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Lirerature Review Report
DOSSIER FOR THE EVALUATION OF THE
ACTIVE SUBSTANCE
DAMINOZIDE

NIPPON SODA CO., LTD.

**DOSSIER FOR THE EVALUATION OF THE ACTIVE SUBSTANCE
DAMINOZIDE**

LITERATURE REVIEW REPORT
(Fulfilling EU data points: KCA Section 9/ KCP Section 11)

Submission of scientific peer-reviewed open literature under Regulation (EC)
No 1107/2009

:

[Redacted signature]

on behalf of:

[Redacted signature]

Date: April 2015 updated April 2016

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1. Literature Review Report on Daminozide

In accordance with Article 7, Paragraph 1(m) of Commission Implementing Regulation (EU) No. 844/2012, this review presents the summaries and results of scientific literature as referred in Article 8 (5) of Regulation (EC) No. 1107/2009.

Article 8 (5) of Regulation (EC) No. 1107/2009 requires that the summary dossier submitted to support the approval of an active substance shall include scientific and peer-reviewed open literature, as determined by the Authority, on the active substance and its relevant metabolites dealing with the side-effects on health, the environment and non-target species and published within the last 10 years before the date of submission of the dossier.

2. Author of the Literature Review Report



3. Summary: Purpose of the report, methodology employed and results obtained

This report summarises the results from a number of searches for the following published information daminozide:

- Daminozide (common name)
- 1596-86-5 (CAS Number)

In addition, this report summarises the search for the following published information on daminozide metabolites and relevant impurities:

- UDMH (unsymmetrical dimethyl hydrazine)
- 57-14-7 (CAS Number)
- NDMA (N,N-dimethylnitrosamine)
- 62-75-9 (CAS Number)
- Methanol
- 67-56-1 (CAS number)
- 200-659-6 (EC number)

The search strategy was based on both single-concept and multi-concept searches (in both STN and Dialog databases). For details regarding the search strategies and the results obtained, refer to Section 5 of this report.

An overview of the results of the selection process is reported in Section 6 of this Literature Review Report and in Appendix 3.

The selection process resulted in two categories of publication:

- Relevant studies and studies of unclear relevance after detailed assessment of full-text documents for relevance;
- Studies considered to be non-relevant after initial review.

The relevance criteria applied are reported in Section 4 of this Literature Review Report.

The reliability assessment for relevant studies was carried out according to Klimisch *et al.* (1997)¹

This review of the published literature for active and its metabolites did not reveal any studies considered to significantly affect the regulatory assessment of human health, animal health or the environment.

4. Protocol for the review, objectives and the criteria of relevance

4.1 Objective of the review

This review was conducted in order to identify scientific peer-reviewed open literature on the active substance daminozide and relevant metabolites, which may affect the assessment of human health, the environment and non-target species.

4.2 Criteria of relevance applied

Studies relevant to the dossier are those that inform one or more data requirement(s), including hazard identification, hazard characterisation and exposure assessment, for the active substance under assessment, its relevant metabolites, or plant protection products.

The main data categories of relevance as given in Regulation (EC) No 1107/2009 for which scientific peer-reviewed open literature are searched include:

1. Data requirements on chemical active substances (Commission Regulation (EU) No 283/2013):
 - a. Toxicological and toxicokinetic studies on the active substance (KCA Section 5)
 - b. Residues in or on treated products, food and feed (KCA Section 6)
 - c. Fate and behaviour in the environment (KCA Section 7)
 - d. Ecotoxicological studies on the active substance (KCA Section 8)
 - e. Other data requirements for which information may have a direct or indirect effect on overall risk assessment (KCA Sections 1, 2, 3 and 4) (only data requirements under these points having a direct impact on the risk assessment need to be considered)
2. Data requirements on plant protection products based on chemical preparations (Commission Regulation (EU) No 284/2013):
 - a. Toxicological studies on the plant protection product (KCP Section 7)
 - b. Residues in or on treated products, food and feed (KCP Section 8)
 - c. Fate and behaviour in the environment (KCP Section 9)
 - d. Ecotoxicological studies on the plant protection product (KCP Section 10)
 - e. Other data requirements for which information may have a direct or indirect effect on the overall risk assessment (KCP Sections 1, 2, 3, 4, and 5) (only data requirements under these points having a direct impact on the risk assessment need to be considered)

Assessment of studies for relevance was carried out by reference to their titles and if necessary abstracts. Those studies that were considered to meet the relevance criteria, following review of their abstracts were obtained. The full-text of these documents was assessed further to determine whether the information contained in the study could impact on the endpoints and risk assessment parameters related to the active substance. Reviews of the relevance and reliability of the articles brought up in the literature search were carried out by experts in the relevant technical disciplines. A detailed assessment of the procedures to determine relevancy can be found in Appendix 5.

¹ Klimisch, H-J., Andreae, M. & Tillmann, U. (1997) A Systematic Approach for Evaluating the Quality of Experimental Toxicological and Ecotoxicological Data. *Regulatory Toxicology and Pharmacology* **25** pp 1-5

4.3 Summary of reliability codes and categories

The reliability assessment for any relevant studies was carried out according to Klimisch *et al.* (1997).

Within Klimisch *et al.* (1997) the following codes and categories of reliability are assigned:

Code	Category
1	Reliable without restriction
2	Reliable with restriction
3	Not reliable
4	Not assignable

1 Reliable without restriction

This includes studies or data from the literature or reports which were carried out or generated according to generally valid and/or internationally accepted testing guidelines (preferably performed to GLP) or in which the test parameters documented are based on a specific (national) testing guideline (preferably performed according to GLP) or in which all parameters described are closely related/comparable to a guideline method.

2 Reliable with restriction

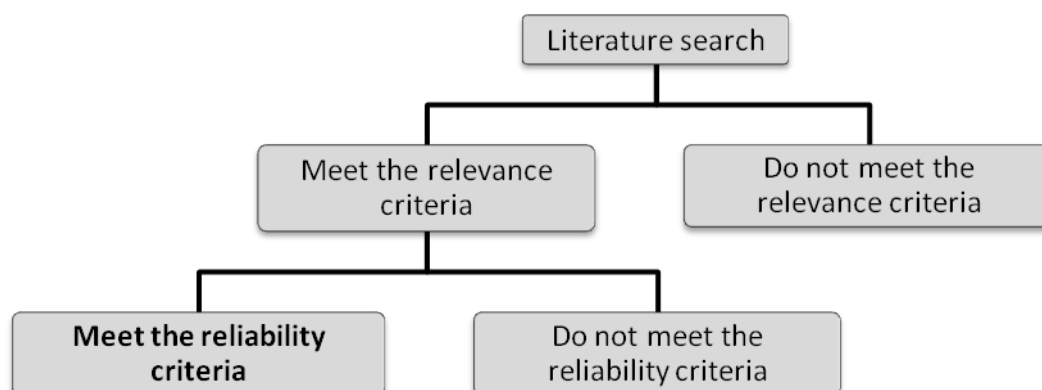
This includes studies or data from the literature, reports (mostly not performed according to GLP), in which the test parameters documented do not totally comply with the specific testing guideline, but are sufficient to accept the data or in which investigations are described which cannot be subsumed under a testing guideline, but which are nevertheless well documented and scientifically acceptable.

3 Not reliable

This includes studies or data from the literature/reports in which there are interferences between the measuring system and the test substance or in which organisms/test systems were used which are not relevant in relation to the exposure (e.g., unphysiologic pathways of application) or which were carried out or generated according to a method which is not acceptable, the documentation of which is not sufficient for an assessment and which is not convincing for an expert judgement.

4 Not assignable

This includes studies or data from the literature, which do not give sufficient experimental details and which are only listed in short abstracts or secondary literature (books, reviews, etc.).



5. Search methods and results

5.1 Overview of search terms used

Please refer to Table 5.1.

5.2 Search Limitation

A series of searches were carried out using the STN and the Dialog platforms:

- an initial search covering studies published from 2004 to 2011;
- additional searches to cover the time periods 2012 to 2013, 2013 to 2014 and February to December 2014;
- a separate search for all in vitro/in vivo metabolism studies excluding hits preceding 2004 (to address the requirement under Regulation (EU) No. 283/2013 for comparative in vitro metabolism studies);
- a separate search covering the metabolite methanol from 2005 to 2015.

These literature searches were performed to cover the 10 years prior to the expected submission of the AIR 3 dossier for daminozide which was submitted for review in April 2015. Patents and conference papers were excluded as these were not expected to contain information that was both relevant and reliable.

5.3 Databases used

The databases searched, together with the frequency that they are updated, is given in Appendix 1.

The justification for using these databases is outlined in Appendix 2.

Table 5.1: Reporting/Overview of the search process for scientific peer-reviewed open literature in bibliographic databases

	STN Toxicology Database Cluster	Dialog
Justification for choice of the database:	Appendix 2	Appendix 2
Date of the search:	(i) 17 th October 2012 (ii) 15 th July 2013 (iii) 24 th October 2013 (iv) 12 th February 2014 (v) 22 nd December 2014 (vi) 17 th December 2015	(i) 17 th October 2012 (ii) 15 th July 2013 (iii) 24 th October 2013 (iv) 12 th February 2014 (v) 22 nd December 2014 (vi) 17 th December 2015
Date span of the search:	(i) 2004 to 2011 (ii) 2012 to 2013 (iii) Not limited (articles predating 2004 subsequently discarded) (iv) 2013 to 2014 (v) February 2014 to December 2014 (vi) 2005 to 2015	(i) 2004 to 2011 (ii) 2012 to 2013 (iii) Not limited (articles predating 2004 subsequently discarded) (iv) 2013 to 2014 (v) February 2014 to December 2014 (vi) 2005 to 2015
Date of the latest database update included in the search:	Appendix 1	Appendix 1
Search strategies	(i) 1. 1596-84-5 2. Publication Year: 2004-2011 3. NOT conference OR patent (ii) 1. 1596-84-5 2. Publication Year: 2012 to current 3. NOT conference OR patent 1. 57-14-7 2. Publication Year: 2012 to current 3. NOT conference OR patent 1. 62-75-9 2. Publication Year: 2012 to current 3. NOT conference OR patent (iii) 1. 1596-84-5 2. AND in-vitro OR in-vivo	(i) 1. RN=1596-84-5 (DAMINOZIDE) 2. (BUTANEDIOIC()ACID()1()2()2-DIMETHYLHYDRAZIDE OR BUTANEDIOIC()ACID()MONO()2()2-DIMETHYLHYDRAZIDE OR SUCCINIC()ACID()MONO()2()2-DIMETHYLHYDRAZIDE OR DAMINOZIDE OR DAZIDE OR DIMAS OR N-DIMETHYLAMINO()SUCCINAMIC()ACID OR SUCCINIC()ACID()2()2-DIMETHYLHYDRAZIDE OR SUCCINIC()ACID()N()N-DIMETHYLHYDRAZIDE OR SUCCINIC()N()N-DIMETHYLHYDRAZIDE)/TI,DE,ID 3. S2/2004:2011 4. NOT (DT=CONFERENCE? OR DT=PATENT?) (ii) 1. RN=1596-84-5 (DAMINOZIDE) 2. (BUTANEDIOIC()ACID()1()2()2-DIMETHYLHYDRAZIDE OR BUTANEDIOIC()ACID()MONO()2()2-DIMETHYLHYDRAZIDE OR SUCCINIC()ACID()MONO()2()2-DIMETHYLHYDRAZIDE OR DAMINOZIDE OR

	STN Toxicology Database Cluster	Dialog
	3. AND metabolism (iv) 1. 1596-84-5 2. AND Publication Year: 2013-current 3. NOT Document Type: conference 4. NOT Document Type: patent 5. AND toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR repeat dose OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR micro-organism OR dietary OR bioconcentration OR sewage treatment OR soil OR air OR water OR surface water OR groundwater OR degradation OR aerobic OR anaerobic OR sorption OR mobility OR hydro* OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring (v) 1. 1596-84-5 2. AND publication Year: 2014-current 3. NOT Document Type: conference 4. NOT Document Type: patent 5. AND toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR microorganism OR dietary OR bioconcentration OR "sewage treatment" OR soil OR air OR water OR "surface water" OR groundwater OR degradation OR aerobic OR anaerobic OR adsorption OR mobility OR hydro* OR photo OR biodegrad*	DAZIDE OR DIMAS OR N-DIMETHYLAMINO() SUCCINAMIC()ACID OR SUCCINIC()ACID()2()2- DIMETHYLHYDRAZIDE OR SUCCINIC()ACID()N()N- DIMETHYLHYDRAZIDE OR SUCCINIC()N()N- DIMETHYLHYDRAZIDE)/TI,DE,ID 3. NOT (DT=CONFERENCE? OR DT=PATENT?) 4. S4/2012:2013 5. RN=57-14-7 6. (HYDRAZINE()1()1()DIMETHYL OR 1()1-DIMETHYL HYDRAZINE OR AS-DIMETHYLHYDRAZINE OR DIMAZIN OR DIMAZINE OR GEM- DIMETHYLHYDRAZINE OR HEPTYL OR N()N-DIMETHYLHYDRAZINE OR U- DIMETHYLHYDRAZINE OR UDMH OR UNSYM- DIMETHYLHYDRAZINE OR UNSYMMETRICAL()DIMETHYLHYDRAZINE)/TI,DE,ID 7. NOT (DT=CONFERENCE? OR DT=PATENT?) 8. S11/2012:2013 9. RN=62-75-9 (DIMETHYLNITROSAMINE) 10. (METHANAMINE()N-METHYL-N-NITROSO OR DIMETHYLAMINE()N-ITROSO OR DIMETHYLNITRO SAMINE OR N-METHYL-N-NITROSOMETHANAMINE OR N-NITROSO-N()N-DIMETHYLAMINE OR N-NITROSO DIMETHYLAMINE OR NDMA OR DIMETHYLNITROSO AMINE OR N()N-DIMETHYLNITROSAMINE OR N- DIMETHYL-NITROSAMINE OR N-NITROAODIMETHYL AMINE OR NITROSAMINE()DIMETHYL OR NITROSO DIMETHYLAMINE)/TI,DE,ID 11. NOT (DT=CONFERENCE? OR DT=PATENT?) 12. S20/2012:2013 (iii) 1. RN(1596-84-5) OR daminozide 2. AND in-vitro OR in-vivo 3. AND peer(yes) 4. ("BUTANEDIOIC ACID, 1-2,2-DIMETHYLHYDRAZIDE" OR "BUTANEDIOIC ACID, MONO 2,2- DIMETHYLHYDRAZIDE" OR "SUCCINIC ACID, MONO 2,2- DIMETHYLHYDRAZIDE" OR DAZIDE OR DIMAS OR "N- DIMETHYLAMINO SUCCINAMIC ACID" OR "SUCCINIC

	STN Toxicology Database Cluster	Dialog
	OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring 6. 57-14-7 7. AND Publication Year: 2014-current 8. NOT Document Type: conference 9. NOT Document Type: patent 10. AND toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR microorganism OR dietary OR bioconcentration OR "sewage treatment" OR soil OR air OR water OR "surface water" OR groundwater OR degradation OR aerobic OR anaerobic OR adsorption OR absorption OR mobility OR hydro* OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring 11. 62-75-9 12. AND Publication Year: 2014-current 13. NOT Document Type: conference 14. NOT Document Type: patent 15. AND toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR microorganism OR dietary OR bioconcentration OR "sewage treatment" OR soil OR air OR water OR "surface water" OR groundwater OR degradation OR aerobic OR anaerobic OR adsorption OR absorption OR mobility OR hydro* OR photo OR biodegrad*	ACID 2,2-DIMETHYLHYDRAZIDE" OR "SUCCINIC ACID N,N-DIMETHYLHYDRAZIDE" OR "SUCCINIC N,N-DIMETHYLHYDRAZIDE") 5. AND (in-vitro OR in-vivo) 6. AND peer(yes) (iv) 1. (RN(1596-84-5) OR ("BUTANEDIOIC ACID 1 2 2-DIMETHYLHYDRAZIDE" OR "BUTANEDIOIC ACID MONO 2 2-DIMETHYLHYDRAZIDE" OR "SUCCINIC ACID MONO 2 2-DIMETHYLHYDRAZIDE" OR DAMINOZIDE OR DAZIDE OR DIMAS OR "N-DIMETHYLAMINO SUCCINAMIC ACID" OR "SUCCINIC ACID 2 2-DIMETHYLHYDRAZIDE" OR "SUCCINIC ACID N N-DIMETHYLHYDRAZIDE" OR "SUCCINIC N N-DIMETHYLHYDRAZIDE")) 2. AND (toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR microorganism OR dietary OR bioconcentration OR "sewage treatment" OR soil OR air OR water OR "surface water" OR groundwater OR degradation OR aerobic OR anaerobic OR adsorption OR absorption OR mobility OR hydro* OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring) 3. AND pd(>2013) 4. AND (sttype.exact("Scholarly Journals" OR "Reports" OR "Books" OR "Government & Official Publications") AND at.exact("Article" OR "Book Chapter" OR "Government & Official Document" OR "Case Study" OR "Technical Report")) (v) 1. (RN(1596-84-5) OR ("BUTANEDIOIC ACID 1 2 2-DIMETHYLHYDRAZIDE" OR "BUTANEDIOIC ACID MONO

	STN Toxicology Database Cluster	Dialog
	OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring (vi) 1. 67-56-1 2. AND Title: methanol OR "methyl alcohol" 3. AND Publication Year: 2005-current 4. NOT Document Type: conference 5. NOT Document Type: patent 6. AND toxicity OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR medical OR endocrine OR biotransformation OR poison* OR residue* OR metabolism OR dietary OR bioconcentration OR "sewage treatment" OR degradation OR aerobic OR anaerobic OR sorption OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring 7. AND rat OR mouse OR dog OR rabbit OR hamster OR human OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR micro-organism OR wildlife OR reptil* OR amphibian OR soil OR air OR water OR "surface water" OR groundwater OR mobility OR hydro*	2 2-DIMETHYLHYDRAZIDE" OR "SUCCINIC ACID MONO 2 2-DIMETHYLHYDRAZIDE" OR DAMINOZIDE OR DAZIDE OR DIMAS OR "N-DIMETHYLAMINO SUCCINAMIC ACID" OR "SUCCINIC ACID 2 2-DIMETHYLHYDRAZIDE" OR "SUCCINIC ACID N N-DIMETHYLHYDRAZIDE" OR "SUCCINIC N N-DIMETHYLHYDRAZIDE")) 2. AND (toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR microorganism OR dietary OR bioconcentration OR "sewage treatment" OR soil OR air OR water OR "surface water" OR groundwater OR degradation OR aerobic OR anaerobic OR adsorption OR absorption OR mobility OR hydro* OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring) 3. pd(>20140201) 4. AND (styp.e.exact("Scholarly Journals" OR "Reports" OR "Books" OR "Government & Official Publications")) 5. AND at.exact("Article" OR "Book Chapter" OR "Government & Official Document" OR "Case Study" OR "Technical Report")) 6. (RN(57-14-7) OR "HYDRAZINE 1 1 DIMETHYL" OR "1 1-DIMETHYLHYDRAZINE" OR "N(N)-DIMETHYLHYDRAZINE" OR UDMH OR "UNSYMMETRICAL DIMETHYLHYDRAZINE" OR "UNSYMMETRICAL DIMETHYL HYDRAZINE") 7. AND (toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR

	STN Toxicology Database Cluster	Dialog
		livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR microorganism OR dietary OR bioconcentration OR "sewage treatment" OR soil OR air OR water OR "surface water" OR groundwater OR degradation OR aerobic OR anaerobic OR adsorption OR absorption OR mobility OR hydro* OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring) 8. pd(>20140201) 9. AND (stpe.exact("Scholarly Journals" OR "Reports" OR "Books" OR "Government & Official Publications") 10. AND at.exact("Article" OR "Book Chapter" OR "Government & Official Document" OR "Case Study" OR "Technical Report")) 11. (RN(62-75-9) OR DIMETHYLNITROSAMINE OR "N- NITROSO-N N-DIMETHYLAMINE" OR "N- NITROSODIMETHYLAMINE" OR NDMA OR DIMETHYLNITROSOAMINE OR "N N- DIMETHYLNITROSAMINE" OR "N-DIMETHYL- NITROSAMINE" OR "NITROSAMINE DIMETHYL" OR NITROSODIMETHYLAMINE) 12. AND (toxicity OR rat OR mouse OR dog OR rabbit OR hamster OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR endocrine OR biotransformation OR residue* OR metabolism OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR microorganism OR dietary OR bioconcentration OR "sewage treatment" OR soil OR air OR water OR "surface water" OR groundwater OR degradation OR aerobic OR anaerobic OR adsorption OR absorption OR mobility OR hydro* OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring) 13. AND pd(>20140201)

	STN Toxicology Database Cluster	Dialog
		14. AND (stype.exact("Scholarly Journals" OR "Reports" OR "Books" OR "Government & Official Publications") 15. AND at.exact("Article" OR "Book Chapter" OR "Government & Official Document" OR "Case Study" OR "Technical Report")) (vi) 1. (methanol OR "methyl alcohol") 2. AND TI,AB(rat OR mouse OR dog OR rabbit OR hamster OR human OR plant OR livestock OR crop OR goat OR cow OR hen OR pig OR bird OR aquatic OR fish OR invertebrate OR algae OR sediment OR bee OR arthropod OR earthworm OR micro-organism OR wildlife OR reptil* OR amphibian OR soil OR air OR water OR "surface water" OR groundwater OR mobility OR hydro*) 3. AND AB(toxicity OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR medical OR endocrine OR biotransformation OR poison* OR residue* OR metabolism OR dietary OR bioconcentration OR "sewage treatment" OR degradation OR aerobic OR anaerobic OR *sorption OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring) 4. AND (methanol OR "methyl alcohol") NEAR/10 (toxicity OR "repeat dose" OR genotox* OR mutagen* OR carcinogen* OR acute OR irritation OR chronic OR toxicokinetics OR reproduct* OR development* OR oncogen* OR neurotox* OR adverse OR medical OR endocrine OR biotransformation OR poison* OR residue* OR metabolism OR dietary OR bioconcentration OR "sewage treatment" OR degradation OR aerobic OR anaerobic OR *sorption OR photo OR biodegrad* OR dissipation OR accumulation OR leaching OR lysimeter OR monitoring) 5. AND pd(>20050101) 6. AND stype.exact("Scholarly Journals" OR "Reports" OR "Books" OR "Government & Official Publications") 7. AND at.exact("Article" OR "Book" OR "Book Chapter" OR "Government & Official Document" OR "Case Study" OR

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Literature Review Report
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	STN Toxicology Database Cluster	Dialog
		"Technical Report" OR "Report")
Total number of summary records retrieved after removing duplicates	2134	

6. Findings of the literature review

Table 6.1: Summary of the literature review

Summary of the review	n	Justification
Total number of summary records retrieved after removing duplicates from all database searches	2134	Table 5.1
Number of summary records excluded after rapid assessment for relevance (by title/abstract)	2074	Appendix 4
Number of summary records of potential/unclear relevance assessed in further detail (by abstract/full-text)	60	Appendix 3
Number of studies excluded from further consideration after detailed assessment for relevance (by abstract/full-text)	48	
Number of studies not excluded for relevance after detailed assessment (i.e. relevant studies and studies of unclear relevance)	12	
Number of relevant and reliable studies (Klimisch criteria 1-2) identified by the literature search and appraisal process	8	

Articles of potential relevance to the regulatory data package for the active substance were investigated in further detail by examining the abstract and/or the full article text. Where articles were considered to meet the criteria for relevance, an assessment of the reliability of the study was carried out based on the approach described in Klimisch *et al.*, (1997). Appendix 3 presents the articles identified as potentially relevant and/or relevant and reliable, including details of the appraisal for relevance and reliability. This process identified a total of 8 relevant studies which were of suitable reliability to support designation of Klimisch criteria 1 or 2. The studies considered relevant and reliable relate to the following EU data points:

- KCA 5.8.1: 'Toxicity studies on metabolites' – 2 studies
- KCA 5.9.6: 'Proposed treatment: first aid measures, antidotes, medical treatment' – 3 studies
- KCA 5.9.7: 'Expected effects of poisoning' – 2 studies
- KCA 8.2.2.1: 'Fish early life stage toxicity test' – 1 study

7. Conclusion

A review of the published literature for daminozide revealed 8 articles of relevance to the regulatory data package for daminozide, which were of suitable reliability to be allocated a Klimisch score of 1 or 2. Seven of the articles are relevant to the toxicology part of the data package, one is relevant to the ecotoxicology part of the data package. Although these articles are unlikely to make substantive changes to the risk assessment, they may be deemed useful to consider as part of the regulatory process for daminozide.

Appendix 1: Databases searched

STN-DATABASES:	FREQUENCY OF UPDATES
ANABSTR	Updated weekly
BIOSIS (BIOSIS PREVIEWS®)	Updated weekly
BIOTECHNO (Elsevier Biotechno base)	Not updated: Closed in 2003
CABA (CA Abstracts)	Updated weekly
CAplus (Chemical abstracts plus)	Updated daily
CAplus (Toxicology focus)	Updated daily
CAplus (Analytical chemistry focus)	Updated daily
Chemical Abstracts REGISTRY	Updated daily
CROPU	1985-2003
EMBASE (Excerpta Medica)	Updated daily
ESBIOBASE (Elsevier Current Research in Biology and BioScience)	Updated weekly
KOSMET (Cosmetic & Perfume Science & Technology)	Updated monthly
MEDLINE	Updated daily
NAPRALERT (Natural Products Alert)	Occasional updates
PASCAL (INIST's French National Research Council File)	Updated weekly
RTECS (Registry of Toxic Effects of Chemical Substances)	Updated quarterly
SCISEARCH (Science Citation Index)	Updated weekly
TOXCENTER (Toxicology Center produced by American Chemical Society CAS)	Updated weekly

DIALOG DATABASES:	UPDATES
AGRICOLA	All PROQUEST databases are current and updated regularly
AGRIS	
Aqualine	
Aquatic Science & Fisheries Abstracts (ASFA)	
BIOSIS® Toxicology	
Chemical Engineering and Biotechnology Abstracts	
CSA Life Sciences Abstracts	
Ecology Abstracts	
Embase®	
ENVIROLINE®	
Environment Abstracts	
Environmental Engineering Abstracts	
Environmental Sciences	
FLUIDEX	
FSTA®	
FOODLINE®: Science	
GeoArchive	
GEOBASE™	
MEDLINE®	
Meteorology & Geostrophysical Abstracts.	
Pollution Abstracts	
ToxFile	
Toxicology Abstracts	
TOXLINE	
Water Resources Abstracts	

Appendix 2. Justification for choice of databases used

STN DATABASES

Provider	Database	Justification
STN*	ANABSTR	The Analytical Abstracts database covers worldwide literature on analytical chemistry. The ANABSTR file contains bibliographic records with abstracts (since 1984) for documents reported in printed Analytical Abstracts. Sources for ANABSTR include journals, books, conference proceedings, reports, and standards. Bibliographic information, indexing terms, abstracts, chemical names, and CAS Registry Numbers are all searchable
STN*	BIOSIS	BIOSIS Previews® is the largest and most comprehensive life science database in the world. Amongst other subject coverage includes Agriculture, Biochemistry, Biophysics, Botany, Environmental Biology, Physiology, Toxicology. Sources include periodicals, journals, conference proceedings, reviews, reports, patents and short communications. Nearly 6,000 life science journals, 1,500 international meetings as well as review articles, books, and monographs are reviewed for inclusion. Bibliographic information, indexing terms, abstracts, and CAS Registry Numbers are all searchable.
STN*	BIOTECHNO	Elsevier BIOTECHNOBASE provides comprehensive international coverage of scientific, technological, and professional biotechnology literature - from fundamental research to industrial applications. The database includes both modern biotechnology (genetic engineering, bioreactors, industrial processes, etc.) and traditional biotechnology (breeding, fermentation, etc.). Special emphasis is placed on drug development, medicine and health care, microbial biotechnology, agriculture, food industry, environmental science, forensic science and textiles. BIOTECHNO draws on a core list of 280 journals relevant to biotechnology, plus a selection of other relevant journals from related disciplines.
STN*	CAB Abstracts	The CAB Abstracts database covers worldwide literature from all areas of agriculture and related sciences including biotechnology, forestry, and veterinary medicine. Sources for CABA include journals, books, reports, published theses, conference proceedings, and patents. Bibliographic information, indexing terms, abstracts and CAS Registry Numbers are searchable.
STN*	CAPLUS	The Chemical Abstracts (CA) database covers all areas of Biochemistry, Chemistry and Chemical engineering, and related sciences. Sources include over 8,000 journals, patents from 38 national patent offices and two international patent organizations, technical reports, books, conference proceedings, and dissertations. Electronic only journals and Web preprints are also covered. Bibliographic terms, indexing terms, roles, CAS Registry Numbers, International Patent Classification and abstracts are searchable.

Provider	Database	Justification
STN*	Chemical Abstracts REGISTRY	The Chemical Abstracts REGISTRY covers all types of inorganic and organic substances, including alloys, coordination compounds, minerals, mixtures, polymers, salts, high throughput screening (HTS) compounds as well as nucleic acid and protein sequences. Substances included in REGISTRY meet the following criteria: - Identified by CAS as coming from a reputable source, including but not limited to patents, journals, chemical catalogues and selected substance collections on the web. - Described in largely unambiguous terms. - Characterised by physical methods or described in a patent document example or claim. - Consistent with the laws of atomic covalent organisation. Experimental and predicted property data and tags and spectra data.
STN*	CROPU	The Derwent Crop Protection File covers all aspects of pesticides, including their use in crop protection and pest control. Information on plant and insect growth regulators, attractants, repellents and biological control is also included. The database draws on 1,100 scientific journals, conference proceedings, and patents beginning in 1996. Records contain bibliographic information, titles, abstracts, in-depth indexing, and Enzyme Commission Numbers.
STN*	EMBASE	The Excerpta Medica database covers worldwide literature in the biomedical and pharmaceutical fields, including biological science, biochemistry, human medicine, forensic science, paediatrics, pharmacy, pharmacology and drug therapy, pharmacoeconomics, psychiatry, public health, biomedical engineering and instrumentation and environmental science. Sources for EMBASE include more than 4,000 journals from approximately 70 countries, monographs, conference proceedings, dissertations and reports.
STN*	ESBIOBASE	Elsevier BIOBASE is a bibliographic current awareness database providing comprehensive coverage of the entire spectrum of biological research worldwide. Coverage includes the following areas: applied microbiology, biotechnology, cancer research, cell & developmental biology, clinical chemistry, ecological & environmental sciences, endocrinology, genetics, immunology, infectious diseases, metabolism, molecular biology, neuroscience, plant and crop science, protein biochemistry and toxicology. Records are selected from over 1,700 international scientific journals, books and conference proceedings.
STN*	KOSMET	Cosmetic & Perfume Science & Technology (KOSMET) is a bibliographic database containing citations to the worldwide literature on cosmetics and perfumes, with an emphasis on scientific and technical research and studies. Citations, mostly with abstracts, include bibliographic data, indexing information and CAS Registry Numbers. For literature of non-English origin the original title is given additionally. Coverage includes product development, knowledge of healthy skin and its adnexa (hair, nails, teeth, glands), trading of perfumes and cosmetics, research and development of raw materials, active ingredients, formulations, manufacture, analysis, safety, <i>in vitro</i> toxicology, physiochemical properties, biological properties, stability, packaging and clinical studies. Sources include periodicals, technical publications, conference proceedings and all reports from IFSCC congresses and meetings.

Provider	Database	Justification
STN*	MEDLINE	MEDLINE contains information on every area of medicine. The MEDLINE database corresponds to Index Medicus, Index to Dental Literature and International Nursing Index; OLDMEDLINE, with data from NLM's from the Cumulated Index Medicus (1960-1965) and Current List of Medical Literature (1958-1959); and, since August 2001, IN-PROCESS records, the latest documents before they have been completely indexed for inclusion on MEDLINE. Sources include journals and chapters in books or symposia. Bibliographic information, indexing terms, abstracts, chemical names and CAS Registry Numbers are all searchable.
STN*	NAPRALERT	Natural Products Alert contains information on the biological, biochemical and economic aspects of natural drugs and their constituents. NAPRALERT covers pharmacology, biological activity, taxonomic distribution, ethics in medicine and the chemistry of plant, microbial, or animal (including marine) extracts. Records in NAPRALERT relate to organisms and natural products. Nearly 50% of the database contains records obtained by systematic indexing of literature since 1975. Sources include journals, books, patents, conference proceedings, government reports and newsletters. Bibliographic information, substances information, taxonomic and chemical names and CAS Registry Numbers are searchable.
STN*	PASCAL	The PASCAL database provides access to scientific and technical literature including physics and chemistry, life sciences (biology, medicine, and psychology), applied sciences and technology, earth sciences, and information sciences. Approximately 5,000 journal titles are indexed in PASCAL. French and European literature is particularly well represented in PASCAL. About 500,000 new records are added each year.
STN*	RTECS	Registry of Toxic Effects of Chemical Substances contains factual toxicity data for commercially important substances from research and government reports. Coverage includes irritation data, federal standards and regulations, mutagenicity, tumorigenic effects, acute toxicity and multiple dose toxicity data, carcinogenicity reviews, NIOSH-recommended human exposure limits, reproductive effects, and information on activities by NIOSH, US EPA (Environmental Protection Agency), NTP (National Toxicology Program) and OSHA (Occupational Safety and Health Administration). Sources include journal articles, government reports and unpublished EPA test submissions (TSCATS). Molecular formulas, RTECS Numbers, CAS Registry Numbers, chemical names and toxic values are searchable.
STN*	SCISEARCH	Science Citation Index, one of the largest multidisciplinary scientific databases, is an international index to the literature covering virtually every subject area within the broad fields of science, technology and biomedicine. Records include references from over 5,600 scientific, technical and medical journals are contained in the database.

Provider	Database	Justification
STN*	TOXCENTER	Toxicology Center covers the pharmacological, biochemical, physiological, and toxicological effects of drugs and other chemicals. TOXCENTER is composed of the following subfiles: BIOSIS (1969 to date), CAlplus (1907 to date), IPA (1970 to date), and MEDLINE (1953 to date). Sources include abstracts, books and book chapters, bulletins, conference proceedings, journal articles, letters, meetings, monographs, notes, papers, patents, presentations, research and project summaries, reviews, technical reports, theses, translations, unpublished material, web reprints. Records contain bibliographic data, abstracts, indexing terms, chemical names and CAS Registry Numbers

* http://www.stn-international.de/database_list.html?&no_cache=1&cHash=

PROQUEST DIALOG DATABASES

Dialog is the premier online retrieval service with the most comprehensive content collection and most powerful search language available. Dialog is the worldwide leader in providing online-based information in science. The database holds data from more than 800 million unique records of key information, accessible via the Internet. Content areas include, but are not limited to, biomedical research, biotechnology, chemicals, environment, food and agriculture, medicine and science and technology.

Provider	Database	Justification
Dialog	AGRICOLA	AGRICOLA (AGRICultural OnLine Access) is an extensive international bibliographic database consisting of records for literature citations of journal articles, monographs, theses, patents, translations, microforms, audiovisuals, software and technical reports. Available since 1970, AGRICOLA serves as a document locator and bibliographic access and control system for the U.S. National Agricultural Library (NAL) collection, but since 1984 the database has also included some records produced by cooperating institutions for documents not held by NAL.
Dialog	AGRIS International	AGRIS International is the international information system for agricultural sciences and technology. The AGRIS International database has served since 1974 as a comprehensive inventory of worldwide agricultural literature which reflects research results, food production, and rural development to help users identify problems involved in all aspects of world food supply. Emphasis in AGRIS International is non-U.S. This file corresponds in part to the printed publication, Agrindex, published monthly by the Food and Agriculture Organization (FAO) of the United Nations. AGRIS is a cooperative, decentralised system in which over 100 national and multinational centers take part. It collects and makes available current information on the agricultural literature of the world appearing in journals, books, reports, and conference papers. Each country which participates in AGRIS does so by submitting information about documents published within its own territories. All contributing sources are of non-U.S. origin. FAO acts as a coordinating agency within this global information system, facilitating the exchange of agricultural information to its member countries.

Provider	Database	Justification
Dialog	Aqualine	Aqualine contains abstracts and bibliographic citations from approximately 300 journals as well as from conference proceedings, scientific reports, books and theses. Major subjects of coverage include water resources and supplies management, water legislation, water quality, potable water distribution, wastewater collection, water treatment technologies, wastewater and sewage treatment, and ecological and environmental effects of water pollution. Previously published by the well-known and respected WRc in England, Aqualine is now produced in joint cooperation with WRc and CSA.
Dialog	ASFA	ASFA (Aquatic Sciences and Fisheries Abstracts) series is the premier international reference in the field of aquatic resources. Since 1966 input to ASFA has been provided by a growing international network of information centers monitoring more than 5,000 serial publications, books, reports, conference proceedings, translations and limited distribution literature. ASFA is a component of the Aquatic Sciences and Fisheries Information System (ASFIS), formed by four United Nations agency sponsors of ASFA and a network of international and national partners.
Dialog	BIOSIS® Toxicology	BIOSIS Previews® is the largest and most comprehensive life science database in the world. Amongst other subject coverage includes Agriculture, Biochemistry, Biophysics, Botany, Environmental Biology, Physiology, Toxicology. Sources include periodicals, journals, conference proceedings, reviews, reports, patents and short communications. Nearly 6,000 life science journals, 1,500 international meetings as well as review articles, books, and monographs are reviewed for inclusion. Bibliographic information, indexing terms, abstracts, and CAS Registry Numbers are all searchable.
Dialog	CEABA®	CEABA® (Chemical Engineering and Biotechnology Abstracts) database contains references with abstracts, keywords and bibliographic details of international scientific and application-oriented literature on chemical engineering and biotechnology. It covers journals, conference proceedings, books, dissertations and grey literature. Abstracts are in German and/or English. The CEABA database was published by DECHEMA e.v. from 1963 to May 2011. From June 2011 it has been produced by WTI-Frankfurt.
Dialog	CSA Life Sciences Abstracts	CSA Life Sciences Abstracts contains abstracts and bibliographic citations from recent worldwide research literature in major areas of biology, medicine, biochemistry, biotechnology, genetics, immunology, ecology, microbiology and some aspects of agriculture and veterinary science. CSA Life Sciences Abstracts is produced by CSA (Cambridge Scientific Abstracts) and corresponds to print series of more than 20 abstracting journals since 1966.

Provider	Database	Justification
Dialog	Ecology Abstracts	Ecologists will find in this journal the essence of current ecology research across a wide range of disciplines, reflecting recent advances in light of growing evidence regarding global environmental change and destruction. Ecology Abstracts focuses on how organisms of all kinds - microbes, plants, and animals - interact with their environments and with other organisms. Included are relevant papers on evolutionary biology, economics, and systems analysis as they relate to ecosystems or the environment. With coverage ranging from habitats to food chains, from erosion to land reclamation, the journal provides an important cross-section of current findings in target research areas. Detailed information on resource and ecosystems management and modeling contributes to the journal's practical value, as does material on the impact of climate, water resources, soil, and man or growing environmental problems such as depletion, erosion, and pollution all topics which are covered in depth. Comprehensive, yet carefully focused coverage makes this an essential resource for scientists concerned with preserving the environment.
Dialog	EMBASE	The Excerpta Medica database covers worldwide literature in the biomedical and pharmaceutical fields, including biological science, biochemistry, human medicine, forensic science, paediatrics, pharmacy, pharmacology and drug therapy, pharmacoeconomics, psychiatry, public health, biomedical engineering and instrumentation and environmental science. Sources for EMBASE include more than 4,000 journals from approximately 70 countries, monographs, conference proceedings, dissertations and reports.
Dialog	Enviroline®	Enviroline® covered the world's environmental related information from 1975-2008. It provided indexing and abstracting coverage of more than 1,000 international primary and secondary publications reporting on all aspects of the environment highlighting such fields as management, technology, planning, law, political science, economics, geology, biology and chemistry as they relate to environmental issues. Published by Congressional Information Service it corresponds to the print Environment Abstracts.
Dialog	Environment Abstracts	Environment Abstracts (formerly Environment Abstracts published by LexisNexis) encompasses all aspects of the impact of people and technology on the environment and the effectiveness of remedial policies and technologies. As of 1994, the database also provides expanded coverage of energy-related issues. Environment Abstracts provides access to more than 950 journals published in the U.S. and abroad. The database also covers conference papers and proceedings, special reports from international agencies, non-governmental organizations, universities, associations and private corporations. Other materials selectively indexed include significant monographs, government studies and newsletters. Environment Abstracts customers will also receive access to Sustainability Science Abstracts and EIS: Digests of Environmental Impact Statements. Environment Abstracts also includes a special collection of over 4,000 full text government reports.

Provider	Database	Justification
Dialog	Environmental Engineering Abstracts	Environmental Engineering Abstracts database covers the world literature from 1966 to the present pertaining to the technical and engineering aspects of air and water quality, environmental safety and energy production. More than 7,000 primary journals are thoroughly indexed and abstracted. More than 2,500 additional sources, including monographs and conference proceedings, are monitored for relevant articles. Published by CSA (Cambridge Scientific Abstracts).
Dialog	Environmental Sciences	Environmental Sciences contains abstracts and bibliographic citations providing comprehensive international coverage of the environmental sciences from 1966 to the present. The research areas range from agricultural biotechnology and air quality to waste management and water resource issues. Abstracts and citations are drawn from over 6,000 serials including scientific journals, conference proceedings, reports, monographs, books and government publications. Published by CSA (Cambridge Scientific Abstracts).
Dialog	FLUIDEX	FLUIDEX is a bibliographic database providing a comprehensive source of information on all aspects of fluids engineering, behavior and applications. It is an ideal awareness tool for past and current developments in the process and civil engineering worlds. Coverage includes the latest in theoretical fluid dynamics research, innovative separation techniques, wind loading on offshore platforms, and the application and operation of hydraulic and pneumatic technologies. By bringing together both trade and scientific literature, FLUIDEX provides a unique source of information for scientists and engineering professionals alike. Each FLUIDEX record contains the full bibliographical citation, indexing terms and codes; 98% of all records include abstracts. The database provides current coverage of over 400 international journals, including both peer-reviewed titles and trade publications, and provides archival coverage of several hundred additional journal titles and books.
Dialog	Foodline®: SCIENCE	Foodline®: SCIENCE is a vital resource for keeping up-to-date with published information on food science and technology worldwide. All aspects of the food and drink industry are covered, including ingredients and process technology, microbiology, packaging, food chemistry, biotechnology, food safety and nutrition. A key strength of the database is its currency, key journals being abstracted and available online within two weeks of delivery. More than 250 current periodicals are scanned extensively for FoodlineScience. In total, more than 1,800 records are added to FoodlineScience each month, including scientific journals, trade journals, books, book chapters, standards, technical reports and PCT, European, UK, US and Japanese patents. Produced by the Leatherhead Food Research since 1972.

Provider	Database	Justification
Dialog	FSTA®	FSTA® is produced by IFIS (UK) - core food information, an independent, not-for-profit organisation whose primary objective is to provide quality information products and services designed to meet the needs of all those working in the food sector. FSTA® is the largest and most respected collection of food science, food technology and food related human nutrition abstracts, providing content since 1969. It is compiled by a team of specialist scientists dedicated to producing a database of consistent high quality and timeliness. Continual development of coverage allows FSTA® to maintain its position as the market-leading food science database. There are more than 109,000 patent records including more than 11,000 Japanese patents. FSTA® covers journal articles (approximately 80%), patents, theses, standards, legislation, books, reviews and conference proceedings.
Dialog	GeoArchive	GeoArchive is a comprehensive database covering all types of information sources in geoscience, hydrosience, and environmental science since 1974 to current. The criteria for inclusion in GeoArchive are that the source should be publicly available and have relevant information content, even if the reference is to a small news item in a magazine. GeoArchive, produced by Geosystems, provides international coverage of over 5,000 serials, books from over a 2,000 publishers, geological maps, and doctoral dissertations. Published by Geosystems, U.K.
Dialog	GEOBASE	GEOBASE is a unique bibliographic database covering worldwide research literature since 1980 in physical and human geography, earth and environmental sciences, ecology, and related disciplines. In addition to providing comprehensive coverage of the core scientific and technical periodicals, Geobase has a unique coverage of non-English language and less readily available publications. Over 2,000 journals are fully covered with an additional 3,000 having partial coverage. Over 2,000 books, monographs, conference proceedings, and reports are also included.
Dialog	MEDLINE (Medical Literature, Analysis, and Retrieval System Online)	MEDLINE is produced by the U.S. National Library of Medicine (NLM) and is the U.S. National Library of Medicine's premier bibliographic database that contains more than 15 million references to journal articles in life sciences with a concentration on biomedicine. The broad coverage of the database includes basic biomedical research and the clinical sciences since 1950 including nursing, dentistry, veterinary medicine, pharmacy, allied health and pre-clinical sciences. MEDLINE also covers life sciences that are vital to biomedical practitioners, researchers and educators, including some aspects of biology, environmental science, marine biology, plant and animal science as well as biophysics and chemistry. Increased coverage of life sciences began in 2000. MEDLINE is indexed using NLM's controlled vocabulary, MeSH® (Medical Subject Headings). Approximately 400,000 records are added per year, of which more than 76% are in English.

Provider	Database	Justification
Dialog	Meteorological and Geoastrophysical Abstracts	Meteorological and Geoastrophysical Abstracts provides current citations in English for the most important meteorological and geoastrophysical research published in worldwide literature sources since 1966 to the present. Over 200 sources, including technical journals, monographs, proceedings, reviews and annual publications are scanned for relevant literature. Subject coverage includes meteorology (weather and climate), astrophysics, physical oceanography, hydrosphere and hydrology, environmental sciences, and glaciology. Content from American Meteorological Society, published by CSA.
Dialog	Pollution Abstracts	Pollution Abstracts provides fast access to the environmental information necessary to ensure ongoing compliance and handle emergency situations more effectively. Pollution Abstracts combines information on scientific research and government policies in a single resource. Topics of growing concern are extensively covered from the standpoints of atmosphere, emissions, mathematical models, effects on people and animals, toxicology and health and environmental action in response to global pollution issues. To ensure comprehensive coverage, material from conference proceedings and hard-to-find documents has been summarised along with information from primary journals in the field. Published since 1966 by CSA (Cambridge Scientific Abstracts).
Dialog	ToxFile	ToxFile covers 1965 to the present of the toxicological, pharmacological, biochemical and physiological effects of drugs and other chemicals: adverse drug reactions, chemically induced diseases, carcinogenesis, mutagenesis, teratogenesis, environmental pollution, pesticides, waste disposal, radiation, and food contamination. ToxFile includes toxicology records derived from MEDLINE and also includes citations referred to as TOXNET records from the following organizations and data repositories: Aneuploidy File (ANEUPL), International Labor Office (CIS), Toxicology Research Projects (CRISP), Developmental and Reproductive Toxicology (DART), Environmental Mutagen Information Center File (EMIC), Epidemiology Information System (EPIDEM), Environmental Teratology Information Center File (ETICBACK), Federal Research in Progress (FEDRIP), Health Aspects of Pesticides Abstract Bulletin (HAPAB), Toxicological Aspects of Environmental Health (HEEP), Hazardous Materials Technical Center File (HMTc), National Institute for Occupational Safety and Health (NIOSH), Toxicology Document and Data Repository (NTIS), Pesticides Abstracts (PESTAB), Poisonous Plants Bibliography (PPBIB), Swedish National Chemicals Inspectorate (RISKLINE), and Toxic Substances Control Act Test Submissions (TSCATS).

Provider	Database	Justification
Dialog	Toxicology Abstracts	Toxicology Abstracts is the only comprehensive print resource for professionals in this field who must be aware of every new finding. Specifically focused to meet the needs of toxicologists, Toxicology Abstracts covers issues from social poisons and substance abuse to natural toxins, from legislation and recommended standards to environmental issues. Surveying the literature for toxicology studies of industrial and agricultural chemicals, household products, pharmaceuticals, and myriad other substances, each issue publishes information concerning the in vivo effects of toxic substances. Topics of current concern such as the effects of alcohol and smoking, drug abuse, hydrocarbon studies, nitrosamines, radiation and radioactive materials, and much more are extensively examined. Toxicity testing methodology and analytical procedures for toxic substances are also covered. Through many years of delivering crucial information on the tough, far-reaching issues of toxicology, Toxicology Abstracts has become the single most widely-used journal in this field.
Dialog	TOXLINE	Bibliographic citations to toxicological, pharmacological, biochemical and physiological effects of drugs and other chemicals. Coverage is international but contains primarily English language items; Updates are monthly, with about 9,300 new citations added each month; the file contains over 2.4 million records. The records are derived from about 16 secondary sources.
Dialog	Water Resources Abstracts	Water Resources Abstracts offers a comprehensive range of water-related topics summarising the world's technical and scientific literature on water-related topics covering the characteristics, conservation, control, pollution, treatment, use and management of water resources in the life and physical sciences, as well as the engineering and legal aspects of the conservation, control, use, and management of water. The database was originally produced by the U.S. Geological Survey starting in 1968 when it was generally known as Selected Water Resources Abstracts. Since 1994, Water Resources Abstracts has been produced by CSA (Cambridge Scientific Abstracts), which broadened the scope by including more material published outside the U.S.A. This database, which concentrates on water supply and water treatment, complements the Aquatic Sciences & Fisheries Abstracts database, ASFA, where there is greater coverage of the marine environment and biological material.

Appendix 3: Report of all potentially relevant studies and studies of unclear relevance after detailed assessments for relevance

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/ reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
1.	Adeleke, G.E., Akpabio, C.J., Oyewo, E.B., Oguniola, M.O., Maduagwu, E.N.	2014	In vitro and in vivo metabolism of N-nitrosodimethylamine using male rats	Elixir International Journal (2014) June, pp. 25079-25085	N	N/A	Abstract	Confirms current knowledge that NDMA is very toxic to multiple organs. Insufficient dose levels in vivo to discern a dose response or effect level	
2.	Bailey, L.A., Prueitt, R.L., Rhomberg, L.R.G.	2012	Hypothesis-based weight-of-evidence evaluation of methanol as a human carcinogen	Regulatory Toxicology and Pharmacology (2012) Vol. 62(2), pp. 278-91	N	N/A	Abstract	Not an experimental study; weight of evidence approach similar to a review	
3.	Baltz, D.M., Chesney, E.J., Tarr, M.A., Kolok, A.S., Bradley, M.J.	2005	Toxicity and sublethal effects of methanol on swimming performance of juvenile Florida pompano	Transactions of the American Fisheries Society (2005) Vol. 134(3), pp. 730-740	N	N/A	Abstract	The reference is based on effects to fish swimming performance. Not a guideline study and limited observations in only a 24 hour exposure scenario	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/ reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
4.	Baumgartner, A., Kurzawa-Zegota, M., Laubenthal, J., Cemeli, E., Anderson, D.	2012	Comet-assay parameters as rapid biomarkers of exposure to dietary/ environmental compounds – an in vitro feasibility study on spermatozoa and lymphocytes	Mutat Res (2012) Vol. 743(1-2), pp. 25-35	N	N/A	Full article	Daminozide not investigated. NDMA a potential hydrolysis/ oxidation product is investigated, but this is already known to be genotoxic	
5.	Brahmi, N., Blel, Y., Abidi, N., Kouraichi, N., Thabet, H., Hedhili, A., Amamou, M.	2007	Methanol poisoning in Tunisia: Report of 16 cases	Clinical Toxicology (2007) Vol. 45(6), pp. 717-720	Y	2	Full article	Relevant for medical information on the label. Paper provides information on medical treatment and antidotes	KCA 5.9.6
6.	Brent, J.	2010	Fomepizole for the treatment of pediatric ethylene and diethylene glycol, butoxyethanol, and methanol poisonings	Clin Toxicol (2010) Vol. 48(5), pp. 401-6	N	N/A	Full article	Relevant for medical information on the label but is a review article	
7.	Cascallana, J.L., Gordo, V., Montes, R.	2012	Severe necrosis of oesophageal and gastric mucosa in fatal methanol poisoning	Forensic Sci Int (2012) Vol. 220(1-3): e9-12	Y	2	Full article	Relevant for medical information on the label. Paper provides information on the expected effects of poisoning	KCA 5.9.7

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/ reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
8.	Cooper, R.G.	2008	Renal function in male Sprague-Dawley rats concurrently exposed to long-term nicotine (3-{1-methyl-2-pyrrolidinyl}pyridine) and methylated spirits (methyl alcohol)	Renal Failure (2008) Vol. 30(1), pp. 107-14	N	N/A	Abstract	Provides information on kidney damage but it seems pure methanol was not used and protocol is not sufficiently described	
9.	Cruzan, G.	2009	Assessment of the cancer potential of methanol	Crit Rev Toxicol (2009) Vol. 39(4), pp. 347-63	N	N/A	Abstract	Methanol confirmed not to be carcinogenic	
10.	Davanzo, F., Settimi, L., Condò, M., Marcello, I., Zoppi, F., Binetti, R.	2009	A cluster of methanol-related poisonings in Sicily: case characterization and identification of unexpected sources of exposure	Epidemiologia e prevenzione (2009) Vol. 33(3), pp. 104-12	N	N/A	Full article	Not relevant. Article examines the statistics of methanol poisoning and what can be done, from a regulatory perspective, to minimise poisoning	
11.	Ding, X., Zhang, H., Chen, J.	2008	Effects of daminozide and gibberellic acid on micronucleus of Vicia faba root tip cells	Dulixue Zazhi (2008) Vol. 22(5), pp. 379-380	N	N/A	Abstract	Not a valid cell type for assessment of genetic toxicity. Would be superseded by data already available	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
12.	Fang, X., Nunoshiba, T., Yoshida, M., Nishikawa, A., Nemoto, K., Degawa, M., Arimoto, S., Okamoo, K., Takahashi, E., Negishi, T.	2014	Effects of oral administration of non-genotoxic hepato-hypertrophic compounds on metabolic potency of rat liver	Genes and Environment (2014) Vol. 36(1), pp. 1-9	N	N/A	Abstract	Paper investigates mechanisms of non-genotoxic carcinogenesis. Daminozide was not carcinogenic	
13.	Georgieva, M., Ivanov, I., Georgiev, G.T.	2004	Synthetic plant growth regulators: I. Toxicity in vitro	Experimental Pathology and Parasitology (2004) Vol. 6(11), pp. 75-80	N	N/A	Abstract	3T3 NRU assay described in this paper might be used in estimating acute toxicity of some chemicals; however in vivo data is already available which would supersede the information in this paper	
14.	Goze, I., Yelkovan, I., Bakir, S., Cinar, Z.	2005	The investigation of some enzyme levels in the kidney, spleen, heart, liver and brain of daminozide administered rats	Ankara Universitesi Eczacilik Fakultesi Dergisi (2005) Vol. 34(1), pp. 17-25	N	N/A	Abstract	Route of exposure (i.p.) not relevant. Superseded by repeat oral dose studies measuring similar and/or same endpoints	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
15.	Hansen, J.M., Contreras, K.M., Harris, C.	2005	Methanol, formaldehyde, and sodium formate exposure in rat and mouse conceptuses: a potential role of the visceral yolk sac in embryotoxicity	Birth Defects Res A Clin Mol Teratol (2005) Vol. 73(2), pp. 72-82	Y	3	Full article	Teratogenicity studied using embryonic cultures	KCA 5.8.1
16.	Jahan, K., Mahmood, D., Fahim, M.	2015	Effects of methanol in blood pressure and heart rate in the rat	Journal of Pharmacy & Bioallied Sciences (2015) Vol. 7(1), pp. 60-4	N	N/A	Abstract	Mode of administration not relevant	
17.	Jammalamadaka, D., Raissi, S.	2010	Ethylene glycol, methanol and isopropyl alcohol intoxication	Am J Med Sci (2010) Vol. 339(3), pp. 276-81	N	N/A	Full article	Review article	
18.	Jung, H., Idor, A., Bucur, M.D., Jung, A., Keresztesi, A.	2014	A rare case of fatal materno-fetal methanol poisoning. Volatile congeners analysis as forensic evidence	Romanian Journal of Legal Medicine (2014) Vol. 22(1), pp. 63-68	N	N/A	Full article	No description of the test material	
19.	Karayel, F., Turan, A.A., Sav, A., Pakis, I., Akylidiz, E.U., Ersoy, G.	2010	Methanol intoxication pathological changes of Central Nervous System (17 cases)	Am J Forensic Med Pathol (2010) Vol. 31(1), pp. 34-6	Y	2	Full article	Relevant for medical information on the label. Information included on CNS pathology	KCA 5.9.7

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
20.	Kirkland, D., Fowler, P.	2010	Further analysis of Ames-negative rodent carcinogens that are only genotoxic in mammalian cells in vitro at concentrations exceeding 1 mM, including retesting of compounds of concern	Mutagenesis (2010) Vol. 25(6), pp. 539-53	N	N/A	Full paper	Academic paper only, does not inform as to any hazard arising from daminozide	
21.	Kute, V.B., Godara, S.M., Shah, P.R., Gumber, M.R., Gopiani, K.R., Vanikar, A.V., Munjappa, B.C., Patel, H.V., Trivedi, H.L.	2012	Hemodialysis for methyl alcohol poisoning: a single-center experience	Saudi J Kidney Dis Transpl (2012) Vol. 23(1), pp. 37-43	Y	2	Full article	Relevant for medical information on the label. Information available on haemodialysis as treatment for methanol poisoning	KCA 5.9.6
22.	Kwon, B.G., Kim, J.O., Namkung, N.C.	2012	The formation of reactive species having hydroxyl radical-like reactivity from UV photolysis of N-nitrosodimethylamine (NDMA): kinetics and mechanism	Sci Total Environ (2012) Vol. 437, pp. 237-44	N	N/A	Abstract	Though NDMA is a metabolite of daminozide, it has not been observed above 5% AR in degradation studies	
23.	Lee, W.J., Kim, C.S., Lee, S.J., Lee, J., Park, J.H., Yu, K-S., Lim, J., Kwon, S.W.	2014	Investigating the different mechanisms of genotoxic and non-genotoxic carcinogens by a gene set analysis	PLoS One (2014) Vol. 9(1): e86700. Doi: 10.1371/journal.pone.0086700	N	N/A	Abstract	Paper investigates mechanisms of non-genotoxic carcinogenesis. Daminozide was not carcinogenic	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
24.	Li, B., Kim, D-S., Oh, H-W., Lim, H-D., Lee, W., Rhew, K.Y., Kim, H-R., Chae, H-J.	2012	N-nitrosodimethylamine induced lung fibroblast cell death is associated with JNK activation	Molecular & Cellular Toxicology (2012) Vol. 8(2), pp. 155-161	N	N/A	Abstract	Mechanistic information. Would not have any practical impact on the risk assessment for daminozide	
25.	Liang, L., Yan, Z., Wang, W., Wang, H., Yang, N., Liu, Z.	2012	Preliminary screening of aquatic plant sensitive pollutants	Huanjing Kexue Yanjiu (2012) Vol. 25(4), pp. 467-473	N	N/A	Abstract	Toxicity data on higher tier plants for the metabolite, NDMA appears to be reported in the article	
26.	Ma, F., Wan, Y., Yuan, G., Meng, L., Dong, Z., Hu, J.	2012	Occurrence and source of nitrosamines and secondary amines in groundwater and its adjacent Jialu River basin, China	Environ Sci Technol (2012) Vol. 46(6), pp. 3236-43	N	N/A	Abstract	Though NDMA is a metabolite of daminozide, it has not been observed above 5% AR in degradation studies. In addition the study is a groundwater, surface water and wastewater monitoring study performed in China. Climatic conditions and anthropogenic factors (e.g. other industrial sources) have not been shown to be relevant to the EU	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
27.	Maliutina, N.N., Taranenko, L.A.	2014	Cognitive disorders in workers engaged into formaldehyde and methanol production	Med Tr Prom Ekol (2014) Vol. 5, pp. 26-31	Y	4	Abstract	Full article only available in Russian	KCA 5.9
28.	McCallum, G.P., Siu, M., Ondovcik, S.L., Sweeting, J.N., Wells, P.G.	2011	Methanol exposure does not lead to accumulation of oxidative DNA damage in bone marrow and spleen of mice, rabbits or primates	Molecular Carcinogenesis (2011) Vol. 50(3), pp. 163-72	N	N/A	Abstract	Route of administration is not relevant; methanol does not cause DNA damage	
29.	McCallum, G.P., Siu, M., Sweeting, J.N., Wells, P.G.	2011	Methanol exposure does not produce oxidatively damaged DNA in lung, liver or kidney of adult mice, rabbits or primates	Toxicology and Applied Pharmacology (2015) Vol. 250(2), pp. 147-53	N	N/A	Abstract	Route of administration is not relevant; methanol does not cause DNA damage	
30.	Mestankova, H., Schirmer, K., Canonica, S., von Gunten, U.	2014	Development of mutagenicity during degradation of N-nitrosamines by advanced oxidation processes	Water Res (2014) Vol. 66, pp. 399-410	N	N/A	Abstract	Paper compares genotoxic potency of different nitrosamines. Does not provide new knowledge of the toxicity of daminozide	
31.	Mika, O.J., Weissmannova-Dolezalova, H., Fiserova, L.	2014	Mass methanol poisonings in the Czech Republic	Toxin Reviews (2014) Vol. 33(3), pp. 101-106	N	N/A	Full article	Review article	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
32.	Morales-Ramírez, P., Vallarin-Kelly, T., Cruz-Vallejo, V.	2014	Kinetics of micronucleus induction and cytotoxicity caused by distinct antineoplastics and alkylating agents in vivo	Toxicology Letters (2014) Vol. 224(3), pp. 319-25	N	N/A	Full paper	Daminozide and NDMA not investigated	
33.	Myöhänen, K., Vähäkangas, K.	2011	Foetal exposure to food and environmental carcinogens in human beings	Basic Clin Pharmacol Toxicol (2011)	N	N/A	Full article	No additional information on what is known already regarding the toxicity of NDMA and contains no information which would impact on the risk assessment for daminozide	
34.	Padilla, S. Corum, D., Padnos, B., Hunter, D.L., Beam, A., Houck, K.A., Sipes, N., Kleinstreuer, N., Knudsen, T., Dix, D.J., Reif, D.M.	2012	Zebrafish and development screening of the ToxCast Phase I chemical library	Reprod Toxicol (2012) Vol. 33(2), pp. 174-87	Y	1	Full article	Well conducted study including a test for reproducibility of results	KCA 8.2.2.1
35.	Parthasarathy, N.J., Kumar, R.S., Devi, R.S.	2005a	Effect of methanol intoxication on rat neutrophil functions	Journal of Immunotoxicology (2005) Vol. 2(2), pp. 115-21	N	N/A	Full article	Methanol is potentially immunotoxic but mode of administration is not relevant	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/ reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
36.	Parthasarathy, N.J., Kumar, R.S., Karthikeyan, P., Devi, R.S.	2005b	In vitro and in vivo study of neutrophil functions after acute methanol intoxication in albino rats	Toxicological and Environmental Chemistry (2005) Vol. 87(1-4), pp. 559-566	Y	3	Full article	Methanol is potentially acutely immunotoxic but article is poorly described	KCA 5.8.1
37.	Patterson, B.M., Pitoi, M.M., Furness, A.J., Bastow, T.P., McKinley, A.J.	2012	Fate of N-nitrosodimethylamine in recycled water after recharge into anaerobic aquifer	Water Res (2012) Vol. 46(4), pp. 1260-72	N	N/A	Abstract	Though NDMA is a metabolite of daminozide, it has not been observed above 5% AR in degradation studies	
38.	Qamar, M., Muneer, M., Bahnemann, D.	2006	Heterogeneous photocatalysed degradation of two selected pesticide derivatives, triclopyr and daminozid in aqueous suspensions of titanium dioxide	J Environ Manage (2006) Vol. 80(2), pp. 99-106	N	N/A	Abstract	Photolysis is not considered to be an important route of degradation in the environment for daminozide due to its slow degradation rate compared to the microbial degradation in both soil and water. The introduction of artificial photocatalysts is not relevant to the environmental degradation of daminozide	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
39.	Ramirez, I., Dorta, F., Espinoza, V., Jimenez, E., Mercado, A., Pena-Cortes, H.	2006	Effects of foliar and root applications of methanol on the growth of Arabidopsis, tobacco, and tomato plants	Journal of Plant Growth Regulation (2006) Vol. 25(1), pp. 30-44	Y	3	Full article	Referencing the finding for a non-target vegetative vigour plant study. Limited reporting on study design and data evaluation, i.e., no reference on guidance used or statistical methods reported. Foliar application causes an increase of fresh and dry weight in Arabidopsis and tobacco plants, but not in tomato plants	8.6
40.	Richards, B.K., Pacenka, S., Salvucci, A.E., Saia, S.M., Whitbeck, L.F., Furdyna, P.M., Steenhuis, T.S.	2012	Surveying upstate NY well water for pesticide contamination: Cayuga and Orange counties	Ground Water Monitoring & Remediation (2012) Vol. 32(1), pp. 73-82	N	N/A	Abstract	It is not clear from the abstract whether daminozide was one of the investigated pesticides. The study is a groundwater monitoring study performed in the USA and relevance to EU conditions not	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
								demonstrated. Nevertheless daminozide was not detected in any groundwater samples taken from vulnerable wells	
41.	Rodin, I.A., Smirnov, R.S., Smolenkov, A.D., Krechetov, P.P., Shpigun, O.A.	2012	Transformation of unsymmetrical dimethylhydrazine in soils	Eurasian Soil Science (2012) Vol. 45(4), pp. 386-391	N	N/A	Abstract	Based on the information available in the current DAR, UDMH is not formed in soil or water/sediment degradation studies	
42.	Rogers, J.M.	2006	Of mice, men, monkeys and metabolism: An update on the developmental toxicity of methanol	Presented at Teratology Society meeting, June 24-29, 2006	N	N/A	Abstract	Review of teratogenic potential of methanol	
43.	Rose, N.R., Woon, E.C., Tumber, A., Walport, L.J., Chowdhury, R., Li, X.S., King, O.N., Lejeune, C., Ng, S.S., Krojer, T., Chan, M.C., Rydzik, A.M., Hopkinson, R.J., Che, K.H., Daniel,	2012	Plant growth regulator daminozide is a selective inhibitor of human KDM2/7 histone demethylases	J Med Chem (2012) Vol. 55(14), pp. 6639-43	N	N/A	Full paper	IC50 study shows some inhibition of 3 out of 7 histone demethylases examined by daminozide. As daminozide has not produced tumours in carcinogenicity studies (when it might have been	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/ reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
	M., Strain-Damerell, C., Gileadi, C., Kochan, G., Leung, I.K., Dunford, J., Yeoh, K.K., Ratcliffe, P.J., Burgess-Brown, N., von Delft, F., Muller, S., Marsden, B., Brennan, P.E., McDonough, M.A., Oppermann, U., Klose, R.J., Schofield, C.J., Kawamura, A.							used to inform mechanism of action) it is not considered to be relevant	
44.	Rotroff, D.M., Beam, A.L., Dix, D.J., Farmer, A., Freeman, K.M., Houck, K.A., Judson, R.S., LeCluyse, E.L., Martin, M.T., Reif, D.M., Ferguson, S.S.	2010	Xenobiotic-metabolizing enzyme and transporter gene expression in primary cultures of human hepatocytes modulated by ToxCast Chemicals	J Toxicol Environ Health B Crit Rev (2010) Vol. 13(2-4), pp. 329-346	N	N/A	Full article	Research paper only, does not inform as to any hazard arising from daminozide	
45.	Russell, C.G., Blute, N.K., Via, S., Wu, X., Chowdury, Z.	2012	Nationwide assessment of nitrosamine occurrence and trends	Journal – American Water Works Association (2012) Vol. 104(3), pp. 57-58	N	N/A	Abstract	Though NDMA is a metabolite of daminozide, it has not been observed above 5% AR in degradation studies. The study	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/ reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
								reports monitoring data for nitrosamines in drinking water – it is not stated for which country in the Abstract. However, sources could include numerous others, and therefore relevance to the agricultural application of daminozide is not demonstrated	
46.	Sakai, H., Takamatsu, T., Kosaka, K., Kamiko, N., Takizawa, S.	2012	Effects of wavelength and water quality on photodegradation of N-Nitrosodimethylamine (NDMA)	Chemosphere (2012) Vol. 89(6), pp. 702-7	N	N/A	Abstract	Though NDMA is a metabolite of daminozide, it has not been observed above 5% AR in degradation studies. The study summarises possible water treatment to remove NDMA from drinking water	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
47.	Saoudi, M., Jebahi, S., Jamoussi, K., Ben S.G., Kallel, C., El Feki, A.	2011	Haematological and biochemical toxicity induced by methanol in rats: ameliorative effects of <i>Opuntia vulgaris</i> fruit extract	Human & Experimental Toxicology (2011) Vol. 30(12), pp. 1963-71	N	N/A	Abstract	Plant extract effects on haematological and biochemical toxicity induced by methanol	
48.	Saoudi, M., Ben H.A., Trigui, M., Jamoussi, K., Jaoua, S., El Feki, A.	2012	Differential oxidative stress responses to methanol in intraperitoneally exposed rats: ameliorative effects of <i>Opuntia vulgaris</i> fruit extract	Toxicology and Industrial Health (2012) Vol. 28(6), pp. 549-59	N	N/A	Abstract	Method of administration of test material is not relevant	
49.	Schmidt, C.K., Brauch, H.J.	2008	N,N-dimethylsulfamide as precursor for N-nitrosodimethylamine (NDMA) formation upon ozonation and its fate during drinking water treatment	Environ Sci Technol (2008) Vol. 42(17), pp. 6340-6	N	N/A	Abstract	Article regarding the formation of NDMA and UDMH from the tolylfluamide metabolite DMS during drinking water treatment. The paper does not concern daminozide	
50.	Sharma, V., Singh, M.	2012	N-nitrosodimethylamine as a hazardous chemical toxicant in drinking water	International Research Journal of Pharmacy (2012) Vol. 3(3), pp. 60-65	N	N/A	Abstract	A general review of the toxicology of NDMA; already known to be CMR. No new information	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
51.	Siu, M.T., Shapiro, A.M., Wiley, M.J., Wells, P.G.	2013	A role for glutathione, independent of oxidative stress, in the developmental toxicity of methanol	Toxicol Appl Pharmacol (2013) Vol. 273(3), pp. 508-15	N	N/A	Abstract	Method of administration was not relevant	
52.	Sweeting, J.N., Wells, P.G.	2015	New Zealand white rabbit progeny exposed in utero to methanol are resistant to skeletal anomalies reported for rodents, but exhibit a novel vertebral defect	Reproductive Toxicology (2015)	Y	2	Full article	Methanol pharmacokinetics in rabbits, mice and monkeys. Rabbit is the most suitable species to test teratogenicity	KCA 5.8.1
53.	Sweeting, J.N., Siu, M., McCallum, G.P., Miller, L., Wells, P.G.	2010	Species differences in methanol and formic acid pharmacokinetics in mice, rabbits and primates	Toxicol Appl Pharmacol (2010) Vol. 247(1), pp. 28-35	Y	2	Full article	Methanol administered twice intraperitoneally twice on GD 7 or 8	KCA 5.8.1
54.	Sweeting, J.N., Siu, M., Wiley, M.J., Wells, P.G.	2011	Species- and strain-dependent teratogenicity of methanol in rabbits and mice	Reproductive Toxicology (2011), Vol. 31(1), pp. 50-8	N	N/A	Abstract	Mechanistic review; no actual data	
55.	Tatematsu, K., Koide, A., Morimura, K., Fukushima, S., Mori, Y.	2013	The enhancing effect of ethanol on the mutagenic activation of N-nitrosomethylbenzyl amine by cytochrome P450 2A in the rat oesophagus	Mutagenesis (2013) Vol. 28(2), pp. 161-9	N	N/A	Abstract	Synergy study with alcohol. Will not impact on the risk assessment for daminozide	
56.	Toft, G., Flyvbjerg, A., Bode, J.P.	2006	Thyroid function in Danish greenhouse workers	Environ Health (2006) Vol. 5, pp. 32	N	N/A	Abstract	Epidemiology study. Would not be able to relate specifically results to daminozide	

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria	Basis for relevance/reliability decision (title, abstract or full article)	Comments	EU data point
					Y or N	Score			
57.	Wagner, E.D., Hsu, K.M., Lagunas, A., Mitch, W.A., Plewa, M.J.	2012	Comparative genotoxicity of nitrosamine drinking water disinfection byproducts in Salmonella and mammalian cells	Mutat Res (2012) Vol. 741(1-2), pp. 109-15	N	N/A	Abstract	Already known that NDMA is genotoxic	
58.	Wagner, E.D., Osiol, J., Mitch, W.A., Plewa, M.J.	2014	Comparative in vitro toxicity of nitrosamines and nitramines associated with amine-based carbon capture and storage	Environ Sci Technol (2014) Vol. 48(14), pp. 8203-11	N	N/A	Abstract	Investigates a technological application of NDMA. No toxicological relevance	
59.	Weidhaas, J., Dupont, R.R.	2013	Aerobic biotransformation of N-nitrosodimethylamine and N-nitrodimehtylamine in methane and benzene amended soil columns	J Contam Hydrol (2013) Vol. 150, pp. 45-53	N	N/A	Abstract	Though NDMA is a metabolite of daminozide, it has not been observed above 5% AR in degradation studies. The study investigates possible remediation treatment processes for NDMA contaminated water	
60.	Zakharov, S., Navratil, T., Pelclova, D.	2014	Fomepizole in the treatment of acute methanol poisonings: Experience from the Czech mass methanol outbreak 2012-2013	Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub (2014) Vol. 158(4), pp. 641-9	Y	2	Full article	Relevant for medical information on the label	KCA 5.9.6

Appendix 4: All other studies considered to be non-relevant after initial review; ordered by author(s)

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1.	Aardema, M.J., Barnett, B.B., Mun, G.C., Dahl, E.L., Curren, R.D., Hewitt, N.J., Pfuhler, S.	2013	Evaluation of chemicals requiring metabolic activation in the EpiDerm (TM) 3D human reconstructed skin micronucleus (RSMN) assay	Mutat Res (2013) Vol. 750(1-2), pp. 40-9	N	N/A	N/A	Evaluation of EpiDerm reconstructed skin micronucleus assay
2.	Abbas, M.M., Ahmad, S., Anwar, R.	2007	Effect of growth retardants to break apical dominance in Rosa damascena	Pakistan Journal of Agricultural Sciences (2007) Vol. 44(3), pp. 524-528	N	N/A	N/A	Efficacy study
3.	Abdel Rahim, M.A., Hassan, H.B.	2009	Titanium and platinum modified titanium electrodes as catalysts for methanol electro-oxidation	Thin Solid Films (2009) Vol. 517(11), pp. 3362-3369	N	N/A	N/A	Catalysts for methanol electro-oxidation
4.	Abd-El-Latif, A.A., Baltruschat, H.	2011	Formation of methylformate during methanol oxidation revisited: The mechanism	Journal of Electroanalytical Chemistry (2011) Vol. 662(1), pp. 204-212	N	N/A	N/A	Formation of methylformate during methanol oxidation
5.	Abdollahy, M., Moghaddam, A. Z., Rami, K.	2006	Desulfurization of mezino coal using combination of 'flotation' and 'leaching with potassium hydroxide/methanol'	Fuel (2006) Vol. 85(7), pp. 1117	N	N/A	N/A	Desulphurisation of coal
6.	Abida, B., Chirchi, L., Baranton, S., Napporn, T.W., Kochkar, H., Leger, J., Ghorbel, A.	2011	Preparation and characterization of Pt/TiO ₂ nanotubes catalyst for methanol electro-oxidation	Applied Catalysis B: Environmental (2011) Vol. 106(3-4), pp. 609-615	N	N/A	N/A	Preparation and characterization of catalyst for methanol electro-oxidation

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
7.	Abrishami, M., Khalifeh, M., Shoayb, M.	2011	Therapeutic effects of high-dose intravenous prednisolone in methanol-induced toxic optic neuropathy	J Ocul Pharmacol Ther (2011) Vol. 27(3), pp. 261-3	N	N/A	N/A	Effects of steroids for the treatment of methanol optic neuropathy
8.	Abuduxukuer, Y., Zhang, Q., Wang, G.	2011	Effects of B9, CCC and PP333 on the growth and development of Xinfeng walnut	Xinjiang Nongye Kexue (2011) Vol. 48(6), pp. 1028-1032	N	N/A	N/A	Efficacy study
9.	Adamovich, S.N., Mirskov, R.G., Mirskova, A.N., Voronkov, M.G.	2012	Protic ionic liquids based on 1,1-dimethylhydrazine and arylheteroacetic acids	Russian Journal of General Chemistry (2012) Vol. 82(8), pp. 1455-1456	N	N/A	N/A	Protic ionic liquids
10.	Adan, C., Marugan, J., Obregon, S., Colon, G.	2015	Photocatalytic activity of bismuth vanadates under UV-A and visible light irradiation: Inactivation of Escherichia coli vs oxidation of methanol	Catalysis Today (2015) Vol. 240.PA, pp. 93-99	N	N/A	N/A	Photocatalytic activity of bismuth vanadates
11.	Adaramoye, O.A., Popoola, B.O., Farombi, E.O.	2010	Effects of Xylopi aethiopica (Annonaceae) fruit methanol extract on gamma-radiation-induced oxidative stress in brain of adult male Wistar rats	Acta Biol Hung (2010) Vol. 61(3), pp. 250-61	N	N/A	N/A	Plant extract effects in oxidative stress in rat brains
12.	Addiscott, T.M.	2005	Coming to terms with nitrate: public attitudes to science	Addiscott, TM. (2005) pp. 204-224. Nitrate, Agriculture and the Environment	N	N/A	N/A	Public attitudes to science; not relevant to regulatory requirements

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
13.	Adefolaju, G.A., Theron, K.E., Hosie, M.J.	2015	BAX/BCL-2 mRNA and protein expression in human breast MCF-7 cells exposed to drug vehicles- methanol and dimethyl sulfoxide (DMSO) for 24 hrs	Nigerian Medical Journal (2015) Vol. 56(3), pp. 169-74	N	N/A	N/A	BAX/BCL-2 mRNA and protein expression in human breast cells exposed to drug vehicles
14.	Adeneye, A.A.	2008	Haematopoietic effect of methanol seed extract of <i>Citrus paradisi</i> Macfad (grape fruit) in Wistar rats	Biomedical Research (2008) Vol. 19(1), pp. 23-26	N	N/A	N/A	Haematopoietic effect of plant extracts
15.	Adeniyi, B.A., Oluwole, F.S., Anyiam, F.M.	2006	Antimicrobial and antiulcer activities of methanol extract of <i>Allium sativum</i> on <i>Helicobacter pylori</i>	Journal of Biological Sciences (2006) Vol. 6(3), pp. 521-526	N	N/A	N/A	Antimicrobial and antiulcer activities of plant extracts
16.	Adeyemo-Salami, O.A., Makinde, J.M.	2013	Acute and sub-acute toxicity studies of the methanol extract of the leaves of <i>Paullinia pinnata</i> (Linn.) in Wistar albino mice and rats	African Journal of Medicine and Medical Sciences (2015) Vol. 42(1), pp. 81-90	N	N/A	N/A	Plant extract toxicity in rats
17.	Adhikari, A., De, M.	2013	Toxic effects of betel quid	International Journal of Human Genetics (2013) Vol. 13(1), pp. 7-14	N	N/A	N/A	Effects of chewing betel quid on levels of oral cancer
18.	Agar, G., Aslan, A., Saroglu, E.K., Alpsoy, L., Ceker, S.	2011	Protective activity of the methanol extract of <i>Usnea longissima</i> against oxidative damage and genotoxicity caused by aflatoxin B ₁ <i>in vitro</i>	Turkish Journal of Medical Sciences (2011) Vol. 41(6), pp. 1043-1049	N	N/A	N/A	Protective activity of plant extracts against oxidative damage and genotoxicity
19.	Agatz, A., Hammers-Wirtz, M., Gabsi, F., Ratte, H., Brown, C.D., Preuss, T.G.,	2012	Promoting effects on reproduction increase population vulnerability of <i>Daphnia magna</i>	Environ Toxicol Chem (2012) Vol. 31(7), pp. 1604-10	N	N/A	N/A	Combined effects of chemicals with different modes of action on <i>Daphnia</i>

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
20.	Agbata, E.N., Onyemelukwe, N.F., Imo, N.M.	2007	Antimicrobial activities and cellular toxicity of ethanol and methanol extract of <i>Ocimum gatissimum</i> from Enugu, south eastern Nigeria	Nigerian Journal of Health and Biomedical Sciences (2007) Vol. 6(2), pp. 33-38	N	N/A	N/A	Antimicrobial activities and cellular toxicity of plant extracts
21.	Aguayo, A.T., Gayubo, A.G., Vivanco, R., Alonso, A., Bilbao, J.	2005	Initiation step and reactive intermediates in the transformation of methanol into olefins over SAPO-18 catalyst	Industrial & Engineering Chemistry Research (2005) Vol. 44(19), pp. 7279-7286	N	N/A	N/A	Transformation of methanol into olefins
22.	Ahmad, A., Afroz, N., Gupta, U.D., Ahmad, R.	2014	Vitamin B12 supplement alleviates N'-nitrosodimethylamine-induced hepatic fibrosis in rats	Pharm Biol (2014) Vol. 52(4), pp. 516-523	N	N/A	N/A	Vitamin B12 alleviates NDMA-induced hepatic fibrosis in rats; no relevant endpoints investigated
23.	Ahmad, A., Ahmad, R.	2014	Resveratrol mitigate structural changes and hepatic stellate cell activation in N'-nitrosodimethylamine-induced liver fibrosis via restraining oxidative damage	Chem Biol Interact (2014) Vol. 221, pp. 1-12	N	N/A	N/A	In vivo antifibrotic activity of resveratrol against NDMA-induced hepatic fibrosis
24.	Ahmad, A., Saleem, R., Ahmad, R., Maheshwari, V., Ahmad, A.	2012	Observation of esterase-like-albumin activity during N'-nitrosodimethyl amine induced hepatic fibrosis in a mammalian model	Macedonian Journal of Medical Sciences (2012) Vol. 5(1), pp. 55-61	N	N/A	N/A	Esterase-like-albumin activity during NDMA induced hepatic fibrosis

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
25.	Ahmad, M., Akram, N., Malik, A., Sharif, T., Zabta, Ch.M., Alamgeer, Ahmad, B.	2009	Effects of aqueous methanol extract of <i>Albizia lebbek</i> Benth seeds on various biochemical parameters in alloxan-induced diabetic rabbits	Pharmacologyonline (2009) Vol.1, pp. 134-143	N	N/A	N/A	Plant extract effects on biochemical parameters in rabbits
26.	Ahmad, M., Lim, C.P., Akowuah, G.A., Ismail, N.N., Hashim, M.A., Hor, S.Y., Ang, L.F., Yam, M.F.	2013	Safety assessment of standardised methanol extract of <i>Cinnamomum burmannii</i>	Phytomedicine (2013) Vol. 20(12), pp. 1124-30	N	N/A	N/A	Toxicity assessment of plant extracts
27.	Ahmad, R.G., Rasyidah, M.H., Rajab, N.F., Ramli, N., Abdullah, R., Kamarulzaman, F. Harun, Z.	2013	Gene mutation effect of aqueous and methanol extracts of salted fish from Pulau Pinang, Malaysia towards V79 lung fibroblast cells	Sains Malaysiana (2013) Vol. 42(11), pp. 1599-1603	N	N/A	N/A	Effects of salted fish extracts on V79 lung fibroblast cells
28.	Ahmed, A., Xie, Z., Konstas, K., Babarao, R., Todd, B.D., Hill, M.R., Thornton, A.W.	2014	Porous aromatic frameworks impregnated with fullerenes for enhanced methanol/water separation	Langmuir (2014) Vol. 30(48), pp. 14621-30	N	N/A	N/A	Methanol/water separation using porous aromatic frameworks
29.	Ahmed, A.Y., Kandiel, T.A., Ivanova, I., Bahnemann, D.	2014	Photocatalytic and photoelectrochemical oxidation mechanisms of methanol on TiO ₂ in aqueous solution	Applied Surface Science (2014) Vol. 319, pp. 44-49	N	N/A	N/A	Photocatalytic and photoelectrochemical oxidation mechanisms of methanol
30.	Ahmed, M., Anjum, M.A., Ahmed, M.J., Sajid, G.M., Yoqub, A., Shafqat, M., Jammu, A.	2011	Role of plant growth regulators in preservation of Pyrus germplasm in vitro	African Journal of Biotechnology (2011) Vol. 10, pp. 14029-14037	N	N/A	N/A	Role of PGRs in in vitro preservation of pear genotypes

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
31.	Ahmed, N., Morikawa, M., Izumi, Y.	2012	Photocatalytic conversion of carbon dioxide into methanol using optimized layered double hydroxide catalysts	Catalysis today (2012) Vol. 185(1), pp. 263-269	N	N/A	N/A	Photocatalytic conversion of carbon dioxide into methanol
32.	Ahmed, S., Rasul, M.G., Brown, R., Hashib, M.A.	2011	Influence of parameters on the heterogeneous photocatalytic degradation of pesticides and phenolic contaminants in wastewater: A short review	J Environ Manage (2011) Vol. 92(3), pp. 311-30	N	N/A	N/A	Degradation of pesticides and phenolic contaminants in wastewater
33.	Aiello, J.G.	2005	Consider new technologies for low-cost methanol operations. Mega-sized methanol facility yields numerous opportunities for petrochemical and energy markets	Hydrocarbon Processing, International Edition (2005) Vol. 84(4), pp. 47-48,50	N	N/A	N/A	New technologies for low-cost methanol operations
34.	Aili, D., Vassiliev, A., Jensen, J.O., Schmidt, T.J., Li, Q.	2015	Methyl phosphate formation as a major degradation mode of direct methanol fuel cells with phosphoric acid based electrolytes	Journal of Power Sources (2015) Vol. 279, pp. 517-521	N	N/A	N/A	Methyl phosphate formation in direct methanol fuel cells
35.	Aiyalu, R., Subramaniam, I., Govindarajan, A., Ramasamy, A	2014	Evaluation of synergistic effect of methanol leaf extract of <i>Cardiospermum halicacabum</i> and <i>Vitex negundo</i> on inflammation and arthritis	Journal of Herbs, Spices & Medicinal Plants (2014) Vol. 20(4), pp. 372-385	N	N/A	N/A	Effects of plant extracts on inflammation and arthritis
36.	Ajibade, T.O., Arowolo, R., Olayemi, F.O.	2013	Phytochemical screening and toxicity studies on the methanol extract of the seeds of <i>Moringa oleifera</i>	Journal of Complementary & Integrative Medicine (2013) Vol. 10	N	N/A	N/A	Phytochemical screening and toxicity of plant extracts

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
37.	Ajibade, T.O., Olayemi, F.O.	2015	Reproductive and toxic effects of methanol extract of <i>Alchornea cordifolia</i> leaf in male rats	Andrologia (2015) Vol. 47(9), pp. 1034-40	N	N/A	N/A	Toxic effects of plant extracts
38.	Akarmazyan, S.S., Panagiotopoulou, P., Kambolis, A., Papadopoulos, C., Kondarides, D.I.	2014	Methanol dehydration to dimethylether over Al ₂ O ₃ catalysts	Applied Catalysis, B: Environmental (2014) Vol. 145, pp. 136-148	N	N/A	N/A	Methanol dehydration to dimethylether
39.	Akhgari, M., Panahianpour, M.H., Bazmi, E., Etemadi-Aleagha, A., Mahdavi, A., Nazari, S.H.	2013	Fatal methanol poisoning: features of liver histopathology	Toxicology and Industrial Health (2013) Vol. 29(2), pp. 136-41	N	N/A	N/A	Liver histopathology after methanol poisoning; no relevant endpoints investigated
40.	Akin, M.C., Petrik, N.G., Kimmel, G.A.	2009	Electron-stimulated reactions and O ₂ production in methanol-covered amorphous solid water films	The Journal of Chemical Physics (2009) Vol. 130(10): 104710	N	N/A	N/A	Electron-stimulated reactions and O ₂ production in methanol-covered films
41.	Akinboro, A., Mohamed, K.B., Asmawi, M.Z., Othman, A.S., Ying, T.H., Maidin, S.M.	2011	Mutagenic and antimutagenic assessment of methanol leaf extract of <i>Myristica fragrans</i> (Houtt.) using in vitro and in vivo genetic assays	Drug and Chemical Toxicology (2011) Vol. 35(4), pp. 412-22	N	N/A	N/A	Mutagenic and antimutagenic assessment of plant extracts
42.	Akokuah, G.A., May, L.L.Y., Chin, J.H.	2015	Toxicological evaluation of <i>Vernonia amygdalina</i> methanol leave extract in rats	Oriental Pharmacy and Experimental Medicine (2015) Vol. 15(4), pp. 365-369	N	N/A	N/A	Toxicity of plant extract to rats

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43.	Akyol, C., Ince, O., Coban, H., Koksel, G., Cetecioglu, Z., Oz, N.A., Ince, B.	2015	Individual and combined inhibitory effects of methanol and toluene on acetyl-CoA synthetase expression level of acetoclastic methanogen, <i>Methanosaeta concili</i>	International Biodeterioration & Biodegradation (2015) Vol. 105, pp. 233-238	N	N/A	N/A	Inhibitory effects of methanol and toluene on acetyl-CoA synthetase expression
44.	Akyüz, M., Ata, Ş.	2013	Seasonal variations of particle-associated nitrosamines by gas chromatography-mass spectrometry in the atmospheric environment of Zonguldak, Turkey	Environ Sci Pollut Res Int (2013) Vol. 20(10), pp. 7398-412	N	N/A	N/A	Analytical method for detection of particle-associated nitrosamines
45.	Alam, M.A., Jahan, R., Rahman, S., Das, A.K., Rahmatullah, M.	2011	Antinociceptive and anti-hyperglycemic activity of methanol leaf extract of <i>Cyperus scariosus</i>	Pak J Pharm Sci (2011) Vol. 24(1), pp. 53-6	N	N/A	N/A	Antinociceptive and anti-hyperglycemic activity of plant extracts
46.	Alarifi, A., Alsobhi, S., Elkamel, A., Croiset, E.	2015	Multiobjective optimization of methanol synthesis loop from synthesis gas via a multibed adiabatic reactor with additional interstage CO ₂ quenching	Energy & Fuels (2015) Vol. 29(1/2), pp. 530-537	N	N/A	N/A	Optimisation of methanol synthesis from natural gas
47.	Albrecht, P.M., Mullins, D.R.	2013	Adsorption and reaction of methanol over CeO _x (100) thin films	Langmuir (2013) Vol. 29(14), pp. 4559-67	N	N/A	N/A	Adsorption and reaction of methanol over CeO _x (100) thin films
48.	Albuquerque, T.C.S., Mouco, M.A. do C., Neto, A.A. de A.	2008	Plant growth regulators on macronutrients in Italia grapes	Bragantia (2008) Vol. 67(3) p. 553-561	N	N/A	N/A	Efficacy study

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49.	Aldous, L., Compton, R.G.	2011	Towards mixed fuels: The electrochemistry of hydrazine in the presence of methanol and formic acid	Chemphyschem (2011) Vol. 12(7), pp. 1280-7	N	N/A	N/A	Electrochemistry of hydrazine in the presence of methanol and formic acid
50.	Alebachew, M., Kinfu, Y., Makonnen, E., Bekuretsion, Y., Urga, K., Afework, M.	2014	Toxicological evaluation of methanol leaves extract of <i>Vernonia bipontini</i> Vatke in blood, liver and kidney tissues of mice	African Health Sciences (2014) Vol. 14(4), pp. 1012-24	N	N/A	N/A	Plant extract toxicity on mice
51.	Alemy, S., Karami, M., Hossini, E., Ebrahimzadeh, M.A., Majd, N.S.	2012	Antinociceptive activity and effect of methanol extract of <i>Salvia limbat</i> on withdrawal syndrome in mice	European Review for Medical and Pharmacological Sciences (2012) Vol. 16(1), pp. 38-42	N	N/A	N/A	Antinociceptive activity and effect of plant extracts
52.	Alexopoulos, A.A., Akoumianakis, K.A., Olympios, C.M., Passam, H.C.	2007	The effect of the time and mode of application of gibberellic acid and inhibitors of gibberellin biosynthesis on the dormancy of potato tubers grown from true potato seed	Journal of the Science of Food and Agriculture (2007) Vol. 87(10), pp. 1973-1979	N	N/A	N/A	Efficacy study
53.	Alexopoulos, A.A., Akoumianakis, K.A., Passam, H.C.	2006	Effect of plant growth regulators on the tuberisation and physiological age of potato (<i>Solanum tuberosum</i> L.) tubers grown from true potato seed	Canadian Journal of Plant Science (2006) Vol. 86(4), pp. 1217-1225	N	N/A	N/A	Effect of PGRs on potatoes
54.	Alikhanidi, S., Takahashi, Y.	2004	Pesticide persistence in the environment - collected data and structure-based analysis	Journal of Computer Chemistry (2004) Vol. 3(2), pp. 59-70	N	N/A	N/A	Grouping of pesticides for persistence

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55.	Al-Kaseem, M., Al-Assaf, Z., Karabeet, F.	2014	A rapid, validated RP-HPLC method for the determination of seven volatile N-nitrosamines in meat	Pharmacology & Pharmacy (2014) Vol. 5(3), pp. 298-30	N	N/A	N/A	Analytical detection of nitrosamines in foodstuffs
56.	Al-Kaseem, M., Al-Assaf, Z., Karabeet, F.	2014	Determination of seven volatile N-nitrosamines in fast food	Pharmacology & Pharmacy (2014) Vol. 5(2), pp. 195-203	N	N/A	N/A	Analytical detection of nitrosamines in foodstuffs
57.	Al-Kaseem, M., Al-Assaf, Z., Karabeet, F.	2014	Development and validation of GC-FID method for the determination of volatile N-nitrosamines in meat	Int J Pharm Sci Rev Res (2014) Vol. 25(1), pp. 59-64	N	N/A	N/A	Analytical detection of nitrosamines in foodstuffs
58.	Al-Mansoub, M.A., Asmawi, M.Z., Murugaiyah, V.	2013	Evaluation of antihyperlipidemic effect of aqueous and methanol extracts of <i>Garcinia atroviridis</i> in Poloxamer 407-induced acute hyperlipidemic rats	The Open Conference Proceedings Journal (2013) Vol. 4, pp. 26-26	N	N/A	N/A	Antihyperlipidemic effect of plant extracts
59.	Al-Mazroai, L.S., Bowker, M., Davies, P., Dickinson, A., Greaves, J., James, D., Millard, L.	2007	The photocatalytic reforming of methanol	Catalysis Today (2007) Vol. 122(1/2), pp. 46-50	N	N/A	N/A	The photocatalytic reforming of methanol
60.	Al-Sayed, E., Hamid, H.A., Abu El Einin, H.M.	2014	Molluscicidal and antischistosomal activities of methanol extracts and isolated compounds from <i>Eucalyptus globulus</i> and <i>Melaleuca styphelioides</i>	Pharm Biol (2014) Vol. 52(6), pp. 698-705	N	N/A	N/A	Molluscicidal and antischistosomal activities of plant extracts

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61.	Aluir, G.S., Motayed, A., Davydov, A.V., Oleshko, V.P., Bertness, K.A., Sanford, N.A., Mulpuri, R.V.	2012	Methanol, ethanol and hydrogen sensing using metal oxide and metal (TiO ₂ -Pt) composite nanoclusters on GaN nanowires: a new route towards tailoring the selectivity of nanowire/nanocluster chemical sensors	Nanotechnology (2012) Vol. 23(17), pp. 177501	N	N/A	N/A	Methanol sensing using metal oxide and metal composite nanoclusters on GaN nanowires
62.	Alvaro-Munoz, T., Marquez-Alvarez, C., Sastre, E.	2013	Enhanced stability in the methanol-to-olefins process shown by SAPO-34 catalysts synthesized in biphasic medium	Catalysis Today (2013) Vol. 215, pp. 208-215	N	N/A	N/A	Enhanced stability in the methanol-to-olefins process
63.	Aly, H.F., Mohamad, H.E-S., Soliman, A.M., Shams, S.G.E.	2014	Role of melatonin in management of partially hepatectomized and/or propagated- cirrhotic livers of rats	International Journal of Pharmaceutical Sciences Review & Research (2014) Vol. 26(1), p. 11	N	N/A	N/A	Effects of melatonin on partial hepatectomized and propagated-cirrhotic livers of rats; no relevant endpoints investigated
64.	Alzweiri, M., Parkinson, J.A., Watson, D.W., Steer, S.	2011	Microscopic trends in methanol/water and acetonitrile/water systems	Jordan Journal of Pharmaceutical Sciences (2011) Vol. 4(1), pp. 20-28	N	N/A	N/A	Microscopic trends in methanol/water and acetonitrile/water systems
65.	Amabeoku, G.	2008	Anticonvulsant activity of <i>Nylandtia spinosa</i> L. Dumont (Polygalaceae) aqueous and methanol leaf extracts in mice	Hum Exp Toxicol (2008) Vol. 27(11), pp. 811-8	N	N/A	N/A	Anticonvulsant activity of plant extracts

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66.	Amabeoku, G.J., Bamuamba, K.	2010	Evaluation of the effects of <i>Olea europaea</i> L. subsp. <i>africana</i> (Mill.) P.S. Green (Oleaceae) leaf methanol extract against castor oil-induced diarrhoea in mice	The Journal of Pharmacy and Pharmacology (2010) Vol. 62(3), pp. 368-73	N	N/A	N/A	Plant extract effects against diarrhoea in mice
67.	Amadi, C.N., Odigie, J.O., Siminialayi, I.M.	2009	The effects of methanol extract of <i>cleistopholis patens</i> on the reproductive system of female Wistar rats	Asian Pacific Journal of Tropical Medicine (2009) Vol. 2(1), pp. 6-12	N	N/A	N/A	Plant extract toxicity
68.	Amato, P., Demeer, F., Melaouhi, A., Fontanella, S., Martin-Biesse, A-S., Sancelme, M., Delort, A-M., Laj, P,	2007	A fate for organic acids, formaldehyde and methanol in cloud water: Their biotransformation by micro-organisms	Atmospheric Chemistry and Physics (2007) Vol. 7(15), pp. 4159-4169	N	N/A	N/A	Biotransformation of methanol in cloud water
69.	Amling, J.W., Keever, G.J., Kessler, J.R. Jr, Eakes, D.J.	2005	Response of 'Moonbeam' coreopsis and 'Goldsturm' rudbeckia to B-Nine and Cycocel	Journal of Environmental Horticulture (2005) Vol. 23(1), pp. 25-28	N	N/A	N/A	Efficacy study
70.	An, Z., Li, P., Zhang, X., Liu, L.	2014	Simultaneous determination of hydrazine, methylhydrazine, and 1,1-dimethylhydrazine in rat plasma by LC-MS/MS	Journal of Liquid Chromatography & Related Technologies (2014) Vol. 37(9), pp. 1212-1225	N	N/A	N/A	Analytical detection of hydrazines in rat plasma
71.	Anathi, T., Chitra, M.	2013	Gas chromatography-mass spectrometry analysis of methanol extract of <i>Michelia champaca</i> L. Flowers	Journal of Cell and Tissue Research (2013) Vol. 13(1), pp. 3531-3534	N	N/A	N/A	Analysis of plant extracts

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72.	Andersen, C., Schjoldager, J.G., Tortzen, C.G., Vegge, A., Hufeldt, M.R., Skaanild, M.T., Vogensen, F.K., Kristiansen, K., Hansen, A.K., Nielsen, J.	2013	2-heptyl-formononetin increases cholesterol and induces hepatic steatosis in mice	Biomed Res Int (2013) 2013:926942	N	N/A	N/A	Effects of formononetin and 2-heptyl-formononetin on lipid and cholesterol metabolism
73.	Andresen, H., Schmoltdt, H., Matschke, J., Flachskampf, F.A, Turk, E.E.	2008	Fatal methanol intoxication with different survival times – Morphological findings and postmortem methanol distribution	Forensic Science International (2008) Vol. 179(2-3), pp. 206-210	N	N/A	N/A	Morphological findings and postmortem distribution following fatal methanol intoxication
74.	Andrzejewski, P., Fijolek, L., Nawrocki, J.	2012	An influence of hypothetical products of dimethylamine ozonation on N-nitrosodimethylamine formation	Hazard Mater (2012) Vol. 229-230, pp. 340-5.	N	N/A	N/A	Formation of NDMA; no relevant endpoints investigated
75.	Anitha, M., Kamarudin, S.K., Shamsul, N.S., Kofli, N.T.	2015	Determination of bio-methanol as intermediate product of anaerobic co-digestion in animal and agriculture wastes	International Journal of Hydrogen Energy (2015) Vol. 40(35), pp. 11791-11799	N	N/A	N/A	Determination of bio-methanol as intermediate product of anaerobic co-digestion
76.	Anjuwon, T.M., Ibrahim, S., Nok, A.J.	2015	Evaluation of in-vivo antimalarial activity of methanol leaf extract of <i>Glyphaea brevis</i> in Plasmodium berghei-infected mice	Tropical Journal of Pharmaceutical Research (2015) Vol. 14(10), pp. 1837-1842	N	N/A	N/A	Antimalarial activity of plant extract

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77.	Annapureddy, H.V.R., Dang, L.X.	2012	Molecular mechanism of the adsorption process of an iodide anion into liquid-vapor interfaces of water-methanol mixtures	The Journal of Chemical Physics (2012) Vol. 137(21), pp. 214705	N	N/A	N/A	Adsorption process of an iodide anion into liquid-vapor interfaces of water-methanol mixtures
78.	Anowi, C.F., Ike, C., Ezeokafor, E., Ebere, C.	2012	The phytochemical, antispasmodic and antidiarrhoea properties of the methanol extract of the leaves of <i>Buchholzia coriacea</i> family capparaceae	International Journal of Current Pharmaceutical Research (2012) Vol. 4(3), pp. 52-55	N	N/A	N/A	Phytochemical, antispasmodic and antidiarrhoea properties of plant extracts
79.	Anowi, C.F., Umeokoli, B.O., Onyegbule, A.F., Okonkwo, C., Chibeze, I.	2012	Analgesic, phytochemical and acute toxicity evaluation of the methanol extract of the leaves of <i>Pterocarpus santalinoides</i> - family Fabacea	IJPSR (2012) Vol. 3(7), pp. 2018-2023	N	N/A	N/A	Analgesic, phytochemical and acute toxicity of plant extracts
80.	Antonello, V.S., Kliemann, D.A., Rigel Santos, B., Tovo, C.V.	2014	HAART and liver: is it safe?	J Infect Dev Ctries (2014) Vol. 8(11), pp. 1444-50	N	N/A	N/A	Effects of hepatitis on hepatotoxicity after HIV treatment
81.	Arafat, O.M., Tham, S.Y., Sadikun, A., Zhari, I., Houghton, P.J., Asmawi, M.Z.	2008	Studies on diuretic and hypouricemic effects of <i>Orthosiphon stamineus</i> methanol extracts in rats	Journal of Ethnopharmacology (2008) Vol. 118(3), pp. 354-60	N	N/A	N/A	Diuretic and hypouricemic effects of plant extracts
82.	Aragón, M., Marcé, R.M., Borrull, F.	2013	Determination of N-nitrosamines and nicotine in air particulate matter samples by pressurized liquid extraction and gas chromatography-ion trap tandem mass spectrometry	Talanta (2013) Vol. 115, pp. 896-901	N	N/A	N/A	Analytical method for detection of nitrosamines in air

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83.	Araya, S.S., Andreasen, S.J., Kaer, S.K.	2012	Experimental characterization of the poisoning effects of methanol-based reformate impurities on a PBI-based high temperature PEM fuel cell	Energies (2012) Vol. 5(11), pp. 4251-4267	N	N/A	N/A	Poisoning effects of methanol-based reformate impurities on a PEM fuel cell
84.	Arena, F., Mezzatesta, G., Zafarana, G., Trunfio, G., Frusteri, F., Spadaro, L.	2013	How oxide carriers control the catalytic functionality of the Cu–ZnO system in the hydrogenation of CO ₂ to methanol	Catalysis Today (2013), pp. 39-46	N	N/A	N/A	Catalytic functionality in the hydrogenation of CO ₂ to methanol
85.	Arikanoglu, A., Yüksel, H., Göçmez, C., Uzar, E., Acar, A., Aluçlu, M.U., Nöroloji, A.D.D	2013	Effect of caffeic acid phenethyl ester on cerebellar tissue damage secondary to methanol intoxication: Experimental study	Türk Noroloji Dergisi (2013) Vol. 19(3), pp. 93-96	N	N/A	N/A	Effect of caffeic acid phenethyl ester on cerebellar tissue damage after methanol intoxication
86.	Arisetty, S.	2010	Investigation of methanol transport and reaction kinetics in direct methanol fuel cells	In Dissertation Abstracts International (2010) Vol. 71(11), Suppl. B, 209 p. 2010, 209	N	N/A	N/A	Methanol transport and reaction kinetics in direct methanol fuel cells
87.	Armenta, S., Garrigues, S., de la Guardia, M.	2007	Partial least squares-near infrared determination of pesticides in commercial formulations	Vibrational Spectroscopy (2007) Vol. 44(2), pp. 273-278	N	N/A	N/A	Analytical method for determination of pesticides in formulations
88.	Armenta, S., Garrigues, S., de la Guardia, M.	2008	Quality control of agrochemical formulations by diffuse reflectance near infrared spectrometry	Journal of Near Infrared Spectroscopy (2008) Vol. 16(2), pp. 129-137	N	N/A	N/A	Analytical method for determination of pesticides in formulations
89.	Arora, J., Roat, C., Goyal, S., Ramawat, K.G.	2009	High stilbenes accumulation in root cultures of <i>Cayratia trifolia</i> (L.) Domin grown in shake flasks	Acta Physiol Plant (2009) Vol. 31, pp. 1307-1312	N	N/A	N/A	Accumulation of stilbenes in root cultures

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90.	Arriaga, S., Acosta-Munguía, J.A., Pérez-Martínez, A.S., León-Rodríguez, A. De, Barba de la Rosa, A.P.	2010	Coupling aerobic biodegradation of methanol vapors with heterologous protein expression of endochitinase Ech42 from <i>Trichoderma atroviride</i> in <i>Pichia pastoris</i>	Bioresource Technology (2010) Vol. 101(24), pp. 9661-5	N	N/A	N/A	Aerobic biodegradation of methanol
91.	Arunachalam, K., Thangaraj, P.	2014	Antidiabetic and enzymatic antioxidant properties from methanol extract of <i>Ficus talboti</i> bark on diabetic rats induced by streptozotocin	Asian Pacific Journal of Reproduction (2014) Vol. 3(2), pp. 97-105	N	N/A	N/A	Antidiabetic and enzymatic antioxidant properties of plant extract
92.	Asgari, N.M., Mohammadi, S.	2015	The evaluation of the analgesic effects and acute toxicity of methanol extract of <i>Pimpinella anisum</i> . L in male Wistar rats	Journal of Babol University of Medical Sciences (2015) Vol. 17(5), pp. 59-65	N	N/A	N/A	Toxicity of plant extracts in rats
93.	Aslan, A., Agar, G., Alpsoy, L., Kotan, E., Ceker, S.	2012	Protective role of methanol extracts of two lichens on oxidative and genotoxic damage caused by AFB1 in human lymphocytes in vitro	Toxicology and Industrial Health (2012) Vol. 28(6), pp. 505-12	N	N/A	N/A	Protective role of lichen extracts to oxidative and genotoxic damage
94.	Aslani, F., Juraimi, A.S., Ahmad-Hamdani, M.S., Omar, D., Alam, M.A., Hashemi, F.S.G., Hakim, M.A., Uddin, M.K.	2014	Allelopathic effect of methanol extracts from <i>Tinospora tuberculata</i> on selected crops and rice weeds	Acta Agriculturae Scandinavica (2014) Vol. 64(2), pp. 165-177	N	N/A	N/A	Allelopathic effect of plant extracts
95.	Asrar, A-W., Elhindi, K., Abdel-Fattah, G., El-Nashar, Y., Abdel-Salam, E.	2014	Growth and flowering of chrysanthemum cultivars as affected by Alar and levels of slow-release fertilizer	Food, Agriculture and Environment (2014) Vol. 12(2), pp. 1342-1349	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
96.	Asrar, A-W., Elhindi, K., Abdel-Salam, E.	2014	Growth and flowering response of chrysanthemum cultivars to Alar and slow-release fertilizer in an outdoor environment	Food, Agriculture and Environment (2014) Vol. 12(2), pp. 963-971	N	N/A	N/A	Efficacy study
97.	Assam, A.J.P., Dzoyem, J.P., Pieme, C. A., Penlap, V.B.	2010	In vitro antibacterial activity and acute toxicity studies of aqueous-methanol extract of <i>Sida rhombifolia</i> Linn. (Malvaceae)	BMC complementary and alternative medicine 10 (Jul 27, 2010): 40	N	N/A	N/A	In vitro antibacterial activity and acute toxicity of plant extracts
98.	Assiongbon, K.A., Roy, D.	2005	Electro-oxidation of methanol on gold in alkaline media: Adsorption characteristics of reaction intermediates studied using time resolved electro-chemical impedance and surface plasmon resonance techniques	Surface Science (2005) Vol. 594(1-3), pp. 99-119	N	N/A	N/A	Electro-oxidation of methanol on gold
99.	Atanasova, V., Donchev, N., Gatseva, P.	2012	Electron microscopic changes in rat liver under the influence of black chokeberry juice under the conditions of diethylnitrosamine induced carcinogenesis	Bulgarian Medical Journal (2012) Vol. 6(1), pp. 46-53	N	N/A	N/A	Effect of chokeberry juice on rats under the influence of DENA
100.	Ateba, S B; Simo, R V; Mbanya, J C; Krenn, L; Njamen, D	2014	Safety profile and gender specific differences of a methanol extract of <i>Eriosema laurentii</i> (Leguminosae) in acute and subchronic (28 days) oral toxicity studies in Wistar rats	Food and Chemical Toxicology (2014) Vol. 65, pp. 27-32	N	N/A	N/A	Plant extract toxicity in rats

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
101.	Aulenta, F., Gossett, J.M., Papini, M.P., Rosselitti, S., Majone, M.	2005	Comparative study of methanol, butyrate, and hydrogen as electron donors for long-term dechlorination of tetrachloroethene in mixed anaerobic cultures	Biotechnol Bioeng (2005) Vol. 91(6), pp. 743-53	N	N/A	N/A	Electron donors for long-term dechlorination of tetrachloroethene
102.	Avgouropoulos, G., Neophytides, S.G.	2012	Performance of internal reforming methanol fuel cell under various methanol/water concentrations	J Appl Electrochem (2012) Vol. 42, pp. 719-26	N	N/A	N/A	Performance of methanol fuel cells
103.	Avgouropoulos, G., Papavasiliou, J., Ioannides, T., Neophytides, S.	2015	Insights on the effective incorporation of a foam-based methanol reformer in a high temperature polymer electrolyte membrane fuel cell	Journal of Power Sources (2015) Vol. 296, pp. 335-343	N	N/A	N/A	Incorporation of methanol reformer on electrolyte membrane fuel cell
104.	Avital-Shmilovici, M., Shabat, D.	2010	Dendritic chain reaction: responsive release of hydrogen peroxide upon generation and enzymatic oxidation of methanol	Bioorg Med Chem (2010) Vol. 18(11), pp. 3463-7	N	N/A	N/A	Signal amplification for sensitivity of diagnostic methods
105.	Awang, N., Ismail, A.F., Jaafar, J., Matsuura, T., Junoh, H., Othman, M.H.D., Rahman, M.A.	2015	Functionalization of polymeric materials as a high performance membrane for direct methanol fuel cell: A review	Reactive and Functional Polymers 86 (2015): 248-258.	N	N/A	N/A	High performance membrane for direct methanol fuel cell
106.	Awasthi, R., Singh, R.N.	2012	Optimization of the Pd-Sn-GNS nanocomposite for enhanced electrooxidation of methanol	International Journal of Hydrogen Energy (2012) Vol. 37(3), pp. 2103-2110	N	N/A	N/A	Optimization of nanocomposite for electrooxidation of methanol

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107.	Awasthi, R., Singh, R.N.	2013	Graphene-supported Pd-Ru nanoparticles with superior methanol electrooxidation activity	Carbon (2013) Vol. 51, pp. 282-289	N	N/A	N/A	Nanoparticles with superior methanol electrooxidation activity
108.	Awate, S V; Deshpande, S S; Rakesh, K; Dhanasekaran, P; Gupta, N M	2011	Role of micro-structure and interfacial properties in the higher photocatalytic activity of TiO ₂ -supported nanogold for methanol-assisted visible-light-induced splitting of water	PCCP 13.23 (Jun 21, 2011): 11329-39.	N	N/A	N/A	Textural, microstructural and interfacial properties of nanocomposites in relation to their photocatalytic activity
109.	Ayanwuyi, L.O., Yaro, A.H., Abodunde, O.M.	2010	Analgesic and anti-inflammatory effects of the methanol stem bark extract of <i>Prosopis africana</i>	Pharm Biol (2010) Vol. 48(3), pp. 296-9	N	N/A	N/A	Analgesic and anti-inflammatory effects of plant extracts
110.	Aydin, E., Yaman, F.B., Ates Genceli, E., Topuz, E., Erdim, E., Gurel, M., Ipek, M., Pehlivanoglu-Mantas, E.	2012	Occurrence of trihalomethanes and N-nitrosodimethylamine precursors in a watershed: Effect of seasons and anthropogenic pollution	J Hazard Mater (2012) Vol. 221-222, pp. 86-91	N	N/A	N/A	Occurrence of NDMA precursors in water
111.	Ayinde, B.A., Ewoigbokhan, O.I.	2010	Growth inhibitory and cytotoxic effects of the methanol extracts of <i>Ficus exasperata</i> Vahl (Moraceae) root bark	Nigerian Journal of Natural Products and Medicine 14 (2010): 6-9	N	N/A	N/A	Growth inhibitory and cytotoxic effects of plant extracts
112.	Aysu, T., Küçük, M.M.	2013	Liquefaction of giant fennel (<i>Ferula orientalis</i> L.) in supercritical organic solvents: Effects of liquefaction parameters on product yields and character	The Journal of Supercritical Fluids (2013) Vol. 83, pp. 104-123	N	N/A	N/A	Liquefaction of giant fennel

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113.	Azmak, D.	2006	Methanol related deaths in Edirne	Leg Med (2006) Vol. 8(1), pp. 39-42	N	N/A	N/A	Levels of methanol related deaths in Turkey
114.	Babbitt, C.W., Pacheco, A., Lindner, A.S.	2009	Methanol removal efficiency and bacterial diversity of an activated carbon biofilter	Bioresource Technology (2009) Vol. 100(24), pp. 6207-6216	N	N/A	N/A	Biofilter bacterial diversity and efficiency
115.	Badrane, N., Amri, F.Z., Khaya, M., Ghandi, M., Elmrabeh, S., Daoud, N.A., Idrissi, M., Chahdi, F.O., Rodi, Y.K., Bencheikh, R.S.	2014	Validation of a quantitative determination method of methanol in blood using gas chromatography with flame ionization detection after a headspace sampling	International Journal of Innovation and Applied Studies 7.3 (Aug 2014): 1038.	N	N/A	N/A	Analytical method for detection of methanol in blood
116.	Baer-Dubowska, W., Szafer, H.	2013	Modulation of carcinogen-metabolizing cytochromes P450 by phytochemicals in humans	Expert Opin Drug Metab Toxicol (2013) Vol. 9(8), pp. 927-41	N	N/A	N/A	Modulation of carcinogen-metabolising cytochromes P450 by phytochemicals
117.	Bagchi, D., Swaroop, A., Preuss, H.G., Bagchi, M.	2014	Free radical scavenging, antioxidant and cancer chemoprevention by grape seed proanthocyanidin: an overview	Mutat Res Fundam Mol Mech Mutagen (2014) Vol. 768, pp. 69-73	N	N/A	N/A	Overview of proanthocyanidin pharmacological and therapeutic benefits
118.	Bahadori, A.	2007	Model accurately predicts HC solubility in methanol	Oil & Gas Journal (2007) Vol. 105(33), pp. 40-42	N	N/A	N/A	HC solubility in methanol
119.	Bahruji, H; Bowker, M; Davies, P R; Kennedy, J; Morgan, D J	2015	The importance of metal reducibility for the photo-reforming of methanol on transition metal-TiO2 photocatalysts and the use of non-precious metals	International Journal of Hydrogen Energy 40.3 (2015): 1465-1471	N	N/A	N/A	Photoreforming of methanol on photocatalysts

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120.	Baichev, I.V., Il'in, A.A., Rumyantsev, R.N., Nikionorova, N.E., Il'in, A.P.	2014	Recovery of MoO ₃ from spent catalysts of partial oxidation of methanol to formaldehyde	Inorganic Synthesis and Industrial Inorganic Chemistry (2014) Vol. 87(3), pp. 265-269	N	N/A	N/A	Recovery of MoO ₃ from spent
121.	Bairagi, S M; Aher, A A; Nema, N; Nimase, P K	2012	Anti-inflammatory evaluation of methanol extract and aqueous fraction of the bark of <i>Bauhinia variegata</i> (Leguminosae).	International Journal of Research in Pharmacy and Chemistry 2.1 (2012): 77-82.	N	N/A	N/A	Anti-inflammatory evaluation of plant extracts
122.	Bakry, F A; Mohamed, R T; Hasheesh, W S	2011	Impact of methanol extract of <i>Adenium obesum</i> plant on some biochemical and biological parameters of <i>Bulinus truncatus</i> snails	Journal of Evolutionary Biology Research 3.6 (2011): 87	N	N/A	N/A	Effects of plant extracts on biological parameters of snails
123.	Bal, J.S.	2006	Effect of pre-harvest spray of growth regulators on ambient storage of ber	Internat J Agric Sci (2006) Vol. 2(1) pp. 9-12	N	N/A	N/A	Efficacy study
124.	Balakrishnan, B; Indap, M M; Singh, S P; Krishna, C M; Chiplunkar, S V	2014	Turbo methanol extract inhibits bone resorption through regulation of T cell function	Bone 58 (Jan 2014): 114-25.	N	N/A	N/A	Turbo methanol extract inhibits bone resorption
125.	Balamurugan, R; Ignacimuthu, S	2011	Antidiabetic and hypolipidemic effect of methanol extract of <i>Lippia nodiflora</i> L. in streptozotocin induced diabetic rats	Asian Pacific Journal of Tropical Biomedicine 1.Suppl. 1 (Oct 2011): S30-S36.	N	N/A	N/A	Antidiabetic and hypolipidemic effect of plant extracts
126.	Balk, M., Weijma, J., Goorissen, H.P., Ronteltap, M., Hansen, T.A., Stams, A.J.	2007	Methanol utilizing <i>Desulfotomaculum</i> species utilizes hydrogen in a methanol-fed sulfate-reducing bioreactor	Appl Microbiol Biotechnol (2007) Vol. 73(5), pp. 1203-11	N	N/A	N/A	Metanol-utilising bacteria utilises hydrogen in a bioreactor

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127.	Ban, J.Y., Cho, S.O., Koh, S., Song, K-S., Bae, K.W., Seong, Y.H.	2006	Protection of amyloid beta protein (25-35)-induced neurotoxicity by methanol extract of <i>Smilacis chinae</i> rhizome in cultured rat cortical neurons	Journal of ethnopharmacology 106.2 (Jun 30, 2006): 230-7	N	N/A	N/A	Protective effects of plant extracts on neurotoxicity
128.	Banerjee, R., Proshlyakov, Y., Lispcomb, J.D., Proshlyakov, D.A.	2015	Structure of the key species in the enzymatic oxidation of methane to methanol	Nature (2015) Vol. 518, pp. 431-434	N	N/A	N/A	Enzymatic oxidation of methane to methanol
129.	Banfalvi, G.	2012	Role of parathymic lymph nodes in metastatic tumor development	Cancer Metastasis Rev (2012) Vol. 31(1-2), pp. 89-97.	N	N/A	N/A	Role of parathymic lymph nodes in metastatic tumour development
130.	Banwell, M.G., Coster, M.J., Hungerford, N.L., Garson, M.J., Su, S., Kotze, A.C., Munro, M.H.	2012	3,4'-linked bis(piperidines) related to the haliclonacyclamine class of marine alkaloids: synthesis using crossed-aldol chemistry and preliminary biological evaluations	Org Biomol Chem (2012) Vol. 10(1), pp. 154-61	N	N/A	N/A	Synthesis of 3,4'-linked bis(piperidines)
131.	Bapna, M., Parashar, B., Sharma, V.K., Chouhan, L.S.	2012	Microwave-assisted synthesis of some novel and potent antibacterial and antifungal compounds with biological screening	Medicinal Chemistry Research (2012) Vol. 21(7), pp. 1098-1106	N	N/A	N/A	Synthesis of novel antibacterial and antifungal compounds
132.	Barbara, K., Ewa, K., Jerzy, K., Aleksander, C.	2006	The effect of growth regulators on quality parameters and ginsenosides accumulation in <i>Panax quinquefolium</i> L. roots	Plant Growth Regulation (2006) Vol. 48, pp. 13-19	N	N/A	N/A	Efficacy study

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133.	Barbaud, A., Waton, J., Herbeth, B., Bursztejn, A.C., Bollaert, M., Schmutz, J.L., Guéant-Rodriguez, R.M., Namour, F., Guéant, J.L., Aimone-Gastin, I.	2014	Comparison of cytokine gene polymorphism in drug-induced maculopapular eruption, urticaria and drug reaction with eosinophilia and systemic symptoms (DRESS)	J Eur Acad Dermatol Venereol (2014) Vol. 28(4), pp. 491-9	N	N/A	N/A	Investigation into polymorphisms in cytokine genes and genetic susceptibility to adverse drug reactions
134.	Barcón, T; Alonso-Gutiérrez, J; Omil, F	2012	Molecular and physiological approaches to understand the ecology of methanol degradation during the biofiltration of air streams	Chemosphere 87.10 (Jun 2012): 1179-85.	N	N/A	N/A	The ecology of methanol degradation during the biofiltration of air streams
135.	Barneze, A.S., Mazzetto, A.M., Zani, C.F., Misselbrook, T., Cerri, C.C.	2014	Nitrous oxide emissions from soil due to urine deposition by grazing cattle in Brazil	Atmospheric Environment (2014) Vol. 92, pp. 394-397	N	N/A	N/A	Nitrous oxide emissions from soil due to urine deposition by cattle
136.	Barzdo, M., Gloc, E., Meissner, E., Jurczyk, A.P., Janowska, B., Berent, J., Szram, S.	2005	Changes of the concentration of lipid peroxidation products and thiol groups in rat brains with long-term intoxication with methanol	Arch Med Sadowej Kryminol (2005) Vol. 55(1), pp. 39-41	N	N/A	N/A	Effects of methanol on lipid peroxidation products and thiol groups in rat brains
137.	Bashir, M K; Ismail, S; Ma, H.Q; Abdullah, N H; Hussin, A	2015	The in vitro and ex vivo effect of <i>Phyllanthus niruri</i> methanol extract on hepatic glutathione s-transferase activity in STZ-induced diabetic sprague dawley rats	Asian Journal of Pharmaceutical and Clinical Research 8.5 (Sep 1, 2015): 157-160.	N	N/A	N/A	Plant extract effects on hepatic glutathione s-transferase activity in rats

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138.	Baska, A.	2006	The effect of a combined treatment with retardant and auxin on mineral composition of fruits, seeds and leaves of apple trees	Journal of Food, Agriculture & Environment (2006) Vol. 4(2), pp. 150-154	N	N/A	N/A	Effects on mineral composition of fruits, seeds and leaves of apple trees
139.	Baskaran, A., Sathiamurthy, S.	2008	Effect of growth retardants on quality of papaya (<i>Carica papaya</i> Linn) cv. CO2	Asian Journal of Horticulture (2008) Vol. 3(2), pp. 313-314	N	N/A	N/A	Efficacy study
140.	Basset, J., Romero, M., Serra, T., Pujol, M.D.	2012	A convenient access to 1,3-disubstituted furo[3,4-b]indoles by acid ion-exchange resin-catalyzed furan formation	Tetrahedron (2012) Vol. 68(1), pp. 356-362	N	N/A	N/A	Synthesis of [3,4-b]indoles
141.	Bayat, M., Dehghani, Z., Rahimpour, M.R.	2014	Membrane/sorption-enhanced methanol synthesis process: Dynamic simulation and optimization	Journal of Industrial and Engineering Chemistry (2014) Vol. 20(5), pp. 3256-3269	N	N/A	N/A	Mathematical model of a Membrane-GFSFBR for methanol synthesis
142.	Bayat, M., Hamidi, M., Dehghani, Z., Rahimpour, M.R., Shariati, A.	2014	Hydrogen/methanol production in a novel multifunctional reactor with in situ adsorption: modeling and optimization	International Journal of Energy Research (2014) Vol. 38(8), pp. 978-994	N	N/A	N/A	Hydrogen/ methanol production in a novel reactor
143.	Beagom Mokhtari Hosseini, Z., Vasheghani Farahani, E., Shojaosadati, S.A.	2011	Enhancement of poly(β -hydroxybutyrate) production from methanol by <i>Methylobacterium extorquens</i> using mixed substrates	Iranian Journal of Polymer Science and Technology (2011) Vol. 23(5), pp. 397-404	N	N/A	N/A	Enhancement of PHB production from methanol
144.	Bebarta, V.S., Heard, K., Dart, R.C.	2006	Inhalational abuse of methanol products: elevated methanol and formate levels without vision loss	Am J Emerg Med (2006) Vol. 24(6), pp. 725-8	N	N/A	N/A	Effects of inhalational abuse of methanol; no relevant endpoints investigated

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145.	Becalski, A., Bartlett, K.H.	2006	Methanol exposure to car occupants from windshield washing fluid: a pilot study	Indoor air 16.2 (Apr 2006): 153-7	N	N/A	N/A	Methanol exposure to car occupants from windshield washing fluid
146.	Becker-Santos, D.D., Guo, Y., Ghaffari, M., Vickers, E.D., Lehman, M., Altamirano-Dimas, M., Oloumi, A., Furukawa, J., Sharma, M., Wang, Y., Dedhar, S., Cox, M.E.	2012	Integrin-linked kinase as a target for ERG-mediated invasive properties in prostate cancer models	Carcinogenesis (2012) Vol. 33(12), pp. 2558-67	N	N/A	N/A	Genetic basis of pancreatic cancer
147.	Bejan, D., Dinoiu, V., Ignat'ev, N., Bernhardt, E., Willner, H.	2014	Synthesis and characterization of new bis(pentafluoroethyl) phosphinic acid amides and hydrazides. Crystal structure of (C2F5)2P(O)NH2	Phosphorus, Sulfur and Silicon and the Related Elements (2014) Vol. 189(10), pp. 1489-1502	N	N/A	N/A	No relevant endpoints investigated

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148.	Bell, J.T., Loomis, A.K., Butcher, L.M., Gao, F., Zhang, B., Hyde, C.L., Sun, J., Wu, H., Ward, K., Harris, J., Scollen, S., Davies, M.N., Schalkwyk, L.C., Mill, J., The MuTHER Consortium, Williams, F.M.K., Li, N., Deloukas, P., Beck, S., McMahon, S.B. et al	2014	Differential methylation of the TRPA1 promoter in pain sensitivity	Nature Communications (2014) Vol. 5, Article number: 2978	N	N/A	N/A	Molecular mechanisms of chronic pain; no relevant endpoints investigated
149.	Benina, M., Ribeiro, D.M., Gechev, T.S., Mueller-Roeber, B., Schippers, J.H.M.	2015	A cell type-specific view on the translation of mRNAs from ROS-responsive genes upon paraquat treatment of Arabidopsis thaliana leaves	Plant, Cell & Environment (2015) Vol. 38(2), pp. 349-363	N	N/A	N/A	Translational regulations of ROS-responsive genes
150.	Bergantini, A; Andrade, DPP; Pilling, S; Arantes, C; Pontes, F C; Boechat-Roberty, HM; Rocco, MLM	2013	Desorption from methanol ice induced by electrons from solar wind or magnetospheres	Advances in Space Research 52.6 (Sep 2013): 1201-1205.	N	N/A	N/A	Desorption from methanol ice

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151.	Berkovich, Iu.A., Doronina, N.V., Fedorov, D.N., Mukhamedieva, L.N., Mikos, K.N., Krivobock, N.M., Smolianin, V.G., Shanturin, N.A.	2010	Effect of plant-associated methanolic bacteria on methane and methanol concentration dynamics in atmosphere of pressurized chamber	Aviakosm Ekolog Med (2010) Vol. 44(1), pp. 54-8	N	N/A	N/A	Effects of methanolic bacteria on methane and methanol concentration dynamics in atmosphere of pressurized chamber
152.	Bernal-Albert, P., Faustino, H., Gimeno, A., Asensio, G., Mascareñas, J.L., Lopez, F.	2014	Gold(I)-catalyzed intermolecular cycloaddition of allenamides with α,β -unsaturated hydrazones: Efficient access to highly substituted cyclobutanes	Org Lett (2014) Vol. 16(23), pp. 6196-6199	N	N/A	N/A	Production of densely substituted cyclobutanes
153.	Berton, M.P., de Cassia Dourado, R., de Lima, F.B.F., Rodrigues, A.B.B., Ferrari, F.B., do Carmo Vieira, L.D., de Souza, P.A., Borba, H.	2014	Growing-finishing performance and carcass yield of pigs reared in a climate-controlled and uncontrolled environment	International Journal of Biometeorology (2014)	N	N/A	N/A	Effect of temperature on performance of carcass yield of pigs housed in different environments
154.	Bespalov, V.G., Aleksandrov, V.A.	2012	Anticarcinogenic effect of potassium salts of glucaric and glucuronic acid in induced models of cervical and esophageal tumors	Vopr Onkol (2012) Vol. 58(4), pp. 537-40	N	N/A	N/A	Anti-carcinogenic activity in induced cancer murine models
155.	Bhanot, A., Shri, R.	2010	A comparative profile of methanol extracts of Allium cepa and Allium sativum in diabetic neuropathy in mice	Pharmacognosy Research 2.6 (Nov 2010 - Dec 2010): 374-384	N	N/A	N/A	Effects of plant extracts on diabetic neuropathy in mice

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156.	Bhat, M.A., Tahir, I., Shahri, W., Islam, S.T.	2011	Effect of Cycocel and B-nine (growth retardants) on growth and flowering of <i>Erysimum marshallii</i> (Henfr.) Bois	Journal of Plant Sciences (2011) Vol. 6(2), pp. 95-101	N	N/A	N/A	Efficacy study
157.	Bhattacharyya, K., Tripathi, A.K., Gupta, N.M., Tyagi, A.K.	2010	Photodegradation of methanol under UV-visible irradiation by titania dispersed on polyester cloth	Photochemistry and photobiology 86.2 (Mar 2010 - Apr 2010): 241-6	N	N/A	N/A	Photodegradation of methanol; no relevant endpoints investigated
158.	Bhattacharyya, K; Varma, S; Kumar, D; Tripathi, A K; Gupta, N M	2005	Vapor-phase photo-oxidation of methanol over nano-size titanium dioxide clusters dispersed in MCM-41 host material part 2: catalytic properties and surface transient species	Journal of nanoscience and nanotechnology 5.5 (May 2005): 797-805	N	N/A	N/A	Vapor-phase photo-oxidation of methanol
159.	Bian, Y., Cao, H., Dong, S., Ning, B., Chen G., Liu, J., Liu, P., Sun, M.Y.	2013	Recipe-syndrome correlation study of Yinchenhao Tang and Ganluxiaodu Dan on inhibition of liver fibrosis induced by dimethylnitrosamine in rats	Zhonghua Zhongyiyao Zazhi (2013) Vol. 28(50, pp. 1396-1401	N	N/A	N/A	Inhibition of liver fibrosis induced by dimethylnitrosamine in rats; no relevant endpoints investigated
160.	Bian, Y.Q., Ning, B.B., Cao, H.Y., Lu, Y., Liu, C., Chen G.F., Liu, J., Liu, P., Sun, M.Y.	2012	Formula-syndrome correlation study of three classical anti-jaundice formulas in inhibition of liver fibrosis induced by dimethylnitrosamine in rats	Zhong Xi Yi Jie He Xue Bao (2012) Vol. 10(12), pp. 1405-12	N	N/A	N/A	Effects of anti-jaundice formulas on liver fibrosis

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161.	Billington, R., Lewis, R.W., Mehta, J.M., Dewhurst, I.	2010	The mouse carcinogenicity study is no longer a scientifically justifiable core data requirement for the safety assessment of pesticides	Crit Rev Toxicol (2010) Vol. 40(1), pp. 35-49	N	N/A	N/A	Contribution of mouse carcinogenicity study to pesticide safety; no relevant endpoints investigated
162.	Bitsch, I; Wucherpennig, K	2011	Evaluation of methyl alcohol in clear and cloudy apple juice with particular emphasis on modern extraction technology	Fruit Processing 21.1 (2011): 11-16	N	N/A	N/A	Analytical detection of methanol in foodstuffs
163.	Bjørn, A., Diamond, M., Birkved, M., Hauschild, M.Z.	2014	Chemical footprint method for improved communication of freshwater ecotoxicity impacts in the context of ecological limits	Environ Sci Technol (2014) Vol. 48(22), pp. 13253-62	N	N/A	N/A	Methodology for expressing ecotoxicity impacts from anthropogenic chemical emissions
164.	Bleau, A.M., Freire, J., Pajares, M.J., Zudaire, I., Anton, I., Nistal-Villán, E., Redrado, M., Zandueta, C.N., Garmendia, I., Ajona, D., Blanco, D., Pio, R., Lecanda, F., Calvo, A., Montuenga, L.M.	2015	New syngeneic inflammatory-related lung cancer metastatic model harboring double KRAS/WWOX alterations	Int J Cancer (2014) Vol. 135(11), pp. 2516-27	N	N/A	N/A	Development of a model for lung cancer and metastasis in mice

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165.	Bleken, F L; Barbera, K; Bonino, F; Olsbye, U; Lillerud, K P; Bordiga, S; Beato, P; Janssens, T V W; Svelle, S	2013	Catalyst deactivation by coke formation in microporous and desilicated zeolite H-ZSM-5 during the conversion of methanol to hydrocarbons	Journal of Catalysis 307 (2013): 62-73.	N	N/A	N/A	Catalyst deactivation by coke formation during the conversion of methanol to hydrocarbons
166.	Bloetscher, F., Pleitez, F., Hart, J., Stambaugh, D., Cooper, J., Kenned Sr, K., Burack, L.S.	2014	Comparing contaminant removal costs for aquifer recharge with wastewater with water supply benefits	Journal of the American Water Resources Association (2014) Vol. 50(2), pp. 324-333	N	N/A	N/A	Cost-benefit analysis of aquifer recharge with wastewater
167.	Bo, H., He, H-B., Feng, S-J., Nie, W-S.	2012	Model and simulation of liquid rocket organic gel spray droplet evaporation	Wuli Xuebao (2012) Vol. 61(14), 148201/1-148201/11	N	N/A	N/A	Liquid rocket organic gel spray droplet evaporation
168.	Bo, X., Chengming, T., Youqing, L.	2010	Flowering characteristics and chemical control of the buds of <i>Arceuthobium sichuanense</i>	Scientia Silvae Sinicae (2010) Vol. 46 (4), pp. 98-102	N	N/A	N/A	Efficacy study
169.	Bobuatong, K; Karanjit, S; Fukuda, R; Ehara, M; Sakurai, H	2012	Aerobic oxidation of methanol to formic acid on Au20-: a theoretical study on the reaction mechanism	PCCP 14.9 (Mar 7, 2012): 3103-11.	N	N/A	N/A	Aerobic oxidation of methanol to formic acid
170.	Bolina, A S; Wolff, A J; Brown, W A	2005	Reflection absorption infrared spectroscopy and temperature programmed desorption investigations of the interaction of methanol with a graphite surface	The Journal of chemical physics 122.4 (Jan 22, 2005): 44713	N	N/A	N/A	Investigations of the interaction of methanol with a graphite surface
171.	Bolt, H.M.	2008	International symposium on genotoxic and carcinogenic thresholds	Arch Toxicol (2008) Vol. 82(12) pp. 981-2	N	N/A	N/A	Symposium on genotoxic and carcinogenic thresholds; no relevant endpoints investigated

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
172.	Bomba, F.D.T; Wandji, B.A; Piegang, B.N; Awouafack, M.D; Sriram, D; Yogeeswari, P; Kamanyi, A; Nguelefack, T.B	2015	Antinociceptive properties of the aqueous and methanol extracts of the stem bark of <i>Petersianthus macrocarpus</i> (P. Beauv.) Liben (Lecythidaceae) in mice	Journal of ethnopharmacology 174 (Nov 4, 2015): 66-73.	N	N/A	N/A	Antinociceptive properties of plant extracts
173.	Bonacin, G.A., Rodrigues, T. de J.D., Mattiuz, C.F.M.	2006	Application of growth retardants in hybrids of ornamental sunflower	Revista Brasileira de Horticultura Ornamental (2006) Vol. 12(1), pp. 37-42	N	N/A	N/A	Efficacy study
174.	Bond, T., Templeton, M.R., Graham, N.	2012	Precursors of nitrogenous disinfection by-products in drinking water - A critical review and analysis	J Hazard Mater (2012) Vol. 235-236, pp. 1-16	N	N/A	N/A	Review of the formation of nitrogenous disinfection by-products in water
175.	Bonilla, S H; Zinola, C F; Rodríguez, J; Díaz, V; Ohanian, M; Martínez, S; Giannetti, B F	2005	Catalytic effects of ruthenium and osmium spontaneous deposition on platinum surfaces toward methanol oxidation	Journal of colloid and interface science 288.2 (Aug 15, 2005): 377-86	N	N/A	N/A	Catalytic effects of ruthenium and osmium deposition on platinum surfaces toward methanol oxidation
176.	Boonjaraspinyo, S., Wu, Z., Boonmars, T., Kaewkes, S., Loilome, W., Sithithaworn, P., Nagano, I., Takahashi, Y., Yongvanit, P., Bhudhisawasdi, V.	2012	Overexpression of PDGFA and its receptor during carcinogenesis of <i>Opisthorchis viverrini</i> -associated cholangiocarcinoma	Parasitol Int (2012) Vol. 61(1), pp. 145-50	N	N/A	N/A	Molecular mechanism of cholangio-carcinoma

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177.	Borchert, H., Jürgens, B., Nowitzki, T., Behrend, P., Borchert, Y., Zielasek, V., Giorgio, S., Henry, C.R., Bäumer, M.	2008	Decomposition of methanol by Pd, Co, and bimetallic Co-Pd catalysts: a combined study of well-defined systems under ambient and UHV conditions	Journal of Catalysis 256.1 (2008): 24-36	N	N/A	N/A	Catalytic decomposition of methanol
178.	Borgerding, M.F., Bodnar, J.A., Curtin, G.M., Swauger, J.E.	2012	The chemical composition of smokeless tobacco: A survey of products sold in the United States in 2006 and 2007	Regul Toxicol Pharmacol (2012) Vol. 64(3), pp. 367-87	N	N/A	N/A	Survey of the chemical composition of smokeless tobacco
179.	Boschi, C., di Benedetto, A., Klasman, R.,	2007	Troubles associated with growth regulator sprays in <i>Viola wittrockiana</i> plants	Revista Brasileira de Horticultura Ornamental (2007) Vol. 13(2), pp. 155-159	N	N/A	N/A	Efficacy study
180.	Botrel, M.A, Haenni, M., Morignat, E., Sulpice, P., Madec, J.Y., Calavas, D.	2010	Distribution and antimicrobial resistance of clinical and subclinical mastitis pathogens in dairy cows in Rhone-Alpes, France	Foodborne Pathog Dis (2010) Vol. 7(5), pp. 479-87	N	N/A	N/A	Antimicrobial resistance of mastitis pathogens in dairy cows
181.	Bouckaert, J., Li, Z., Xavier, C., Almant, M., Caveliers, V., Lahoutte, T., Weeks, S.D., Kovensky, J., Gouin, S.G.	2013	Heptyl α -D-mannosides grafted on a β -cyclodextrin core to interfere with <i>Escherichia coli</i> adhesion: an in vivo multivalent effect	Chemistry (2013) Vol. 19(24), pp. 7847-55	N	N/A	N/A	Interference in <i>E. coli</i> adhesion

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182.	Boudemagh, A.E., Ali-Khodja, H., Beljoudi, M.F., Bensouici, K., Kitounil, M., Boulahrouf, A., Mahboul, M., Zaatout, H., Larkem, N.	2006	Biodegradation of methanol in a batch reactor by a microbial flora isolated from a wastewater treatment plant sludge at El Menia in Constantine	Fresenius Environmental Bulletin (2006) Vol. 15(12B), pp. 1590-1594	N	N/A	N/A	Biodegradation of methanol by microbial flora from a WWTP; no relevant endpoints investigated
183.	Boyd, J.M., Charrois, J.W.A., Hofmann, R., Hrudey, S.E.	2012	NDMA and other N-nitrosamines - health risk assessment and management	Hrudey, S.E. (ed.), Charrois, J.W.A. (ed.) (2012) pp. 125-144. Disinfection By-Products: Relevance to Human Health.	N	N/A	N/A	Risk assessment and management of NDMA; no relevant endpoints investigated
184.	Branda, M.M., Collins, S.E., Castellani, N.J., Baltanas, M.A., Bonivardi, A.L.	2006	Methanol adsorption on the beta-Ga ₂ O ₃ surface with oxygen vacancies: theoretical and experimental approach	The journal of physical chemistry. B 110.24 (Jun 22, 2006): 11847-53	N	N/A	N/A	Methanol adsorption on the beta-Ga ₂ O ₃ surface
185.	Brent, J.	2009	Fomepizole for ethylene glycol and methanol poisoning	New England Journal of Medicine 360.21 (May 21, 2009): 2216-2223	N	N/A	N/A	Treatment of methanol poisoning; no relevant endpoints investigated
186.	Bresciani, F; Rabissi, C; Zago, M; Marchesi, R; Casalegno, A	2015	On the effect of gas diffusion layers hydrophobicity on direct methanol fuel cell performance and degradation	Journal of Power Sources 273 (2015): 680-687.	N	N/A	N/A	Effect of gas diffusion layers hydrophobicity on direct methanol fuel cell performance

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187.	Brisson, I.J., Levallois, P., Tremblay, H., Sérodes, H., Deblois, C., Charrois, J., Taguchi, V., Boyd, J., Li, X., Rodriguez, M.J.	2013	Spatial and temporal occurrence of N-nitrosamines in seven drinking water supply systems	Environ Monit Assess (2013) Vol. 185(9), pp. 7693-708	N	N/A	N/A	Occurrence of nitrosamines in drinking water supply systems
188.	Brito, S.V., Sales, D.L., Costa, J.G., Rodrigues, F.F., Ferreira, F.S., Angelico, E.C., Carvalho, J.E., Almedia, W.O., Anjos, L.A., Coutinho, H.D.	2012	Investigation of the cytotoxic potential of <i>Rhinella jimi</i> skin methanol extracts	Pharm Biol (2012) Vol. 50(8), pp. 1026-30	N	N/A	N/A	Cytotoxic potential of plant extracts
189.	Bromberg, L., Pomerantz, N., Schreuder-Gibson, H., Hatton, T.A.	2014	Degradation of chemical threats by brominated polymer networks	Ind Eng Chem Res (2014) Vol. 53(49), pp. 18761-18774	N	N/A	N/A	Degradation of chemical threats by brominated polymer networks
190.	Brown, Z.D., Guo, J-D., Nagase, S., Power, P.P.	2012	Experimental and computational study of auxiliary molecular effects on the mechanism of the addition of hydrazines to a low-valent Germanium complex	Organometallics (2012) Vol. 31(9), pp. 3768-3772	N	N/A	N/A	Auxiliary molecular effects on the mechanism of the addition of hydrazines to a low-valent Germanium complex

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191.	Bu, X., Liu, X.	2013	Experimental investigation on adsorption of unsymmetrical dimethylhydrazine by oxalic acid-modified attapulgite	Huaxue Tuijinji Yu Gaofenzi Cailiao (2013) Vol. 11(1), pp. 55-58	N	N/A	N/A	Adsorption of UDMH by oxalic acid-modified attapulgite
192.	Burke, D J; Brown, W A	2015	The effects of methanol on the trapping of volatile ice components	Monthly Notices of the Royal Astronomical Society 448.2 (Apr 2015): 1807	N	N/A	N/A	The effects of methanol on the trapping of volatile ice components
193.	Butt, S.B., Riaz, M.	2010	Radiolytic degradation of methoxychlor in methanol and monitoring of radiolytic products by HPLC and GC-MS	Radiochimica Acta (2010) Vol. 98(5), pp. 307-314	N	N/A	N/A	Radiolytic degradation of methoxychlor
194.	Buttar, G.S., Aggarwal, N.	2004	Growth retardants in cotton - a review	Journal of Cotton Research and Development (2004) Vol. 18(1), pp. 61-69	N	N/A	N/A	Efficacy study
195.	Buzzello, G.L. et al.	2013	Action of auxin inhibitors on growth and grain yield of soybean	Rev. Cereş Viçosa (2013) Vol. 60(5)	N	N/A	N/A	Efficacy study
196.	Cady-Pereira, K.E., Shephard, M.W., Millet, D.B., Luo, M., Wells, K.C., Xiao, Y., Payne, V.H., Worden, J.	2012	Methanol from TES global observations: retrieval algorithm and seasonal and spatial variability	Atmos Chem Phys (2012) Vol. 12, pp. 8189-8203	N	N/A	N/A	Seasonal and spatial variability of atmospheric methanol; no relevant endpoints investigated
197.	Canales, E., Carlson, J.S., Appleby, T., Fenaux, M., Lee, J., Tian, Y., Tirunagari, N., Wong, M., Watkins, W.J.	2012	Tri-substituted acylhydrazines as tertiary amide bioisosteres: HCV NS5B polymerase inhibitors	Bioorg Med Chem Lett (2012) Vol. 22(13), pp. 4288-92	N	N/A	N/A	Tri-substituted acylhydrazines as tertiary amide bioisosteres

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198.	Cao, Y., Li, J., Jiang, N., Dong, X.	2014	Mechanism for stabilizing mRNAs involved in methanol-dependent methanogenesis of cold-adaptive <i>Methanosarcina mazei</i> zm-15	Appl. Environ. Microbiol. (2014) Vol. 80(4), pp. 1291-1298	N	N/A	N/A	mRNAs involved in methanol-dependent methanogenesis
199.	Capitanio, F; Siracusano, S; Stassi, A; Baglio, V; Arico, A S; Tavares, A C	2014	AC impedance spectroscopy investigation of carbon supported Pt3Co and Pt cathode catalysts in direct methanol fuel cell	International Journal of Hydrogen Energy 39.15 (2014): 8026-8033.	N	N/A	N/A	Performance of direct methanol fuel cells
200.	Caravati, E.M., Anderson, K.T.	2010	Breath alcohol analyzer mistakes methanol poisoning for alcohol intoxication	Annals of Emergency Medicine (2010) Vol. 55(2), pp. 198-200	N	N/A	N/A	Breath alcohol analyser mistakes methanol poisoning for alcohol intoxication
201.	Carey, R.N., Driscoll, T.R., Peters, S., Glass, D.C., Reid, A., Benke, G., Fritschi, L.	2014	Estimated prevalence of exposure to occupational carcinogens in Australia (2011-2012)	Occup Environ Med (2014) Vol. 71(1), pp. 55-62	N	N/A	N/A	Occupational exposure to carcinogens
202.	Carnevali, D., Leonardo, L., Ribeiro, D.M., Catarina, C.S., Barros, R.S., Segal Floh, E.I. Otoni, W.C.	2010	Ethylene and polyamine interactions in morphogenesis of <i>Passiflora cincinnata</i> : effects of ethylene biosynthesis and action modulators, as well as ethylene scavengers	Plant Growth Regulation (2010) Vol. 62(1), pp. 9-19	N	N/A	N/A	Plant hormone interactions in <i>P. cincinnata</i>
203.	Carrara, V d S; Amado, C B; de Melo, J O; Mandarino, J M G; Cortez, D A G	2011	Evaluation of soybean methanol fraction on acute inflammation	Journal of medicinal food 14.12 (Dec 2011): 1570-5.	N	N/A	N/A	Plant extract effects on acute inflammation

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204.	Carrasquilla, M.C., Munstermann, L., Marín, D., Ocampo, C., Ferro, C.	2012	Description of Lutzomyia (Helcocyrtomyia) tolimensis, a new species of phlebotomine sandfly (Diptera: Psychodidae) from Colombia	Mem Inst Oswaldo Cruz (2012) Vol. 107(8), pp. 993-7	N	N/A	N/A	Description of a new species of sandfly
205.	Carver S.T., Arnold., M.A., Byrne, D.H., Armitage, A.R., Lineberger, R.D., King, A.R.	2014	Growth and flowering responses of sea marigold to daminozide, paclobutrazol, or uniconazole applied as drenches or sprays	Journal of Plant Growth Regulation (2014) Vol. 33(3), pp. 626-631	N	N/A	N/A	Efficacy study
206.	Casalegno, A; Bresciani, F; Zago, M; Marchesi, R	2014	Experimental investigation of methanol crossover evolution during direct methanol fuel cell degradation tests	Journal of Power Sources 249 (2014): 103-109.	N	N/A	N/A	Methanol crossover evolution during direct methanol fuel cell degradation tests
207.	Casalegno, M., Sello, G., Benfenati, E.	2006	Top-priority fragment QSAR approach in predicting pesticide aquatic toxicity	Chem Res Toxicol (2006) Vol. 19(11), pp. 1533-9	N	N/A	N/A	Use of QSAR modelling to predict aquatic toxicity
208.	Casas, A; Jesus R M; Perez, A	2013	Adsorption equilibrium and kinetics of methyl acetate/methanol and methyl acetate/water mixtures on zeolite 5A	Chemical Engineering Journal 220 (Mar 15, 2013): 337-342.	N	N/A	N/A	Adsorption equilibrium and kinetics of methyl acetate/methanol and methyl acetate/water mixtures
209.	Castro, P.R.C., Homma, S.K., Cato, S.C.	2004	Effects of growth retardants on soybean (<i>Glycine max</i> L. Merrill)	Revista de Agricultura (Piracicaba, Brazil) (2004) Vol. 79(2), pp. 249-259	N	N/A	N/A	Efficacy study
210.	Cavins, T.J.	2006	Experimental plant growth regulator A 1699-DF affects flower petal pigmentation	PGRSA Quarterly (2006) Vol. 34, No. 1, pp. 4	N	N/A	N/A	Efficacy study

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211.	Celik, E., Calik, P., Oliver, S.G.	2010	Metabolic flux analysis for recombinant protein production by <i>Pichia pastoris</i> using dual carbon sources: Effects of methanol feeding rate	Biotechnology and bioengineering 105.2 (Feb 1, 2010): 317-29	N	N/A	N/A	Metabolic flux analysis for recombinant protein production using dual carbon sources
212.	Celik, L., Davey, J., Lund, D., Schiøtt, B.	2008	Exploring interactions of endocrine-disrupting compounds with different conformations of the human estrogen receptor α ligand binding domain: A molecular docking Study	Chem Res Toxicol (2008) Vol. 21(11), pp. 2195-206	N	N/A	N/A	Molecular docking of endocrine disruptors
213.	Çevik, M; Varol, S; Yücel, Y; Akil, E; Uzar, E; Kaplan, I; Can, Y Ü; Feyzi, D C	2014	Acute toxic effects of methyl alcohol on the rat brain: The protective effects of caffeic acid phenethyl ester	Acta Medica Mediterranea 30.4 (2014): 765-769.	N	N/A	N/A	Effects of caffeic acid phenethyl ester on methanol toxicity; no relevant endpoints investigated
214.	Cha, H-C., Shiu, C-Y.C., Jr-Yuan	2009	Investigation on the durability of direct methanol fuel cells	Journal of Power Sources 192.2 (Jul 2009): 451-456	N	N/A	N/A	Durability of direct methanol fuel cells
215.	Chang, C-H., Liaw, S-l.	2005	Effect of growth regulators on the growth of garlic explants	Zuowu, Huanjing Yu Shengwu Zixun (2005) Vol. 2(4), pp. 287-295	N	N/A	N/A	Efficacy study
216.	Chang, H., Chen, C., Wang, G.	2013	Characteristics of C-, N-DBPs formation from nitrogen-enriched dissolved organic matter in raw water and treated wastewater effluent	Water Res (2013) Vol. 47(8), pp. 2729-41	N	N/A	N/A	Relationship between dissolved organic nitrogen and disinfection by-product formation
217.	Chang, H; Cheng, S; Chiang, H; Chen, Y; Chang, Y	2012	Simulation study of an integrated methanol micro fuel processor and fuel cell system	Chemical engineering science (May 28, 2012): 27-37.	N	N/A	N/A	An integrated methanol micro fuel processor and fuel cell system

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218.	Chang, J.S., Bae, J.T., Oh, E.J., Kim, J.Y., Park, S.H., Lee, K.R.	2009	Cancer preventive potential of methanol extracts of <i>Hypsizigus marmoreus</i>	Journal of medicinal food 12.3 (Jun 2009): 493-500	N	N/A	N/A	Cancer preventive potential of fungal extracts
219.	Chang, S; Huang, S; Lin, Y; Tsou, Y; Lin, C	2014	Antiviral activity of <i>Rheum palmatum</i> methanol extract and chrysophanol against Japanese encephalitis virus	Arch Pharm Res (2014) Vol. 37(9), pp. 1117-1123	N	N/A	N/A	Antiviral activity of plant extracts
220.	Chang, X., Zheng, J., Gondal, M.A., Ji, G.	2015	Photocatalytic conversion of CO ₂ into value-added hydrocarbon (methanol) with high selectivity over ZnS nanoparticles driven by 355-nm pulsed laser	Research on Chemical Intermediates (2015) Vol. 41(2), pp. 739-747	N	N/A	N/A	Photocatalytic conversion of CO ₂ into methanol
221.	Chang, Y.H., Lin, J.H., Pan, C.L.	2010	Type and concentration of acid on solubility and molecular size of acid-methanol-treated rice starches differing in amylose content	Carbohydrate Polymers 79.3 (2010): 762-768	N	N/A	N/A	Effects of acid type and concentration on the solubility and molecular size of rice starch
222.	Channanasavaraj, K.P., Badami, S., Bhojraj, S.	2008	Hepatoprotective and antioxidant activity of methanol extract of <i>Ficus glomerata</i>	J Nat Med (2008) Vol. 62(3), pp. 379-83	N	N/A	N/A	Hepatoprotective and antioxidant activity of plant extracts
223.	Chantrasa, A., Phlernjai, N., Goodwin, J.G. Jr	2011	Kinetics of hydrotalcite catalyzed transesterification of tricaprylin and methanol for biodiesel synthesis	Chemical Engineering Journal 168.1 (2011): 333-340	N	N/A	N/A	Kinetics of transesterification of tricaprylin and methanol for biodiesel synthesis
224.	Charghand, M; Haghighi, M ; Aghamohammadi, S	2014	The beneficial use of ultrasound in synthesis of nanostructured Ce-doped SAPO-34 used in methanol conversion to light olefins	Ultrasonics Sonochemistry 21.5 (Sep 2014): 1827-38.	N	N/A	N/A	Use of ultrasound in synthesis of nanostructured Ce-doped SAPO-34

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225.	Chau, T.N., Sung, Y.T., Wang, B.B., Yang, W.D.	2012	Study on the photocatalytic degradation of methylene blue dye on titanate nanotube powders prepared by methanol-thermal process	Applied Mechanics and Materials (2012) Vol. 234, pp. 11-16	N	N/A	N/A	Degradation of methylene blue dye on titanate nanotube powders
226.	Chaulya, N.C., Halder, P.K., Mukherjee, A.	2011	Antidiabetic activity of methanol extract of rhizomes of <i>Cyperus tegetum</i> Roxb. (Cyperaceae)	Acta Pol Pharm (2011) Vol. 68(6), pp. 989-92	N	N/A	N/A	Antidiabetic activity of plant extracts
227.	Chaulya, N.C., Halder, P.K., Mukherjee, A.	2011	Antidiarrhoeal activity of methanol extract of the rhizomes of <i>Cyperus tegetum</i> Roxb	International Journal of Pharmacy and Pharmaceutical Sciences 3.1 (2011): 133-135	N	N/A	N/A	Antidiarrhoeal activity of plant extracts
228.	Che, W., Liu, G., Qiu, H., Zhang, H., Ran, Y., Zeng, X., Wen, W., Shu, Y.	2010	Comparison of immunotoxic effects induced by the extracts from methanol and gasoline engine exhausts in vitro	Toxicology in vitro 24.4 (Jun 2010): 1119-25	N	N/A	N/A	Immunotoxicity effects of engine exhausts
229.	Chien, S-C., Chang, W-C., Lin, P-H., Chang, W-P., Hsu, S-C., Chang, J-C.	2014	A Chinese herbal medicine, jia-wei-xiao-yao-san, prevents dimethylnitrosamine-induced hepatic fibrosis in rats	The Scientific World Journal (2014) 2014:217525	N	N/A	N/A	Hepatoprotective effects of JWXYS
230.	Chen, B., Ji, Y., Xue, M., Fronczek, F.R., Hurtado, E.J., Mondal, J.U., Liang, C., Dai, S.	2008	Metal-organic framework with rationally tuned micropores for selective adsorption of water over methanol	Inorganic chemistry 47.13 (Jul 7, 2008): 5543-5	N	N/A	N/A	Synthesis of metal-organic framework for adsorption of water over methanol

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231.	Chen, C., Cha, H	.2012	Strategy to optimize cathode operating conditions to improve the durability of a direct methanol fuel cell	Journal of Power Sources (2012) Vol. 200, pp. 21-28	N	N/A	N/A	Optimising cathode operating conditions to in direct methanol fuel cell
232.	Chen, C., Leavey, S., Suffet, I.H., Kasner, S.W.	2014	Applying polarity rapid assessment method and ultrafiltration to characterize NDMA precursors in wastewater effluents	Water Research (2014) Vol. 57, pp. 115-126	N	N/A	N/A	Characterisation of NDMA precursors in wastewater effluents
233.	Chen, C-H.	2012	Biomedical and biochemical effects	Chen, CH. (2012) pp. 61-69. Activation and Detoxification Enzymes: Functions and Implications. Ref: Springer-Verlag Berlin, Heidelberger Platz 3, D-14197 Berlin, Germany	N	N/A	N/A	No relevant endpoints investigated
234.	Chen, D., Minteer, S.D.	2015	Mechanistic study of nickel based catalysts for oxygen evolution and methanol oxidation in alkaline medium	Journal of Power Sources (2015) Vol. 284, pp. 27-37	N	N/A	N/A	Mechanistic study of nickel based catalysts
235.	Chen, D-J., Tong, Y.Y.J.	2015	Irrelevance of carbon monoxide poisoning in the methanol oxidation reaction on a PtRu electrocatalyst	Angewandte Chemie International Edition (2015) Vol. 54(32), pp. 9394-9398	N	N/A	N/A	CO effects in methanol oxidation
236.	Chen, H., Gan, W., Lu, R., Guo, Y., Wang, H.	2005	Determination of structure and energetics for gibbs surface adsorption layers of binary liquid mixture 2. Methanol + water	The journal of physical chemistry. B 109.16 (Apr 28, 2005): 8064-75	N	N/A	N/A	Determination of structure and energetics for gibbs surface adsorption layers of binary liquid mixture

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237.	Chen, J., Zhu, G., Zhao, Z., Xia, W.	2013	Electroretinogram and histopathologic changes of the retina after methanol intoxication	Journal of Forensic Medicine (2013) Vol. 29(1), pp. 5-11+16	N	N/A	N/A	Methanol intoxication effects on the retina
238.	Chen, J.Y., Chen, H.L., Cheng, J.C., Lin, H.J., Tung, Y.T., Lin, C.F., Chen, C.M.	2012	A Chinese herbal medicine, Gexia-Zhuyu Tang (GZT), prevents dimethylnitrosamine-induced liver fibrosis through inhibition of hepatic stellate cells proliferation	J Ethnopharmacol (2012) Vol. 142(3), pp. 811-8	N	N/A	N/A	Investigation into the effects of GZT on NDMA-induced liver fibrosis
239.	Chen, J-M., Zhy, G-Y., Xia, W-T., Zhao, Z-Q.	2012	Proteomic analysis of rat retina after methanol intoxication	Toxicology (2012) Vol. 293, pp. 89-96	N	N/A	N/A	Methanol effects on rat retinas; no relevant endpoints investigated
240.	Chen, L.	2012	Enzymatic synthesis of ferulyl oleins and their inhibition effects on nitrosamine	Applied Mechanics and Materials (2012) Vol. 195-196, pp. 412-417	N	N/A	N/A	Inhibition of nitrosamine with ferulyl oleins
241.	Chen, L., Hu, J., Foord, J.S.	2012	Electrodeposition of a Pt-PrO ₂ -x electrocatalyst on diamond electrodes for the oxidation of methanol	Physica Status Solid (2012) Vol. 209(9), pp. 1792-1796	N	N/A	N/A	Electrodeposition of electrocatalyst on diamond electrodes for the oxidation of methanol
242.	Chen, S.C., Tu, G.C., Hung, C.C.Y., Huang, C.A., Rei, M.H.	2008	Preparation of palladium membrane by electroplating on AISI 316L porous stainless steel supports and its use for methanol steam reformer	Journal of Membrane Science 314.1/2 (2008): 5-14	N	N/A	N/A	Preparation of palladium membrane

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243.	Chen, S.W., Wu, B.Y., Xu, S.P., Fan, K.X., Yan, L., Gong, Y., Wen, J.B., Wu, D.H.	2012	Suppression of CB1 cannabinoid receptor by lentivirus mediated small interfering RNA ameliorates hepatic fibrosis in rats	PloS One (2012) Vol. 7(12):e50850	N	N/A	N/A	Suppression of CB1 as a tool for hepatic fibrosis treatment
244.	Chen, T., Wen, Y., Ou, Y., Gong, Z.	2014	Determination of N-nitrosamines in rubber products by solid phase extraction purification and ultra high performance liquid chromatography-tandem mass spectrometry	Se Pu (2014) Vol. 32(1), pp. 89-94	N	N/A	N/A	Analytical detection of nitrosamines in rubber products
245.	Chen, W., Chen, J.Y., Tung, Y.T., Chen, H.L., Kuo, C.W., Chuang, C.H., Chong, K.Y., Mao, F.C., Chen, C.M.	2013	High-frequency ultrasound imaging to evaluate liver fibrosis progression in rats and yi guan jian herbal therapeutic effects	Evid Based Complement Alternat Med (2013) Vol. 2013:302325	N	N/A	N/A	Use of ultrasound to evaluate liver fibrosis
246.	Chen, W., Dai, L.	2008	Dwarfing effect of plant growth regulators on <i>Alternanthera versicolor</i>	Hunan Nongye Daxue Xuebao (2008) Vol. 34(6), pp. 660-663	N	N/A	N/A	Efficacy study
247.	Chen, W., Sun, G., Guo, J., Zhao, X., Yan, S., Tian, J., Tang, S., Zhou, Z., Qin, X.	2006	Test on the degradation of direct methanol fuel cell	Electrochimica Acta 51.12 (2006): 2391-2399	N	N/A	N/A	Degradation of methanol fuel cell
248.	Chen, W., Wei, X., Zhang, Y.	2013	Phosphomolybdc acid modified PtRu nanocatalysts for methanol electro-oxidation	Journal of Applied Electrochemistry (2013) Vol. 43(6), pp. 575-582	N	N/A	N/A	Nanocatalysts for methanol electro-oxidation

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249.	Chen, W; Zhang, Y; Wei, X	2015	Catalytic performances of PdNi/MWCNT for electrooxidations of methanol and ethanol in alkaline media	International Journal of Hydrogen Energy 40.2 (2015): 1154-1162.	N	N/A	N/A	Catalytic performances for electrooxidations of methanol
250.	Chen, X., Clark, C.J.	2009	Effects of methanol on remediation of soil contaminated with toxaphene	ACS Symposium Series (2009) Vol. 940, Chapter 3, pp. 25-41	N	N/A	N/A	Effects of methanol on remediation of soil
251.	Chen, X., Liu, C., Lu, Y., Yang, Z., Lv, Z., Xu, Q., Pan, Q., Lu, L.	2012	Paeoniflorin regulates macrophage activation in dimethylnitrosamine-induced liver fibrosis in rats.	BMC Complementary and Alternative Medicine (2012) Vol. 12, pp. 254	N	N/A	N/A	Regulation of macrophage activation
252.	Chen, Z., Dai, Z.H., Wang, F.C	2013	Simulation analysis of ammonia distribution in methanol production from coal water slurry gasification	Journal of Coal Science and Engineering (China) (2013) Vol. 19, pp. 546-53	N	N/A	N/A	Simulation analysis of ammonia distribution in methanol production
253.	Cheng, H., Feng, X., Wang, D., Xu, M., Pandislevi, K., Wang, J., Zou, Z., Li., T.	2015	Synthesis of highly stable and methanol-tolerant electrocatalyst for oxygen reduction: Co supporting on N-doped-C hybridized TiO ₂	Electrochimica Acta (2015) Vol. 180, pp. 564-573	N	N/A	N/A	Synthesis of electrocatalysts
254.	Cheon, Y; Baek, J M; Park, S; Ahn, S; Lee, M S; Oh, J; Kim, J	2015	<i>Stauntonia hexaphylla</i> (Lardizabalaceae) leaf methanol extract inhibits osteoclastogenesis and bone resorption activity via proteasome-mediated degradation of c-Fos protein and suppression of NFATc1 expression	BMC complementary and alternative medicine 15 (Aug 14, 2015): 280.	N	N/A	N/A	Plant extract effects on osteoclastogenesis and bone resorption activity

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255.	Chiappim, W. Jr, Awano, C.M., Donatti, D.A., de Vicente, F.S., Vollet, D.R.	2014	Structure of hydrophobic ambient-pressure-dried aerogels prepared by sonohydrolysis of tetraethoxysilane with additions of n,n-dimethylformamide	Langmuir (2014) Vol. 30(4), pp. 1151-1159	N	N/A	N/A	Structure of hydrophobic ambient-pressure-dried aerogels
256.	Chikan, N.A., Sabir, N., Shaff, S., Mir, M.R., Patel, T.N.	2012	N-nitrosodimethylamine in the Kashmiri diet and possible roles in the high incidence of gastrointestinal cancers	Asian Pac J Cancer Prev (2012) Vol. 13(3), pp. 1077-9	N	N/A	N/A	Levels of NDMA in food and its role in incidences of GI cancers
257.	Chin, J.H., Abas, H.H.	2010	Safety assessment of <i>Orthosiphon stamineus</i> Benth methanol leaf extract: drug interaction and oral toxicity study in rats	In Medicinal plants: phytochemistry, pharmacology and therapeutics, Volume 1, by Chin JinHan, Abas Hj Hussin, 228-237. Daya Publishing House, (2010)	N	N/A	N/A	Safety assessment of plant extracts
258.	Chinaka, O N; Godwin, O I; Julius, O O; Rita, I U	2014	Anti-inflammatory activities of methanol leaf extract of <i>Bridelia micrantha</i> (Hochst) Baill. (Euphorbiaceae) in Wistar rats.	Journal of Applied Pharmaceutical Science 4.6 (2014): 68-73.	N	N/A	N/A	Anti-inflammatory activities of plant extracts
259.	Chinaka, O N; Okwoche, J O; Dozie, N O	2011	The hepatoprotective effect of <i>Senna occidentalis</i> methanol leaf extract against acetaminophen-induced hepatic damage in rats	Journal of Pharmacology and Toxicology 6.7 (2011): 637-646	N	N/A	N/A	Hepatoprotective effect of plant extracts hepatic damage in rats
260.	Chinelo, N; Uzoma, N O	2015	Effect of methanol extract of <i>Synsepalum dulcificum</i> pulp on some biochemical parameters in albino rats	Journal of Coastal Life Medicine 3.3 (Mar 2015): 233-240.	N	N/A	N/A	Plant extract effects on biochemical parameters in rats

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261.	Chinmaya, A., Sudharshan, S.J., Valleesha, N.C., Sujatha, M.L., Yadav, N.C., Prashith Kekuda, T.R., Rajeshwara, A.N.	2009	Antimicrobial and anthelmintic efficacy of methanol extract of <i>Putranjiva roxburghii</i> Wall seed	BioTechnology: An Indian Journal (2009. 3(4), pp. 193-196	N	N/A	N/A	Antimicrobial and anthelmintic efficacy of plant extracts
262.	Chirapapaipan, N; Uprasertkul, M; Chuncharunee, A	2012	The effect of coenzyme Q10 and curcumin on chronic methanol intoxication induced retinopathy in rats	Journal of the Medical Association of Thailand 95 4 (Apr 2012): S76-81.	N	N/A	N/A	Effects of coenzyme Q10 and curcumin on chronic methanol intoxication induced retinopathy in rats
263.	Chitsazi, M R; Korbekandi, H; Asghari, G; Bahri N, R; Badii, A; Iravani, S	2014	Synthesis of silver nanoparticles using methanol and dichloromethane extracts of <i>Pulicaria gnaphalodes</i> (Vent.) Boiss. aerial parts	Artificial cells, nanomedicine, and biotechnology (Aug 26, 2014): 1-6.	N	N/A	N/A	Synthesis of silver nanoparticles
264.	Chmelik, C; Mundstock, A; Dietzel, P D C; Caro, J	2014	Idiosyncrasies of Co2(dhtp): In situ-annealing by methanol	Microporous and Mesoporous Materials 183 (2014): 117-123.	N	N/A	N/A	Sensitivity of metal organic frameworks to humid air
265.	Choi, E.S., Kim, J.S., Kown, K.H., Kim, H.S., Cho, N.P., Cho, S.D.	2012	Methanol extract of <i>Sanguisorba officinalis</i> L. with cytotoxic activity against PC3 human prostate cancer cells	Mol Med Rep (2012) Vol. 6(3), pp. 670-4	N	N/A	N/A	Cytotoxic activity of plant extracts

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266.	Choi, H; Gun-Hee, K	2014	Inhibitory effects of <i>Allium sacculiferum</i> max. methanol extracts on ROS production and lipid accumulation during differentiation of 3T3-L1 cells	Journal of the Korean Society of Food Science and Nutrition 43.6 (2014): 822-828.	N	N/A	N/A	Inhibitory effects of plane extracts on reactive oxygen species production and lipid accumulation
267.	Choi, H; Gun-Hee, K	2014	Inhibitory effects of <i>Allium senescens</i> L. methanol extracts on reactive oxygen species production and lipid accumulation during differentiation in 3T3-L1 cells	Korean Journal of Food Science and Technology 46.4 (2014): 498-504.	N	N/A	N/A	Inhibitory effects of plant extracts on reactive oxygen species production and lipid accumulation
268.	Choi, J.H., Jin, S.W., Kim, H.G., Khanal, T., Hwang, Y.P., Lee, K.J., Choi, C.Y., Chung, Y.C., Lee, Y.C., Jeong, H.G.	2013	<i>Platycodi radix</i> attenuates dimethylnitrosamine-induced liver fibrosis in rats by inducing Nrf2-mediated antioxidant enzymes	Food Chem Toxicol (2013) Vol. 56, pp. 231-9	N	N/A	N/A	Anti-fibrotic effects of platycode Radix root extract
269.	Choi, W-Y., Lee, Y-W., Kim, J-O.	2013	Performance of photocatalytic membrane reactor with dual function of microfiltration and organics removal	Research on Chemical Intermediates (2013) Vol. 39(4), pp. 1517-1522	N	N/A	N/A	Use of a photocatalytic membrane to decompose nitrosamines
270.	Chon S; Kang J	2013	Phenolics level and antioxidant activity of methanol extracts from different plant parts in <i>Youngia sonchifolia</i> .	Korean Journal of Crop Science 58.1 (2013): 20-27.	N	N/A	N/A	Antioxidant activity of plant extracts

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271.	Chou, Y; Shih, J	2014	Bi-channel surface acoustic wave gas sensor for carbon disulfide and methanol vapors in polymer plants	Journal of the Chinese Chemical Society 61.11 (2014): 1237-1244.	N	N/A	N/A	Gas sensor for carbon disulfide and methanol vapours
272.	Chowdhury, G., Calcutt, M.W., Nagy, L.D., Guengerich, F.P.	2012	Oxidation of methyl and ethyl nitrosamines by cytochrome P450 2E1 and 2B1	Biochemistry (2012) Vol. 51(50), pp. 9995-10007	N	N/A	N/A	Oxidation of nitrosamines by cytochrome P450
273.	Chowdhury, S.	2015	N-nitrosodimethylamine (NDMA) in food and beverages: a comparison in context to drinking water	Human and Ecological Risk Assessment (2014) Vol. 20(5), pp. 1291-1312	N	N/A	N/A	Estimates of human exposure to NDMA
274.	Christian E, O; Okwesili F, N; Parker E, J; Okechukwu P, U	2014	Acute toxicity investigation and anti-diarrhoeal effect of the chloroform-methanol extract of the leaves of <i>Persea americana</i>	IJPR 13.2 (Apr 2014 - Jun 2014): 651-8.	N	N/A	N/A	Toxicity and anti-diarrhoeal effects of plant extracts
275.	Chu, D.B., Feng, D.X., Zhang, J.H., Lin, H.S., Hu, W.L., Tian, Z.W.	2005	Novel system of direct methanol fuel cell anode catalysts: nanoTiO ₂ -CNT-PtNi complex catalysts	Huaxue Xuebao (2005) Vol. 63(22), pp. 2027-2031	N	N/A	N/A	Novel system of direct methanol fuel cell anode catalysts
276.	Chu, S; Becerikli, A E; Kortewille, B; Oropeza, F E; Strunk, J	2014	Tin-grafted TiO ₂ with enhanced activity for photocatalytic hydrogen generation from aqueous methanol solutions	International Journal of Hydrogen Energy 39.33 (2014): 18784-18792.	N	N/A	N/A	Photocatalytic hydrogen generation from aqueous methanol solutions
277.	Chuang, Y.H., Lin, A.Y., Wang, X.H., Tung, H.H.	2013	The contribution of dissolved organic nitrogen and chloramines to nitrogenous disinfection byproduct formation from natural organic matter	Water Res (2013) Vol. 47(3), pp. 1308-16	N	N/A	N/A	Contribution of dissolved organic nitrogen and chloramines to nitrogenous disinfection byproduct formation

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278.	Chung, E-H.	2005	In situ X-ray absorption and electrochemical study of electrocatalyst and methanol crossover in direct methanol fuel cell	Dissertation Abstracts International (2006) Vol. 68(3), Suppl. B, p. 112	N	N/A	N/A	Absorption and electrochemical study of electrocatalyst in methanol fuel cells
279.	Chung, Y-L., Lai, H-M.	2007	Properties of cast films made of HCl-methanol modified corn starch	Starch (2007) Vol. 59(12), pp. 583-592	N	N/A	N/A	Cast films made of corn starch
280.	Churson, P., Namwat, N., Loilome, W., Techasen, A., Pairojkul, C., Khuntikeo, N., Dechakhamphu, A., Talabnin, C., Chan-On, W., Ong, C.K., Teh, B.T., Yongvanit, P.	2013	Overexpression of microRNA-21 regulating PDCD4 during tumorigenesis of liver fluke-associated cholangiocarcinoma contributes to tumor growth and metastasis	Tumour Biol (2013) Vol. 34(3), pp. 1579-88	N	N/A	N/A	The role of RNA in tumour growth and metastasis
281.	Cimentí, M., Alzate-Restrepo, V., Hill, J.M.	2010	Direct utilization of methanol on impregnated Ni/YSZ and Ni-Zr sub(0.35) Ce sub(0.65)O ₂ /YSZ anodes for solid oxide fuel cells	Journal of Power Sources 195.13 (Jul 1, 2010): 4002-4012	N	N/A	N/A	Utilisation of methanol on anodes for solid oxide fuel cells
282.	Ciobanu, I.B., Constantinovici, D., Cretu, L.	2012	The dynamics of cell division in some local potato varieties cultivated in vitro on micropropagation medium	Cercetari Agronomice in Moldova (2012) Vol. 45(3), pp. 71-78	N	N/A	N/A	Cell division in potato cultivated on a medium containing daminozide
283.	Ciobanu, I.B., Ivănescu, L., Toma, C.	2013	The histo-anatomical aspects of the local potato varieties plantlets maintained in vitro by the slow growth	Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Ia (2013) Vol. 59(1), p. 5	N	N/A	N/A	Structure of vegetative organs in potato

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284.	Cobo, M; Becerra, J; Castelblanco, M; Cifuentes, B; Conesa, J A	2015	Catalytic hydrodechlorination of trichloroethylene in a novel NaOH/2-propanol/ methanol/water system on ceria-supported Pd and Rh catalysts.	Journal of Environmental Management 158 (2015): 1-10.	N	N/A	N/A	Catalytic hydrodechlorination of trichloroethylene
285.	Cohen, J.L., Volpe, D.J., Abruna, H.D.	2007	Electrochemical determination of activation energies for methanol oxidation on polycrystalline platinum in acidic and alkaline electrolytes	Phys Chem Chem Phys (2007) Vol. 991), pp. 49-77	N	N/A	N/A	Electrochemical determination of activation energies for methanol oxidation
286.	Collins-Martinez, V; Escobedo B M; Melendez Zaragoza, M; Salinas Gutierrez, J; Ortiz, A L	2013	Absorption enhanced reforming of light alcohols (methanol and ethanol) for the production of hydrogen: Thermodynamic modeling	International Journal of Hydrogen Energy 38.28 (2013): 12539-12553.	N	N/A	N/A	Absorption enhanced reforming of light alcohols for the production of hydrogen
287.	Concibido, N.C., Okuda, T., Nakano, Y., Nishijima, W., Okada, M.	2005	Enhancement of the catalytic hydrodechlorination of tetrachloroethylene in methanol at mild conditions by water addition	Tetrahedron Letters 46.21 (May 23, 2005): 3613-3617	N	N/A	N/A	Catalytic hydrodechlorination of tetrachloroethylene
288.	Cong, J., Wang, L., Zhang, G.	2012	Study on risk assessment and protective solutions for occupational poisoning of liquid propellant	Zhongguo Anquan Shengchan Kexue Jishu (2012) Vol. 8(7), pp. 40-45	N	N/A	N/A	Occupational poisoning from liquid propellant
289.	Conrad, R; Claus, P	2005	Contribution of methanol to the production of methane and its ¹³ C-isotopic signature in anoxic rice field soil	Biogeochemistry 73.2 (2005): 381-393	N	N/A	N/A	Contribution of methanol to the production of methane in rice fields

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290.	Contrera, J.F.	2011	Improved in silico prediction of carcinogenic potency (TD50) and the risk specific dose (RSD) adjusted Threshold of Toxicological Concern (TTC) for genotoxic chemicals and pharmaceutical impurities	Regul Toxicol Pharmacol (2011) Vol. 59(1), pp. 133-41	N	N/A	N/A	Prediction of carcinogenicity potential; no relevant endpoints investigated
291.	Contrera, J.F., Kruhlak, N.L., Matthews, E.J., Benz, R.D.	2007	Comparison of MC4PC and MDL-QSAR rodent carcinogenicity predictions and the enhancement of predictive performance by combining QSAR models	Regul Toxicol Pharmacol (2007) Vol. 49(3), pp. 172-82	N	N/A	N/A	Comparisons and enhancement of toxicology predictive software and QSARs
292.	Cook, M.D., Clark, R.F.	2007	Creatinine elevation associated with nitromethane exposure: a marker of potential methanol toxicity	The Journal of emergency medicine 33.3 (Oct 2007): 249-53	N	N/A	N/A	Markers for potential methanol toxicity
293.	Corkery, J M; Elliott, S; Schifano, F; Corazza, O; Ghodse, A H	2012	2-DPMP (desoxypipradrol, 2-benzhydrylpiperidine, 2-phenylmethylpiperidine) and D2PM (diphenyl-2-pyrrolidin-2-yl-methanol, diphenylprolinol): A preliminary review	Progress in Neuro-Psychopharmacology and Biological Psychiatry 39.2 (Dec 3, 2012): 253-258.	N	N/A	N/A	Review of 'legal highs'
294.	Correa de Freitas, M.C., Fontes, A.M., de Castilho Fernandes, A., Picanço-castro, V., de Sousa Russo, E.M., Covas, D.T.	2014	Murine leukemia virus-derived retroviral vector has differential integration patterns in human cell lines used to produce recombinant factor VIII	Rev Bras Dermatol Hemoter (2014) Vol. 36(3), pp. 213-8	N	N/A	N/A	No relevant endpoints investigated

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295.	Coulter, C V; Farquhar, S E; McSherry, C M; Isbister, G K; Duffull, S B	2011	Methanol and ethylene glycol acute poisonings – predictors of mortality	Clinical Toxicology (2011) Vol. 49(10), pp. 900-6	N	N/A	N/A	Relationships between biomarkers and methanol and ethylene glycol exposure
296.	Coulter, C.V., Isbister, G.K., Duffull, S.B.	2011	The pharmacokinetics of methanol in the presence of ethanol: A case study	Clin Pharmacokinet (2011) Vol. 50(4), pp. 245-51	N	N/A	N/A	Pharmacokinetics of methanol in the presence of ethanol; no relevant endpoints investigated
297.	Creton, S., Dewhurst, I.C., Earl, L.K., Gehen, S.C., Guest, R.L., Hotchkiss, J.A., Indans, I., Woolhiser, M.R., Billington, R.	2010	Acute toxicity testing of chemicals - Opportunities to avoid redundant testing and use alternative approaches	Crit Rev Toxicol (2010) Vol. 40(1), pp. 50-83	N	N/A	N/A	Approaches for elimination of toxicity testing
298.	Culik, J., Horak, T., Cejka, P., Jurkova, M.	2012	Non-volatile N-nitrosamines in brewing industry. Part II - study of the effect of UV irradiation on the ATNC and some representatives of N-nitrosoaminoacids in beer	Kvasny Prumysl (2012) Vol. 58(2), pp. 26-29	N	N/A	N/A	Nitrosamines in foodstuffs
299.	Cuquel, F.L., Sabbagh, M.C., Barneche de Oliveria, A.C.	2010	Control of ornamental sunflower height with daminozide	Semina: Ciencias Agrarias (2010) Vol. 31 (supl. 1), pp. 1187-1192	N	N/A	N/A	Efficacy study

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300.	Curreny, C.J., Erwin, J.E.	2012	Foliar applications of plant growth regulators affect stem elongation and branching of 11 kalanchoe species	HortTechnology (2012) Vol. 22(3), pp. 338-344	N	N/A	N/A	Efficacy study
301.	Currey, C.J., Lopez, R.G.	2011	Early flurprimidol drench applications suppress final height of four poinsettia cultivars	HortTechnology (2011) Vol. 21(1), pp. 35-40	N	N/A	N/A	Effect of flurprimidol on poinsettia
302.	Custer, T., Schade, G.	2007	Methanol and acetaldehyde fluxes over ryegrass	Tellus B (2007) vol. 59(4), pp. 673-84	N	N/A	N/A	OVOC exchange rates above ryegrass
303.	Da Silva Araújo, A., De Castro Lobo, C.L., Tadeu Covas, D., Ferreira Costa, F., Medeiros, L., Delfini Cançado, R., Menosi Gualandro, S.F., Olalla Saad, S.T.	2014	Guidelines on the treatment of anemia of chronic renal failure using recombinant human erythropoietin: Associação Brasileira de Hematologia, Hemoterapia e Terapia Celular Guidelines	Revista Brasileira de Hematologia e Hemoterapia (2014) Vol. 36(6), pp. 450-453	N	N/A	N/A	Development of guidelines on the treatment of anaemia of chronic renal failure
304.	Da Silva, E.F., Booth, A.M.	2013	Emissions from postcombustion CO ₂ capture plants	Environ Sci Technol (2013) Vol. 47(2), pp. 659-60	N	N/A	N/A	Emissions for CO ₂ capture plants

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305.	Dai, N., Li, D.Z., Chen, J.C., Chen, Y.S., Geng, R., Hu, Y.H., Yang, J.P., Du, J., Hu, C.P., Zhang, W., Li, J.S., Yu, Q., Wan, H.Y., Mu, L., Zhong, X.N., Wei, L.P., Ma, J.J., Wang, Q.Y., Hu, K., Tian, G.Z., Cai, S.X., Wang, R.Q., He, B., Wang, S.Q., Wang, Z.W., Zhao, S.R., Gao, Z.C.	2010	Drug-resistant genes carried by <i>Acinetobacter baumannii</i> isolated from patients with lower respiratory tract infection	Chin Med J (2010) Vol. 123(18), pp. 2571-5	N	N/A	N/A	Investigation into the spread of drug-resistant genes
306.	Dai, N., Mitch, W.A.	2013	Influence of amine structural characteristics on N-nitrosamine formation potential relevant to postcombustion CO ₂ capture systems	Environmental Science & Technology (2013) Vol. 47(22), pp. 13175-13183	N	N/A	N/A	Influence of amine on nitrosamine formation in postcombustion CO ₂ capture systems
307.	Dai, N., Mitch, W.A.	2013	Relative importance of N-nitrosodimethylamine compared to total N-nitrosamines in drinking waters	Environ Sci Technol (2013) Vol. 47(8), pp. 3648-56	N	N/A	N/A	Levels of NDMA in drinking water
308.	Dai, N., Shah, A.D., Hu, L., Plewa, M.J., McKague, B., Mitch, W.A.	2012	Measurement of nitrosamine and nitramine formation from NO _x reactions with amines during amine-based carbon dioxide capture for postcombustion carbon sequestration	Environ Sci Technol (2012) Vol. 46(17), pp. 9793-801	N	N/A	N/A	Nitrosamine formation during amine-based carbon capture

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309.	Dai, X., Li, G., Zhang, Z., Zou, L., Yan, Z.	2012	N-nitrosodimethylamine adsorption in aqueous phase by activated carbons with different porous and surface structures	Asia-Pacific Journal of Chemical Engineering (2012) Vol. 7(2), pp. 266-273	N	N/A	N/A	NDMA adsorption from aqueous solution with activated carbon
310.	Danwittayakul, S; Lakshman, K; Al-Harthi, S; Dutta, J	2014	Enhanced hydrogen selectivity via photo-engineered surface defects for methanol steam reformation using zinc oxide-copper nanocomposite catalysts	Applied Catalysis, A: General 471 (2014): 63-69.	N	N/A	N/A	Catalytic production of hydrogen via methanol steam reformation
311.	Darandeh, N; Hadavi, E; Shoor, M	2011	Effect of FESO ₄ , methanol and H ₂ SO ₄ sprays on chlorophyll content of Lilium 'Brunello'	Acta Horticulturae 900 (Jul 2011): 217-221.	N	N/A	N/A	Effects of sprays on chlorophyll content of Lilium 'Brunello'
312.	Das, M., Barbora, L., Das, P., Goswami, P.	2014	Biofuel cell for generating power from methanol substrate using alcohol oxidase bioanode and air-breathed laccase biocathode	Biosens Bioelectron (2014) Vol. 59, pp. 184-91	N	N/A	N/A	Biofuel cell for generating power from methanol substrate
313.	Das, M.R., Sarma, C.M., Das, B.K.	2009	Studies on foliar application of certain growth retardants on sesamum (<i>Sesamum indicum</i> L.)	National Journal of Life Sciences (2009) Vol. 6(1), pp. 9-13	N	N/A	N/A	Efficacy study
314.	Das, S; Yadav, S; Dubey, M; Singh, R	2014	Ethno medical value of <i>Houttuynia cordata</i> Thunb methanol extract in experimentally induced diarrhoea.	IJPSR (2014) Vol. 5(6), pp. 2486-2489	N	N/A	N/A	Ethno medical value of plant extracts

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
315.	Dastous, P.A., Nikiema, J., Soreanu, G., Bibeau, L., Heitz, M.	2008	Elimination of methanol and ethanol by biofiltration: An experimental study	Water, Air & Soil Pollution: Focus (2008) Vol. 8(3), pp. 275-285	N	N/A	N/A	Elimination of methanol and ethanol by biofiltration
316.	David, R M; Jones, H S; Panter, G H; Winter, M J; Hutchinson, T H; Kevin C J	2012	Interference with xenobiotic metabolic activity by the commonly used vehicle solvents dimethylsulfoxide and methanol in zebrafish (Danio rerio) larvae but not Daphnia magna	Chemosphere 88.8 (Aug 2012): 912-7.	N	N/A	N/A	Interference with xenobiotic metabolic activity by commonly used vehicle solvents; no relevant endpoints investigated
317.	De Barros, A L F; da Silveira, E F; Rothard, H; Langlinay, T; Boduch, P	2014	Chemical and physical effects induced by heavy cosmic ray analogues on frozen methanol and water ice mixtures	Monthly Notices of the Royal Astronomical Society 443.3 (Sep 2014): 2733.	N	N/A	N/A	Effects induced by heavy cosmic ray analogues on frozen methanol and water ice mixtures
318.	De Brabander, N., Wojciechowski, M., De decker, K., De Weerd, A., Jorens, P.G.	2005	Fomepizole as a therapeutic strategy in paediatric methanol poisoning. A case report and review of the literature	Eur J Pediatr (2005) Vol. 164(3), pp. 158-61	N	N/A	N/A	Literature review
319.	De Dieu Tamokou, J; Kuate, J R; Gatsing, D; Efouet, A P N; Njouendou, A J	2011	Antidermatophytic and toxicological evaluations of dichloromethane-methanol extract, fractions and compounds isolated from coula edulis	Iranian Journal of Medical Sciences 36.2 (Jun 2011): 111-121.	N	N/A	N/A	Antidermatophytic and toxicological evaluations of plant extracts

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320.	De Mey, E., De Klerck, K., De Maere, H., Dewulf, L., Derdelinckx, G., Peeters, M-C., Fraeye, I., Vander Heyden, Y., Paelinck, H.	2014	The occurrence of N-nitrosamines, residual nitrite and biogenic amines in commercial dry fermented sausages and evaluation of their occasional relation	Meat Science (2014) Vol. 96(2). Pt A., pp. 821-8	N	N/A	N/A	Detection of nitrosamines in foodstuffs
321.	De Oliveira, B V; Teixeira, G S; Reis, O; Barau, J G; Teixeira, P J P L; do Rio, M C S; Domingues, R R; Meinhardt, L W; Paes Leme, A F; Rincones, J; Pereira, G A G	2012	A potential role for an extracellular methanol oxidase secreted by <i>Moniliophthora perniciosa</i> in Witches' broom disease in cacao	Fungal Genetics and Biology (2012) Vol. 49911), pp. 922-32	N	N/A	N/A	Role of methanol oxidase secreted by fungal species
322.	De Ridder, D.J., Verbek, J.Q.J.C., Heijman, S.G.J., Amy, G.L., van Dijk, J.C.	2012	Zeolites for nitrosamine and pharmaceutical removal from demineralized and surface water: Mechanisms and efficacy	Separation and Purification Technology (2012) Vol. 89, pp. 71-77	N	N/A	N/A	Mechanism for the removal of nitrosamine from water
323.	De Souza Almeida, E.S., Filho, V.C., Niero, R., Clasen, B.K., Balogun, S.O., de Oliveira Martins, D.T.	2011	Pharmacological mechanisms underlying the anti-ulcer activity of methanol extract and canthin-6-one of <i>Simaba ferruginea</i> A. St-Hil. in animal models	Journal of Ethnopharmacology 134.3 (Apr 12, 2011): 630-6	N	N/A	N/A	Pharmacological mechanisms of anti-ulcer activity of plant extracts

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324.	De Stefani, E., Deneo-Pellegrini, H., Ronco, A.L., Boffetta, P., Correr, P., Aune, D., Mendilaharsu, M., Acosta, G., Silva, C., Landó, G., Luaces, M.E.	2012	Meat consumption, cooking methods, mutagens, and risk of squamous cell carcinoma of the esophagus: A case-control study in Uruguay	Nutr Cancer (2012) Vol. 64(2), pp. 294-9	N	N/A	N/A	Investigation into the role of meat in the development of cancer
325.	De, C., Cai, Q., Wang, X., Zhao, J., Lu, B.	2011	Highly selective synthesis of propylene glycol ether from methanol and propylene oxide catalyzed by basic ionic liquid	Journal of Chemical Technology and Biotechnology (2011) Vol. 86(1), pp. 105-108	N	N/A	N/A	Synthesis of propylene glycol ether from methanol and propylene oxide
326.	Delau, H., Miró Sabaté, C.	2012	Synthesis and characterization of two formyl 2-tetrazenes	Chem Asian J (2012) Vol. 7(4), pp. 715-24	N	N/A	N/A	Synthesis and characterization of two formyl 2-tetrazenes
327.	Deligöz, H; Yilmaztuerk, S; Guemesoglu, T	2013	Improved direct methanol fuel cell performance of layer-by-layer assembled composite and catalyst containing membranes	Electrochimica Acta 111 (2013): 791-796.	N	N/A	N/A	Improved direct methanol fuel cell performance
328.	Demirci, E; Stettner, J; Kratzer, M; Schennach, R; Winkler, A	2007	Methanol adsorption on Cu(110) and the angular distribution of the reaction products	The Journal of chemical physics 126.16 (Apr 28, 2007): 164710	N	N/A	N/A	Methanol adsorption on Cu(110)
329.	Deng, H., Chen, J., Jiao, K., Huang, X.	2014	An analytical model for alkaline membrane direct methanol fuel cell	International Journal of Heat and Mass Transfer (2014) Vol. 74, pp. 376-390	N	N/A	N/A	Alkaline membrane direct methanol fuel cell

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330.	Deng, L., Guindon, J., Vemuri, V.K., Thakur, G.A., White, F.A., Makriyannis, A., Hohmann, A.G.	2012	The maintenance of cisplatin- and paclitaxel-induced mechanical and cold allodynia is suppressed by cannabinoid CB ₂ receptor activation and independent of CXCR4 signaling in models of chemotherapy-induced peripheral neuropathy	Mol Pain (2012) Vol. 8, pp. 71	N	N/A	N/A	No relevant endpoints investigated
331.	Deng, L., Huang, C-H., Wang, Y-L.	2014	Effects of combined UV and chlorine treatment on the formation of trichloronitromethane from amine precursors	Environ Sci Technol (2014) Vol. 48(5), pp. 2697-2705	N	N/A	N/A	Effects of combined UV and chlorine treatment on formation of trichloronitromethane from amine precursors
332.	Deng, Y., Tang, L., Zhang, W., Wang, S., Chen, L.	2014	Preliminary study on the association between the growth promotion and methanol metabolism in Petunia plants.	Acta Botanica Boreali-Occidentalia Sinica (2014) Vol. 34(1), pp. 99-105	N	N/A	N/A	Association between growth promotion and methanol metabolism in Petunia
333.	Derzhavets, L.A.	2012	The significance of laboratory indices to determine the number of lesions in patients with non-muscle invasive urinary bladder cancer	Sovremennye Tehnologii v Medicine (2012) Vol. 2012(3), pp. 36-39	N	N/A	N/A	Estimation of laboratory indices to determine lesions in patients with bladder cancer
334.	Desai, K; Spikings, E; Zhang, T	2015	Use of methanol as cryoprotectant and its effect on sox genes and proteins in chilled zebrafish embryos	Cryobiology 71.1 (Aug 1, 2015): 1-11.	N	N/A	N/A	Use of methanol as cryoprotectant

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335.	Desai, T., Sudhalkar, A., Vyas, U., Khamar, B.	2013	Methanol poisoning: Predictors of visual outcomes	JAMA Ophthalmol (2013) Vol. 131(3), pp. 358-64	N	N/A	N/A	Determination as to whether laboratory markers of methanol ingestion and subsequent toxicity can serve as predictors of visual outcomes in patients
336.	Désy, O., Carignan, D., Caruso, M., de Campos-Lima, P.O.	2010	Methanol induces a discrete transcriptional dysregulation that leads to cytokine overproduction in activated lymphocytes	Toxicological S (2010) Vol. 117(2), pp. 303-313	N	N/A	N/A	Mechanism of methanol intoxication; no relevant endpoints investigated
337.	DeVor, R., Carvalho-Knighton, K., Aitken, B., Maloney, P., Holland, E., Talalaj, L., Elsheimer, S., Clausen, C.A., Geiger, C.L.	2009	Mechanism of the degradation of individual PCB congeners using mechanically alloyed Mg/Pd in methanol	Chemosphere 76.6 (Aug 2009): 761-6	N	N/A	N/A	Mechanism of the degradation of individual PCB congeners
338.	Dhital, S.P., Lim Hak Tae	2012	Microtuberization of potato (<i>Solanum tuberosum</i> L.) as influenced by supplementary nutrients, plant growth regulators, and in vitro culture conditions	Potato Research (2012) Vol. 55(2), pp. 97-108	N	N/A	N/A	Influences on micro-tuberisation of potato
339.	Diaz, L A; Abuin, G C; Corti, H R	2012	Methanol sorption and permeability in Nafion and acid-doped PBI and ABPBI membranes	Journal of Membrane Science 411-412 (Sep 1, 2012): 35-44.	N	N/A	N/A	Methanol sorption and permeability in Nafion and acid-doped PBI and ABPBI membranes

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340.	Diaz, V., Zinola, C.F.	2007	Catalytic effects on methanol oxidation produced by cathodization of platinum electrodes	J Colloid Interface Sci (2007) Vol. 313(1), pp. 232-47	N	N/A	N/A	Catalytic effects on methanol oxidation
341.	DiFranco, S.A., Staples, R.J., Odom, A.L.	2013	Single-site N-N bond cleavage by Mo(IV): possible mechanisms of hydrazido(1-) to nitrido conversion	Dalton Trans (2013) Vol. 42(7), pp. 2530-9	N	N/A	N/A	Mechanisms of hydrazido(1-) to nitrido conversion
342.	Dikbas, N., Kotan, R., Dadasoglu, F., Sahin, F.	2008	Control of <i>Aspergillus flavus</i> with essential oil and methanol extract of <i>Satureja hortensis</i>	Int J Food Microbiol (2008) Vol. 124(2), pp. 179-82	N	N/A	N/A	Fungal control with plant extracts
343.	Dimas, A.S., et al.	2014	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity	Diabetes (2014) Vol. 63(6), pp. 2158-71	N	N/A	N/A	Genetics and processes leading to type 2 diabetes
344.	Dimas, K., Hatziantoniou, S., Wyche, J.H., Pantazis, P.	2009	A mastic gum extract induces suppression of growth of human colorectal tumor xenografts in immunodeficient mice	In Vivo (2009) Vol. 23(1), pp. 63-8.	N	N/A	N/A	Investigation into anticancer properties of plant extracts
345.	Dimas, V.V., Murthy, R., Guleserian, K.J.	2014	Utilization of the impella 2.5 micro-axial pump in children for acute circulatory support	Catheterization and Cardiovascular Interventions (2014) Vol. 83(2), pp. 261-2	N	N/A	N/A	Percutaneous circulatory support in children
346.	Dimitrova, D., Marcheiva, M.P.	2009	Maintenance and in vitro conservation of potatoes	Acta Horticulturae (2009) No. 830, pp. 71-76	N	N/A	N/A	Maintenance and in vitro conservation of potatoes

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347.	Dimo, T., Laurent, F., Rakotonirina, S.V., Tan, P.V., Kamtchouing, P., Dongo, E., Cros, G.	2006	Methanol extract of <i>Terminalia superba</i> induces endothelium-independent relaxation of rat thoracic aorta	Pharmazie 61.5 (May 2006): 470-473	N	N/A	N/A	Plant extract effects on rat thoracic aorta
348.	Din, I U; Shaharun, M S; Subbarao, D; Naeem, A	2015	Synthesis, characterization and activity pattern of carbon nanofibers based copper/zirconia catalysts for carbon dioxide hydrogenation to methanol: Influence of calcination temperature	Journal of Power Sources 274 (2015): 619-628.	N	N/A	N/A	Copper/zirconia catalysts for carbon dioxide hydrogenation to methanol
349.	Ding, Y; Das, K C; Whitman, W B; Kastner, J R	2006	Enhanced biofiltration of hydrogen sulfide in the presence of methanol and resultant bacterial diversity	Transactions of the ASABE 49.6 (2006): 2051-2059	N	N/A	N/A	Biofiltration of hydrogen sulphide
350.	Discenza, L., D'Arienzo, C., Olah, T., Jemal, M.	2010	LC-MS/MS method using unbonded silica column and aqueous/methanol mobile phase for the simultaneous quantification of a drug candidate and co-administered metformin in rat plasma	Journal of Chromatography B 878.19 (Jun 1, 2010): 1583-1589	N	N/A	N/A	Analytical detection of a drug candidate and metformin in rat plasma
351.	Dixit, S., Upadhyay, S.K., Singh, H., Sidhu, O.P., Verma, P.C., K C.	2013	Enhanced methanol production in plants provides broad spectrum insect resistance	PLoS One (2013) Vol. 8(11), e79664	N	N/A	N/A	Efficacy study
352.	Do Monte, S.A., Ventura, E., de Andrade, R.B., Fragoso, W.D.	2012	Control of ionic properties of N-nitrosodimethylamine through hydrogen substitution by fluorine atoms	Struct Chem (2012) Vol. 23, pp. 1193-1201	N	N/A	N/A	Control of ionic properties of NDMA

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353.	Döbler, J., Pritzsche, M., Sauer, J.	2005	Oxidation of methanol to formaldehyde on supported vanadium oxide catalysts compared to gas phase molecules	Journal of the American Chemical Society 127.31 (Aug 10, 2005): 10861-8	N	N/A	N/A	Oxidation of methanol on vanadium oxide catalysts
354.	Doederer, K., Farre, M.J., Pidou, M., Weinberg, H.S., Gernjak, W.	2014	Rejection of disinfection by-products by RO and NF membranes: Influence of solute properties and operational parameters	Journal of Membrane Science (2014) Vol.467, pp. 195-205	N	N/A	N/A	Disinfection byproduct rejection by reverse osmosis and nanofiltration membranes
355.	Dolgikh, O.V., Kritvtsov, A.V., Bubnova, O.A., Predeina, R.A., Dianova, D.G., Sinitisyna, O.O., Maliutina, N.N., Taranenko, L.A.	2013	Immunogenetic features of apoptosis in workers engaged in methanol production	Med Tr Prom Ekol (2013) Vol. 11, pp. 9-12	N	N/A	N/A	Immunogenetic features of apoptosis in workers engaged in methanol production; no relevant endpoints investigated
356.	Domínguez, L., González, A., Moreno, N.	2010	Sonic hedgehog expression during <i>Xenopus laevis</i> forebrain development	Brain Res (2010) Vol. 1347, pp. 19-32	N	N/A	N/A	<i>Xenopus laevis</i> forebrain development
357.	Domínguez, L., Morona, R., González, A., Moreno, N.	2013	Characterization of the hypothalamus of <i>Xenopus laevis</i> during development. I. The alar regions	J Comp Neurol (2013) Vol. 521(4), pp. 725-59	N	N/A	N/A	Characterisation of the hypothalamus of <i>Xenopus laevis</i>
358.	Dönderici, Z S; Dönderici, A; Sayan, M	2013	Determination of the amount of methanol in the variety of "bogma raki" sent to Adana Hygiene Institute between January 2007 and December 2011	Türk Hijyen ve Deneysel Biyoloji Dergisi 70.2 (2013): 59-64.	N	N/A	N/A	Analytical detection of methanol in foodstuffs

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359.	Donfack, J.H., Simo, C.C., Ngameni, B., Tchana, A.N., Kerr, P.G., Finzi, P.V., Vidari, G., Giardina, S., Buonocore, D., Ngadjui, B.T., Moundipa, P.F., Marzatico, F.	2010	Antihepatotoxic and antioxidant activities of methanol extract and isolated compounds from <i>Ficus chlamydocarpa</i>	Nat Prod Cummun (2010) Vol. 5(10), pp. 1607-12	N	N/A	N/A	Antihepatotoxic and antioxidant activities of plant extracts
360.	Dong, Q-Q., Zhang, A., Li, Y-M., Chen, L., Huang, Q-H.	2014	Linking optical properties of dissolved organic matter with NDMA formation potential in the Huangpu River	Huan Jing Ke Xue (2014) Vol. 35(3), pp. 958-63	N	N/A	N/A	Relationship between optical properties of organic matter and NDMA formation in river water
361.	Dong, Y.	2013	Growth effects of three plant growth retardants on <i>Jacaranda mimosifolia</i> Sapling	Anhui Nongye Kexue (2013) Vol. 41910), pp. 4415-4416	N	N/A	N/A	Efficacy study
362.	Dorich, S., Del Valle, J.R., Hanessian, S.	2014	Synthesis of functionalized octahydroindoles related to daphnyphyllum alkaloids	Synlett (2014) Vol. 25(6), pp. 799-804	N	N/A	N/A	Synthesis of functionalized octahydroindoles related to daphnyphyllum alkaloids
363.	Dorokhov, Y L; Komarova, T V; Petrunia, I V; Kosorukov, V S; Zinovkin, R A; Shindyapina, A V; Frolova, O Y; Gleba, Y Y A N B	2012	Methanol may function as a cross-kingdom signal	PloS one 7.4 (2012): e36122.	N	N/A	N/A	Methanol may function as a cross-kingdom signal

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364.	Doss, A; Anand, S P	2014	Antihyperglycemic activity of methanol and aqueous extracts of <i>Pergularia daemia</i> Linn.	African Journal of Biotechnology 13.1 (2014): 170-174.	N	N/A	N/A	Antihyperglycemic activity of plant extracts
365.	Doubayashi, D., Ootake, T., Maeda, Y., Oki, M., Tokunaga, Y., Sakurai, A., Nagaosa, Y., Mikami, B., Uchida, H.	2011	Formate oxidase, an enzyme of the glucose-methanol-choline oxidoreductase family, has a His-Arg pair and 8-formyl-FAD at the catalytic site	Biosci Biotechnol Biochem (2011) Vol. 75(9), pp. 1662-7	N	N/A	N/A	Characterisation of formate oxidase
366.	Drago, L., Boot, W., Dimas, K., Malizos, K., Hänsch, G.M., Stuyck, J., Gawlitta, D., Romanò, C.L.	2014	Does implant coating with antibacterial-loaded hydrogel reduce bacterial colonization and biofilm formation in vitro?	Clin Orthop Relat Res (2014) Vol. 472(11), pp. 3311-23	N	N/A	N/A	Bacterial colonisation and biofilm formation on implant coatings
367.	Dranoff, J.A., Feld, J.J., Lavoie, E.G., Fausther, M.	2014	How does coffee prevent liver fibrosis? Biological plausibility for recent epidemiological observations	Hepatology (2014) Vol. 60(2), pp. 464-467	N	N/A	N/A	Epidemiology of liver fibrosis
368.	Dror, A; Kanteev, M; Kagan, I; Gihaz, S; Shahar, A; Fishman, A	2015	Structural insights into methanol-stable variants of lipase T6 from <i>Geobacillus stearothermophilus</i>	Applied microbiology and biotechnology 99.22 (Nov 2015): 9449-61.	N	N/A	N/A	Structure of methanol-stable lipase
369.	Dror, A; Shemesh, E; Dayan, N; Fishman, A	2014	Protein engineering by random mutagenesis and structure-guided consensus of <i>Geobacillus stearothermophilus</i> Lipase T6 for enhanced stability in methanol	Applied and environmental microbiology 80.4 (Feb 2014): 1515-27.	N	N/A	N/A	Protein engineering of <i>Geobacillus stearothermophilus</i> Lipase T6

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370.	Du, B., Rabb, S.A., Zangmeister, C., Tong, Y.	2009	A volcano curve: optimizing methanol electro-oxidation on Pt-decorated Ru nanoparticles	Phys Chem Chem Phys (2009) Vol. 11(37), pp. 8231-9	N	N/A	N/A	Methanol electro-oxidation on Pt-decorated Ru nanoparticles
371.	Duan, Z., Li, C.	2012	Synthesis and inhibition of nitrosation of complexes of flavonoid from <i>Rabdosia serra</i> (Maxim.) Hara	Huaxue Shijie (2012) Vol. 53(3), pp. 172-175	N	N/A	N/A	Inhibition of nitrosation by flavonoids
372.	Duan, Z-F., Fu, L., Zhao, Z-H.	2012	Inhibition effects of flavonoids from <i>Exocarpium citri</i> Grandis on nitrosation	Bulletin of Botanical Research (2012) Vol. 32(2), pp. 253-256	N	N/A	N/A	Inhibition of flavonoid extracts on nitrosation
373.	Duangkaew, P., Wootthikanokkhan, J.	2008	Methanol permeability and proton conductivity of direct methanol fuel cell membranes based on sulfonated poly(vinyl alcohol)-layered silicate nanocomposites	Journal of Applied Polymer Science 109.1 (2008): 452-458	N	N/A	N/A	Permeability and conductivity of methanol fuel cell membranes
374.	Duck, M.W., Cregg, B.M., Fernandez, R.T., Heins, R.D., Cardoso, F.F.	2004	Controlling growth of tabletop Christmas trees with plant growth retardants	HortTechnology (2004) Vol. 14(4), pp. 528-532	N	N/A	N/A	Efficacy study
375.	Dudka, J.	2006	The total antioxidant status in the brain after ethanol or 4-methylpyrazole administration to rats intoxicated with methanol	Exp Toxicol Pathol (2006) Vol. 57(5-6), pp. 445-8	N	N/A	N/A	Effects of ethanol and 4-methyl pyrazole on antioxidant status of brains of rats intoxicated with methanol
376.	Duell, E.J.	2012	Epidemiology and potential mechanisms of tobacco smoking and heavy alcohol consumption in pancreatic cancer	Mol Carcinog (2012) Vol. 51(1), pp. 40-52	N	N/A	N/A	Effect of cigarette smoke and alcohol consumption on pancreatic cancer

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377.	Dulaurent, S., Moesch, C., Marguet, P., Gaulier, J.M., Lachâtre, G.	2010	Screening of pesticides in blood with liquid chromatography-linear ion trap mass spectrometry	Anal Bioanal Chem (2010) Vol. 396(6), pp. 2235-49	N	N/A	N/A	Analytical method for screening of pesticides in blood
378.	Duncan, K D; McCauley, E P B; Krogh, E T; Gill, C G	2011	Characterization of a condensed-phase membrane introduction mass spectrometry (CP-MIMS) interface using a methanol acceptor phase coupled with electrospray ionization for the continuous on-line quantitation of polar, low-volatility analytes at trace levels in complex aqueous samples	RCM 25.9 (May 15, 2011): 1141-51.	N	N/A	N/A	Development and application of a capillary hollow fibre membrane interface
379.	Durairaj, P., Miller, S.C.	2012	Inhibition/prevention of primary liver tumors in mice given a daily dietary extract of North American ginseng (<i>Panax quinquefolius</i>) following a hepatoma-inducing agent	Biomedical Research (2012) Vol. 23(3), pp. 430-437	N	N/A	N/A	Use of ginseng to inhibit/ prevent liver tumours
380.	Dzoyem, J P; Nkegoum, B; Kuete, V	2013	A 4-week repeated oral dose toxicity study of the methanol extract from <i>Diospyros canaliculata</i> in rats.	Comparative Clinical Pathology 22.1 (2013): 75-81.	N	N/A	N/A	Plant extract toxicity in rats

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381.	Dzoyem, J P; NKuete, A H L; Kuete, V; Tala, M F; Wabo, H K; Guru, S K; Rajput, V S; Sharma, A; Tane, P; Khan, I A; Saxena, A K; Laatsch, H; Tan, N	2012	Cytotoxicity and antimicrobial activity of the methanol extract and compounds from <i>Polygonum limbatum</i>	Planta Medica 78.8 (May 2012): 787-792.	N	N/A	N/A	Cytotoxicity and antimicrobial activity of plant extracts
382.	EFSA	2012	Reasoned opinion on the review of the existing maximum residue levels (MRLs) for daminozide according to Article 12 of Regulation (EC) No 396/200	EFSA Journal (2012) Vol. 10(4), pp. 2650, 16 pp	N	N/A	N/A	Daminozide MRLs
383.	Eftekhari, M.H., Ershad, M., Oryan, A.	2013	Hepatoprotective effects of soy protein isolate against dimethylnitrosamine-induced acute liver injury in Sprague Dawley rat	Mediterranean Journal of Nutrition and Metabolism (2013) Vol. 6(1), pp. 23-29	N	N/A	N/A	Hepatoprotective effects of soy protein liver isolate against acute liver toxicity
384.	Eichner, J., Kossler, N., Wrzodek, C., Kalkuhl, A., Toft, D.B., Ostenfeldt, N., Richard, V., Zell, A.	2013	A toxicogenomic approach for the prediction of murine hepatocarcinogenesis using ensemble feature selection	PLOS ONE (2013) Vol. 8(9), e73938	N	N/A	N/A	Prediction of murine hepatocarcinogenesis
385.	Einbu, A., DaSilva, E., Haugen, G., Grimstvedt, A., Lauritsen, K.G., Zahlsen, K., Vassbotn, T.	2013	A new test rig for studies of degradation of CO ₂ absorption solvents at process conditions; comparison of test rig results and pilot plant data for degradation of MEA	Energy Procedia (2013) Vol. 37, pp. 717-726	N	N/A	N/A	Test rig for studies of degradation of CO ₂ absorption solvents at process conditions

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
386.	Ekram, S A; Najia, A A	2006	Mammal toxicity and mutagenicity assessment of the methanol extract of the molluscicidal plant <i>Euphorbia schimperiana</i>	Pakistan Journal of Biological Sciences 9.10 (2006): 1911-1916	N	N/A	N/A	Toxicity and mutagenicity assessment of plant extracts
387.	El Baz, F.K., Salama, Z.A., Baky, H.H.A., Gaafar, A.A.	2014	Hepatoprotective effect of sweet fennel (<i>Foeniculum vulgare</i> L.) methanol extract against carbon tetrachloride induced liver injury in rats	International Journal of Pharmaceutical Sciences Review and Research 25.2 (Mar 2014 - Apr 2014): 194-201.	N	N/A	N/A	Hepatoprotective effect of plant extracts
388.	El-Bakary, A.A., El-Dakrory, S.A., Attalla, S.M., Hasanein, N.A., Malek, H.A.	2010	Ranitidine as an alcohol dehydrogenase inhibitor in acute methanol toxicity in rats	Human & experimental toxicology 29.2 (Feb 2010): 93-101	N	N/A	N/A	Development of an antidote for acute methanol toxicity
389.	El-Deab, M.S., El-Nagar, G.A.A., Mohammed, A.M., El-Anadouli, B.E.	2015	Fuel blends: Enhanced electro-oxidation of formic acid in its blend with methanol at platinum nanoparticles modified glassy carbon electrodes	Journal of Power Sources (2015) Vol. 286, pp. 504-509	N	N/A	N/A	Electro-oxidation of formic acid with methanol at platinum nanoparticles modified glassy carbon electrodes
390.	El-Din, A.A.E., Aziz, E.E., Hendawy, S.F., Omer, E.A.	2009	Response of <i>Thymus vulgaris</i> L. to salt stress and Alar (B9) in newly reclaimed soil	Journal of Applied Sciences Research (2009) Vol. 5(12), pp. 2165-2170	N	N/A	N/A	Effect of salinity and Alar (B9) on <i>T. vulgaris</i>
391.	Elezovic, N.R., Baic, B.M., Radmilovic, V.R., Gojkovic, L., Krstajic, N.V., Vracar, Lj.M.	2008	Pt/C doped by MoO _x as the electrocatalyst for oxygen reduction and methanol oxidation	Journal of Power Sources (2008) Vol. 175(1), pp. 250-255	N	N/A	N/A	Electrocatalyst for oxygen reduction and methanol oxidation

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392.	El-Faham, A; Elzatahry, A A; Al-Othman, Z A; Elsayed, E A	2014	Facile method for the synthesis of silver nanoparticles using 3-hydrazino-isatin derivatives in aqueous methanol and their antibacterial activity	International journal of nanomedicine 9 (Mar 5, 2014): 1167-74.	N	N/A	N/A	Synthesis of silver nanoparticles
393.	El-Nahas, H A; El-Nabarawy, S K; Abdel-Hady, A A; Abdel-Hady, A M; Raouf, H A A	2014	Effect of methanol extracts of three dietary plants growing in Egypt on mice fed with high fat diet.	Journal of Applied Pharmaceutical Science 4.5 (2014): 104-111.	N	N/A	N/A	Plant extract effects on mice
394.	Elshazly, S.M., Mahmoud, A.A.	2014	Antifibrotic activity of hesperidin against dimethylnitrosamine-induced liver fibrosis in rats	Naunyn Schmeidebergs Arch Pharmacol (2014) Vol. 387(6), pp. 559-67	N	N/A	N/A	Antifibrotic activity of hesperidin
395.	Elufioye, T O; Onoja, J O	2015	Acute toxicity and histopathological assessment of methanol extract of <i>Cleome viscosa</i> (Linn.) whole plant.	Journal of Medicinal Plants Research 9.11 (2015): 360-369.	N	N/A	N/A	Toxicity of plant extracts
396.	Emami, A., Zamani Taghizadeh Rabe, Sh., Ahi, A., Mahmoudi, M.	2010	Cytotoxic effects of <i>Artemisia annua</i> methanol extract on cancer cell lines in vitro	Journal of Kerman University of Medical Sciences 17.3 (Jul 2010 - Sep 2010): 215-225	N	N/A	N/A	Cytotoxic activity of plant extracts on cancer cell lines
397.	Emmett, E.J., Richards-Taylor, C.S., Nguyen, B., Garcia-Rubia, A., Hayter, B.R., Willis, M.C.	2012	Palladium-catalysed aminosulfonylation of aryl-, alkenyl- and heteroaryl halides: scope of the three-component synthesis of N-aminosulfonamides	Org Biomol Chem (2012) Vol. 10(20), pp. 4007-14	N	N/A	N/A	Palladium-catalysed aminosulfonylation of halides

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398.	Empl, M.T., Kammeyer, P., Ulrich, R., Joseph, J.F., Parr, M.K., Willenberg, I., Schebb, N.H., Baumgärtner, W., Röhrdanz, E., Steffen, C., Steinberg, P.	2014	The influence of chronic L-carnitine supplementation on the formation of preneoplastic and atherosclerotic lesions in the colon and aorta of male F344 rats	Arch Toxicol (2014) Aug 28 Epub ahead of print	N	N/A	N/A	Influence of L-carnitine supplementation on formation of lesions in the colon and aorta of rats
399.	Engeldinger, J., Domke, C., Richter, M., Bentrup, U.	2010	Elucidating the role of Cu species in the oxidative carbonylation of methanol to dimethyl carbonate on CuY: an in situ spectroscopic and catalytic study	Applied Catalysis A: General 382.2 (2010): 303-311	N	N/A	N/A	Oxidative carbonylation of methanol to dimethyl carbonate on CuY
400.	Er, H.M., Cheng, E-H., Radhakrishnan, A.K.	2007	Anti-proliferative and mutagenic activities of aqueous and methanol extracts of leaves from <i>Pereskia bleo</i> (Kunth) DC (Cactaceae)	Journal of Ethnopharmacology 113.3 (Sep 25, 2007): 448-56	N	N/A	N/A	Anti-proliferative and mutagenic activities of plant extracts
401.	Erdem, B; Kara, A	2012	Sulfonic acid functionalized poly(ethylene glycol dimethacrylate-1-vinyl-1,2,4-triazole) as a high-performance solid acid catalyst for the esterification of lactic acid with methanol	Journal of colloid and interface science 367.1 (Feb 1, 2012): 394-7.	N	N/A	N/A	Catalyst for the esterification of lactic acid with methanol

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
402.	Ernstgård, L., Shibata, E., Johanson, G.	2005	Uptake and disposition of inhaled methanol vapor in humans	Toxicological sciences 88.1 (Nov 2005): 30-8	N	N/A	N/A	Human exposure to methanol vapour; no relevant endpoints investigated
403.	Espiritu, A G; Doma, B T J; Wang, Y; Masim, F C P	2014	Efficacy of methanol extracts of <i>Mentha haplocalyx</i> Briq. and <i>Paeonia suffruticosa</i> Andr. for potential antibacterial activity	Sustainable Environment Research 24.5 (2014): 319-324.	N	N/A	N/A	Antibacterial activity of plant extracts
404.	Esquivel-pool, A.G., Villanueva-Couoh, E., Perez-Guiterrez, A., Sanchez-Cach, L.A., Fuentes-Cerda, C.F.J.	2005	Daminozide increases inflorescence diameter of chrysanthemum (<i>Dendranthema grandiflora</i> Tzelev.), cv. polaris white	Revista Chapingo Serie Horticultura (2005) Vol. 11(2), pp. 361-364	N	N/A	N/A	Efficacy study
405.	Estévez, E., Villacampa, M., Menéndez, J.C.	2012	Three-component access to pyrroles promoted by the CAN-silver nitrate system under high-speed vibration milling conditions: a generalization of the Hantzsch pyrrole synthesis	Chem. Commun (2012) Vol. 49, pp. 591-593	N	N/A	N/A	Hantzsch pyrrole synthesis
406.	Estrada, M; Costa, V V; Beloshapkin, S; Fuentes, S; Stoyanov, E; Gusevskaya, E V; Simakov, A	2014	Aerobic oxidation of benzyl alcohol in methanol solutions over Au nanoparticles: Mg(OH) ₂ vs MgO as the support	Applied Catalysis, A: General 473 (2014): 96-103.	N	N/A	N/A	Aerobic oxidation of benzyl alcohol
407.	Eswaramoorthi, I; Sundaramurthy, V; Dalai, A K	2006	Partial oxidation of methanol for hydrogen production over carbon nanotubes supported Cu-Zn catalysts	Applied Catalysis A: General 313.1 (2006): 22-34	N	N/A	N/A	Partial oxidation of methanol over carbon nanotubes

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408.	Evin, H.N., Jacobs, G., Ruiz-Martinez, J., Graham, U.M., Dozier, A., Thomas, G., Davis, B.H.	2008	Low temperature water-gas shift/methanol steam reforming: alkali doping to facilitate the scission of formate and methoxy C-H bonds over Pt/ceria catalyst	Catalysis Letters 122.1/2 (2008): 9-19	N	N/A	N/A	Low temperature water-gas shift/methanol steam reforming
409.	Ezeja, M I; Anaga, A O; Asuzu, I U	2014	Acute and sub-chronic toxicity profile of methanol leaf extract of <i>Gouania longipetala</i> in rats	Journal of Ethnopharmacology 151.3 (Feb 12, 2014): 1155-64.	N	N/A	N/A	Toxicity of plant extract to rats
410.	Ezeja, M.I., Anaga, A.O., Asuza, I.U.	2015	Antidiabetic, antilipidemic, and antioxidant activities of <i>Gouania longipetala</i> methanol leaf extract in alloxan-induced diabetic rats	Pharm Biol (2015) Vol. 53(4), pp. 605-14	N	N/A	N/A	Antidiabetic, antilipidemic, and antioxidant activities of plant extracts
411.	Ezhil Vilian, A.T., Rajkumar, M., Chen, S.M., Hu, C.C., Boopathi, K.M., Chu, C.W.	2014	High electrocatalytic performance of platinum and manganese dioxide nanoparticle decorated reduced graphene oxide sheets for methanol electro-oxidation	RSC Adv (2014) Vol. 4, pp. 41387-41397	N	N/A	N/A	Reduced graphene oxide sheets for methanol electro-oxidation
412.	Ezhilarasan, D., Karthikeyan, S., Vivekanandan, P.	2012	Ameliorative effect of silibinin against N-nitrosodimethylamine-induced hepatic fibrosis in rats	Environ Toxicol Pharmacol (2012) Vol. 34(3), pp. 1004-13	N	N/A	N/A	Ameliorative effect of silibinin against NDMA

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413.	Ezhov, V.A., Doronina, N.V., Trotsenk, Yu.A.	2013	Biosynthesis of polyhydroxybutyrate/valerate with different molecular weights during the growth of <i>Methylobacterium extorquens</i> G-10 on a methanol-pentanol mixture	Applied Biochemistry and Microbiology (2013) Vol. 49(2), pp. 150-153	N	N/A	N/A	Biosynthesis of polyhydroxybutyrate/valerate
414.	Ezugwu, A.C., Nwodo, O.F.C., Njoku, O.U., Joshua, P.E.	2010	Evaluation of anti-inflammatory and membrane-stabilizing property of methanol extract of <i>Rothmannia longiflora</i> fruit	Asian Journal of Research in Chemistry (AJRC) 3.3 (2010): 791-794	N	N/A	N/A	Anti-inflammatory and membrane-stabilizing property of plant extracts
415.	Fabre, B., Filipiak, K., Díaz, N., Zapico, J.M., Suárez, D., Ramos, A., de-Pascual-Teresa, B.	2014	An integrated computational and experimental approach to gaining selectivity for MMP-2 within the gelatinase subfamily	ChemBioChem (2014) Vol. 15(3), pp. 399-412	N	N/A	N/A	No relevant endpoints investigated
416.	Fan, C., Xia, B., Wang, X., Wang, L.	2012	Construction of high efficient bacteria flora for degrading UDMH wastewater	Huaxue Tuijinji Yu Gaofenzi Cailiao (2012) Vol. 10(1), pp. 82-85	N	N/A	N/A	Bacterial degradation of UDMH wastewater
417.	Fan, J; Li, L ; Tian, Z; Xie, C; Song, F; Zhang, X; Zhu, J	2014	A novel free-standing flexible molecularly imprinted membrane for selective separation of synephrine in methanol-water media	Journal of Membrane Science 467 (Oct 1, 2014): 13-22.	N	N/A	N/A	Membrane for selective separation of synephrine in methanol-water media
418.	Fan, J; Tian, Z; Tong, S; Zhang, X; Xie, Y; Xu, R; Qin, Y; Li, L; Zhu, J; Ouyang, X	2013	A novel molecularly imprinted polymer of the specific ionic liquid monomer for selective separation of synephrine from methanol-water media	Food chemistry 141.4 (Dec 15, 2013): 3578-85.	N	N/A	N/A	Selective separation of synephrine from methanol-water media

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419.	Fan, Y., Liu, P-F., Yang, Z-J., Jiang, T-W., Yao, K-L., Han, R., Huo, X-X., Xiong, Y-Y.	2015	Bi-functional porous carbon spheres derived from pectin as electrode material for supercapacitors and support material for Pt nanowires towards electrocatalytic methanol and ethanol oxidation	Electrochimica Acta (2015) Vol. 163, pp. 140-148	N	N/A	N/A	Preparation of porous carbon spheres
420.	Fang, Y., Miao, R.Y., Wang, T.T., Wang, X.D.	2009	Suppression of methanol cross-over in novel composite membranes for direct methanol fuel cells	Pure and Applied Chemistry 81.12 (2009): 2309-2316	N	N/A	N/A	Suppression of methanol cross-over in composite membranes for direct methanol fuel cells
421.	Fang, Y; Yang, X; Wang, L; Liu, Y	2014	Microspheres assembled by KMn8O16 nanorods and their catalytic oxygen reduction activity in direct methanol fuel cells	Journal of Power Sources 267 (2014): 33-38.	N	N/A	N/A	Microsphere and their catalytic oxygen reduction activity in direct methanol fuel cells
422.	Farré, M.J., Radjenovic, J., Gernjak, W.	2012	Assessment of degradation byproducts and NDMA formation potential during UV and UV/H2O2 treatment of doxylamine in the presence of monochloramine	Environ Sci Technol (2012) Vol. 46(23), pp. 12904-12	N	N/A	N/A	NDMA formation during treatment of doxylamine
423.	Fashe, M M; Juvonen, R O; Petsalo, A; Rahnasto-Rilla, M; Auriola, S; Soininen, P; Vepsäläinen, J; Pasanen, M	2014	Identification of a new reactive metabolite of pyrrolizidine alkaloid retrorsine: (3H-pyrrolizin-7-yl)methanol.	Chemical research in toxicology 27.11 (November 17, 2014): 1950-1957	N	N/A	N/A	Identification of a new reactive metabolite of pyrrolizidine alkaloid retrorsine

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424.	Fassbender, C., Braunbeck, T., Keiter, S.H.	2012	Gene-TEQ-a standardized comparative assessment of effects in the comet assay using genotoxicity equivalents	J Environ Monit (2012) Vol. 14(5), pp. 1325-34	N	N/A	N/A	Methodology for the standardised comparative assessment of genotoxic effects; no relevant endpoints investigated
425.	Fauzee, A F B; Walker, R B	2013	Forced degradation studies of clobetasol 17-propionate in methanol, propylene glycol, as bulk drug and cream formulations by RP-HPLC	Journal of separation science 36.5 (Mar 2013): 849-56.	N	N/A	N/A	Forced degradation studies of clobetasol 17-propionate
426.	Feith, D.J., Pegg, A.E., Fong, L.Y.	2013	Targeted expression of ornithine decarboxylase antizyme prevents upper aerodigestive tract carcinogenesis in p53-deficient mice	Carcinogenesis (2013) Vol. 34(3), pp. 570-6	N	N/A	N/A	Prevention of carcinogenesis by antizyme
427.	Felice, V; Ntais, S; Tavares, A C	2013	Propyl sulfonic acid functionalization of faujasite-type zeolites: Effect on water and methanol sorption and on proton conductivity	Microporous and Mesoporous Materials 169 (2013): 128-136.	N	N/A	N/A	Propyl sulfonic acid functionalization of faujasite-type zeolites
428.	Felizardo, P., Baptista, P., Menezes, J.C., Correia, M.J.N.	2007	Multivariate near infrared spectroscopy models for predicting methanol and water content in biodiesel	Analytica Chimica Acta (2007) Vol. 595(1-2),.pp. 107-113	N	N/A	N/A	Models for predicting methanol and water content in biodiesel

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429.	Feng, D., Liu, L., Zhao, L., Zhou, Q., Tan, T.	2012	Evaluation of simulant migration of volatile nitrosamines from latex gloves and balloons by HS-SPME-GC-MS	J Chromatogr Sci (2012) Vol. 50(8), pp. 733-8	N	N/A	N/A	Evaluation of nitrosamine migration from latex products
430.	Feng, L; Cai, W; Li, C; Zhang, J; Liu, C; Xing, W	2012	Fabrication and performance evaluation for a novel small planar passive direct methanol fuel cell stack	Fuel (Apr 2012): 401-408.	N	N/A	N/A	Fabrication and performance evaluation for a direct methanol fuel cell stack
431.	Feng, Q., Li, X., Peng, J., Duan, X., Fu, Q., Hu, Y.	2012	Effect of gypenosides on DMN-induced liver fibrosis in rats	Zhongguo Zhong Yao Za Zhi (2012) Vol. 37(4), pp. 505-8	N	N/A	N/A	Effect of gypenosides on DMN-induced liver fibrosis in rats
432.	Feng, W., Bao, L., Zeng, E.Y.	2014	The effect of methanol on desorption of polychlorinated biphenyl in low density polyethylene	Environmental Chemistry - Huanjing Huaxue 33.1 (Jan 2014): 108-114.	N	N/A	N/A	Effect of methanol on desorption of PCB in LDPE
433.	Feng, Y., Xia, Y.M., Jiang, Y.Q., Wu, Z.R., Wei, J.	2013	Effects of rootstock and plant growth regulator on calyx persistence of Housui pear fruit	Acta Agriculturae Jiangxi (2013) Vol. 25(5), pp. 45-46, 50	N	N/A	N/A	Efficacy study
434.	Fermoso, F.G., Collins, G., Bartacek, J., Lens, P.N.L.	2008	Zinc deprivation of methanol fed anaerobic granular sludge bioreactors	J Ind Microbiol Biotechnol (2008) Vol. 35(6), pp. 543-557	N	N/A	N/A	Zinc deprivation of anaerobic granular sludge bioreactors
435.	Fermoso, F.G., Collins, G., Bartacek, J., O'Flaherty, V., Lens, P.	2008	Acidification of methanol-fed anaerobic granular sludge bioreactors by cobalt deprivation: Induction and microbial community dynamics	Biotechnology and bioengineering 99.1 (Jan 1, 2008): 49-58	N	N/A	N/A	Acidification of methanol-fed anaerobic granular sludge bioreactors

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436.	Fichtl, M B; Schlereth, D; Jacobsen, N; Kasatkin, I; Schumann, J; Behrens, M; Schlögl, R; Hinrichsen, O	2015	Kinetics of deactivation on Cu/ZnO/Al ₂ O ₃ methanol synthesis catalysts	Applied Catalysis, A: General 502 (2015): 262-270.	N	N/A	N/A	Kinetics of deactivation on methanol synthesis catalysts
437.	Figueiredo, R.O., Delachiave, M.E.A., Ming, L.C.	2006	Growth regulators in biomass production and essential oil in <i>Cymbopogon citratus</i> (DC) Stapf, in different seasons	Revista Brasileira de Plantas Mediciniais (2006) Vol. 8(3), pp. 31-35	N	N/A	N/A	Effect of PGRs on lemongrass
438.	Fillâtre, Y., Rondeau, D., Jadas-Hécart, A., Communal, P.Y.	2010	Advantages of the scheduled selected reaction monitoring algorithm in liquid chromatography/ electrospray ionization tandem mass spectrometry multi-residue analysis of 242 pesticides: a comparative approach with classical selected reaction monitoring mode	Rapid Commun Mass Spectrom (2010) Vol. 24(16), pp. 2453-61	N	N/A	N/A	Analytical method for detection of residues in foodstuffs
439.	Filor, C.S., Lattuada, D.S.	2011	Use of daminozide in reducing the size of potted plants of <i>Siphocampylus betulifolius</i>	Pesquisa Agropecuaria Gaucha (2011) Vol. 17(2), pp. 145-15	N	N/A	N/A	Efficacy study

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440.	Finke, N., Hoehler, T.M., Jørgensen, B.B.	2007	Hydrogen 'leakage' during methanogenesis from methanol and methylamine: implications for anaerobic carbon degradation pathways in aquatic sediments	Environmental microbiology 9.4 (Apr 2007): 1060-71	N	N/A	N/A	Hydrogen 'leakage' during methanogenesis
441.	Firdaus, M., Astawan, M., Muchtadi, D., Wresdiyati, T., Waspadji, S., Karyono, S.S.T.H.P.	2012	Acute oral toxicity of methanol extract from brown algae <i>Sargassum echinocarpum</i>	Jurnal pengolahan hasil perikanan Indonesia 15.2 (2012): 148-155.	N	N/A	N/A	Acute oral toxicity of algal extracts
442.	Fladung, M., Hoenicka, H.	2004	Transgenic early-flowering sterile aspen to avoid a vertical gene transfer in forest ecosystems	Gesunde Pflanzen (2004) Vol. 56(7-8), pp. 195-200	N	N/A	N/A	Plant breeding research
443.	Floor, G.H., Iglesias, M., Roman-Ross, G.	2009	Selenium determination in volcanic soils by ICP-QMS: influence of reaction cell pressurization and methanol addition on the occurrence of spectral interferences	Journal of Analytical Atomic Spectrometry 24.7 (2009): 944-948	N	N/A	N/A	Selenium determination in volcanic soils
444.	Flowers, R.C., Singer, P.C.	2013	Anion exchange resins as a source of nitrosamines and nitrosamine precursors	Environmental Science & Technology (2013) Vol. 47(13), pp. 7365-7372	N	N/A	N/A	Anion exchange resins as a source of nitrosamines

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445.	Foks, H., Pancehowska-Ksepo, D., Gobis, K.	2014	Synthesis and characterization of novel N-alkylamine- and N-cycloalkylamine-derived 2-benzoyl-N-aminohydrazinecarbothioamides, 1,3,4-thiadiazoles and 1,2,4-triazole-5(4H)thiones	Journal of Heterocyclic Chemistry (2014) Vol. 51(2), pp. 507-512	N	N/A	N/A	No relevant endpoints investigated
446.	Folkers, A., Huve, K., Ammann, C., Dindorf, T., Kesselmeier, J., Kleist, E., Kuhn, U., Uerlings, R., Wildt, J.	2008	Methanol emissions from deciduous tree species: dependence on temperature and light intensity	Plant Biol (2008) Vol. 10(1), pp. 65-75	N	N/A	N/A	Methanol emissions from deciduous tree species
447.	Föttinger, K	2013	The effect of CO on intermetallic PdZn/ZnO and Pd ₂ Ga/Ga ₂ O ₃ methanol steam reforming catalysts: A comparative study	Catalysis today (Jun 1, 2013): 106-112.	N	N/A	N/A	The effect of CO on reforming catalysts
448.	Foutse, Y; Mouokeu, R S; Nguimatsia, F; Njateng, G S S; Tamokou, J D D; Kuiate, J R	2014	Antibacterial activity of methanol extracts and fractions from <i>Kalanchoe crenata</i> , <i>Terminalia avicennioides</i> and <i>Sarcocephalus latifolius</i>	Pharmacologia 5.6 (2014): 199-204.	N	N/A	N/A	Antibacterial activity of plant extracts
449.	Fracchia, F., Filippi, C., Amovilli, C.	2014	Multi-level quantum Monte Carlo wave functions for complex reactions: the decomposition of α -hydroxy-dimethylnitrosamine	Journal of Computational Chemistry (2014) Vol. 35(1), pp. 30-8	N	N/A	N/A	Multi-level quantum Monte Carlo wave functions for complex reactions

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450.	Freire, J., Ajona, D., de Biurrun, G., Agorreta, J., Segura, V., Guruceaga, E., Bleau, A.M., Pio, R., Blanco, D., Montuenga, L.M.	2013	Silica-induced chronic inflammation promotes lung carcinogenesis in the context of an immunosuppressive microenvironment	Neoplasia (2013) Vol. 15(8), pp. 913-24	N	N/A	N/A	Silica-induced chronic inflammation promotes lung carcinogenesis
451.	Freitas, R.G., Antunes, E.P., Pereira, E.C.	2009	CO and methanol electrooxidation on Pt/Ir/Pt multilayers electrodes	Electrochimica Acta (2009) Vol. 54(7), pp. 1999-2003	N	N/A	N/A	CO and methanol electrooxidation
452.	Fricke, W.F., Seedorf, H., Henne, A., Krüer, M., Liesegang, H., Hedderich, R., Gottschalk, G., Thauer, R.K.	2006	The genome sequence of <i>Methanosphaera stadtmanae</i> reveals why this human intestinal archaeon is restricted to methanol and H ₂ for methane formation and ATP synthesis	Journal of bacteriology 188.2 (Jan 2006): 642-58	N	N/A	N/A	Genome sequence of human intestinal bacteria
453.	Fu, S.C., Tzing, S.H., Chen, H.C., Wang, Y.C., Ding, W.H.	2012	Dispersive micro-solid phase extraction ethanololed with gas chromatography-chemical ionization mass spectrometry for the determination of N-nitrosamines in swimming pool water samples	Anal Bioanal Chem (2012) Vol. 402(6), pp. 2209-16	N	N/A	N/A	Analytical method for extraction of NDMA from water
454.	Fu, X.Z., Liang, Y., Chen, S.P., Lin, J.D., Liao, D.W.	2009	Pt-rich shell coated Ni nanoparticles as catalysts for methanol electro-oxidation in alkaline media	Catalysis Communications (2009) Vol. 10(14), pp. 1893-1897	N	N/A	N/A	Catalysts for methanol electro-oxidation
455.	Fujihara, M., Kikuchi, M., Kurimoto, Y.	2006	Methanol-induced retinal toxicity patient examined by optical coherence tomography	Japanese journal of ophthalmology 50.3 (May 2006 - Jun 2006): 239-41	N	N/A	N/A	Methodology for retinal examination

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
456.	Fujikoa, T., Khan, S.J., McDonald, J.A., Roux, A., Poussade, Y., Drewes, J.E., Nghiem, L.D.	2014	N-nitrosamine rejection by reverse osmosis: Effects of membrane exposure to chemical cleaning reagents	Desalination (2014) Vol. 343, pp. 60-66	N	N/A	N/A	Effects of chemical cleaning on removing nitrosamines from low pressure reverse osmosis membranes
457.	Fujioka, T., Khan, S.J., McDonald, J.A., Henderson, R.K., Poussade, Y., Drewes, J.E., Nghiem L.D.	2013	Effects of membrane fouling on N-nitrosamine rejection by nanofiltration and reverse osmosis membranes	Journal of Membrane Science (2013) Vol. 427, pp. 311-319	N	N/A	N/A	Rejection of nitrosamines by nanofiltration and reverse osmosis membranes
458.	Fujioka, T., Khan, S.J., McDonald, J.A., Nghiem, L.D.	2014	Ozonation of N-nitrosamines in the reverse osmosis concentrate from water recycling applications	Science and Engineering (2014) Vol. 36(2), pp. 174-180	N	N/A	N/A	Evaluation of ozone treatment for nitrosamine removal in water recycling applications
459.	Fujioka, T., Khan, S.J., McDonald, J.A., Roux, A., Poussade, Y., Drewes, J.E., Nghiem L.D.	2013	N-nitrosamine rejection by reverse osmosis membranes: a full-scale study	Water Res (2013) Vol. 47(16), pp. 6141-8	N	N/A	N/A	Nitrosamine rejection by reverse osmosis membranes
460.	Fujioka, T., Khan, S.J., McDonald, J.A., Roux, A., Poussade, Y., Drewes, J.E., Nghiem, L.D.	2014	Modelling the rejection of N-nitrosamines by a spiral-wound reverse osmosis system: Mathematical model development and validation	Journal of Membrane Science (2014) Vol. 454, pp. 212-219	N	N/A	N/A	Rejection of nitrosamines by a spiral-wound reverse osmosis system

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461.	Fujioka, T., Khan, S.J., Poussade, Y., Drewes, J.E., Nghiem, L.D.	2012	N-nitrosamine removal by reverse osmosis for indirect potable water reuse – A critical review based on observations from laboratory-, pilot- and full-scale studies	Separation and Purification Technology (2012) Vol. 98, pp. 503-515	N	N/A	N/A	Removal of nitrosamines from potable water
462.	Fujioka, T., Nghiem, L.D., Khan, S.J., McDonald, J.A., Drewes, J.E., Roux, A., Poussade, Y.	2013	N-nitrosamine rejection by nanofiltration and reverse osmosis membranes: The importance of membrane characteristics	Desalination (2013) Vol. 316, pp. 67-75	N	N/A	N/A	Nitrosamine rejection by nanofiltration and reverse osmosis membranes
463.	Fujioka, T., Nghiem, L.D., Khan, S.J., McDonald, J.A., Poussade, Y., Drewes, J.E.	2012	Effects of feed solution characteristics on rejection of N-nitrosamines by reverse osmosis membranes	Journal of Membrane Science (2012) Vol. 409-401, pp. 66-74	N	N/A	N/A	Rejection of nitrosamines by reverse osmosis membranes
464.	Fujioka, T., Tu, K.L., Khan, S.J., McDonald, J.A., Roux, A., Poussade, Y., Drewes, J.E., Nghiem, L.D.	2014	Rejection of small solutes by reverse osmosis membranes for water reuse applications: A pilot-scale study	Desalination (2014) Vol. 350, pp. 28-34	N	N/A	N/A	Rejection of nitrosamines and boron in water recycling applications
465.	Fukahori, S., Kitaoka, T., Tomoda, A., Suzuki, R., Wariishi, H.	2006	Methanol steam reforming over paper-like composites of Cu/ZnO catalyst and ceramic fiber	Applied Catalysis A: General (2006) Vol. 300(2), pp. 155-161	N	N/A	N/A	Methanol steam reforming over composites of Cu/ZnO catalyst and ceramic fiber
466.	Gaffney, S., Moody, E., McKinley, M., Knutsen, J., Madl, A., Paustenbach, D.	2008	Worker exposure to methanol vapors during cleaning of semiconductor wafers in a manufacturing setting	J Occup Environ Hyg (2008) Vol. 5(5), pp. 313-24	N	N/A	N/A	Worker exposure to methanol during cleaning of semiconductor wafers

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467.	Galadima, A; Muraza, O	2015	Recent developments on silicoaluminates and silicoaluminophosphates in the methanol-to-propylene reaction: A Mini Review	Industrial and Engineering Chemistry Research 54.18 (2015): 4891-4905.	N	N/A	N/A	Developments on silicoaluminates and silicoaluminophosphates in the methanol-to-propylene reaction
468.	Galenda, A., Natile, M.M., Nodari, L., Glisenti, A.	2010	La _{0.8} Sr _{0.2} Ga _{0.8} Fe _{0.2} O _{3-δ} : Influence of the preparation procedure on reactivity toward methanol and ethanol	Applied Catalysis B: Environmental (2010) Vol. 97(3-4), pp. 307-322	N	N/A	N/A	Preparation of lanthanum gallate
469.	Galves-Ruiz, A., Elkhamary, S.M., Ashgar, N., Bosley, T.M.	2015	Visual and neurologic sequelae of methanol poisoning in Saudi Arabia	Saudi Med J (2015) Vol. 36(5), pp. 568-74	N	N/A	N/A	Visual and neurological effects of methanol poisoning; no relevant endpoints investigated
470.	Gan, X., Karanfil, T., Kaplan Bekaroglu, S.S., Shan, J.	2013	The control of N-DBP and C-DBP precursors with MIEX®	Water Res (2013) Vol. 47(3), pp. 1344-52	N	N/A	N/A	Removal of N-DBP precursors in water
471.	Gan, X., Kim, D., Karanfil, T.	2013	MIEX® treatment of an effluent-impacted stream	American Water Works Association Journal (2013) Vol. 105(4), pp. 53-54	N	N/A	N/A	Treatment of wastewater plant effluent
472.	Ganegamage, S K., Abeytunga, T.U., Ratnasooriya, W.D.	2014	Antidiuretic activity of the methanol extract of <i>Aporosa lindleyana</i> wight (Euphorbiaceae) baillon in rats	Tropical Journal of Pharmaceutical Research 13.7 (Jul 2014): 1099-1105.	N	N/A	N/A	Antidiuretic activity of plant extracts

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
473.	Ganesh, I	2014	Conversion of carbon dioxide into methanol - a potential liquid fuel: Fundamental challenges and opportunities (a review)	Renewable & Sustainable Energy Reviews 31 (Mar 1, 2014): 221-257.	N	N/A	N/A	Methanol as a liquid fuel
474.	Ganesh, S., Kanna, M., Jawaharlal, M., Jeyakumar, P.	2014	Growth, physiology and flowering of chrysanthemum var. Punch as affected by daminozide and maleic hydrazide	African Journal of Biotechnology (2014) Vol. 13(32), pp. 3230-3238	N	N/A	N/A	Efficacy study
475.	Gao, D., Wu, H., Liu, J., Yao, J., Li, W., Wang, J.	2012	The therapeutic actions of salvianolic acids-phospholipids complex self-emulsifying drug delivery system on hepatic fibrosis in rats	Zhongyao Yaoli Yu Linchuang (2012) Vol. 28(5), pp. 50-52	N	N/A	N/A	Therapeutic actions of salvianolic acids-phospholipids complex self-emulsifying drug delivery system
476.	Gao, Z; Raza, R; Zhu, B; Mao, Z	2011	Development of methanol-fueled low-temperature solid oxide fuel cells	International Journal of Energy Research 35.8 (Jun 25, 2011): 690-696.	N	N/A	N/A	Development of methanol-fuelled fuel cells
477.	Garba, M; Kabiru, A Y; Yusuf, A M; Muhammad, A H; Lekene, B J; Kabir, M; Joseph, A	2015	In vivo trypanocidal activity of <i>Nymphaea lotus</i> Linn. methanol extract against <i>Trypanosoma brucei brucei</i>	Asian Pacific Journal of Tropical Disease 5.10 (Oct 2015): 808-812.	N	N/A	N/A	Development of trypanocidal drugs
478.	Garcia-Rodríguez, A., Fontàs, C., Matamoros, V.	2014	Formation potential of N-nitrosamines during the disinfection of treated wastewaters with sodium hypochlorite	Desalination and Water Treatment (2014) Vol. 52(16-18), pp. 3019-3026	N	N/A	N/A	Nitrosamine formation during treatment of disinfected water

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479.	Gautam, S.K., Sen, N.L., Jain, M.C., Dashora, L.K.	2006	Effect of plant regulators on growth, flowering and yield of chrysanthemum (<i>Chrysanthemum morifolium</i> Ram.) c.v. Nilima	Orissa Journal of Horticulture (2006) Vol. 34(1), pp. 36-40	N	N/A	N/A	Efficacy study
480.	Gazdzicki, P., Jakob, P.	2013	Methanol reactions on bimetallic Ru(0001)-based surfaces under UHV conditions	Physical Chemistry Chemical Physics (2013) Vol. 15(6), pp. 1460-1470.	N	N/A	N/A	Methanol reactions on bimetallic Ru(0001)-based surfaces
481.	Gazdzicki, P., Uvdal, P., Jakob, P.	2009	Adsorption of intact methanol on Ru(0001)	The Journal of Chemical Physics (2009) Vol. 130(22), pp. 224703	N	N/A	N/A	Adsorption of methanol on Ru(0001)
482.	Gazsi, A., Bánsági, T., Solymosi, F.	2009	Hydrogen formation in the reactions of methanol on supported Au Catalysts	Catalysis letters 131.1-2 (August 2009): 33-41	N	N/A	N/A	Hydrogen formation in the reactions of methanol
483.	Geng, S., Ren, Y., Wong, N.B., Li, W.K.	2012	Generalized anomeric effect on N-alkyl-amino cation affinities: A G2(+)M investigation	J Phys Chem A (2012) Vol. 116(15), pp. 3952-9	N	N/A	N/A	Generalised anomeric effect on N-alkyl-amino cation affinities
484.	Geng, S., Wu, D-L., Yang, J., Wei, X-G., Zhu, J., Zhang, H-B., Ren, Y., Lau, K-C.	2014	G2(+)M study on N-alkylamino cation affinities of neutral main-group element hydrides: Trends across the periodic table	Journal of Physical Chemistry A (2014) Vol. 118(18), pp. 3351-3359	N	N/A	N/A	N-alkylamino cation affinities of neutral main-group element hydrides
485.	Georgieva, J; Valova, E; Mintsouli, I; Sotiropoulos, S; Armyanov, S; Kakaroglou, A; Hubin, A; Steenhaut, O; Dille, J	2014	Carbon-supported Pt(Cu) electrocatalysts for methanol oxidation prepared by Cu electroless deposition and its galvanic replacement by Pt	Journal of Applied Electrochemistry 44.2 (2014): 215-224.	N	N/A	N/A	Electrocatalysts for methanol oxidation

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486.	Georgieva, M; Moyankova, D; Djilianov, D; Uzunova, K; Miloshev, G	2015	Methanol extracts from the resurrection plant <i>Haberlea rhodopensis</i> ameliorate cellular vitality in chronologically ageing <i>Saccharomyces cerevisiae</i> cells	Biogerontology 16.4 (Mar 11, 2015): 461-472.	N	N/A	N/A	Use of plant extracts to ameliorate bacterial cells
487.	Gerogiannaki-Christopoulou-Maria	2008	Evaluation of methanol concentration in hellenic traditional alcoholic beverages after grape pomace fermentation at different conditions	Journal of Food Technology 6.5 (2008): 196-202	N	N/A	N/A	Analytical detection of methanol in foodstuffs
488.	Gerrity, D., Pisarenko, A.N., Marti, E., Trenholm, R.A., Gerringer, F., Reungoat, J., Dickenson, E.	2014	Nitrosamines in pilot-scale and full-scale wastewater treatment plants with ozonation	Water Res (2014) doi: 10.1016/j.watres.2014.06.025	N	N/A	N/A	Levels of nitrosamines in WWTP
489.	Gersak, D., Vresk, I., Poljak, M., Siftar, A.	2008	The influence of chemical growth retardant on the growth and development of pansy <i>Viola .times. wittrockiana</i>	Agronomski Glasnik (2008) Vol. 70(5), pp. 489-510	N	N/A	N/A	Efficacy study
490.	Ghadiya, N R; Faldu, N J; Nadpara, P A; Dadhania, K P S R D G B	2013	Evaluation of the anxiolytic effect of the methanol stem extracts of <i>Cissus quadrangularis</i>	Journal of Coastal Life Medicine 1.4 (Dec 2013): 287-292.	N	N/A	N/A	Anxiolytic effects of plant extracts

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491.	Ghaffari, H; Venkataramana, M; Nayaka, S C; Ghassam, B J; Angaswamy, N; Shekar, S; Sampath Kumara, K K; Prakash, H S	2013	Hepatoprotective action of <i>Orthosiphon diffusus</i> (Benth.) methanol active fraction through antioxidant mechanisms: An in vivo and in vitro evaluation	Journal of Ethnopharmacology 149.3 (Oct 7, 2013): 737-744.	N	N/A	N/A	Hepatoprotective action of plant extracts
492.	Ghallab, K.H., El-Yazal, M.A.	2006	Vegetative growth, chemical composition, yield and quality traits of canola plants grown in salt affected soil under the effect of growth regulator treatments	Annals of Agricultural Science, Moshtohor (2006) Vol. 44(2), pp. 515-533	N	N/A	N/A	Efficacy study
493.	Ghode, S P; Rajkapoor, B	2013	Acute and subacute toxicity studies of the methanol extract from leaves of <i>Pisonia aculeata</i> Linn	International Journal of Pharmaceutical Sciences Review and Research 20.1 (May 2013 - Jun 2013): 171-175.	N	N/A	N/A	Toxicity of plant extracts
494.	Gholamhoseinian, A., Fallah, H., Sharifi far, F.	2009	Inhibitory effect of methanol extract of <i>Rosa damascena</i> Mill. flowers on α -glucosidase activity and postprandial hyperglycemia in normal and diabetic rats	Phytomedicine 16.10 (Oct 2009): 935-941	N	N/A	N/A	Inhibitory effect of plant extracts on α -glucosidase activity and postprandial hyperglycemia in normal and diabetic rats
495.	Gholamhoseinian, A; Mohammadi, A; Noroozi, S; Sharifi-far, F	2011	Inhibitory effect of some methanol plant extracts on dihydrofolate reductase	Toxicology and environmental chemistry 93.2 (Feb 1, 2011): 261-269	N	N/A	N/A	Inhibitory effect of plant extracts on dihydrofolate reductase

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496.	Ghosh, S., Samanta, A., Mandal, N.B., Bannerjee, S., Chattopadhyay, D.	2012	Evaluation of the wound healing activity of methanol extract of <i>Pedilanthus tithymaloides</i> (L.) Poit leaf and its isolated active constituents in topical formulation	J Ethnopharmacol (2012) Vol. 142(3), pp. 714-22	N	N/A	N/A	Wound healing activity of plant extracts
497.	Gil, H.W., Hong, J.R., Song, H.Y., Hong, S.Y.	2012	A case of methanol intoxication caused by methomyl pesticide ingestion	Hum Exp Toxicol (2012) Vol. 31(12), pp. 1299-302	N	N/A	N/A	Methanol intoxication caused by pesticide ingestion; no relevant endpoints investigated
498.	Ginige, M.P., Bowyer, J.C., Foley, L., Keller, J., Yuan, Z.	2009	A comparative study of methanol as a supplementary carbon source for enhancing denitrification in primary and secondary anoxic zones	Biodegradation 20.2 (Apr 2009): 221-34	N	N/A	N/A	Methanol as a supplementary carbon source for enhancing denitrification
499.	Giuffrida, F., Cassaniti, C., Leonardi, C.	2009	Effects of cultivation practices on sunflower production as cut flower	Acta Horticulturae (2009) Vol. 807 (Proceedings of the International Symposium on Strategies towards Sustainability of Protected Cultivation in Mild Winter Climate, 2007, Volume 2), pp. 699-703	N	N/A	N/A	Efficacy study
500.	Giuffrida, F., Falla, F., Leonardi, C.	2008	Response of poinsettia to pinching	Colture Protette (2008) Vol. 37(2), pp. 81-87	N	N/A	N/A	Efficacy study
501.	Glozeris, S., Tamosiunas, A., Stuopyte, L.	2007	Effect of some growth regulators on chlorophyll fluorescence in <i>Viola x wittrockiana</i> 'Wesel ice'	Biologija (2007) Vol. 53(2), pp. 24-27	N	N/A	N/A	Effect of PGRs on chlorophyll fluorescence

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502.	Globisch, D., Lowery, C.A., McCague, K.C., Janda, K.D.	2012	Uncharacterized 4,5-dihydroxy-2,3-pentanedione (DPD) molecules revealed through NMR spectroscopy: Implications for a greater signaling diversity in bacterial species	Angewandte Chemie International Edition (2012) Vol. 51(17), pp. 4204-4208	N	N/A	N/A	Uncharacterised DPD molecules revealed through NMR spectroscopy
503.	Glover, S., Rosser, A.A., Spence, R.	2014	Studies of the structure, amidicity, and reactivity of N-chlorohydroxamic esters and N-chloro- β,β -dialkylhydrazides: Anomeric amides with low resonance energies	Australian Journal of Chemistry (2013) Vol. 67(9), pp. 1344-1352	N	N/A	N/A	Properties of anomeric amides
504.	Golinska, H; Decyk, P; Ziolek, M	2011	Vanadium and antimony supported NbSiO _x — Characterisation and catalytic properties in methanol oxidation	Catalysis today 169.1 (Jul 1, 2011): 242-248.	N	N/A	N/A	Characterisation and properties of catalysts in methanol oxidation
505.	Golinski, P.	2005	Efficiency of growth regulators applied in a plantation of white clover for seed production	Progress in Plant Protection (2005) Vol. 45(2), pp. 669-671	N	N/A	N/A	Efficacy study
506.	Gómez-Sainero, L.M., Baker, R.T., Metcalfe, I.S., Sahibzada, M., Concepción, P., López-Nieto, J.M.	2005	Investigation of Sm ₂ O ₃ -CeO ₂ -supported palladium catalysts for the reforming of methanol: the role of the support	Applied Catalysis A: General (2005) Vol. 294(2), pp. 177-187	N	N/A	N/A	Palladium catalysts for the reforming of methanol

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507.	Gómez-Sainero, L.M., Baker, R.T., Vizcaíno, A.J., Francis, S.M., Cailles, J.A., Metcalfe, I.S., Rodriguez, J.J.	2009	Steam reforming of methanol with Sm ₂ O ₃ -CeO ₂ -supported palladium catalysts: influence of the thermal treatments of catalyst and support	Industrial & Engineering Chemistry Research (2009) Vol. 48(18), pp. 8364-8372	N	N/A	N/A	Steam reforming of methanol with catalysts
508.	Gondal, M A; Ali, M A; Dastageer, M A; Chang, X	2013	CO ₂ conversion into methanol using granular silicon carbide (α 6H-SiC): A comparative evaluation of 355 nm laser and xenon mercury broad band radiation sources	Catalysis Letters 143.1 (2013): 108-117.	N	N/A	N/A	CO ₂ conversion into methanol using granular silicon carbide
509.	Gong, W; Wang, P; Xiong, X; Jiao, J; Yang, X; Wen, B	2015	Chloroform-methanol residue of Coxiella burnetii markedly potentiated the specific immunoprotection elicited by a recombinant protein fragment rOmpB-4 derived from outer membrane protein B of Rickettsia rickettsii in C3H/HeN mice	PloS one 10.4 (Apr 24, 2015): e0124664.	N	N/A	N/A	Immunoprotection from bacteria in mice
510.	González-Díaz, H., Cruz-Monteagudo, M., Viña, D., Santana, L., Uriate, E., De Clercq, E.	2005	QSAR for anti-RNA-virus activity, synthesis, and assay of anti-RSV carbonucleosides given a unified representation of spectral moments, quadratic, and topologic indices	Bioorganic & Medicinal Chemistry Letters (2005) Vol. 15(6), pp. 1651-1657	N	N/A	N/A	QSAR for anti-RNA activity

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511.	Gooden, P.N., Bourne, R.A., Parrott, A.J., Bevinakatti, H.S., Irvine, D.J., Poliakoff, M.	2010	Continuous acid-catalyzed methylations in supercritical carbon dioxide: Comparison of methanol, dimethyl ether and dimethyl carbonate as methylating agents	Org Process Res Dev (2010) Vol. 14, pp. 411-416	N	N/A	N/A	Continuous acid-catalysed methylations in supercritical CO ₂
512.	Gopi, K., Renu, K., Mohan, R., Kumar, D., Muthuvelan, B.	2011	The neutralization effect of methanol extract of <i>Andrographis paniculata</i> on Indian cobra <i>Naja naja</i> snake venom	Journal of Pharmacy Research 4.4 (2011): 1010-1012	N	N/A	N/A	Neutralisation effects of plant extracts on snake venom
513.	Gorri, D., De Angelis, M.G., Giacinti Baschetti, M., Sarti, G.C.	2008	Water and methanol permeation through short-side-chain perfluorosulphonic acid ionomeric membranes	Journal of Membrane Science 322.2 (Sep 15, 2008): 383-391	N	N/A	N/A	Permeation through perfluorosulphonic acid ionomeric membranes
514.	Gou, X., Wang, X.	2012	The combined processing technology research of the naturally purification and artificial wetland to dimethyl hydrazine waste water	Advanced Materials Research (2012) Vol. 518-523, No. Pt. 3, Advances in Environmental Science and Engineering, pp. 2881-2885	N	N/A	N/A	Combined processing technology research of natural purification and artificial wetland to UDMH waste water
515.	Goyal, S., Manivannan, B., Ansari, A.S., Jain, S.C., Lohiya, N.K.	2010	Safety evaluation of long term oral treatment of methanol sub-fraction of the seeds of <i>Carica papaya</i> as a male contraceptive in albino rats	J Ethnopharmacol (2010) Vol. 127(2), pp. 286-91	N	N/A	N/A	Use of plant extracts as a male contraceptive

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516.	Goyal, S., Manivannan, B., Ansari, A.S., Lohiya, N.K.	2009	Safety evaluation of long term treatment of methanol sub-fraction of seeds of <i>Carica papaya</i> as a male contraceptive with particular emphasis on carcinogenicity in Albino rats	International Journal of Pharmacology 5.2 (Mar 2009 - Apr 2009): 114-125	N	N/A	N/A	Safety evaluation of plant extracts as a male contraceptive
517.	Granda, F; Valencia, S; Marín, J M; Restrepo, G	2011	Optimization of solid phase microextraction method coupled to gas chromatography for analysis of methanol in water	Revista Colombiana de Quimica 40.2 (2011): 201-210	N	N/A	N/A	Analytical detection of methanol in water
518.	Greywe, D., Kreutz, J., Banduhn, N., Krauledat, M., Scheel, J., Schroeder, K.R., Wolf, T., Reisinger, K.	2012	Applicability and robustness of the hen's egg test for analysis of micronucleus induction (HET-MN): results from an inter-laboratory trial	Mutat Res (2012) Vol. 747(1), pp. 118-34	N	N/A	N/A	Development of an alternative test system to the in vivo micronucleus test
519.	Grinberg, V.A., Kulova, T.L., Skundin, A.M., Pasynskii, A.A.	2007	Nanostructured cathodic catalysts for direct methanol fuel cells	Russian Journal of Electrochemistry (2007) Vol. 43(1), pp.	N	N/A	N/A	Nanostructured cathodic catalysts for direct methanol fuel cells
520.	Gritti, F., Guiochon, G.	2005	Influence of the pressure on the properties of chromatographic columns: I. Measurement of the compressibility of methanol-water mixtures on a mesoporous silica adsorbent	Journal of Chromatography A 1070.1-2 (Apr 8, 2005): 1-12	N	N/A	N/A	Influence of pressure on the properties of chromatographic columns

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521.	Gritti, F., Guiochon, G.	2009	Band profiles of reacting acido-basic compounds with water-methanol eluents at different w^s pHs and ionic strengths in reversed-phase liquid chromatography	Journal of Chromatography A 1216.15 (Apr 10, 2009): 3175-3184	N	N/A	N/A	Analytical method development
522.	Gros, G., Martinez, L., Gimenez, A.S., Adler, P., Maurin, P., Wolkowicz, R., Falson, P., Hasserodt, J.	2013	Modular construction of quaternary hemiaminal-based inhibitor candidates and their in cellulose assessment with HIV-1 protease	Bioorg Med Chem (2013) Vol. 21(17), pp. 5407-13	N	N/A	N/A	Modular construction of quaternary hemiaminal-based inhibitor candidates
523.	Grunebaum, L.D., Bogdan, Allemann, I., Dayan, S., Mandy, S., Baumann, L.	2009	The risk of alar necrosis associated with dermal filler injection	Dermatol Surg (2009) Vol. 35 Suppl. 2, pp. 1635-40	N	N/A	N/A	Review of the risk of alar necrosis following dermal filler injection
524.	Grzebielec, A; Rusowicz, A; Rucinski, A	2015	Use of the methanol-activated carbon sorption set in a refrigeration unit	Przemysl Chemiczny 94.6 (2015): 952-955.	N	N/A	N/A	Methanol-activated carbon sorption set in a refrigeration unit
525.	Gu, D., Deng, Z., Qi, M., Cao, X., Zhu, J., Jiang, Y.	2009	In vitro culture and in vitro germplasm preservation system of <i>Rhododendron redowskianum</i> Maxim	Nanjing Linze Daxue Xuebao, Ziran Kexueban (2009) Vol. 33(3), pp. 20-24	N	N/A	N/A	Germplasm preservation system of <i>Rhododendron redowskianum</i>
526.	Gu, X., Manautou, J.E.	2012	Molecular mechanisms underlying chemical liver injury	Expert Rev Mol Med (2012) Vol. 14:e4	N	N/A	N/A	Molecular mechanisms underlying chemical liver injury

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
527.	Guda, C. dalla, Farina, E., Henry, S., Battista, F. di, Paternian, T.	2009	"Canterbury bells" in pots. Why not?	Colture Protette (2009) Vol. 38(7), pp. 74-76	N	N/A	N/A	Efficacy study
528.	Guessennd, N., Bremont, S., Gbonon, V., Kacou-N'Douba, A., Ekaza, E., Lambert, T., Dosso, M., Courvalin, P.	2008	Resistance to qnr quinolones in enterobacteria producing broad-spectrum beta-lactamases in Abidjan in the Ivory Coast	Pathologie Biologie (2008) Vol. 56(7-8), pp. 439-446	N	N/A	N/A	Resistance to qnr quinolones
529.	Gulmen, M.K., Meral, D., Hilal, A., Akcan, R., Cekin, N.	2006	Methanol intoxications in Adana, Turkey	Toxicol Mech Methods (2006) Vol. 16(7), pp. 353-7	N	N/A	N/A	Methanol fatalities and poisoning characteristics in Turkey; no relevant endpoints investigated
530.	Guo, C., Chen, Z., Sun, L., Lu, Z., Yang, Q.	2012	Research of extraction and property of melanin from fermented soy sauce	Shipin Gongye Keji (2012) 33(10), 157-161	N	N/A	N/A	Extraction and properties of melanin
531.	Guo, D., Ma, Y., Zhou, Y., Min, D., Chen, Y.	2006	Inducement in vitro of rhizome of <i>Stachys floridana</i> Schuttl. ex Benth	Yuanyi Xuebao (2006) Vol. 33(4), pp. 873-875	N	N/A	N/A	In vitro inducement of rhizomes
532.	Guo, H ; Zhang, J ; Gao, W ; Qu, Z ; Liu, C	2014	Gastrointestinal effect of methanol extract of <i>Radix Aucklandiae</i> and selected active substances on the transit activity of rat isolated intestinal strips	Pharmaceutical Biology 52.9 (Sep 2014): 1141-1149.	N	N/A	N/A	Gastrointestinal effects of plant extracts on rats
533.	Guo, L., Zeng, X.Y., Wang, D.Y., Li, G.Q.	2010	Methanol metabolism in the Asian corn borer, <i>Ostrinia furnacalis</i> (Guenee) (Lepidoptera: Pyralidae)	Journal of Insect Physiology (2010) Vol. 56(3), pp. 260-265	N	N/A	N/A	Methanol metabolism in the Asian corn borer

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534.	Guo, M C; Li, B T; Tang, L M; Li, X H; Liang, T J	2015	Bioactivity of methanol extracts from <i>Justicia procumbens</i> against <i>Plutella xylostella</i>	Shengtai Xuebao 35.11 (Jan 1, 2015): 3854-3861.	N	N/A	N/A	Bioactivity of plant extracts
535.	Guo, Q; Xu, C; Ren, Z; Yang, W; Ma, Z; Dai, D; Fan, H; Minton, T K; Yang, X	2012	Stepwise photocatalytic dissociation of methanol and water on TiO ₂ (110)	Journal of the American Chemical Society 134.32 (Aug 15, 2012): 13366-73.	N	N/A	N/A	Stepwise photocatalytic dissociation of methanol and water
536.	Guo, W., Hu, S., Zhang, J., Jin, L., Wang, X., Zhu, Z., Zhang, H.	2011	Soil monitoring of arsenic by methanol addition DRC ICP-MS after boiling aqua regia extraction	J Anal At Spectrom (2011) Vol. 26, pp. 2076-2080	N	N/A	N/A	Soil monitoring of arsenic
537.	Guo, X; Mao, D; Lu, G; Wang, S; Wu, G	2011	The influence of La doping on the catalytic behavior of Cu/ZrO ₂ for methanol synthesis from CO ₂ hydrogenation	Journal of Molecular Catalysis. A, Chemical 345.1-2 (20110705): 60-68.	N	N/A	N/A	Catalytic behaviour for methanol synthesis from CO ₂ hydrogenation
538.	Guo, Y., Sun, X., Liu, Y., Wang, W., Qiu, H., Gao, J.	2012	One pot preparation of reduced graphene oxide (RGO) or Au (Ag) nanoparticle-RGO hybrids using chitosan as a reducing and stabilizing agent and their use in methanol electrooxidation	Carbon (2012) Vol. 50(7), pp. 2515-2523	N	N/A	N/A	Preparation of reduced graphene oxide (RGO) or Au (Ag) nanoparticle-RGO hybrids
539.	Guo, Z., Zhang, Y., Zhao, J., Zhang, Y., Liang, X.	2008	Quick determination of unsymmetrical dimethylhydrazine in B9 by HPLC	Fenxi Shiyanshi (2008) Vol. 27(4), pp. 6-9	N	N/A	N/A	Determination of UDMH in daminozide

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540.	Gupta, M., Mazumder, U.K., Kumar, R.S., Gomathi, p., Rajeshwar, Y., Kakoti, B.B., Selven, T.	2005	Anti-inflammatory, analgesic and antipyretic effects of methanol extract from <i>Bauhinia racemosa</i> stem bark in animal models	J Ethnopharmacol (2005) Vol. 98(3), pp. 267-273	N	N/A	N/A	Anti-inflammatory, analgesic and antipyretic effects of plant extracts
541.	Gupta, N.M., Kumar, D., Kamble, V.S., Mitra, S., Mukhopadhyay, R., Kartha, V.B.	2006	Fourier transform infrared and quasielectron neutron scattering studies on the binding modes of methanol molecules in the confined spaces of HMCM-41 and HZSM-5: role of pore structure and surface acid sites	The journal of physical chemistry. B 110.10 (Mar 16, 2006): 4815-23	N	N/A	N/A	Binding modes of methanol molecules in the confined spaces of HMCM-41 and HZSM-5
542.	Gupta, R., Kachhawa, J.B.S., Gupta, R.S., Sharma, A.K., Sharma, M.C., Dobhal, M.P.	2011	Phytochemical evaluation and antispermato-genic activity of <i>Thevetia peruviana</i> methanol extract in male albino rats	Human Fertility 14.1 (Mar 2011): 53-59	N	N/A	N/A	Phytochemical evaluation and antispermato-genic activity of plant extracts
543.	Guruvayoorappan, C., Kuttan, G.	2008	Methanol extract of <i>Biophytum sensitivum</i> alters the cytokine profile and inhibits iNOS and COX-2 expression in LPS/Con A stimulated macrophages	Drug Chem Toxicol (2008) Vol. 31(1), pp. 175-88	N	N/A	N/A	Plant extract effects on macrophages
544.	Gusev, V.Y., Muksinova, D.A., Radushev, A.V.	2012	Extraction and complexation of copper(II) with para-tert-butylbenzhydrazide and its N',N'-dimethyl derivative	Russian Journal of General Chemistry (2012) Vol. 82(4), pp. 679-684	N	N/A	N/A	Extraction and complexation of copper(II)

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545.	Gutiérrez-S, J J; Calero, S; Krishna, R	2015	Separation of benzene from mixtures with water, methanol, ethanol, and acetone: highlighting hydrogen bonding and molecular clustering influences in CuBTC	PCCP 17.31 (Aug 21, 2015): 20114-24.	N	N/A	N/A	Separation of benzene from mixtures
546.	Hailu, W; Engidawork, E	2014	Evaluation of the diuretic activity of the aqueous and 80% methanol extracts of <i>Ajuga remota</i> Benth (Lamiaceae) leaves in mice	BMC complementary and alternative medicine 14 (Apr 10, 2014): 135.	N	N/A	N/A	Diuretic activity of plant extracts in mice
547.	Hainstock, M L; Tang, Y	2015	Fast measurement of methanol concentration in ionic liquids by potential step method	International journal of analytical chemistry 2015 (2015): 106173.	N	N/A	N/A	Measurement of methanol in ionic liquids
548.	Halbwirth, H., Fischer, T.C., Schlangen, K., Rademacher, W., Schleifer, K-J., Forkmann, G., Stich, K.	2006	Screening for inhibitors of 2-oxoglutarate-dependent dioxygenases: Flavanone 3 β -hydroxylase and flavonol synthase	Plant Science (2006) Vol. 171(2), pp. 194-205	N	N/A	N/A	Determination of mode of action of prohexadione-calcium
549.	Haldern, R.U.	2015	Epistemology of contaminants of emerging concern and literature meta-analysis	J Hazard Mater (2015) Vol. 282, pp. 2-9	N	N/A	N/A	Review of literature on contaminants of emerging concern
550.	Hallin, S., Throback, I.N., Dicksved, J., Pell, M.	2006	Metabolic profiles and genetic diversity of denitrifying communities in activated sludge after addition of methanol or ethanol	Appl Environ Microbiol (2006) Vol. 72(8), pp. 5445-52	N	N/A	N/A	Effect of methanol on denitrifying communities in activated sludge

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551.	Hallinan, D.T. Jr, Elabd, Y.A.	2007	Diffusion and sorption of methanol and water in Nafion using time-resolved Fourier transform infrared-attenuated total reflectance spectroscopy	The journal of physical chemistry. B 111.46 (Nov 22, 2007): 13221-30	N	N/A	N/A	Diffusion and sorption of methanol and water in direct methanol fuel cells
552.	Ham, S-S., Kim, S-H., Yoo, S-J., Oh, H-T., Choi, H-J., Chung, M-J.	2008	Antimutagenicity and cytotoxic effects of methanol extract from deep sea water salt and tea tangle added soybean paste (doenjang)	Journal of the Korean Society of Food Science and Nutrition 37.4 (2008): 416-421	N	N/A	N/A	Antimutagenicity and cytotoxic effects of plant extracts
553.	Hameed, A; Ismail, I M I; Aslam, M; Gondal, M A	2014	Photocatalytic conversion of methane into methanol: Performance of silver impregnated WO3	Applied Catalysis, A: General 470 (2014): 327-335.	N	N/A	N/A	Photocatalytic conversion of methane into methanol
554.	Hammoud, D; Gennequin, C; Aboukais, A; Aad, E	2015	Steam reforming of methanol over x% Cu/Zn-Al 400 500 based catalysts for production of hydrogen: Preparation by adopting memory effect of hydrotalcite and behavior evaluation	International Journal of Hydrogen Energy 40.2 (Jan 12, 2015): 1283-1297	N	N/A	N/A	Steam reforming of methanol for production of hydrogen
555.	Han, C; Yang, X; Gao, G; Wang, J; Lu, H; Liu, J; Tong, M; Liang, X	2014	Selective oxidation of methanol to methyl formate on catalysts of Au-Ag alloy nanoparticles supported on titania under UV irradiation	Green Chemistry 16.7 (2014): 3603-3615.	N	N/A	N/A	Selective oxidation of methanol to methyl formate on catalysts
556.	Han, K.S., Hwang, K.J., Han, O.H.	2007	Comparison of CO on carbon-supported Pt catalysts prepared by CO gas bubbling and methanol dehydrogenation	Bull Korean Chem Soc (2007) Vol. 28(12), pp. 2442-2444	N	N/A	N/A	Comparison of CO on carbon-supported Pt catalysts

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557.	Han, S., Wang, Y., Zhang, X., Han, Z.	2011	Studies on in vitro conservation of shoot tips of apple rootstock Zhongzhen 1	Guoshu Xuebao (2011) Vol. 28(3), pp. 498-502	N	N/A	N/A	In vitro conservation of apple rootstock
558.	Han, Y., Chen, Z.L., Tong, L.N., Yang, L., Shen, J.M., Wang, B.Y., Liu, Y., Liu, Y., Chen, Q.	2013	Reduction of N-nitrosodimethylamine with zero-valent zinc	Water Res (2013) Vol. 47(1), pp. 216-24	N	N/A	N/A	Treatment of NDMA with zero-valent zinc
559.	Han, Z., Zhang, G., Li, Z., Cong, J.	2012	Application prospect of novel pervaporation membrane in dehydration of UDMH	Huaxue Tuijinji Yu Gaofenzi Cailiao (2012) Vol. 10(4), pp. 31-35, 48	N	N/A	N/A	Manufacture of UDMH
560.	Handayani, S., Dewi, E.L., Purwanto, W.W., Soemantojo, R.W.	2010	Simple sulphonation method of composite 68% sulfonated polyether-ether ketone and its properties as polyelectrolyte in high temperature direct methanol fuel cell	World Applied Sciences Journal (2010) Vol. 9(11), pp. 1206-1212	N	N/A	N/A	Polyelectrolyte in direct methanol fuel cell
561.	Hanigan, D., Zhang, J., Herckes, P., Krasner, S.W., Chen, C., Westerhoff, P.	2012	Adsorption of N-nitrosodimethylamine precursors by powdered and granular activated carbon	Environ Sci Technol (2012) Vol. 46(22), pp. 12630-9	N	N/A	N/A	NDMA precursor adsorption by activated carbon
562.	Hansen, J A; Ehara, M; Piecuch, P	2013	Aerobic oxidation of methanol to formic acid on Au8-: benchmark analysis based on completely renormalized coupled-cluster and density functional theory calculations	The journal of physical chemistry. A 117.40 (Oct 10, 2013): 10416-27.	N	N/A	N/A	Aerobic oxidation of methanol to formic acid

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563.	Hansen, S.F., Kraymer von Krauss, M.P., Tickner, J.A.	2007	Categorizing mistaken false positives in regulation of human and environmental health	Risk Anal (2007) Vol. 27(1), pp. 255-69	N	N/A	N/A	Definition and clarification of regulatory false positives
564.	Hanumanthappa, S K; Hanumanthappa, M; Venkatarangaiah, K; Krishnappa, P; Gupta, R K P	2012	Analgesic activity of <i>Cryptostegia grandiflora</i> (Roxb.) R. br. leaves methanol extract using mice.	Asian Pacific Journal of Tropical Disease Supplement 1 (2012): S494-S498.	N	N/A	N/A	Analgesic activity of plant extracts
565.	Harmath, J., Schmidt, G.	2010	Effect of some growth retardants on <i>Caryopteris clandonensis</i> 'Grand Bleu' young plants	Bulletin UASVM Horticulture (2010) Vol. 67(1) pp. 354-358	N	N/A	N/A	Efficacy study
566.	Harper, K., Minofar, B., Sierra-Hernandez, M.R., Casillas-Ituarte, N.N., Roeselova, M., Allen, H.C.	2009	Surface residence and uptake of methyl chloride and methyl alcohol at the air/water interface studied by vibrational sum frequency spectroscopy and molecular dynamics	The journal of physical chemistry. A 113.10 (Mar 12, 2009): 2015-24	N	N/A	N/A	Surface residence and uptake of methyl chloride and methanol at the air/water interface
567.	Harrison, J J; Allen, N D C; Bernath, P F	2012	Infrared absorption cross sections for methanol	Journal of Quantitative Spectroscopy and Radiative Transfer 113.17 (Nov 1, 2012): 2189-2196.	N	N/A	N/A	Infrared absorption cross sections for methanol
568.	Hartman, J.H., Miller, G.P., Boysen, G.	2014	Inhibitory potency of 4-carbon alkanes and alkenes toward CYP2E1 activity	Toxicology (2014) Vol. 318, pp. 51-8	N	N/A	N/A	Inhibitory potency of 4-carbon alkanes and alkenes toward CYP2E1 activity

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569.	Hashemabadi, D., Lipaei, S.R., Shadparvar, V., Zarchini, M., Kaviani, B.	2012	The effect of cycocel and daminozide on some growth and flowering characteristics of <i>Calendula officinalis</i> L., an ornamental and medicinal plant	Journal of Medicinal Plants Research (2012) Vol. 6(9), pp. 1752-1757	N	N/A	N/A	Efficacy study
570.	Hassan, S.M., Youssef, M.I., Youssef, E.A., Inbrahim, I.F., Sheta, M.I.	2014	Effect of red ginseng on dimethylnitroamine – Induced liver injury in albino mice	Research Journal of Pharmaceutical, Biological and Chemical Sciences (2014) Vol. 5(3), pp. 877-893	N	N/A	N/A	Effect of red ginseng on liver injury
571.	Hassanen, S.A., Khalil, R.M.A.	2013	Biotechnological studies for improving of stevia (<i>Stevia rebaudiana</i> Bertoni) in vitro plantlets	Middle-East Journal of Scientific Research (2013) Vol. 14(1), pp. 93-106	N	N/A	N/A	Protocol for rapid in vitro propagation of stevia
572.	Hassanian-Moghaddam, H., Pajoumand, A., Dadgar, S.M., Shadnia, Sh.	2007	Prognostic factors in methanol poisoning	Hum Exp Toxicol (2007) Vol. 26(7), pp. 583-6	N	N/A	N/A	Assessment of clinical and laboratory factors in methanol poisoned patients to determine prognosis of toxicity
573.	Hatakeyama, E., Kajita, H., Sugawara, T., Sasaki, A., Takahashi, S., Komukai, T.	2006	Simultaneous determination of pesticides in agricultural products by LC/MS/MS using clean-up with ultrafiltration	Shokuhin Eiseigaku Zasshi (2006) Vol. 47(4), pp. 137-45	N	N/A	N/A	Analytical method for detection of pesticides in foodstuffs
574.	Hatt, J.W., Lamy, C., Germain, E., Tupper, M., Judd, S.J.	2013	NDMA formation in secondary wastewater effluent	Chemosphere (2013) Vol. 9(1), pp. 83-7	N	N/A	N/A	NDMA formation in secondary wastewater effluent

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575.	Hatziantoniou, S., Dimas, K., Georgopoulos, A., Sotiriadou, N., Demetzos, C.	2006	Cytotoxic and antitumor activity of liposome-incorporated sclareol against cancer cell lines and human colon cancer xenografts	Pharmacological research: the official journal of the Italian Pharmacological Society (2006) Vol. 53(1), pp. 80-7	N	N/A	N/A	Cytotoxic and antitumor activity of sclareol; not relevant to daminozide
576.	Hayashi, S., Nakata, E., Morita, A., Mizuno, K., Yamamura, K., Kato, A., Ohashi, K.	2010	Discovery of {1-[4-(2-{hexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl]-1H-benzimidazol-1-yl)piperidin-1-yl]cyclooctyl}methanol, systemically potent novel non-peptide agonist of nociceptin/orphanin FQ receptor as analgesic for the treatment of neuropathic pain: Design, synthesis, and structure-activity relationships	Bioorganic and Medicinal Chemistry 18.21 (Nov 1, 2010): 7675-7699	N	N/A	N/A	Development of an analgesic for the treatment of neuropathic pain
577.	Hayes, A.C., Liss, S.N., Allen, D.G.	2010	Growth kinetics of Hyphomicrobium and Thiobacillus spp. in mixed cultures degrading dimethyl sulfide and methanol	Appl Environ Microbiol (2010) Vol. 76(16), pp. 5423-5431	N	N/A	N/A	Growth kinetics of bacterial species
578.	Haza, A., Morales, P.	2013	Spanish honeys protect against food mutagen-induced DNA damage	J Sci Food Agric (2013) Vol. 93(12), pp. 2995-3000	N	N/A	N/A	Prevention of DNA damage by honey
579.	He, C., Parrish, D.A., Shreeve, J.M.	2014	Alkyl ammonium cation stabilized biocidal polyiodides with adaptable high density and low pressure	Chemistry (2014) Vol. 20(22), pp. 6699-706	N	N/A	N/A	Development of alkyl ammonium cation stabilized biocidal polyiodides

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580.	He, P., Wang, H.L., Fang, R.W., Chen, D.Y., Xia, Y.Q., Yu, X., Wang, J.L., Jiang, Y.G.	2012	Terahertz beats of vibrational modes in methanol and ethanol selectively excited by tr-CARS technique	Science China (2012) Vol. 55(1), pp. 2351-2356	N	N/A	N/A	Terahertz beats of vibrational modes in methanol
581.	He, R., Davda, R.R., Dumesic, J.A	2005	In situ ATR-IR spectroscopic and reaction kinetics studies of water-gas shift and methanol reforming on Pt/Al ₂ O ₃ catalysts in vapor and liquid phases	J Phys Chem B (2005) Vol. 109(7), pp. 2810-20	N	N/A	N/A	Water-gas shift and methanol reforming on catalysts
582.	He, Y., Huang, C., Zhang, S., Sun, X., Long, X., Li, J.	2012	The potential of microRNAs in liver fibrosis	Cellular Signalling (2012) Vol. 24(12), pp. 2268-2272	N	N/A	N/A	The role of miRNAs in the development of liver fibrosis
583.	Hecht, S.S., Szabo, E.	2014	Fifty years of tobacco carcinogenesis research: From mechanisms to early detection and prevention of lung cancer	Cancer Prev Res (Phila) (2014) Vol. 7(1), pp. 1-8	N	N/A	N/A	Fifty years of tobacco carcinogenesis research
584.	Heim, L E; Thiel, D; Gedig, C; Deska, J; Prechtel, M H G	2015	Bioinduced room-temperature methanol reforming	Angewandte Chemie (2015) Vol. 54(35), pp. 10308-12	N	N/A	N/A	Bioinduced room-temperature methanol reforming
585.	Helwani, Z., Othman, M.R., Aziz, N., Kim, J., Fernando, W.J.N.	2009	Solid heterogeneous catalysts for transesterification of triglycerides with methanol: a review	Applied Catalysis A: General 363.1/2 (2009): 1-10	N	N/A	N/A	Catalysts for transesterification of triglycerides with methanol

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586.	Hemmerling, C., Augustyniak, B., Maye, A., Seidl, G., Warschewske, G.	2009	Multiresidual methods for pesticide analysis in food control-potentials and limits - 3. Variation of methods of the BFR with universal applications for residue using GC-MS-TOF and LC-MS-MS	Deutsche Lebensmittel-Rundschau (2009) Vol. 105, No. 10, pp. 633-644	N	N/A	N/A	Analytical method for detection of pesticides in foodstuffs
587.	Henning-De, J., van Zelm, R., Huijbregts, M.A., de Zwart, D., van der Linden, T.M., Wintersen, A., Posthuma, L., van de Meent, D.	2008	Ranking of agricultural pesticides in the Rhine-Meuse-Scheldt basin based on toxic pressure in marine ecosystems	Environ Toxicol Chem (2008) Vol. 27(3), pp. 737-45	N	N/A	N/A	Ranking of pesticides on the basis of their potential toxicity to coastal ecosystems
588.	Henry, M.C., Piagessi, E.A., Zesotarski, J.C., Messmer, M.C.	2005	Sum-frequency observation of solvent structure at model chromatographic interfaces: acetonitrile-water and methanol-water systems	Langmuir 21.14 (Jul 5, 2005): 6521-6	N	N/A	N/A	Adsorption of methanol-D2O at model chromatographic interfaces
589.	Herrman, S.S., Duedahl-Olesen, L., Granby, K.	2014	Simultaneous determination of volatile and non-volatile nitrosamines in processed meat products by liquid chromatography tandem mass spectrometry using atmospheric pressure chemical ionisation and electrospray ionisation	Journal of Chromatography A (2014) Vol. 1330, pp. 20-29	N	N/A	N/A	Analytical detection of nitrosamines in foodstuffs

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590.	Herrman, S.S., Duedahl-Olesen, L., Granby, K.	2015	Occurrence of volatile and non-volatile N-nitrosamines in processed meat products and the role of heat treatment	Food Control (2015) Vol. 48, pp. 163-169	N	N/A	N/A	Nitrosamines in meat products
591.	Herrman, S.S., Granby, K., Duedahl-Olesen, L.	2015	Formation and mitigation of N-nitrosamines in nitrite preserved cooked sausages	Food Chem (2015) Vol. 174, pp. 516-526	N	N/A	N/A	Formation and mitigation of nitrosamines in foodstuffs
592.	Highfield, J.G., Chen, M.H., Nguyen, P.T., Chen, Z.	2009	Mechanistic investigations of photo-driven processes over TiO ₂ by in-situ DRIFTS-MS: Part 1. Platinization and methanol reforming	Energy and Environmental Science 2.9 (Sep 9, 2009): 991-1002	N	N/A	N/A	Mechanistic investigations of photo-driven processes over TiO ₂
593.	Hilgers, K.R., Haynes, C., Graves, W.R.	2005	Chemical height control of containerized seashore mallow	HortTechnology (2005) Vol. 15(2), pp. 330-332	N	N/A	N/A	Efficacy study
594.	Hill, E C; Ngouajio, M; Nair, M G	2007	Allelopathic potential of hairy vetch (<i>Vicia villosa</i>) and cowpea (<i>Vigna unguiculata</i>) methanol and ethyl acetate extracts on weeds and vegetables	Weed Technology 21.2 (2007): 437-444	N	N/A	N/A	Allelopathic potential of plant extracts
595.	Hill, I	2013	Kinetics and mechanisms of methanol to hydrocarbons conversion over zeolite catalysts.	In Dissertation Abstracts International. Vol. 74, no. 11, suppl. B, 100 p. 2013, 100. (2013).	N	N/A	N/A	Kinetics and mechanisms of methanol to hydrocarbons conversion

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596.	Hirao, H., Chuanpravit, P., Chenong, Y.Y., Wang, X.,	2013	How Is a metabolic intermediate formed in the mechanism-based inactivation of cytochrome P450 by using 1,1-dimethylhydrazine: Hydrogen abstraction or nitrogen oxidation?	Chemistry (2013) Vol. 19(23), pp. 7361-9	N	N/A	N/A	Investigation into how metabolic intermediates are formed from hydrazine
597.	Hirao, S., Kobria, K., Sawayama, J., Saigo, K., Nishiwaki, N.	2012	Ring construction via pseudo-intramolecular hydrazone using bifunctional δ -keto nitrile	Tetrahedron Letters (2012) Vol. 53(1), pp. 82-85	N	N/A	N/A	Reactions to synthesis hydrazones
598.	Hire, C.C., Genuino, H.C., Suib, S.L., Adamson, D.H.	2013	Titanium condensation by a bio-inspired synthetic block copolymer	Chemistry of Materials (2013) Vol. 25(10), pp. 2056-2063	N	N/A	N/A	Titanium condensation by a bio-inspired synthetic block copolymer
599.	Hirunsit, P; Soodsawang, W; Limtrakul, J	2015	CO ₂ electrochemical reduction to methane and methanol on copper-based alloys: Theoretical insight	Journal of Physical Chemistry C 119.15 (2015): 8238-8249.	N	N/A	N/A	CO ₂ electrochemical reduction to methane and methanol
600.	Hlophe, M.	2012	Kinetics of electrochemical reduction of N-nitrosodimethylamine by voltametric techniques in aqueous solution	International Journal of Electrochemical Science (2012) Vol. 7(7), pp. 5927-5938	N	N/A	N/A	The kinetics of electrochemical reduction of NDMA
601.	Ho, M.C., Tsui, P.H., Lee, Y.H., Chen, Y.S., Chen, C.N., Lin, J.J., Chang, C.C.	2014	Early detection of liver fibrosis in rats using 3-D ultrasound Nakagami imaging: a feasibility evaluation	Ultrasound Med Biol (2014) Vol. 40(9), pp. 2272-84	N	N/A	N/A	Use of 3-D ultrasound imaging to detect liver fibrosis

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602.	Hobbie, K.R., DeAngelo, A.B., George, M.H., Law, J.M.	2012	Neoplastic and nonneoplastic liver lesions induced by dimethylnitrosamine in Japanese medaka	Vet Pathol (2012) Vol. 49(2), pp. 372-85	N	N/A	N/A	Does not address endpoint but confirms NDMA is a carcinogen in vertebrates, which is currently known
603.	Hodgkinson, J.T., Galloway, W.R., Welch, M., Spring, D.R.	2012	Microwave-assisted preparation of the quorum-sensing molecule 2-heptyl-3-hydroxy-4(1H)-quinolone and structurally related analogs	Nat Protoc (2012) Vol. 7(6), pp. 1184-92	N	N/A	N/A	Preparation of 2-heptyl-3-hydroxy-4(1H)-quinolone and structurally related analogs
604.	Hodyss, R., Parkinson, C.D., Johnson, P.V., Stern, J.V., Goguen, J.D., Yung, Y.L., Kanik, I.	2009	Methanol on enceladus	Geophysical Research Letters 36.17 (Sep 1, 2009)	N	N/A	N/A	Methanol on a moon of Saturn
605.	Hoffmann, E.M., Selje-Assmann, N., Becker, K.	2008	Dose studies on anti-proteolytic effects of a methanol extract from <i>Knautia arvensis</i> on <i>in vitro</i> ruminal fermentation.: Special Issue: Enzymes, direct fed microbials and plant extracts in ruminant nutrition	Animal Feed Science and Technology 145.1/4 (2008): 285-301	N	N/A	N/A	Anti-proteolytic effects of plant extracts
606.	Höfft, O. Kahnert, U. Bahr, S. Kempter, V.	2006	Interaction of Nal with solid water and methanol	Journal of Physical Chemistry B 110.34 (Aug 31, 2006): 17115-17120	N	N/A	N/A	Interaction of Nal with solid water and methanol

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607.	Hofman-Caris, C.H.M., Harmsen, D.J.H., Beerendonk, E.F., Knol, A.H., Metz, D.H., Wols, B.A.	2012	Prediction of advanced oxidation performance in pilot UV/H ₂ O ₂ reactor systems with MP- and LP-UV Lamps	Ozone: Science & Engineering (2012) Vol. 34(2), pp. 120-124	N	N/A	N/A	Modelling of advanced oxidation processes
608.	Hofman-Caris, C.H.M., Harmsen, D.J.H., Wols, B.A., Beerendonk, E.F., Keltjens, L.L.M.	2012	The use of larger volumes in a collimated beam setup	Ozone: Science & Engineering (2012) Vol. 34(2), pp. 125-128	N	N/A	N/A	Collimated beam setup
609.	Hofs, B., Schurer, R., Harmsen, D.J.H., Ceccarelli, C., Beerendonk, E.F., Cornelissen, E.R.	2013	Characterization and performance of a commercial thin film nanocomposite seawater reverse osmosis membrane and comparison with a thin film composite	Journal of Membrane Science (2013) Vol. 446, pp. 68-78	N	N/A	N/A	Characterisation and performance of a commercial TFN
610.	Hohn, K.L., Lin, Y-C.	2009	Catalytic partial oxidation of methanol and ethanol for hydrogen generation	ChemSusChem. Chemistry & Sustainability, Energy & Materials 2.10 (2009): 927-940	N	N/A	N/A	Catalytic oxidation of methanol for hydrogen generation
611.	Holday, J.C., Trenholm, R.A., Snyder, S.A.	2012	Use of automated solid-phase extraction and GC-MS/MS to evaluate nitrosamines in water matrices	American Laboratory (2012) Vol. 44(3), pp. 25-30	N	N/A	N/A	Analytical method for detection of nitrosamines in water
612.	Holstein, W.L., Rosenfeld, H.D.	2005	In-situ X-ray absorption spectroscopy study of Pt and Ru chemistry during methanol electrooxidation	The journal of physical chemistry. B 109.6 (Feb 17, 2005): 2176-86	N	N/A	N/A	X-ray absorption spectroscopy study

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613.	Homme, C.L., Sharp, J.O.	2013	Differential microbial transformation of nitrosamines by an inducible propane monooxygenase	Environ Sci Technol (2013) Vol. 47(13), pp. 7388-7395	N	N/A	N/A	Microbial transformation of nitrosamines
614.	Hong Y; Jang H; Yang K	2011	Subacute oral toxicity of the methanol extract from <i>Phellinus pini</i> in rats.	Natural Product Sciences 17.4 (2011): 291-295.	N	N/A	N/A	Subacute toxicity of plant extracts
615.	Hongsrichan, N., Rucksacken, R., Chamgramol, Y., Pinlaor, P., Techasen, A., Yongvanit, P., Khuntikeo, N., Pairojkul, C., Pinlaor, S.	2013	Annexin A1: A new immunohistological marker of cholangiocarcinoma	World J Gastroenterol (2013) Vol. 19(16), pp. 2456-65	N	N/A	N/A	Evaluation of a new immuno-histological marker of cholangio-carcinoma
616.	Hor, S Y; Ahmad, M; Farsi, E; Yam, M F; Hashim, M A; Lim, C P; Sadikun, A; Asmawi, M Z	2012	Safety assessment of methanol extract of red dragon fruit (<i>Hylocereus polyrhizus</i>): acute and subchronic toxicity studies	RTP 63.1 (Jun 2012): 106-14.	N	N/A	N/A	Toxicity of plant extracts
617.	Hossain, E; Sarkar, D; Chatterjee, M; Chakraborty, S; Mandal, S C; Gupta, J K	2013	Effect of methanol extract of <i>Bombax malabaricum</i> leaves on nitric oxide production during inflammation	Acta poloniae pharmaceutica 70.2 (Mar 2013 - Apr 2013): 255-60.	N	N/A	N/A	Plant extract effects on nitric oxide production during inflammation

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618.	Hostenbach, K., van Leeuwen, D.M., Gottschalk, R.W., Gmuender, H., Stølevik, S.B., Nygaard, U.C., Løvik, M., Granum, B., Namork, E., van Loveren, H., van Delft, J.H.	2012	Transcriptomic fingerprints in human peripheral blood mononuclear cells indicative of genotoxic and non-genotoxic carcinogenic exposure	Mutat Res (2012) Vol. 746(2), pp. 124-34	N	N/A	N/A	Identification of biomarkers for genotoxic and non-genotoxic carcinogen exposure in human peripheral blood cells; no relevant endpoints investigated
619.	Hou, G.	2006	Kinetic and mechanistic investigation of methanol oxidation and membrane-degradation for direct methanol fuel cells	Dissertation Abstracts International. Vol. 68, no. 03, suppl. B, 114 p. 2006 , 114. (2006)	N	N/A	N/A	Methanol oxidation and membrane-degradation for methanol fuel cells
620.	Hovda, K.E., Andersson, K.S., Urdal, P., Jacobsen, D.	2005	Methanol and formate kinetics during treatment with fomepizole	Clin Toxicol (2005) Vol. 43(4), pp. 221-7	N	N/A	N/A	Methanol and formate kinetics during treatment with fomepizole
621.	Hovda, K.E., Gadeholt, G., Evtodienko, V., Jacobsen, D.	2015	A novel bedside diagnostic test for methanol poisoning using dry chemistry for formate	Scandinavian Journal of Clinical and Laboratory Investigation (2015) Vol. 75(7), pp. 610-4	N	N/A	N/A	Diagnostic test for methanol poisoning
622.	Hovda, K.E., Jacobsen, D.	2008	Expert opinion: fomepizole may ameliorate the need for hemodialysis in methanol poisoning	Hum Exp Toxicol (2008) Vol. 27(7), pp. 539-46	N	N/A	N/A	Potential amelioration of haemodialysis in methanol poisoning
623.	Hovda, K.E., Midnal, H., Urdal, P., McMartin, K., Jacobsen, D.	2007	Extremely slow formate elimination in severe methanol poisoning: A fatal case report	Clin Toxicol (2007) Vol. 45(5), pp. 516-21	N	N/A	N/A	Methanol and formate kinetics after methanol poisoning
624.	Hovda, K.E., Urdal, P., Jacobsen, D.	2005	Increased serum formate in the diagnosis of methanol poisoning	J Anal Toxicol (2005) Vol. 29(6), pp. 586-8	N	N/A	N/A	Use of formate in the diagnosis of methanol poisoning

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625.	Hsieh, C.T., Hsiao, H.T., Tzou, D.Y., Yu, P.Y., Chen, P.Y., Jang, B.S.	2015	Electro-oxidation of methanol and formic acid on platinum nanoparticles with different oxidation levels	Materials Chemistry and Physics (2015) Vol. 149-150, pp. 359-367	N	N/A	N/A	Electro-oxidation of methanol on platinum nanoparticles
626.	Hsieh, Y; Chen, J; Wu, P	2011	Electrochemical degradation of Nafion ionomer to functionalize carbon support for methanol electro-oxidation	Journal of Power Sources 196.20 (Oct 15, 2011): 8225-8233.	N	N/A	N/A	Electrochemical degradation of Nafion ionomer
627.	Hsieh, Y-C; Chang, L-C; Chen, Y-M; Wu, P-W; Lee, J-F	2014	Using decomposed Nafion ionomers to anchor Pt nanoparticles and improve their durability during methanol electro-oxidation	Journal of Power Sources 245 (Jan 1, 2014): 315-323.	N	N/A	N/A	Anchoring Pt nanoparticles and improving durability during methanol electro-oxidation
628.	Hu, C., Cao, Y., Yang, L., Bai, Z., Guo, Y., Wang, K., Xu, P., Zhou, J.	2011	Preparation of highly dispersed Pt-SnOx nanoparticles supported on multi-walled carbon nanotubes for methanol oxidation	Applied Surface Science (2011) Vol.257(18), pp 7968-7974	N	N/A	N/A	Preparation of nanoparticles for methanol oxidation
629.	Hu, C-W., Lee, K-M., Chen, K-C., Chang, L-C., Shen, K-Y., Lai, S-C., Kuo, T-H., Hsu, C-Y., Huang, L-M., Vittal, R., Ho, K-C.	2012	High contrast all solid-state electrochromic device with 2,2,6,6-tetramethyl-1-piperidinyloxy (TEMPO), heptyl viologen and succinonitrile	Solar Energy Materials and Solar Cells (2012) Vol. 99, pp. 135-140	N	N/A	N/A	Fabrication of high contrast all-solid-state electrochromic device
630.	Hu, G-R., Chao, C-S., Shiu, H-W., Wang, C-T., Lin, W-R., Hsu, Y-J., Luo, M-F.	2011	Low-temperature decomposition of methanol on Au nanoclusters supported on a thin film of Al ₂ O ₃ /NiAl ₁₀₀	PCCP 13.8 (Feb 28, 2011): 3281-90	N	N/A	N/A	Decomposition of methanol on Au nanoclusters

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631.	Hu, H-C., Tian, Y-X., Jin, H-J., Chai, X-S., Barnes, D.G.	2013	A new headspace gas chromatographic method for the determination of methanol content in paper materials used for food and drink packaging	J Agric Food Chem (2013) Vol. 61(39), pp. 9362-9365	N	N/A	N/A	Analytical detection of methanol in paper materials used for food and drink packaging
632.	Hu, L-L., Chen, C., Huang, T., Cai, Y-D., Chou, K-C.	2011	Predicting biological functions of compounds based on chemical-chemical interactions	PloS One (2011) Vol. 6(12), pp. 1-9	N	N/A	N/A	Model development for metabolic pathways
633.	Hu, Y., Bernstein, E.R.	2009	Photoionization and vibrational spectroscopy of the aniline-methanol clusters	The journal of physical chemistry. A 113.4 (Jan 29, 2009): 639-43	N	N/A	N/A	Photoionization and vibrational spectroscopy of the aniline-methanol clusters
634.	Hu, Y., Wu, P., Yin, Y., Zhang, H., Cai, C.	2012	Effects of structure, composition, and carbon support properties on the electrocatalytic activity of Pt-Ni-graphene nanocatalysts for the methanol oxidation	Applied Catalysis B: Environmental (2012) Vol. 111-112, pp. 208-217	N	N/A	N/A	Electrocatalytic activity of nanocatalysts for the methanol oxidation
635.	Huang, G ; Deng, J; Chen, C; Huang, C; Sung, P; Huang, S; Kuo, Y	2014	Methanol extract of <i>Antrodia camphorata</i> protects against lipopolysaccharide-induced acute lung injury by suppressing NF-κB and MAPK pathways in mice	Journal of agricultural and food chemistry 62.23 (Jun 11, 2014): 5321-9.	N	N/A	N/A	Fungal extract protection against acute lung injury
636.	Huang, H., Sun, D., Wang, X.	2012	PtCo alloy nanoparticles supported on graphene nanosheets with high performance for methanol oxidation	Chinese Science Bulletin Kexue Tongbao. (2012) Vol. 57(23), pp. 3071-3079	N	N/A	N/A	Nanoparticles on graphene nanosheets for methanol oxidation

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637.	Huang, H., Ye, G., Yang, S., Fei, H., Tiwary, C.S., Gong, Y., Vajtai, R., Tour, J.M., Wang, X., Ajayan, P.M.	2015	Nanosized Pt anchored onto 3D nitrogen-doped graphene nanoribbons towards efficient methanol electrooxidation	Journal of Materials Chemistry A (2015) Vol. 3, pp. 19696-19701	N	N/A	N/A	Nanosized Pt on nanoribbons towards efficient methanol electrooxidation
638.	Huang, H., Zhang, J., Xu, D., Zhou, Y., Luo, J., Li, M., Chen, S., Wang, L.	2014	Determination of 21 plant growth regulator residues in fruits by QuERchERS-high performance liquid chromatography-tandem mass spectrometry	Se Pu (2014) Vol. 32(7), pp. 707-16	N	N/A	N/A	Analytical detection of residues in foodstuffs
639.	Huang, H-P., Wang, J., Huang, L-Q., Gao, S-I., Huang, P., Wang, D-L.	2014	Germplasm preservation in vitro of <i>Polgonum multiflorum</i> Thunb	Pharamcognosy Magazine (2014) Vol. 10(38), pp. 179-184	N	N/A	N/A	Chinese knotweed germplasm preservation
640.	Huang, J., Wu, J., An, J., Tan, B., Xing, Y.	2008	Factors influencing pollen germination and tube growth of <i>Prunus armeniaca</i> L. in vitro	Xibei Zhiwu Xuebao (2008) Vol. 28(1), pp. 52-58	N	N/A	N/A	Influences on pollen germination and tube growth of <i>P. armeniaca</i>
641.	Huang, L., Fu, Q., Hou, P., Li, W., Zhao, L., Yue, J., Gao, S., Pi, S., Qiu, H., Qiu, C.	2012	High purification for nitrogen prepared by PSA	Diwen Yu Teqi (2012) Vol. 30(2), pp. 19-22	N	N/A	N/A	High purification for nitrogen
642.	Huang, L; Huang, Q; Chen, H; Huang, F; Huang, H	2011	Differential proteins of the optic ganglion in octopus vulgaris under methanol stress revealed using proteomics	Applied biochemistry and biotechnology 165.3-4 (Oct 2011): 978-88.	N	N/A	N/A	Differential proteins of the optic ganglion

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643.	Huang, M.C., Chen, H.C., Fu, S.C., Ding, W.H.	2013	Determination of volatile N-nitrosamines in meat products by microwave-assisted extraction coupled with dispersive micro solid-phase extraction and gas chromatography--chemical ionisation mass spectrometry	Food Chem (2013) Vol. 138(1), pp. 227-33	N	N/A	N/A	Analytical method for detection of nitrosamines in foodstuffs
644.	Huang, W; Wang, H; Zhou, J; Wang, J; Duchesne, P.N; Muir, D; Zhang, P; Han, N; Zhao, F; Zeng, M; Zhong, J; Jin, C; Li, Y; Lee, S; Dai, H	2015	Highly active and durable methanol oxidation electrocatalyst based on the synergy of platinum-nickel hydroxide-graphene	Nature Communications 6 (Nov 25, 2015).	N	N/A	N/A	Methanol oxidation electrocatalysts
645.	Huang, Y., Cai, J., Guo, Y.	2013	Facile synthesis of a Bi-modified PtRu catalyst for methanol and ethanol electro-oxidation in alkaline medium	International Journal of Hydrogen Energy (2012) Vol. 38(8), pp. 3250-3256	N	N/A	N/A	Facile synthesis of a high performance catalyst
646.	Huang, Y., Cai, J., Zheng, S., Guo, Y.	2012	Fabrication of a high-performance Pb-PtCu/CNT catalyst for methanol electro-oxidation	Journal of Power Sources (2012) Vol. 210, pp. 81-85	N	N/A	N/A	Fabrication of a high-performance catalyst for methanol electro-oxidation
647.	Huang, Y., Yang, Z., Jin, X., Yu, Q.	2007	Effects of plant growth retardants on growth characters of ryegrass	Hunan Nongye Daxue Xuebao (2007) Vol. 33(1), pp. 109-112	N	N/A	N/A	Efficacy study

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648.	Huang, Y., Zheng, S., Lin, X., Su, L., Guo, Y.	2012	Microwave synthesis and electrochemical performance of a PtPb alloy catalyst for methanol and formic acid oxidation	Electrochimica Acta (2012) Vol. 63, pp. 346-353	N	N/A	N/A	Synthesis and performance of catalyst for methanol and formic acid oxidation
649.	Huang, Y.H., Wang, S.F., Tsai, A.P., Kameoka, S.	2015	Catalysts prepared from copper-nickel ferrites for the steam reforming of methanol	Journal of Power Sources (2015) Vol. 281, pp. 138-145	N	N/A	N/A	Catalysts prepared from copper-nickel ferrites
650.	Huang, Y.X., Jang, J.Y., Cheng, C.H.	2014	Fractal channel design in a micro methanol steam reformer	International Journal of Hydrogen Energy (2014) Vol. 39(5), pp. 1998-2007	N	N/A	N/A	Fractal channel design in a micro methanol steam reformer
651.	Huang, Z, Meng, P., Sun, W., Zhu, Y., Yang, H., Wang, R., Ma, L.	2013	Effect of hydroxyl radical oxidizing systems on formation of NDMA in simulated system	Shipin Gongye Keji (2013) Vol. 34(9), pp. 62-66	N	N/A	N/A	Formation of NDMA by hydroxyl radical oxidising systems; no relevant endpoints investigated
652.	Huang, Z; Xu, L; Li, J-H; Kawi, S; Goh, A H	2011	Organic template removal from hexagonal mesoporous silica by means of methanol-enhanced CO ₂ extraction: Effect of temperature, pressure and flow rate	Separation and purification technology 77.1 (Feb 2, 2011): 112-119	N	N/A	N/A	Organic template removal from hexagonal mesoporous silica

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653.	Hubacek, J.A., Pelclova, D., Seidl, Z., Vaneckova, M., Klempir, J., Ruzicka, E., Ridzon, P., Urban, P., Felclova, Z., Petrik, V., Diblik, P., Kuthan, P., Miovsky, M., Janikova, B., Adamkova, V., Zakharov, S.	2015	Rare alleles within the CYP2E1 (MEOS system) could be associated with better short-term health outcome after acute methanol poisoning	Basic Clin Pharmacol Toxicol (2015) Vol. 116(2), pp. 168-72	N	N/A	N/A	Genetic predisposition of reactions to methanol poisoning
654.	Huggins, N., Nugent, A., Modem, V., Rodriguez, J.S., Forbess, J., Scott, W., Dimas, V.V.	2014	Incidence of acute kidney injury following cardiac catheterization prior to cardiopulmonary bypass in children	Catheter Cardiovasc Interv (2014) Epub ahead of print	N	N/A	N/A	Acute kidney injury following cardiac catheterization prior to cardiopulmonary bypass in children
655.	Huijbregts, M.A., Rombouts, L.J., Ragas, A.M., van de Meent, D.	2005	Human toxicological effect and damage factors of carcinogenic and noncarcinogenic chemicals for life cycle impact assessment	Integr Environ Assess Manag (2005) Vol. 1(3) pp. 181-244	N	N/A	N/A	Human toxicological effect for life cycle impact assessment
656.	Hunderi, O.H., Hovda, K.E., Jacobsen, D.	2006	Use of the osmolal gap to guide the start and duration of dialysis in methanol poisoning	Scand J Urol Nephrol (2006) Vol. 40(1), pp. 70-4	N	N/A	N/A	Use of the osmolal gap to guide the start and duration of dialysis in methanol poisoning
657.	Hung, T.M., Dang, N.H., Dat, N.T.	2014	Methanol extract from Vietnamese <i>Caesalpinia sappan</i> induces apoptosis in HeLa cells	Biol Res (2014) Vol. 47(1), pp. 20	N	N/A	N/A	Plant extract induces apoptosis in HeLa cells

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658.	Hung, W.L., Tsai, M.L., Sun, P.P., Tsai, C.Y., Yang, C.C., Ho, C.T., Cheng, A.C., Pan, M.H.	2014	Protective effects of garcinol on dimethylnitrosamine-induced liver fibrosis in rats	Food Funct (2014) Vol. 5(11), pp. 2883-91	N	N/A	N/A	Protective effects of garcinol on liver fibrosis
659.	Hung, Y.H., Huang, H.Y., Chou, C.C.	2007	Mutagenic and antimutagenic effects of methanol extracts of unfermented and fermented black soybeans	Int J Food Microbiol (2007) Vol. 118(1), pp. 62-8	N	N/A	N/A	Mutagenic and antimutagenic effects of plant extracts
660.	Husarova, S; Vaitilingom, M; Deguillaume, L; Traikia, M; Vinatier, V; Sancelme, M; Amato, P; Matulova, M; Delort, A	2011	Biotransformation of methanol and formaldehyde by bacteria isolated from clouds. Comparison with radical chemistry	Atmospheric Environment 45.33 (Oct 2011): 6093-6102.	N	N/A	N/A	Biotransformation of methanol and formaldehyde by bacteria isolated from clouds
661.	Husin, H; Su, W; Pan, C; Liu, J; Rick, J; Yang, S; Chuang, W; Sheu, H; Hwang, B	2013	Pd/NiO core/shell nanoparticles on La _{0.02} Na _{0.98} TaO ₃ catalyst for hydrogen evolution from water and aqueous methanol solution	International Journal of Hydrogen Energy 38.31 (2013): 13529-13540.	N	N/A	N/A	Catalyst for hydrogen evolution from water and aqueous methanol solution
662.	Hussein, N.A.E.M., El-Toukhy, M.A.E-F., Kazem, A.H., Ali, M.E-S., Ahmad, M.A.E-R., Ghazy, H.M.R., El-Din, A.M.G.	2014	Protective and therapeutic effects of cannabis plant extract on liver cancer induced by dimethylnitrosamine in mice	Alexandria Journal of Medicine (2014) Vol. 50(3), pp. 241-251	N	N/A	N/A	Protective and therapeutic effects of cannabis plant extract on liver cancer
663.	Hutomo, Y.W., Pinder, K.L.	2006	Effects of residence time distribution and packing on methanol oxidation in biotrickling filter	Journal of the Air and Waste Management Association 56.3 (Mar 2006): 334-342	N	N/A	N/A	Effects on methanol oxidation in biotrickling filter

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664.	Hyun, S., Kim, M., Baek, K., Lee, L.S.	2010	Phenanthrene and 2,2',5,5'-PCB sorption by several soils from methanol-water solutions: the effect of weathering and solute structure	Chemosphere 78.4 (Jan 2010): 423-9	N	N/A	N/A	Phenanthrene and 2,2',5,5'-PCB sorption by soil
665.	Hyun, S., Lee, L.S.	2008	Pentachlorophenol sorption by variable-charge soils in methanol-water mixture: pH effect at the low solvent volume fraction	Chemosphere 70.3 (Jan 2008): 503-10	N	N/A	N/A	Pentachlorophenol sorption in soils
666.	Iatrou, H., Dimas, K., Gkikas, M., Tsimblouli, C., Sofianopoulou, S.	2014	Polymersomes from polypeptide containing triblock Co- and terpolymers for drug delivery against pancreatic cancer: asymmetry of the external hydrophilic blocks	Macromol Biosci (2014) Vol. 14(9), pp. 1222-38	N	N/A	N/A	No relevant endpoints investigated
667.	Idu, M., Erhabor, J.O., Timothy, O., Etatuvie, S.O.	2010	Phytochemical and acute toxicity studies of the aqueous and methanol extracts of <i>Emilia coccinea</i> (Sims) G. Don.	Journal of Plant Development Sciences 2.3/4 (2010): 89-94	N	N/A	N/A	Phytochemical and toxicity studies of plant extracts
668.	Idu, M., Timothy, O., Omogbai, E.K.I., Amaechina, F.	2008	Hypotensive effects and acute toxicity property of methanol extract of <i>Baissea axillaris</i> Hau. leaf on animal models	Journal of Biological Sciences 8.3 (2008): 675-678	N	N/A	N/A	Hypotensive effects and toxicity of plant extracts
669.	Iftikhar, A., Khurram Z., Qasim, M., Tariq, M.	2007	Comparative evaluation of different pinching approaches on vegetative and reproductive growth of carnation (<i>Dianthus caryophyllus</i>)	Pakistan Journal of Agricultural Sciences (2007) Vol. 44(4), pp. 563-570	N	N/A	N/A	Different pinching approaches on vegetative and reproductive growth of carnation

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670.	Ikebuchi, Y., Shimizu, H., Ito, K., Yoshikado, T., Yamanashi, Y., Takada, T., Suzuki, H.	2012	Ursodeoxycholic acid stimulates the formation of the bile canalicular network	Biochem Pharmacol (2012) Vol. 84(7), pp. 925-35	N	N/A	N/A	Pharmacological potential of UDCA
671.	Ikonomodis, I., Kadoglou, N.N., Tritakis, V., Paraskevaidis, I., Dimas, K., Trivilou, P., Papadakis, I., Tzortzis, S., Triantafyllidi, H., Parissis, J., Anastasiou-Nana, M., Lekakis, J.	2014	Association of Lp-PLA2 with digital reactive hyperemia, coronary flow reserve, carotid atherosclerosis and arterial stiffness in coronary artery disease	Atherosclerosis (2014) Vol. 234(1), pp. 34-41	N	N/A	N/A	No relevant endpoints investigated
672.	Ilesanmi, F F; Balogun, E A; Ilesanmi, O S	2011	Comparative effect of chronic administration of chloroquine phosphate and methanol extract of <i>Landolphia owariensis</i> on the activities of rat enzymes	Journal of Applied Pharmaceutical Science 1.6 (2011): 72-74	N	N/A	N/A	Effects of plant extracts on activities of rat enzymes
673.	Im, Y; Kang, S; Kim, K; Ju, T; Han, G; Park, N; Lee, T; Kang, M; Yu, J	2013	Dynamic hydrogen production from methanol/water photo-splitting using core@shell-structured CuS@TiO2 catalyst wrapped by high concentrated TiO2 particles	International Journal of Photoenergy 2013 (2013): 1-10.	N	N/A	N/A	Hydrogen production from methanol/water photo-splitting

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674.	Imahara, H., Minami, E., Hari, S., Saka, S.	2008	Thermal stability of biodiesel in supercritical methanol	Fuel 87.1 (2008): 1-6	N	N/A	N/A	Thermal stability of biodiesel in supercritical methanol
675.	Inboot, W; Sirinya T; Anuruk C; Puttinan M; Rawiwan W	2012	Genotoxicity and antigenotoxicity of the methanol extract of <i>Cleistocalyx nervosum</i> var. paniala seed using a Salmonella mutation assay and rat liver micronucleus tests	Molecular & Cellular Toxicology 8.1 (2012): 19-24.	N	N/A	N/A	Genotoxicity and antigenotoxicity of plant extracts
676.	Iotov, P., Kalcheva, S.	2013	On the electrocatalytic activity of PtAu bimetallic systems in highly concentrated methanol solutions	Journal of Chemical Technology and Metallurgy (2013) Vol. 48(1), pp. 80-91	N	N/A	N/A	Electrocatalytic behaviour of PtAu bimetallic systems
677.	Ishibashi, M., Ando, T., Sakai, M., Matsubara, A., Uchikata, T., Fukusaki, E., Bamba, T.	2012	High-throughput simultaneous analysis of pesticides by supercritical fluid chromatography/ tandem mass spectrometry	J Chromatogr A (2012) Vol. 1266, pp. 143-8	N	N/A	N/A	Analytical method for pesticide residue analysis
678.	Ishikawa, T.	2011	Effects of cold storage while raising seedlings in darkness on the flowering of <i>Primula</i> .times. <i>polyantha</i> Mill	Horticultural Research (Japan) (2011) Vol. 10(1), pp. 75-80	N	N/A	N/A	Effects of cold storage on the flowering of <i>P. polyantha</i>
679.	Ishola, I O; Akindele, A J; Adeyemi, O O	2012	Sub-chronic toxicity study of the methanol root extract of <i>Cnestis ferruginea</i>	Pharmaceutical biology 50.8 (Aug 2012): 994-1006.	N	N/A	N/A	Sub-chronic toxicity of plant extracts
680.	Israni, S.H., Harold, M.P.	2011	Methanol steam reforming in single-fiber packed bed Pd-Ag membrane reactor: Experiments and modeling	Journal of Membrane Science 369.1-2 (Mar 1, 2011): 375-387	N	N/A	N/A	Methanol steam reforming in single-fiber packed bed reactor

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681.	Jablonska, M., Krol, A., Kukulska-Zajac, E., Tarach, K., Girman, V., Chmielarz, L., Gora-Marek, K.	2015	Zeolites Y modified with palladium as effective catalysts for low-temperature methanol incineration	Applied Catalysis B: Environmental (2015) Vol. 166-167, pp. 353-365	N	N/A	N/A	Zeolites modified with palladium as catalysts for methanol incineration
682.	Jacobs, G; Davis, B H	2005	In situ DRIFTS investigation of the steam reforming of methanol over Pt/ceria	Applied Catalysis A: General 285.1/2 (2005): 43-49	N	N/A	N/A	Steam reforming of methanol over Pt/ceria
683.	Jaga, K., Dharmani, C.	2005	The epidemiology of pesticide exposure and cancer: A review	Rev Environ Health (2005) Vol. 20(1), pp. 15-38	N	N/A	N/A	Review of the epidemiology of pesticide exposure and cancer in humans
684.	Jain, R., Janakiram, T., Swaroop, K., Kumawat, G.L.	2014	Induction of dwarfing in Bougainvillea cv Mahara by use of growth regulators	The Indian Journal of Agricultural Sciences (2014) Vol. 84(7)	N	N/A	N/A	Induction of dwarfing in bougainvillea
685.	Jakszyn, P.G., Allen, N.E., Lujan-Barroso, L., Gonzalez, C.A., Key, T.J., Fonseca-Nunes, A., Tjønneland, A., Fønss-Johnsen, N., Overvad, K., Teucher, B., Li, K., Boeing, H., Trichopoulou, A., Oikonomou, E., Sarantopoulou, M., Saieva, C., Krogh, V., Tumino, R., Ricceri, F., Bueno-	2012	Nitrosamines and heme iron and risk of prostate cancer in the European prospective investigation into cancer and nutrition	Cancer Epidemiol Biomarkers Prev (2012) Vol. 21(3), pp. 547-51	N	N/A	N/A	Effects of nitrosamines and heme iron intake in prostate cancer; no relevant endpoints investigated

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	de-Mesquita, H.B., Huerta, J.M., Ardanaz, E., Arguelles, M.V., Molina-Montes, E., Larrañaga, N., Wirfält, E., Wallström, P., Johansson, M., Stattin, P., Khaw, K.T., Jenab, M., Fedirko, V., Riboli, E.							
686.	Jalbert, J; Rodriguez-Celis, E; Duchesne, S; Morin, B; Ryadi, M; Gilbert, R	2015	Kinetics of the production of chain-end groups and methanol from the depolymerization of cellulose during the ageing of paper/oil systems. Part 3: extension of the study under temperature conditions over 120 °C	Cellulose 22.1 (Feb 2015): 829-848.	N	N/A	N/A	Kinetics of the depolymerization of cellulose during the ageing of paper/oil systems
687.	James, C.P., Germain, E., Judd, S.	2014	Micropollutant removal by advanced oxidation of microfiltered secondary effluent for water reuse	Separation and Purification Technology (2014) Vol. 127, pp. 77-83	N	N/A	N/A	Micropollutant removal from wastewater
688.	Jang, J.Y., Cheng, C.H., Huang, X.Y., Lee, C.I., Leu, C.H.	2012	Optimal design of parallel channel patterns in a micro methanol steam reformer	International Journal of Hydrogen Energy (2012) Vol. 37(22), pp. 16974-16985	N	N/A	N/A	Performance of micro methanol steam reformers
689.	Jang, J.Y., Huang, Y.X., Cheng, C.H.	2010	The effects of geometric and operating conditions on the hydrogen production performance of a micro-methanol steam reformer	Chemical Engineering Science (2010) Vol. 65(20), pp. 5495-5506	N	N/A	N/A	Hydrogen production performance of a micro-methanol steam reformer

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690.	Janus, T., Borowiak, K.S., Pabisiak, K., Machoy-Mokrzynska, A., Swiniarski, A., Rozwadowski, Z.	2005	¹ H nuclear magnetic resonance spectroscopic investigation of urine for diagnostic and clinical assessment of methanol intoxication	Basic & Clin Pharmacology & Toxicology (2005) Vol. 97(4), pp. 257-260	N	N/A	N/A	Analytical detection of methanol in urine
691.	Jasim, G., Al-Zubaidy, A.A., Hussein, S.M., Sahib, H.B., Ahmed, B.	2015	The acute toxicity of <i>Commiphora molmol</i> oleo-gum-resin methanol extract	International Journal of Pharmaceutical Sciences Review and Research (2015) Vol. 33(1), pp. 109-114	N	N/A	N/A	Plant extract toxicity
692.	Jasper, J.T., Sedalk, D.L.	2013	Phototransformation of wastewater-derived trace organic contaminants in open-water unit process treatment wetlands	Environ Sci Technol (2013) Vol. 47(19), pp. 10781-10790	N	N/A	N/A	Assessment of open-water unit process treatment wetlands
693.	Jawad, I.M.	2012	Estimation of nitrite, nitrate and N-nitrosamines in selected food samples	Pakistan Journal of Nutrition (2012) Vol. 11(5), pp. 481-483	N	N/A	N/A	Detection of nitrosamines in foodstuffs
694.	Jedlovsky, P., Pártay, L.H., Paul N.M., Picaud, S., von Hessberg, P., Crowley, J.N.	2006	Determination of the adsorption isotherm of methanol on the surface of ice. An experimental and grand canonical Monte Carlo simulation study	Journal of the American Chemical Society 128.47 (Nov 29, 2006): 15300-9	N	N/A	N/A	Adsorption isotherm of methanol on ice
695.	Jenkins, D.H., McCallum, D.A., Ruzbacky, R., Saunders, S., Brent, A.K.	2007	Air stripping of ammonia and methanol in a bubble-cap column	Environmental Progress 26.4 (Dec 2007): 365	N	N/A	N/A	Removal of methanol for a plant wastewater stream

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696.	Jeon, Y E; Kim, J K; Xing F Y; Ju-Woon, L; Jin-Sik N; Il-Jun, K	2011	Oral toxicity study on the 90-day repeated-dose of 50 kGy irradiated methanol extract powder of red ginseng	Journal of the Korean Society of Food Science and Nutrition 40.6 (2011): 824-831	N	N/A	N/A	Toxicity of ginseng extract
697.	Jeong, D., Yang, W.S., Yang, Y., Nam, G., Kim, J.H., Yoon, D.H., Noh, H.J., Lee, S., Kim, T.W., Sung, G.H., Cho, J.Y.	2013	In vitro and in vivo anti-inflammatory effect of <i>Rhodymyrtus tomentosa</i> methanol extract	J Ethnopharmacol (2013) Vol. 146(1), pp. 205-13	N	N/A	N/A	In vitro and in vivo anti-inflammatory effect of plant extracts
698.	Jeong, H.Y., Sung, G.H., Kim, J.H., Yoon, J.Y., Yang, Y., Park, J.G., Kim, S.H., Yi, Y.S., Yang, W.S., Yoon, D.H., Kim, T.W., Kim, J.H., Cho, J.Y.	2014	Syk and Src are major pharmacological targets of a <i>Cerbera manghas</i> methanol extract with kaempferol-based anti-inflammatory activity	J Ethnopharmacol (2014) Vol. 151(2), pp. 960-9	N	N/A	N/A	Pharmacological targets of plant extracts
699.	Jeremias, F; Fröhlich, D; Janiak, C; Henninger, S K.	2014	Water and methanol adsorption on MOFs for cycling heat transformation processes	New Journal of Chemistry 38.5 (May 2014): 1846-1852.	N	N/A	N/A	Cycling heat transformation processes
700.	Jeroro, E., Vohts, J.M.	2008	Zn modification of the reactivity of Pd(111) toward methanol and formaldehyde	Journal of the American Chemical Society 130.31 (2008): 10199-10207	N	N/A	N/A	Adsorption and reaction of methanol on PdZn alloys
701.	Jesus, N Z T; Silva Júnior, I F; Lima, J C S; Colodel, E M; Martins, D T O	2012	Hippocratic screening and subchronic oral toxicity assessments of the methanol extract of <i>Vatairea macrocarpa</i> heartwood in rodents	Brazilian Journal of Pharmacognosy 22.6 (2012): 1308-1314.	N	N/A	N/A	Subchronic oral toxicity of plant extracts

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702.	Ji, L., Schüürmann, G.	2012	Computational evidence for α -nitrosamino radical as initial metabolite for both the P450 dealkylation and denitrosation of carcinogenic nitrosamines	J Phys Chem B (2012) Vol. 116(2), pp. 903-12	N	N/A	N/A	Dealkylation and denitrosation of carcinogenic nitrosamines; no relevant endpoints investigated
703.	Ji, S.M., Borse, P.H., Kim, H.G., Hwang, D.W., Jang, J.S., Bae, S.W., Lee, J.S.	2005	Photocatalytic hydrogen production from water-methanol mixtures using N-doped Sr ₂ Nb ₂ O ₇ under visible light irradiation: effects of catalyst structure	PCCP 7.6 (Mar 21, 2005): 1315-21	N	N/A	N/A	Photocatalytic hydrogen production from water-methanol mixtures
704.	Ji, Z; Shen, X; Zhu, G; Chen, K; Fu, G; Tong, L	2012	Enhanced electrocatalytic performance of Pt-based nanoparticles on reduced graphene oxide for methanol oxidation	Journal of electroanalytical chemistry (Aug 15, 2012): 95-100.	N	N/A	N/A	Enhanced electrocatalytic performance of Pt-based nanoparticles
705.	Jia, Y., Zhang, Q.X., Pan, H.T., Dong, L.L.	2010	Dwarfing effects of paclobutrazol, chlormequat and daminozide applications on potted <i>Primula forbesii</i> Franch	Journal of Beijing Forestry University (2010) Vol. 32(4), pp. 218-222	N	N/A	N/A	Efficacy study
706.	Jia, Z., Wang, Y., Qi, T.	2015	Pd nanoparticles supported on Mg-Al-CO ₃ layered double hydroxide as an effective catalyst for methanol electro-oxidation	RSC Advances (2015) Vol. 5, pp. 62142-62148	N	N/A	N/A	Pd nanoparticles as a catalyst for methanol electro-oxidation
707.	Jiang, H., Lai, Y., Hu, K., Wei, Q., Liu, Y.	2014	Human CYP2E1-dependent and human sulfotransferase 1A1-modulated induction of micronuclei by benzene and its hydroxylated metabolites in Chinese hamster V79-derived cells	Mutation Research (2014) Vol. 770, pp. 37-44	N	N/A	N/A	Benzene and metabolite induction of micronuclei

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708.	Jiang, J., Aulich, T.	2012	Intermediate-temperature alkaline methanol fuel cell	ECS Transactions (2012) Vol. 41(11), pp. 27-35	N	N/A	N/A	Intermediate-temperature alkaline methanol fuel cell
709.	Jiang, J., Aulich, T.	2012	High activity and durability of Pt catalyst toward methanol electrooxidation in intermediate temperature alkaline media	Journal of Power Sources 209 (Jul 1, 2012): 189-194.	N	N/A	N/A	Activity and durability of catalyst toward methanol electrooxidation in alkaline media
710.	Jiang, X; Koizumi, N; Guo, X; Song, C	2015	Bimetallic Pd–Cu catalysts for selective CO ₂ hydrogenation to methanol	Applied Catalysis, B: Environmental 170-171 (2015): 173-185.	N	N/A	N/A	Catalysts for CO ₂ hydrogenation to methanol
711.	Jiang, Y., Chen, Y., Zhu, J., Qu, B.	2009	Highly efficient micropropagation system and in vitro germ plasm preservation for <i>Ledum palustre</i> var. angustum N. Bush	Xinan Daxue Xuebao, Ziran Kexueban (2009) Vol. 31(2), pp. 118-123	N	N/A	N/A	Micropropagation and in vitro germ plasm preservation for <i>L. palustre</i>
712.	Jimoh, F.O., Adedapo, A.A., Afolayan, A.J.	2010	Comparison of the nutritional value and biological activities of the acetone, methanol and water extracts of the leaves of <i>Solanum nigrum</i> and <i>Leonotis leonorus</i>	Food and Chemical Toxicology (2010) Vol. 48(3), pp. 964-71	N	N/A	N/A	Nutritional value and biological activities of plant extracts
713.	Jin, D.F., Zhu, B., Hou, Z., Fei, J., Hui, L., Zheng, X.	2007	Dimethyl ether synthesis via methanol and syngas over rare earth metals modified zeolite Y and dual Cu-Mn-Zn catalysts	Fuel 86.17/18 (2007): 2707-2713	N	N/A	N/A	Dimethyl ether synthesis

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714.	Jin, M., Huang, W., Chen, W., Gao, Z.	2013	Comparative study of different animal models of hepatic fibrosis reproduced by different drugs and evaluation of effect of Kaishi injection in prevention of fibrosis	Med J Chin PLA (2013) Vol. 38(9), pp. 714-719	N	N/A	N/A	Modelling of hepatic fibrosis and evaluation of effect of Kaishi injection
715.	Jin, M., Ma, H.	2013	Catalytic activity of porous Pd-Ni thin foam towards electrooxidation of methanol	Journal of New Materials for Electrochemical Systems (2013) Vol. 16(1), pp. 1-4	N	N/A	N/A	Catalytic activity of porous Pd-Ni thin foam
716.	Jin, W., Zhou, J., Chen, B., Zhu, X., Cui, C.	2012	Modeling volatilization and adsorption of disinfection byproducts in natural watersheds	J Environ Monit (2012) Vol. 14(11), pp. 2990-9	N	N/A	N/A	Modelling of disinfection byproducts in natural watersheds
717.	Jin, X., He, B., Miao, J., Yuan, J., Zhang, Q., Niu, L.	2012	Stabilization and dispersion of PtRu and Pt nanoparticles on multiwalled carbon nanotubes using phosphomolybdic acid, and the use of the resulting materials in a direct methanol fuel cell	Carbon (2012) Vol. 50(8), pp. 3083-3091	N	N/A	N/A	Stabilization and dispersion of nanoparticles on multiwalled carbon nanotubes for methanol fuel cells
718.	Jin, X., Yang, Z., Yu, Q., Huang, X.	2007	Effect of plant growth retardants on growth characters of lawn bermudan grass	Caoye Kexue (2007) Vol. 24(6), pp. 90-95	N	N/A	N/A	Efficacy study
719.	Jin, Y., Veiga, M.C., Kennes, C.	2007	Co-treatment of hydrogen sulfide and methanol in a single-stage biotrickling filter under acidic conditions	Chemosphere 68.6 (Jun 2007): 1186-93	N	N/A	N/A	Treatment of waste gases from paper industry waste

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720.	Jin, Y., Veiga, M.C., Kennes, C.	2008	Removal of methanol from air in a low-pH trickling monolith bioreactor	Process Biochemistry 43.9 (Sep 2008): 925-931	N	N/A	N/A	Removal of methanol from air
721.	Jin, Y.L., Zhou, Q., Tian, C., Liu, H.G., Hayashi, Y., Enzan, H.	2012	Effects of mast cells on degradation of collagen fibers in dimethylnitrosamine-induced hepatic fibrosis of rat	Zhonghua Bing Li Xue Za Zhi (2012) Vol. 41(4), pp. 260-4	N	N/A	N/A	Contribution of mast cells to the patho-genesis of liver fibrosis and degradation of fibrosis
722.	Jobara, K., Kaido, T., Hori, T., Iwaisako, K., Endo, K., Uchida, Y., Uemoto, S.	2014	Whey-hydrolyzed peptide-enriched immunomodulating diet prevents progression of liver cirrhosis in rats	Nutrition (2014) Vol. 30(10), pp. 1195-1207	N	N/A	N/A	Antifibrotic effects of WHP in a rat cirrhosis model
723.	John Peter Paul, J.	2014	Screening of antipyretic activity of methanol extract of <i>Gracilaria corticata</i> J.Ag. (red seaweed) in Hare Island, Thoothukudi, Tamil Nadu, India	Asian Journal of Pharmaceutical and Clinical Research 7.3 (Jul 2014 - Sep 2014): 142-144.	N	N/A	N/A	Antipyretic activity of plant extracts
724.	Jones, G.R., Singer, P.P., Rittenbach, K.	2007	The relationship of methanol and formate concentrations in fatalities where methanol is detected	J Forensic Sci (2007) Vol. 52(6), pp. 1376-82	N	N/A	N/A	Analytical detection of formic acid in postmortem species
725.	Ju, H.K., Chung, H.W., Lee, H.S., Lim, J., Park, J.H., Lim, S.C., Kim, J.M., Hong, S.S., Kwon, S.W.	2013	Investigation of metabolite alteration in dimethylnitrosamine-induced liver fibrosis by GC-MS	Bioanalysis (2013) Vol. 5(1), pp. 41-51	N	N/A	N/A	Metabolite alteration in NDMA-induced liver fibrosis

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726.	Juang, R; Yeh, C	2014	Adsorptive recovery and purification of prodigiosin from methanol/water solutions of <i>Serratia marcescens</i> fermentation broth	Biotechnology and Bioprocess Engineering 19.1 (Feb 2014): 159-168.	N	N/A	N/A	Adsorptive recovery and purification of prodigiosin
727.	Juasook, A., Boonmars, T., Wu, Z., Loilhome, W., Veteewuthacharn, K., Namwat, N., Sudsarn, P., Wonkchalee, O., Sriraj, P., Aukkanimart, R.	2013	Immunosuppressive prednisolone enhances early cholangiocarcinoma in Syrian hamsters with liver fluke infection and administration of N-nitrosodimethylamine	Pathol Oncol Res (2013) Vol. 19(1), pp. 55-62	N	N/A	N/A	Cancer-related inflammation from cholangio-carcinogenesis; no relevant endpoints investigated
728.	Juassok, A., Akkanimart, R., Boonmars, T., Sudsarn, P., Wonkchalee, N., Laummaunwai, P., Sriraj, P.	2013	Tumor-related gene changes in immunosuppressive Syrian hamster cholangiocarcinoma	Pathol Oncol Res (2013) Vol. 19(4), pp. 785-94	N	N/A	N/A	Gene changes in immuno-suppressive cholangio-carcinoma
729.	Judson, R.S., Houck, K.A., Kavlock, R.J., Knudsen, T.B., Martin, M.T., Mortensen, H.M., Reif, D.M., Rotroff, D.M., Shah, I. et al	2010	In vitro screening of environmental chemicals for targeted testing prioritization: The Toxcast project	Environmental Health Perspectives (2010) Vol. 118, No. 4, pp. 485-492	N	N/A	N/A	Evaluation of in vitro assays
730.	Jung, H., Kim, J.H., Mulholland, G.W., Piu, D.Y.H.	2012	Re-evaluation of the slip correction parameter of certified PSL spheres using a nanometer differential mobility analyzer (NDMA)	Journal of Aerosol Science (2012) Vol. 51, pp. 24-34	N	N/A	N/A	Re-evaluation of the slip correction parameter of certified PSL spheres

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731.	Jung, H.W., Kin, G.Z., Kim, S.Y., Kim, Y.S., Park, Y.K.	2009	Neuroprotective effect of methanol extract of Phellodendri Cortex against 1-methyl-4-phenylpyridinium (MPP+)-induced apoptosis in PC-12 cells	Cell Biol Int (2009) Vol. 33(9), pp. 957-63	N	N/A	N/A	Neuroprotective effect of herbal medicine extract
732.	Jung, N., Cho, Y.H., Ahn, M., Lim, J.W., Kang, Y.S., Chung, D.Y., Kim, J., Cho, Y.H., Sung, Y.E.	2011	Methanol-tolerant cathode electrode structure composed of heterogeneous composites to overcome methanol crossover effects for direct methanol fuel cell	International Journal of Hydrogen Energy (2011) Vol. 36(24), pp. 15731-15738	N	N/A	N/A	Methanol-tolerant cathode electrode structure
733.	Jurado-Sánchez, B., Ballesteros, E., Gallego, M.	2012	Occurrence of aromatic amines and N-nitrosamines in the different steps of a drinking water treatment plant	Water Res (2012) Vol. 46(14), pp. 4543-55	N	N/A	N/A	Evaluation of the occurrence of nitrosamines in a water treatment plant
734.	Jurado-Sánchez, B., Ballesteros, E., Gallego, M.	2013	Comparison of microwave assisted, ultrasonic assisted and Soxhlet extractions of N-nitrosamines and aromatic amines in sewage sludge, soils and sediments	Sci Total Environ (2013) Vol. 463-464, pp. 293-301	N	N/A	N/A	Analytical method for detection of nitrosamines in sewage sludge, soil and sediment

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735.	Jurzinsky, T; Bär, R; Cremers, C; Tübke, J; Elsner, P	2015	Highly active carbon supported palladium-rhodium PdXRh/C catalysts for methanol electrooxidation in alkaline media and their performance in anion exchange direct methanol fuel cells (AEM-DMFCs)	Electrochimica Acta 176 (2015): 1191-1201.	N	N/A	N/A	Catalysts for methanol electrooxidation in alkaline media
736.	Justin, P., Rao, G.R.	2009	Enhanced activity of methanol electro-oxidation on Pt-V2O5/C catalysts	Catalysis Today (2009) Vol. 141(1-2), pp. 138-143	N	N/A	N/A	Enhanced catalytic activity of methanol electro-oxidation
737.	Kabiru, A; Muhammad, D N; Bello, M B; Akpojo, A J; YamMun, F; Oricha, B S; Yusoff A; Yee H; Ahmad, M; Zaini M A	2015	28-day oral toxicity study of <i>Pseudocedrela kotschy</i> methanol extract in Sprague-Dawley rats.	European Journal of Medicinal Plants 10.3 (2015): EJMP.20199.	N	N/A	N/A	Toxicity of plant extracts to rats
738.	Kadmi, T., Favier, L., Soutrel, I., Lemasle, M., Wolbert, D.	2014	Ultratrace-level determination of N-Nitrosodimethylamine, N-Nitrosodiethylamine, and N-Nitrosomorpholine in waters by solid-phase extraction followed by liquid chromatography-tandem mass spectrometry	Central European Journal of Chemistry (2014) Vol. 12, pp. 928-936	N	N/A	N/A	Analytical detection of nitrosamines in water
739.	Kagbo, H D; Aduku, O	2015	Evaluation of anti-ulcer effects of the methanol extract of <i>Mangifera indica</i> L stem bark.	European Journal of Medicinal Plants 7.1 (2015): 1-6.	N	N/A	N/A	Anti-ulcer effects of plant extracts

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
740.	Kagbo, H.D., Ejebe, D.E.	2010	Phytochemistry and preliminary toxicity studies of the methanol extract of the stem bark of <i>Garcinia kola</i> (Heckel)	Internet Journal of Toxicology 7.2 (2010)	N	N/A	N/A	Phytochemistry and toxicity of plant extracts
741.	Kahar, S.Ab.	2008	Effects of frequency and concentration of B-9 (daminozide) on growth, flowering and flower quality of 'Reagan Sunny' chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat)	ISHS Acta Horticulturae 788: International Workshop on Ornamental Plants	N	N/A	N/A	Efficacy study
742.	Kahler, K., Holz, M.C., Rohe, M., van Veen, A.C., Muhler, M.	2013	Methanol oxidation as probe reaction for active sites in Au/ZnO and Au/TiO ₂ catalysts	Journal of Catalysis (2013) Vol. 299, pp. 162-170	N	N/A	N/A	Methanol oxidation used to investigate influence of the metal and interactions in catalysts
743.	Kajitvichyanukul, P., Lu, M-C., Jamroensan, A.	2008	Formaldehyde degradation in the presence of methanol by photo-Fenton process	Journal of environmental management 86.3 (Feb 2008): 545-53	N	N/A	N/A	Formaldehyde degradation in the presence of methanol
744.	Kakimoto, Y., Naetoko, Y., Iwasaki, Y., Nakamura, S., Tatsuguchi, H.	2005	Multiresidue methods for determination of pesticides in fruits and vegetables by GC/MS (SCAN) and LC/MS (SIM)	Shokuhin Eiseigaku Zasshi (2005) Vol. 46(4), pp. 153-60	N	N/A	N/A	Analytical method for detection of pesticides in foodstuffs

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745.	Kalyuhznaya, M.G., Martens-Habben, W., Wang, T., Hackett, M., Stolyar, S.M., Stahl, D.A., Lidstrom, M.E., Chistoserdova, L.	2009	Methylophilaceae link methanol oxidation to denitrification in freshwater lake sediment as suggested by stable isotope probing and pure culture analysis	Environmental microbiology reports 1.5 (Oct 2009): 385-92	N	N/A	N/A	Assessment for potential for denitrification linked to methanol consumption in a microbial community in sediment
746.	Kamaloo, E., Deskins, N.A., Kazantzis, N., Thompson, R.W.	2013	Molecular modeling of adsorbed NDMA and water in MFI zeolites	Microporous and Mesoporous Materials (2013) Vol. 182, pp. 198-206	N	N/A	N/A	Molecular modelling of adsorbed NDMA
747.	Kamarei, F; Vajda, P; Guiochon, G	2013	Comparison of large scale purification processes of naproxen enantiomers by chromatography using methanol-water and methanol-supercritical carbon dioxide mobile phases	Journal of chromatography. A 1308 (Sep 20, 2013): 132-8.	N	N/A	N/A	Comparison of large scale purification processes of naproxen enantiomers
748.	Kamisan, F H; Yahya, F; Mamat, S S; Kamarolzaman, M F F; Mohtarrudin, N; Kek, T L; Salleh, M Z; Hussain, M K; Zakaria, Z A	2014	Effect of methanol extract of <i>Dicranopteris linearis</i> against carbon tetrachloride-induced acute liver injury in rats	BMC complementary and alternative medicine 14 (Apr 4, 2014): 123.	N	N/A	N/A	Effects of plant extracts against acute liver injury in rats
749.	Kan, A.T., Fu, G., Tomson, M.B.	2005	Adsorption and precipitation of an aminoalkylphosphonate onto calcite	J Colloid Interface Sci (2005) Vol. 281(2), pp. 275-84	N	N/A	N/A	Adsorption and precipitation of an aminoalkyl-phosphonate onto calcite

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750.	Kanchana, S; Vennila, R; Kumar, K R; Arumugam, M; Balasubramanian, T	2014	Antagonistic and cyto-toxicity activity of mollusc methanol extracts	Journal of Biological Sciences 14.1 (2014): 60-66.	N	N/A	N/A	Antagonistic and cyto-toxicity activity of mollusc extracts
751.	Kandoi, S., Greeley, J., Sanchez-Castillo, M.A., Evans, S.T., Gokhale, A.A., Dumesic, J.A., Mavrikakis, M.	2006	Prediction of experimental methanol decomposition rates on platinum from first principles	Topics in Catalysis (2006) Vol. 37(1), pp. 17-28	N	N/A	N/A	Prediction of experimental methanol decomposition rates
752.	Kang, L., Han, K.	2010	Adsorption and dehydrogenation of methanol on alkali-cation-exchanged zeolite: a first-principles density functional study	Microporous and Mesoporous Materials 127.1/2 (2010): 90-95	N	N/A	N/A	Adsorption and dehydrogenation of methanol on zeolite
753.	Kang, S; Jung, D; Shin, J; Lim, S; Kim, S; Shul, Y; Peck, D	2013	Long-term durability of radiation-grafted PFA-g-PSSA membranes for direct methanol fuel cells	Journal of Membrane Science 447 (Nov 5, 2013): 36-42.	N	N/A	N/A	Membranes for direct methanol fuel cells
754.	Kanninen, P; Borghei, M; Sorsa, O; Pohjalainen, E; Kauppinen, E I; Ruiz, V; Kallio, T	2014	Highly efficient cathode catalyst layer based on nitrogen-doped carbon nanotubes for the alkaline direct methanol fuel cell	Applied Catalysis, B: Environmental 156-157 (2014): 341-349.	N	N/A	N/A	Cathode catalyst layer for direct methanol fuel cell
755.	Kano, Y.	2004	Effects of SADH treatment on cell size and types of sugars accumulated in melon fruits	Journal of Horticultural Science and Biotechnology (2004) Vol. 79, pp. 14-17	N	N/A	N/A	Effects of PGRs on melons

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756.	Kansal, S., Negi, A.K., Bhatnagar, A., Agnihotri, N.	2012	Ras signaling pathway in the chemopreventive action of different ratios of fish oil and corn oil in experimentally induced colon carcinogenesis	Nutr Cancer (2012) Vol. 64(4), pp. 559-68	N	N/A	N/A	Chemopreventive action of fish oil and corn oil in colon carcinogenesis
757.	Kantoglu, O., Ergun, E.	2015	Degradation of morphine and codeine by gamma radiation in methanol solution	Radiochimica Acta (2015) Vol. 103(2), doi: 10.1515/ract-2014-2284	N	N/A	N/A	Degradation of morphine and codeine by gamma radiation
758.	Kanungo, J; Anderson, M; Darmastuti, Z; Basu, S; Käll, P; Ojamäe, L; Spetz, A L	2011	Development of SiC-FET methanol sensor	Sensors & Actuators: B. Chemical 160.1 (Dec 15, 2011): 72-78.	N	N/A	N/A	Development of SiC-FET methanol sensor
759.	Kao, H.W., Chen, C.L., Chang, W.Y., Chen, J.T., Lin, W.J., Liu, R.S., Wang, H.E.	2013	F-18-FBHGal for asialoglycoprotein receptor imaging in a hepatic fibrosis mouse model	Bioorg Med Chem (2013) Vol. 21(4), pp. 912-21	N	N/A	N/A	No relevant endpoints investigated
760.	Kar, S., Roy, K.	2012	First report on development of quantitative interspecies structure-carcinogenicity relationship models and exploring discriminatory features for rodent carcinogenicity of diverse organic chemicals using OECD guidelines	Chemosphere (2012) Vol. 87(4), pp. 339-55	N	N/A	N/A	Development of QSAR models to determine carcinogenicity
761.	Karadeniz, H., Birincioglu, I.	2011	Methyl alcohol poisoning in Trabzon (Turkey)	J Forensic Sci (2011) Vol. 56(3), pp. 822-4	N	N/A	N/A	Methanol poisoning in Turkey

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762.	Karami, M., Naghshvar, F., Saeidnia, S., Omrani, N.	2010	Hepatotoxicity of aqueous extract and fractionated methanol extract of <i>Phytolacca americana</i> by isolated rat liver perfusion system	African Journal of Biotechnology 9.8 (Feb 22, 2010): 1211-1217	N	N/A	N/A	Hepatotoxicity of plant extracts
763.	Karasmaloglu, M C	2014	Investigation of the cytotoxic and genotoxic effects of <i>Artemisia annua</i> methanol extract with the Allium test.	Ekoloji 23.91 (2014): 64-74.	N	N/A	N/A	Cytotoxic and genotoxic effects of plant extracts
764.	Karim, N A; Kamarudin, S K; Shyuan, L K; Yaakob, Z; Daud, W.R.W; Kadhum, A.A.H.	2015	Study on the electronic properties and molecule adsorption of W18O49 nanowires as a catalyst support in the cathodes of direct methanol fuel cells	Journal of Power Sources 288 (2015): 461-472.	N	N/A	N/A	Catalysts in the cathodes of direct methanol fuel cells
765.	Karimi, G.H., Hassanzadeh, M., Shahidi, N., Samie, Z.	2008	Quantitative determination of methanol in plant water produced in Mashhad by spectrophotometry method	Journal of Medicinal Plants 7.25 (2008): 56-59, 122	N	N/A	N/A	Analytical detection of methanol in water
766.	Karimi, M., Hashemi, J., Ahmadi, A., Abbasi, A., Pompeiano, A., Tavarini, S., Guglielminetti, L., Angelini, L.G.	2015	Opposing effects of external gibberellin and daminozide on <i>Stevia</i> growth and metabolites	Appl Biochem Biotechnol (2015) Vol. 175(2), pp. 780-91	N	N/A	N/A	Effects of gibberellins and daminozide on <i>Stevia</i> growth and metabolites
767.	Karl, M., Castell, N., Simpson, D., Solberg, S., Starrfelt, J., Svendby, T., Walker, S-E., Wright, R.F.	2014	Uncertainties in assessing the environmental impact of amine emissions from a CO2 capture plant	Atmos Chem Phys (2014) Vol. 14, pp. 8533-8557	N	N/A	N/A	Assessment of environmental impact of amine emissions

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768.	Karlovic, K., Vresk, I., Sindark, Z., Zidovec, V.	2004	Influence of growth regulators on the height and number of inflorescence shoots in the chrysanthemum cultivar 'Revert'	Agriculturae Conspectus Scientificus (2004) Vol. 69(2/3), pp. 63-66	N	N/A	N/A	Efficacy study
769.	Karp, E M; Silbaugh, T L; Crowe, M C; Campbell, C T	2012	Energetics of adsorbed methanol and methoxy on Pt(111) by microcalorimetry	Journal of the American Chemical Society 134.50 (Dec 19, 2012): 20388-95.	N	N/A	N/A	Adsorption and sticking probability of methanol on Pt(111)
770.	Karunaratne, M.C., Knisley, T.J., Tunstall, G.S., Heeg, M.J., Winter, C.H.	2013	Exceptional thermal stability and high volatility in mid to late first row transition metal complexes containing carbonylhydrazide ligands	Polyhedron (2013) Vol. 52, pp. 820-830	N	N/A	N/A	No relevant endpoints investigated
771.	Kassem, A S; Ahmed, A M; Tariq, M R	2014	Study of saponins in methanol extract of the leaves of <i>Acacia etbaica</i> subspecies etbaica	Research Journal of Pharmaceutical, Biological and Chemical Sciences 5.3 (2014): 803-810.	N	N/A	N/A	Saponins in plant extracts
772.	Kaufmann, A., Dvorak, V., Crüzer, C., Butcher, P., Maden, K., Walker, S., Widmer, M., Schürmann, A.	2012	Study of high-resolution mass spectrometry technology as a replacement for tandem mass spectrometry in the field of quantitative pesticide residue analysis	J AOAC Int (2012) Vol. 95(2), pp. 528-48	N	N/A	N/A	Analytical method for pesticide residue analysis
773.	Kazaz, S., Askin, M.A., Kilic, S., Ersoy, N.	2010	Effects of day length and daminozide on the flowering, some quality parameters and chlorophyll content of <i>Chrysanthemum morifolium</i> Ramat	Scientific Research and Essays (2010) Vol. 5(21), pp. 3281-3288	N	N/A	N/A	Efficacy study

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774.	Keever, G.J., Clark, J.B., Morrison, T.A.	2005	Growth regulation of Vinca minor	Journal of Environmental Horticulture (2005) Vol. 23(1), pp. 14-16	N	N/A	N/A	Efficacy study
775.	Keever, G.J., Kessler, J.R. Jr, Stephenson, J.C.	2010	Growth retardant use on herbaceous perennials grown under night-interrupted lighting outdoors in the Southern United States	Journal of Environmental Horticulture (2010) Vol. 28(2), pp. 96-102	N	N/A	N/A	Efficacy study
776.	Keever, G.J., Kessler, J.R. Jr, Stephenson, J.C.	2013	Response of herbaceous perennials to growth retardants applied at different development stages when grown under night-interrupted lighting outdoors in the Southern United States	Journal of Environmental Horticulture (2013) Vol. 31(2), pp. 101-108	N	N/A	N/A	Efficacy study
777.	Keiko, N.A., Vischko, N.V., Larina, L.I., Chernyshev, K.A.	2012	Methylglyoxal bis-(N,N-dimethylhydrazine): Synthesis and some reactions	Russian Journal of General Chemistry (2012) Vol. 82(1), pp. 77-81	N	N/A	N/A	No relevant endpoints investigated
778.	Kenessov, B., Alimzhanova, M., Sailaukhanuly, Y., Baimatova, N., Abilev, M., Batyrbekova, S., Carlsen, L., Tulegenov, A., Nauryzbayev, M.	2012	Transformation products of 1,1-dimethylhydrazine and their distribution in soils of fall places of rocket carriers in Central Kazakhstan	Sci Total Environ (2012) Vol. 427-428, pp. 78-85	N	N/A	N/A	Transformation products of 1,1-dimethyl-hydrazine and their soil distribution

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779.	Kepenak, K., Karoglu, Z.	2011	The effects of paclobutrazol and daminozide on in vitro micropropagation of some apple (<i>Malus domestica</i>) cultivars and M9-rootstock	African Journal of Biotechnology (2011) Vol. 10(24), pp. 4851-4859	N	N/A	N/A	Efficacy study
780.	Kessler, J.R. Jr, Keever, G.J.	2007	Plant growth retardants affect growth and flowering of <i>Coreopsis verticillata</i> 'Moonbeam'	Journal of Environmental Horticulture (2007) Vol. 25(4), pp. 229-233	N	N/A	N/A	Efficacy study
781.	Kessler, J.R. Jr, Keever, G.J.	2008	Plant growth retardants affect growth and flowering of <i>Achillea</i> x 'Coronation Gold'	Journal of Environmental Horticulture (2008) Vol. 26(1), pp. 24-28	N	N/A	N/A	Efficacy study
782.	Keszei, A.P., Goldbohm, R.A., Schouten, L.J., Jakszyn, P., van den Brandt, P.A.	2013	Dietary N-nitroso compounds, endogenous nitrosation, and the risk of esophageal and gastric cancer subtypes in the Netherlands Cohort Study	Am J Clin Nutr (2013) Vol. 97(1), pp. 135-46	N	N/A	N/A	Relationship between esophageal and gastric cancer and dietary intake of NDA, heme iron, nitrite and nitrate
783.	Keszei, A.P., Schouten, L.J., Driessen, A.L., Huysentruyt, C.J., Keulmans, Y.C., van den Brandt, P.A.	2013	Meat consumption and the risk of Barrett's esophagus in a large Dutch cohort	Cancer Epidemiol Biomarkers Prev (2013) Vol. 22(6), pp. 1162-6	N	N/A	N/A	Meat consumption and the risk of Barrett's esophagus
784.	Kevin, L Y W; Hussin, A H; Zhari, I; Chin, J H	2012	Sub - aute oral toxicity study of methanol leaves extract of <i>Catharanthus roseus</i> in rats	Journal of Acute Disease 1.1 (2012): 38-41.	N	N/A	N/A	Toxicity of plant extracts

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785.	Khakharia, P., Kvamsdal, H.M., da Silva, E.F., Vlught, T.J.H., Goetheer, E.	2014	Field study of a Brownian Demister Unit to reduce aerosol based emission from a post combustion CO2 capture plant	International Journal of Greenhouse Gas Control (2014) Vol. 28, pp. 57-64	N	N/A	N/A	Reductions in aerosol based emissions from a CO2 capture plant
786.	Khaleel, A; Shehadi, I; Al-Marzouqi, A	2011	Catalytic conversion of chloromethane to methanol and dimethyl ether over mesoporous gamma - alumina	Fuel Processing Technology 92.9 (Sep 2011): 1783-1789.	N	N/A	N/A	Catalytic conversion of chloromethane to methanol and dimethyl ether
787.	Khan, A.I., Ragavan, A., Fong, B., Markland, C., O'Brien, M., Dunbar, T.G., Williams, G.R., O'Hare, D.	2009	Recent developments in the use of layered double hydroxides as host materials for the storage and triggered release of functional anions	Ind Eng Chem Res (2009) Vol. 48(23), pp. 10196-10205	N	N/A	N/A	Use of layered double hydroxides as host materials for storage and release of functional anions
788.	Khan, M R; Afzaal, M; Saeed, N; Shabbir, M	2011	Protective potential of methanol extract of <i>Digera muricata</i> on acrylamide induced hepatotoxicity in rats	African Journal of Biotechnology 10.42 (Aug 8, 2011): 8456-8464.	N	N/A	N/A	Protective potential of plant extracts on hepatotoxicity in rats
789.	Khan, M.N., Choi, J.S., Lee, M.C., Kim, E., Nam, T.J., Fujii, H., Hong, Y.K.	2008	Anti-inflammatory activities of methanol extracts from various seaweed species	J Environ Biol (2008) Vol. 29(4), pp. 465-9	N	N/A	N/A	Anti-inflammatory activities of seaweed extracts
790.	Khanavi, M., Safavi, M., Siavoshi, F., Fallah Tafti, A., Hajimahmoodi, M., Hadjiakhoondi, A., Sh, R., Foroumadi, A.	2008	Evaluation of anti- <i>Helicobacter pylori</i> activity of methanol extracts of some species of Stachys and Melia	Journal of Medicinal Plants 7.28 (Dec 2008): 74-80+145	N	N/A	N/A	Development of plant extracts as antibiotics

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791.	Khanizadeh, S., Gauthier, M., Groleau, Y.	2007	The effects of Alar (acid succinamic 2,2-dimethylhydrazine) on the growth of 11 advanced apple rootstock selections	Food, Agriculture and Environment (2007) Vol. 5(3-4), pp. 228-230	N	N/A	N/A	Efficacy study
792.	Khassin, A A; Jobic, H; Filonenko, G A; Dokuchits, E V; Khasin, A V; Minyukova, T P; Shtertser, N V; Plyasova, L M; Yurieva, T M	2013	Interaction of hydrogen with Cu–Zn mixed oxide model methanol synthesis catalyst	Journal of Molecular Catalysis. A, Chemical (Jul 2013): 151-160.	N	N/A	N/A	Interaction of hydrogen with methanol synthesis catalyst
793.	Khoontawad, J., Hongsrirachan, N., Chamgramol, Y., Pinlaor, P., Wongkham, C., Yongvanit, P., Pairojkul, C., Khuntikeo, N., Roytrakul, S., Boonmars, T., Pinlaor, S.	2014	Increase of exostosin 1 in plasma as a potential biomarker for opisthorchiasis-associated cholangiocarcinoma	Tumour Biol (2014) Vol. 35(2), pp. 1029-39	N	N/A	N/A	Search for potential markers in plasma of hamsters with induced CCA
794.	Kianipour, F; Jalali, A; Mousavi, M; Siahpoosh, A; Sheikh, A F	2013	Evaluation of the mutagenic effect of methanol extract of <i>Adiantum capillus-veneris</i> plant by Ames test.	Jundishapur Scientific Medical Journal 12.5 (2013): 547-559	N	N/A	N/A	Mutagenic effects of plant extracts

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795.	Kikuchi, S., Kobayashi, T., Adachi, S.	2008	Dependences of the distribution coefficients of hydrophobic solutes on porous methyl methacrylate resin on the temperature and methanol content of the eluent	Food Science and Technology Research 14.2 (2008): 144-147	N	N/A	N/A	Distribution coefficients of hydrophobic solutes on porous methyl methacrylate resin
796.	Kilic, S., Kazaz, S., Cavusoglu, K.	2009	Effects of daminozide (Alar 85) treatment on the stomata movements of chrysanthemum (<i>Dendranthema grandiflorum</i> (Ramat.) Kitamura) seedlings grown in different day length conditions	Journal of Animal and Veterinary Advances (2009) Vol. 8(10), pp. 2013-2017	N	N/A	N/A	Effect of daminozide on the physiology of chrysanthemum seedlings
797.	Kim, C., Kwon, H.H., Song, I.K., Sung, Y.E., Chung, W.S., Lee, H.I.	2007	Preparation of PtRu nanoparticles on various carbon supports using surfactants and their catalytic activities for methanol electro-oxidation	Journal of Power Sources (2007) Vol. 171(2), pp. 404-411	N	N/A	N/A	Use of PtRu nanoparticles and their catalytic activities for methanol electro-oxidation
798.	Kim, G.A., Son, H.J., Kim, C.W., Kim, S.H.	2013	Nitrosamine occurrence at Korean surface water using an analytical method based on GC/LRMS	Environ Monit Assess (2013) Vol. 185(2), pp. 1657-69	N	N/A	N/A	Analytical method for detection of nitrosamine in water
799.	Kim, H.J., Yu, M.H., Lee, I.S.	2008	Inhibitory effects of methanol extract of plum (<i>Prunus salicina</i> L., cv. 'Soldam') fruits against benzo(a)pyrene-induced toxicity in mice	Food and Chemical Toxicology 46.11 (Nov 2008): 3407-3413	N	N/A	N/A	Inhibitory effects of plant extracts against toxicity in mice

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800.	Kim, H.S., Je, J.H., Son, T.G., Park, H.R., Ji, S.T., Pokharel, Y.R., Jeon, H.M., Kang, K.W., Kang, H.S., Chang, S.C., Kim, H.S., Chung, H.Y., Lee, J.	2012	The hepatoprotective effects of adenine nucleotide translocator-2 against aging and oxidative stress	Free Radic Res (2012) Vol. 46(1), pp. 21-9	N	N/A	N/A	Investigation into the hepatoprotective effects of ANT
801.	Kim, H.S., Kim, D., Kwak, B.S., Han, G.B., Um, M., Kang, M.	2014	Synthesis of magnetically separable core[at]shell structured NiFe ₂ O ₄ [at]TiO ₂ nanomaterial and its use for photocatalytic hydrogen production by methanol/water splitting	Chemical Engineering Journal (2014) Vol. 243, pp. 272-279	N	N/A	N/A	Synthesis of nanomaterial for photocatalytic hydrogen production by methanol/water splitting
802.	Kim, H.S., Srinivasan, S., Lee, S.S.	2015	Methyloterrigena soli gen. nov., sp. nov., a methanol utilizing bacterium isolated from chloroethylene contaminated soil	International Journal of Systematic and Evolutionary Microbiology (Oct 14, 2015).	N	N/A	N/A	Isolation of a methanol utilising bacterium
803.	Kim, H.Y., Song, J.L., Chang, H.K., Kang, S.A., Park, K.Y., Yun, Y.R., Kim, H.J., Song Y.O.	2014	Kimchi protects against azoxymethane/dextran sulfate sodium-induced colorectal carcinogenesis in mice. Kimchi methanol extract and the kimchi active compound, 3â-(4â-hydroxyl-3â,5â-dimethoxyphenyl)propionic acid, downregulate CD36 in THP-1 macrophages stimulated by oxLDL	Journal of Medicinal Food (2014) Vol. 17(8), pp. 833-841	N	N/A	N/A	Kimchi protection against induced colorectal carcinogenesis in mice

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804.	Kim, I.N., Kim, G.N., Krivosheeva, L.V., Khitrovo, I.A.	2012	Investigation of the contents of carcinogenic compounds in commercial smoked fish	Gig Sanit (2012) Vol. 2, pp. 41-7	N	N/A	N/A	Detection of carcinogens in foodstuffs
805.	Kim, I-T., Park, H-J., Nam, J-H., Park, Y-M., Won, J-H., Choi, J., Choe, B-K., Lee, K-T.	2005	In-vitro and in-vivo anti-inflammatory and antinociceptive effects of the methanol extract of the roots of <i>Morinda officinalis</i>	The Journal of pharmacy and pharmacology 57.5 (May 2005): 607-15	N	N/A	N/A	Anti-inflammatory and antinociceptive effects of plant extracts
806.	Kim, J; Henao, C A; Maravelias, C T; Johnson, T A; Dedrick, D E; Miller, J E; Stechel, E B	2011	Methanol production from CO ₂ using solar-thermal energy: Process development and techno-economic analysis	Energy and Environmental Science 4.9 (Sep 1, 2011): 3122-3132.	N	N/A	N/A	Methanol production from CO ₂ using solar-thermal energy
807.	Kim, J; Kim, M; Hyun, S; Kim, J; Ok, Y S	2012	Sorption of acidic organic solute onto kaolinitic soils from methanol-water mixtures	Journal of environmental science and health. Part. B, Pesticides, food contaminants, and agricultural wastes 47.1 (2012): 22-9.	N	N/A	N/A	Sorption of acidic organic solute onto kaolinitic soils
808.	Kim, J-D., Lee, O-H., Lee, J.S., Jung, H-Y., Kim, B., Park, K-Y.	2014	Safety effects against nitrite and nitrosamine as well as anti-mutagenic potentials of kale and <i>Angelica keiskei</i> vegetable juices	Journal of the Korean Society of Food Science and Nutrition (2014) Vol. 43(8), pp. 1207-1216	N	N/A	N/A	Safety effects against nitrite and nitrosamines and anti-mutagenic properties of vegetable juice
809.	Kim, J-O., Jung, J-T., Kim, M., Lee, Y-W., Chung, J.	2012	Removal of N-nitrosodimethylamine by ultraviolet treatment and anodizing TiO ₂ membrane processes	Environmental Progress & Sustainable Energy (2012) Vol. 31(3), pp. 407-414	N	N/A	N/A	Comparison of NDMA removal efficiencies from water

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810.	Kim, K., Kwak, B., Kang, S., Kang, M., Xiao, W.	2014	Synthesis of submicron hexagonal plate-type SnS ₂ and band gap-tuned Sn _{1-x} Ti _x S ₂ materials and their hydrogen production abilities on methanol/water photosplitting	International Journal of Photoenergy (2014), pp. 1-9	N	N/A	N/A	Design of materials for methanol/water photosplitting
811.	Kim, K.H., Bae, Y., Lee, K-S., Moon, Y., Kwon, C.H., Ahn, J.H.	2012	Characterization of mutagenicity test and identification of N-nitroso mutagens in some Soju alcoholic spirits	Journal of the American Society of Brewing Chemists (2012) Vol. 70(3), pp. 182-185	N	N/A	N/A	Mutagenicity of Soju alcoholic spirits
812.	Kim, K.S., Yang, H.J., Lee, J.Y., Na, Y.C., Kwon, S.Y., Kim, Y.C., Lee, J.H., Jang, H.J.	2014	Effects of β -sitosterol derived from <i>Artemisia capillaris</i> on the activated human hepatic stellate cells and dimethylnitrosamine-induced mouse liver fibrosis	BMC Complement Altern Med (2014) Vol. 14, pp. 363	N	N/A	N/A	Anti-fibrotic effects of β -sitosterol
813.	Kim, M., Han, J., Hyun, S.	2013	Anion exchange of organic carboxylate by soils responsible for positive Km-fc relationship from methanol mixture	Chemosphere (2013) Vol. 93(1), pp. 133-9	N	N/A	N/A	Anion exchange of organic carboxylate
814.	Kim, M., Hyun, S.	2014	Effect of surface coordination on 2,4-D sorption by kaolinite from methanol/water mixture	Chemosphere (2014) Vol. 103, pp. 329-35	N	N/A	N/A	2,4-D sorption by kaolinite
815.	Kim, M; Kim, J; Hyun, S	2012	Solubility of organic acids in various methanol and salt concentrations: the implication on organic acid sorption in a cosolvent system	Chemosphere 89.3 (Sep 2012): 262-8.	N	N/A	N/A	Solubility of organic acids in various methanol and salt concentrations

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816.	Kim, M; Kim, J; Kim, J-G ; Hyun, S	2015	Factors influencing inapplicability of cosolvency-induced model on organic acid sorption onto humic substance from methanol mixture	Environmental science and pollution research international 22.20 (Oct 2015): 15745-54.	N	N/A	N/A	Factors influencing inapplicability of cosolvency-induced model on organic acid sorption onto humic substance
817.	Kim, S., You, D.H., Han, T., Choi, E-M.	2014	Modulation of viability and apoptosis of UVB-exposed human keratinocyte HaCaT cells by aqueous methanol extract of laver (<i>Porphyra yezoensis</i>)	Journal of Photochemistry and Photobiology B: Biology (2014) Vol. 141, pp. 301-307	N	N/A	N/A	Effects of seaweed extracts on human keratinocyte cells
818.	Kim, W., Ryoo, R.	2014	Probing the catalytic function of external acid sites located on the MFI nanosheet for conversion of methanol to hydrocarbons	Catalysis Letters (2014) Vol. 144(7), pp. 1164-1169	N	N/A	N/A	Catalytic function of a nanosheet for conversion of methanol
819.	Kim, Y.A., Khan, A.L., Hamayun, M., Kim, J.T., Lee, J.H., Hwang, I.C., Yoon, C.S., Lee, I-J.,	2010	Effects of prohexadione calcium on growth and gibberellins contents of <i>Chrysanthemum morifolium</i> R. cv Monalisa White	Scientia Horticulturae (2010) Vol. 123(3), pp. 423-427	N	N/A	N/A	Effect of prohexadione calcium on <i>C. morifolium</i>
820.	Kim, Y.T., Matin, Md.A., Kwon, Y.U.	2014	Graphene as electronic structure modifier of nanostructured Pt film for enhanced methanol oxidation reaction electrocatalysis	Carbon (2014) Vol. 66, pp. 691-698	N	N/A	N/A	Graphene as modifier of nanostructured Pt film

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821.	Kirino, M., Tomita, I.,	2013	Aminimides derived from p-substituted benzoylformic acid ester as thermal/ photolatent bases and photoradical initiators	Journal of Polymer Science Part A: Polymer Chemistry (2013) Vol. 51(20), pp. 4292-4300	N	N/A	N/A	No relevant endpoints investigated
822.	Kiriukhin, M., Tyurin, M., Gak, E.	2014	UVC-mutagenesis in acetogens: resistance to methanol, ethanol, acetone, or n-butanol in recombinants with tailored genomes as the step in engineering of commercial biocatalysts for continuous CO ₂ /H ₂ blend fermentations	World Journal of Microbiology and Biotechnology (2014) Vol. 30(5), pp. 1559-1574	N	N/A	N/A	UVC-mutagenesis in acetogens
823.	Kirkland, D. Aardema, M., Henderson, L., Müller, L.	2006	Evaluation of the ability of a battery of three in vitro genotoxicity tests to discriminate rodent carcinogens and non-carcinogens I. Sensitivity, specificity and relative predictivity	Mutat Res (2005) Vol. 584(1-2), pp. 1-256 Mutat Res (2005) Vol. 588(1), pp. 70	N	N/A	N/A	Method to determine carcinogenicity from genotoxicity data
824.	Kiss, A.A., Pragt, J.J., Vos, H.J., Bargeman, G., de Groot, M.T.	2016	Novel efficient process for methanol synthesis by CO ₂ hydrogenation	Chemical Engineering Journal 284 (2016): 260-269	N	N/A	N/A	Methanol synthesis process

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825.	Kittlaus, S., Kempe, G., Speer, K.	2013	Evaluation of matrix effects in different multipesticide residue analysis methods using liquid chromatography-tandem mass spectrometry, including an automated two-dimensional cleanup approach	J Sep Sci (2013) Vol. 36(13), pp. 2185-95	N	N/A	N/A	Analytical method for detection of residues in foodstuffs
826.	Kittlaus, S., Schimanke, J., Kempe, G., Speer, K.	2011	Assessment of sample cleanup and matrix effects in the pesticide residue analysis of foods using postcolumn infusion in liquid chromatography-tandem mass spectrometry	J Chromatogr A (2011) Vol. 1218(46), pp. 8399-410	N	N/A	N/A	Analytical method for detection of residues in foodstuffs
827.	Klein-Junior, L.C., Meira, N.A., Bresolin, T.M., Cechinel-Filho, V., Quintao, N.L.	2012	Antihyperalgesic activity of the methanol extract and some constituents obtained from <i>Polygala cyparissias</i> (Polygalaceae)	Basic Clin Pharmacol Toxicol (2012) Vol. 111(3), pp. 145-53	N	N/A	N/A	Antihyperalgesic activity of plant extracts
828.	Klessa, M., Zawadzinska, A.	2007	The effects of retardants on generative traits of <i>Impatiens walleriana</i> cultivars from Fiesta and Fiesta Ole groups	Folia Universitatis Agriculturae Stetinensis (2007) Vol. 253, pp. 45-52	N	N/A	N/A	Efficacy study
829.	Kma, L., Sharan, R.N.	2014	Dimethylnitrosamine-induced reduction in the level of poly-ADP-ribosylation of histone proteins of blood lymphocytes--a sensitive and reliable biomarker for early detection of cancer	Asian Pac J Cancer Prev (2014) Vol. 15(15), pp. 6429-36	N	N/A	N/A	Evaluation of PAR as a biomarker for the detection of cancer in blood lymphocyte histones

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830.	Knight, A.W., Little, S., Houck, K., Dix, D., Judson, R., Richard, A., McCarroll, N., Akerman, G., Yang, C., et al	2009	Evaluation of high-throughput genotoxicity assays used in profiling the US EPA ToxCast chemicals	Regulatory Toxicology and Pharmacology (2009) Vol. 55, No. 2, pp. 188-199	N	N/A	N/A	Non-validated methodology
831.	Knight, N., Watson, K., Farré, M.J., Shaw, G.	2012	N-nitrosodimethylamine and trihalomethane formation and minimisation in Southeast Queensland drinking water	Environ Monit Assess (2012) Vol. 184(7), pp. 4207-22	N	N/A	N/A	NDMA and trihalomethane in Queensland drinking water
832.	Knorr, A., Monge, A., Stueber, M., Stratmann, A., Arndt, D., Martin, E., Pospisil, P.	2013	Computer-Assisted Structure Identification (CASI)-An automated platform for high-throughput identification of small molecules by two-dimensional gas chromatography coupled to mass spectrometry	Anal Chem (2013) Vol. 85(23), pp. 11216-11224	N	N/A	N/A	Identification of small molecules by 2D GC coupled to MS
833.	Knuutila, H., Svendsen, H.F., Asif, N.	2014	Decomposition of nitrosamines in aqueous monoethanolamine (MEA) and diethanolamine (DEA) solutions with UV-radiation	International Journal of Greenhouse Gas Control (2014) Vol. 31, pp. 182-191	N	N/A	N/A	Decomposition of nitrosamines in MEA and DEA solutions
834.	Kocak, D., Ozel, M.Z., Gogus, F., Hamilton, J.F., Lewis, A.C.	2012	Determination of volatile nitrosamines in grilled lamb and vegetables using comprehensive gas chromatography - Nitrogen chemiluminescence detection	Food Chem (2012) Vol. 135(4), pp. 2215-20	N	N/A	N/A	Analytical detection of nitrosamines in foodstuffs

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835.	Kofidis, G., Giannakoula, A., Ilias, I.F.	2008	Growth, anatomy and chlorophyll fluorescence of coriander plants (<i>Coriandrum sativum</i> L.) treated with prohexadione-calcium and daminozide	Acta Biologica Cracoviensia. Series Botanica (2008) Vol. 50(2), pp. 55-62	N	N/A	N/A	Effects of gibberellin inhibitors on growth and anatomical characteristics of coriander
836.	Koga, H., Fukahori, S., Kitaoka, T., Tomoda, A., Suzuki, R., Wariishi, H.	2006	Autothermal reforming of methanol using paper-like Cu/ZnO catalyst composites prepared by a papermaking technique	Applied catalysis A: General (2006) Vol. 309(2), pp. 263-269	N	N/A	N/A	Autothermal reforming of methanol using Cu/ZnO catalyst
837.	Koishi, T; Yasuoka, K; Willow, S Y; Fujikawa, S; Zeng, X C	2013	Molecular insight into different denaturing efficiency of urea, guanidinium, and methanol: A comparative simulation study	Journal of chemical theory and computation 9.6 (Jun 11, 2013): 2540-51.	N	N/A	N/A	Molecular dynamics simulation of confined water with protein denaturants
838.	Kolb, S.	2009	Aerobic methanol-oxidizing bacteria in soil	FEMS microbiology letters 300.1 (Nov 2009): 1-10	N	N/A	N/A	Aerobic methanol-oxidizing bacteria in soil
839.	Kolb, S; Stacheter, A	2013	Prerequisites for amplicon pyrosequencing of microbial methanol utilizers in the environment	Frontiers in microbiology 4 (Sep 5, 2013): 268.	N	N/A	N/A	Pyrosequencing of microbial methanol utilizers in the environment
840.	Kollipost, F; Andersen, J; Mahler, D W; Heimdal, J; Heger, M; Suhm, M A; Wugt Larsen, R	2014	The effect of hydrogen bonding on torsional dynamics: a combined far-infrared jet and matrix isolation study of methanol dimer	The Journal of chemical physics 141.17 (Nov 7, 2014): 174314.	N	N/A	N/A	The effect of hydrogen bonding on torsional dynamics
841.	Kolodziej, B.	2005	The effect of foliar application of growth regulators on American ginseng (<i>Panax quinquefolium</i> L.)	Herba Polonica (2005) Vol. 51(3/4), pp. 13-19	N	N/A	N/A	Effects of PGR on American ginseng

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842.	Kołodziej, B.	2009	Effects of growth regulators and sowing densities in American ginseng (<i>Panax quinquefolius</i> L.) culture	Europ J Hort Sci (2009) Vol. 74(4), pp. 165-168	N	N/A	N/A	Efficacy study
843.	Kolumbayeva, S., Begimbetova, D., Shalakhmetova, T., Saliev, T., Lovinskaya, A., Zhunusbekova, B.	2014	Chromosomal instability in rodents caused by pollution from Baikonur cosmodrome	Ecotoxicology (2014) Vol. 23(7), pp. 1283-91	N	N/A	N/A	Effects of rocket fuel on lipid peroxidation and chromosomal aberrations in rodents
844.	Komarova, T.V., Petrunia, I.V., Shindyapina, A.V., Silachev, D.N., Sheshukova, E.V., Kiryanov, G.I., Dorokhov, Y.L.	2014	Endogenous methanol regulates mammalian gene activity	PLoS One (2014) doi: 10.1371/journal.pone.0090239	N	N/A	N/A	Endogenous methanol regulates mammalian gene activity; no relevant endpoints investigated
845.	Kong, X., Tang, H., Li, J., He, X.	2006	GC-MS determination of residual daminozide in apple juice concentrate	Lihua Jianyan, Huazue Fence (2006) Vol. 42(9), pp. 721-722, 725	N	N/A	N/A	Analytical detection of daminozide in foodstuffs
846.	Kontogiannopoulos, K.N., Assimopoulou, A.N., Dimas, K., Papageorgiou, V.P.	2011	Shikonin-loaded liposomes as a new drug delivery system: Physicochemical characterization and in vitro cytotoxicity	European Journal of Lipid Science and Technology (2011) Vol. 1139, pp. 1113-1123	N	N/A	N/A	Shikonin-loaded liposomes as a new drug delivery system
847.	Kooi, O ; Ling, C ; Rodzi, R; Othman, F ; Mohtarrudin, N ; Suhaili, Z ; Zakaria, Z A	2014	Chemopreventive activity of methanol extract of Melastoma malabathricum leaves in DMBA-induced mouse skin carcinogenesis	AJTCAM / African Networks on Ethnomedicines 11.4 (Jun 4, 2014): 66-70.	N	N/A	N/A	Chemopreventive activity of plant extracts

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848.	Koriem, K.M., Arbid, M.S., Asaad, G.F.	2013	<i>Chelidonium majus</i> leaves methanol extract and its chelidonine alkaloid ingredient reduce cadmium-induced nephrotoxicity in rats	J Nat Med (2013) Vol. 67(1), pp. 159-67	N	N/A	N/A	Plant extract reduced nephrotoxicity in rats
849.	Körner, E., von Dahl, C.C., Bonaventure, G., Baldwin, I.T.	2009	Pectin methylesterase NaPME1 contributes to the emission of methanol during insect herbivory and to the elicitation of defence responses in <i>Nicotiana attenuata</i>	Journal of experimental botany 60.9 (Jul 2009): 2631-2640	N	N/A	N/A	Pectin methylesterase contribution during insect herbivory and plant defence responses
850.	Korpás, A., Hradilík, J.	2009	Possibilities of the utilization of antigibberellins in seedless table grape breeding	Acta Horticulturae (2009) Vol. 827, pp. 229-232	N	N/A	N/A	Use of antigibberellins in seedless table grape breeding
851.	Kosaka, K., Asami, M., Nakai, T., Ohkubo, K., Echigo, S., Akiba, M.	2014	Formaldehyde formation from tertiary amine derivatives during chlorination	Sci Total Environ (2014) Vol. 488-489, pp. 325-32	N	N/A	N/A	Formaldehyde formation from tertiary amine derivatives during chlorination
852.	Kosaka, K., Asami, M., Okhubo, K., Iwamoto, T., Tanaka, Y., Koshino, H., Echigo, S., Akiba, M.	2014	Identification of a new N-nitrosodimethylamine precursor in sewage containing industrial effluents	Environ Sci Technol (2014) Vol. 48(19), pp. 11243	N	N/A	N/A	Identification of NDMA precursor in industrial effluent sewage
853.	Kosaka, K., Fukui, K., Kayanuma, Y., Asami, M., Akiba, M.	2014	N-nitrosodimethylamine formation from hydrazine compounds on ozonation	Ozone: Science & Engineering (2014) Vol. 36(3), pp. 215-220	N	N/A	N/A	Nitrosamine formation from hydrazine compounds on ozonation

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854.	Koshy, R.K., Raj Kapoor, B., Azmathulla, M.	2011	Acute and sub acute toxicity of methanol extract of <i>Elytraria acaulis</i> lindau. in rats	Pharmacologyonline 3 (2011): 229-242	N	N/A	N/A	Toxicity of plant extracts
855.	Kossler, N., Matheirs, K.A., Ostenfeldt, N., Bach Toft, D., Dhaliun, S., Deschi, U., Kalkuhl, A.	2015	Identification of specific mRNA signatures as fingerprints for carcinogenesis in mice induced by genotoxic and non-genotoxic hepatocarcinogens	Toxicol Sci (2015) Vol. 143(2), pp. 277-95	N	N/A	N/A	Identification of specific mRNA signatures as fingerprints for carcinogenesis
856.	Kosyakov, D.S., Ul'yanovskii, N.V., Bogolitsyn, K.G., Shpigun, O.A.	2014	Simultaneous determination of 1,1-dimethylhydrazine and products of its oxidative transformations by liquid chromatography-tandem mass spectrometry	Intern J Environ Anal Chem (2014) Vol. 94(12), pp. 154-1263	N	N/A	N/A	Analytical detection of hydrazines and nitrosamines in soil
857.	Kotan, E., Alpsoy, L., Anar, M., Aslan, A., Agar, G.	2011	Protective role of methanol extract of <i>Cetraria islandica</i> (L.) against oxidative stress and genotoxic effects of AFB1 in human lymphocytes in vitro	Toxicol Ind Health (2011) Vol. 27(7), pp. 599-605	N	N/A	N/A	Protective role of plant extracts against oxidative stress and genotoxic effects of AFB1
858.	Kousalová, J., Pytela, O., Bureš, F.	2012	Synthesis and coordination ability of tartrate-derived N-alkyl dicarbohydrazides towards Cu ²⁺ ions	ARKIVOC Archive for Organic Chemistry (2012) Issue 9, pp. 35-48	N	N/A	N/A	Synthesis of N-alkyl dicarbohydrazides
859.	Krasner, S.W., Mitch, W.A., McCurry, D.L., Hanigan, D., Westerhoff, P.	2013	Formation, precursors, control, and occurrence of nitrosamines in drinking water: a review	Water Res (2013) Vol. 47(13), pp. 4433-50	N	N/A	N/A	Review of nitrosamines in drinking water

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860.	Krasner, S.W., Mitch, W.A., Westerhoff, P., Dotson, A.	2012	Formation and control of emerging C- and N-DBPs in drinking water	Journal – American Water Works Association (2012) Vol. 104(11), pp. 33-34	N	N/A	N/A	Occurrence, formation and control of emerging disinfection byproducts
861.	Kristiana, I., Tan, J., Joll, C.A., Heitz, A., von Gunten, U., Charrois, J.W.	2013	Formation of N-nitrosamines from chlorination and chloramination of molecular weight fractions of natural organic matter	Water Res (2013) Vol. 47(2), pp. 535-46	N	N/A	N/A	NDMA formation from natural organic matter
862.	Krummrich, S; Llabres, J	2015	Methanol reformer – The next milestone for fuel cell powered submarines	International Journal of Hydrogen Energy 40.15 (2015): 5482-5486.	N	N/A	N/A	Fuel cell powered submarines
863.	Kuang, X; Wang, X; Liu, G	2015	All-electron scalar relativistic calculations on the adsorption of small gold clusters toward methanol molecule	Journal of nanoscience and nanotechnology 15.2 (Feb 2015): 1269-79.	N	N/A	N/A	Adsorption of small gold clusters towards methanol
864.	Kubáň, P; Boček, P	2013	Direct analysis of formate in human plasma, serum and whole blood by in-line coupling of microdialysis to capillary electrophoresis for rapid diagnosis of methanol poisoning	Analytica Chimica Acta 768 (Mar 20, 2013): 82-9.	N	N/A	N/A	Use of formate to determine methanol poisoning
865.	Kubáň, P; Foret, F; Bocek, R	2013	Capillary electrophoresis with contactless conductometric detection for rapid screening of formate in blood serum after methanol intoxication	Journal of chromatography. A 1281 (Mar 15, 2013): 142-7.	N	N/A	N/A	Use of formate to determine methanol poisoning

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866.	Kuboya, S., Thieu, Q.T., Sanorpim, S., Katayama, R., Onabe, K.	2012	III-V-N alloys grown by MOVPE in H ₂ and N ₂ mixed carrier gases	Proceedings of SPIE (2012), 8268(Quantum Sensing and Nanophotonic Devices IX), 82680I/1-82680I/7	N	N/A	N/A	III-V-N alloys grown by MOVPE
867.	Küçük, A., Kadioğlu, Y.	2005	Determination of tramadol hydrochloride in ampoule dosage forms by using UV spectrophotometric and HPLC-DAD methods in methanol and water media	Farmaco 60.2 (Feb 2005): 163-9	N	N/A	N/A	Analytical detection of tramadol hydrochloride in ampoule dosage forms
868.	Kuen, D; Feierabend, K J	2014	Cavity-enhanced overtone spectroscopy of methanol in aprotic solvents: probing solute-solvent interactions and self-associative behavior	The journal of physical chemistry. A 118.16 (Apr 24, 2014): 2942-51.	N	N/A	N/A	Spectroscopy of methanol in aprotic solvents
869.	Kulkarni, Y A; Veeranjanyulu, A	2012	Toxicological evaluation of the methanol extract of <i>Gmelina arborea</i> Roxb. Bark in Mice and Rats	Toxicology international 19.2 (May 2012): 125-31.	N	N/A	N/A	Toxicological evaluation of plant extracts
870.	Kumar, K., Shabnaz, E., Razdan, V.K., Tewari, A.K.	2008	Effect of bio-regulators and plant extracts on the yield attributes and incidence of tomato leaf curl	Journal of Mycology and Plant Pathology (2008) Vol. 38(2), pp. 175-177	N	N/A	N/A	Efficacy study
871.	Kumar, M K S; Suseela	2011	Phytochemical investigation and acute toxicity study of methanol extract of <i>Bambusa vulgaris</i> leaves	Journal of Pharmacy Research 4.2 (2011): 403-405	N	N/A	N/A	Phytochemical effects and toxicity of plant extracts
872.	Kumar, R.S., Gupta, M., Mazumdar, U.K., Rajeshwar, Y., Kumar, T.S., Gomathi, P., Roy, R.	2006	Effects of methanol extracts of <i>Caesalpinia bonducella</i> and <i>Bauhinia racemosa</i> on hematology and hepatorenal function in mice	The Journal of toxicological sciences 30.4 (Dec 2005): 265-74	N	N/A	N/A	Plant extracts effects on hematology and hepatorenal function in mice

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873.	Kumar, S., Kashyap, M., Sharma, D.R.	2005	In vitro regeneration and bulblet growth from lily bulbscale explants as affected by retardants, sucrose and irradiance	Biologia Plantarum (2005) Vol. 49(4), pp. 629-632	N	N/A	N/A	Efficacy study
874.	Kumar, V., Bhattacharjee, S.K.	2004	Postharvest life and quality of "Mercedes" cut roses as influenced by pulsing with D-fructose+8-HQC, Alar and dry cool storage	Scientific Horticulture (2004) Vol. 9, pp. 171-179	N	N/A	N/A	Effect of daminozide on postharvest life and quality of roses
875.	Kumaran, R; Ramamurthy, P	2006	PET suppression of acridinedione dyes by urea derivatives in water and methanol	The journal of physical chemistry. B 110.47 (Nov 30, 2006): 23783-9	N	N/A	N/A	PET suppression of acridinedione dyes
876.	Kumarasamy, Y., Nahar, L., Byres, M., Delazar, A., Sarker, S.D.	2005	The assessment of biological activities associated with the major constituents of the methanol extract of 'wild carrot' (<i>Daucus carota</i> L) seeds	J Herb Pharamacother (2005) Vol. 5(1), pp. 61-72	N	N/A	N/A	The assessment of biological activities of plant extracts
877.	Kumari, R., Sisodia, A., Singh, A.K.	2013	Effect of growth retarding chemicals on growth and flowering parameters in marigold (<i>Tagetes erecta</i>) cv Pusa Narangi Gaiinda	Environment and Ecology (2013) Vol. 31(4), pp. 1768-1770	N	N/A	N/A	Efficacy study
878.	Kuo, C.W., Sivakumar, C., Wen, T-C.	2008	Nanoparticles of Pt/HxMoO3 electrodeposited in poly(3,4-ethylenedioxy thiophene)-poly(styrene sulfonic acid) as the electrocatalyst for methanol oxidation	Journal of Power Sources 185.2 (Dec 1, 2008): 807-814	N	N/A	N/A	Nanoparticles of electrodeposited as the electrocatalyst for methanol oxidation

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879.	Kuo, C.W., Yang, C.C., Wu, T.Y.	2011	Facile synthesis of composite electrodes containing platinum particles distributed in nanowires of polyaniline-poly(acrylic acid) for methanol oxidation	Int J Electrochem Sci (2011) Vol. 6, pp. 3196-3209	N	N/A	N/A	Facile synthesis of composite electrodes
880.	Kuo, J-L., Fujii, A., Mikami, N.	2007	Theoretical analyses of the morphological development of the hydrogen bond network in protonated methanol cluster	The journal of physical chemistry. A 111.38 (Sep 27, 2007): 9438-45	N	N/A	N/A	Density functional theory calculations on isomers of protonated methanol clusters
881.	Kurcer, M.A., Kurcer, Z., Koksai, M., Baba, F., Ocak, A.R., Aksoy, N., Atessahin, A., Sahna, E.	2010	Effect of lycopene on caspase-3 enzyme activation in liver of methanol-intoxicated rats: comparison with fomepizole	Journal of medicinal food 13.4 (Aug 2010): 985-9	N	N/A	N/A	Effect of lycopene on caspase-3 enzyme activation in liver
882.	Kurcer, Z., Oğuz, E., Iraz, M., Fadillioglu, E., Baba, F., Koksai, M., Olmez, E.	2007	Melatonin improves methanol intoxication-induced oxidative liver injury in rats	Journal of Pineal Research 43.1 (Aug 2007): 42-49	N	N/A	N/A	Effects of melatonin on methanol-induced liver injury
883.	Kurian, G A; Paddikkala, J	2012	Methanol extract of Desmodium gangeticum DC root mimetic post-conditioning effect in isolated perfused rat heart by stimulating muscarinic receptors	Asian Pacific Journal of Tropical Medicine 5.6 (Jun 2012): 448-454.	N	N/A	N/A	Plant extract effects on isolated perfused rat heart

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884.	Kwak, B.S., Chae Jinho, Kim, J., Kang Misook	2009	Enhanced hydrogen production from methanol/water photo-splitting in TiO ₂ including Pd component	Bulletin of the Korean Chemical Society 30.5 (2009): 1047-1053	N	N/A	N/A	Hydrogen production from methanol/water photo-splitting
885.	Kwon, S-I., Kim, M-J., Paek, P-N., Nam, J-C., Kang, I-K., Choi, C.	2009	Effect of plant growth regulators and graftings on early fruiting of apple seedlings	Weon'ye Gwahag Gi'sulji (2009) Vol. 27(4), pp. 644-648	N	N/A	N/A	Efficacy study
886.	Lachenmeier, D.W., Przybylski, M.C., Rehm, J.	2012	Comparative risk assessment of carcinogens in alcoholic beverages using the margin of exposure approach	Int J Cancer (2012) Vol. 131(6), pp. E995-1003	N	N/A	N/A	Comparative risk assessment of carcinogens in foodstuffs
887.	Laffineur, Q; Aubinet, M; Heinesch, B; Schoon, N; Amelynck, C; Müller, J.-F; Dewulf, J; Van Langenhove, H; Steppe, K	2012	Abiotic and biotic control of methanol exchanges in a temperate mixed forest	Atmospheric Chemistry and Physics 12.1 (Jan 30, 2012): 577-590.	N	N/A	N/A	Abiotic and biotic control of methanol exchanges in a temperate mixed forest
888.	Lai, Z.R., Peng, W.H., Ho, Y.L., Huang, S.C., Huang, T.H., Lai, S.C., Ku, Y.R., Tsai, J.C., Wang, C.Y., Chang, Y.S.	2010	Analgesic and anti-inflammatory activities of the methanol extract of <i>Kalanchoe gracilis</i> (L.) DC stem in mice	Am J Chin Med (2010) Vol. 38(3), pp. 529-46	N	N/A	N/A	Analgesic and anti-inflammatory activities of plant extracts

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889.	Laothong, U., Pinlaor, P., Boonsiri, P., Pairojkul, C., Priprem, A., Johns, N.P., Charoensuk, L., Intuyod, K., Pinlaor, S.	2013	Melatonin inhibits cholangiocarcinoma and reduces liver injury in <i>Opisthorchis viverrini</i> -infected and N-nitrosodimethylamine-treated hamsters	J Pineal Res (2013) Vol. 55(3), pp. 257-66	N	N/A	N/A	Chemopreventive effect of melatonin
890.	Larsen, R.W., McManus, G.J., Perry, J.J, 4th, Rivera-Otero, E., Zaworotko, M.J.	2007	Spectroscopic characterization of hydroxylated nanoballs in methanol	Inorganic chemistry 46.15 (Jul 23, 2007): 5904-10	N	N/A	N/A	Characterization of hydroxylated nanoballs in methanol
891.	Lau, K., Lee, S., Chin, J.	2014	Effect of the methanol leaves extract of <i>Clinacanthus nutans</i> on the activity of acetylcholinesterase in male mice	Journal of Acute Disease 3.1 (2014): 22-25.	N	N/A	N/A	Plant extract effects on AChE in mice
892.	Lauer, M.S., Sorlie, P.	2009	Alcohol, cardiovascular disease, and cancer: treat with caution	J Natl Cancer Inst (2009) Vol. 101(5), pp. 282-3	N	N/A	N/A	Editorial article; not relevant
893.	Laufersweiler, M.C., Gadagbui, B., Baskerville-Abraham, I.M., Maier, A., Willis, A., Scialli, A.R., Carr, G.J., Felter, S.P., Blackburn, K., Daston, G.	2012	Correlation of chemical structure with reproductive and developmental toxicity as it relates to the use of the threshold of toxicological concern	Regul Toxicol Pharmacol (2012) Vol. 62(1), pp. 160-82	N	N/A	N/A	Grouping of chemicals with reproductive and developmental data according to the TTC 'Cramer Class' rules

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894.	Laurin, V., Labbe, N., Juteau, P., Parent, S., Villemur, R.	2006	Long-term storage conditions for carriers with denitrifying biomass of the fluidized, methanol-fed denitrification reactor of the Montreal Biodome, and the impact on denitrifying activity and bacterial population	Water Res (2006) Vol. 40(9), pp. 1836-40	N	N/A	N/A	Long-term storage conditions for carriers with denitrifying biomass and the impact on denitrifying activity and bacterial population
895.	Lausche, A.C., Schaidle, J.A., Thompson, L.T.	2011	Understanding the effects of sulfur on Mo2C and Pt/Mo2C catalysts: Methanol steam reforming	Applied Catalysis A: General (2011) Vol. 401(1-2), pp. 29-36	N	N/A	N/A	Effects on sulphur on catalysts
896.	Lawal, B; Shittu, O K; Abubakar, A N; Umar, M B; Ibrahim, A M; Garba M, H	2015	Biochemical evaluation in wister rats (<i>Rattus norvegicus</i>) following chronic exposure of methanol leaf extract of <i>Telfairia occidentalis</i> .	Journal of Pharmaceutical and Biomedical Sciences 5.9 (2015): 740-744.	N	N/A	N/A	Biochemical evaluation of plant extracts in rats
897.	Lawal, B; Shittu, O K; Rotimi, A A; Olalekan, I A.; Kamooru, A A; Ossai, P C	2015	Effect of methanol extract of <i>Telfairia occidentalis</i> on haematological parameters in wister rats	Journal of Medical Sciences (Faisalabad) 15.5 (2015): 246-250.	N	N/A	N/A	Toxicity of plant extracts
898.	Lawton, T J; Carrasco, J; Baber, A E; Michaelides, A; Sykes, E C H	2012	Hydrogen-bonded assembly of methanol on Cu(111)	PCCP 14.33 (Sep 7, 2012): 11846-52.	N	N/A	N/A	Hydrogen-bonded assembly of methanol on Cu(111)
899.	Layshko, N., Gudkova, O., Dmytrenko, M.	2012	Semicarbazide as potential source of formaldehyde and nitric oxide formation	Drugs and Therapy Studies (2012) Vol. 2, pp. 43-47	N	N/A	N/A	Degradation products of semicarbazide

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900.	Le Roux, J., Gallard, H., Crou��, J.P.	2012	Formation of NDMA and halogenated DBPs by chloramination of tertiary amines: the influence of bromide ion	Environ Sci Technol (2012) Vol. 46(3), pp. 1581-9	N	N/A	N/A	NDMA formation by chloramination of tertiary amines
901.	Lebarbier, V., Dagle, R., Conant, T., Vohs, J.M., Datye, A.K., Wang, Y.	2008	CO/FTIR spectroscopic characterization of Pd/ZnO/Al ₂ O ₃ catalysts for methanol steam reforming	Catalysis Letters 122.3/4 (2008): 223-227	N	N/A	N/A	Spectroscopic characterisation of catalysts
902.	Lee, C.H., Kwon, O.K., Choi, S.Y., Kim, H.D.	2004	Production of compact <i>Ardisia pusilla</i> DC. plot plant by using paclobutrazol	Journal of the Korean Society for Horticultural Science, (2004) Vol. 45(5), pp. 270-276	N	N/A	N/A	Efficacy study
903.	Lee, D., Kim, T.	2013	Plasma-catalyst hybrid methanol-steam reforming for hydrogen production	International Journal of Hydrogen Energy (2013) Vol. 38(14), pp. 6039-6043	N	N/A	N/A	Plasma-catalyst hybrid methanol-steam reforming for hydrogen production
904.	Lee, D.W., Yu, C., Lee, K-H.	2009	Competitive adsorption-driven separation of water/methanol mixtures using hydrogen as a third competitor	Journal of Colloid and Interface Science (2009) Vol. 340(1), pp. 62-6	N	N/A	N/A	Adsorption-driven separation of water/methanol mixtures
905.	Lee, D.Y., Wexler, A.S.	2013	Atmospheric amines - Part III: Photochemistry and toxicity	Atmospheric Environment (2013) Vol. 71, pp. 95-103	N	N/A	N/A	Photochemistry and toxicity of atmospheric amines

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906.	Lee, E-S., Chen, H., Hardman, C., Simm, A., Charlton, C.	2008	Excessive S-adenosyl-L-methionine-dependent methylation increases levels of methanol, formaldehyde and formic acid in rat brain striatal homogenates: possible role in S-adenosyl-L-methionine-induced Parkinson's disease-like disorders	Life sciences 83.25-26 (Dec 19, 2008): 821-7	N	N/A	N/A	Mechanism for increased methanol, formaldehyde and formic acid in rat brain striatal homogenates
907.	Lee, H J J; Pahl, M V; Vaziri, N D; Blake, D R	2012	Effect of hemodialysis and diet on the exhaled breath methanol concentration in patients with ESRD	Journal of renal nutrition 22.3 (May 2012): 357-64.	N	N/A	N/A	Effect of hemodialysis and diet on the exhaled breath methanol concentration in patients
908.	Lee, J., Kim, J., Choi, W.	2014	Oxidation of aquatic pollutants by ferrous-oxalate complexes under dark aerobic conditions	Journal of Hazardous Materials (2014) Vol. 274, pp. 79-86	N	N/A	N/A	Oxidation of pollutants by ferrous-oxalate complexes
909.	Lee, J.H., Jung, M.Y.	2010	Direct spectroscopic observation of singlet oxygen quenching and kinetic studies of physical and chemical singlet oxygen quenching rate constants of synthetic antioxidants (BHA, BHT, and TBHQ) in methanol	J Food Sci (2010) Vol. 75(6), pp. C506-13	N	N/A	N/A	Singlet oxygen quenching by synthetic antioxidants

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910.	Lee, J-H., Lee, S-U., Oh, J-E.	2013	Analysis of nine nitrosamines in water by combining automated solid-phase extraction with high-performance liquid chromatography-atmospheric pressure chemical ionization tandem mass spectrometry	International Journal of Environmental Analytical Chemistry (2013) Vol. 93(12), pp. 1261-1273	N	N/A	N/A	Analytical method for the detection of nitrosamines in water
911.	Lee, K.Y., Chae, H-J., Jeong, S-Y., Seo, G.	2009	Effect of crystallite size of SAPO-34 catalysts on their induction period and deactivation in methanol-to-olefin reactions	Applied Catalysis A: General 369.1/2 (2009): 60-66	N	N/A	N/A	Methanol-to-olefin reactions over three types of catalysts
912.	Lee, M., Lee, Y., Soltermann, F., von Gunten, U.	2013	Analysis of N-nitrosamines and other nitro(so) compounds in water by high-performance liquid chromatography with post-column UV photolysis/ Griess reaction	Water Res (2013) Vol. 47(14), pp. 4893-903	N	N/A	N/A	Analytical method for the detection of nitrosamines in water
913.	Lee, M-F., Liu, M-L., Cheng, A-C., Tsai, M-L., Ho, C-T., Liou, W-S., Pan, M-H.	2013	Pterostilbene inhibits dimethylnitrosamine-induced liver fibrosis in rats	Food Chemistry (2013) Vol. 138(2-3), pp. 802-807	N	N/A	N/A	Investigation into the effect of pterostilbene on liver fibrosis
914.	Lee, M-F., Tsai, M-L., Sun, P.P., Chien, L.L., Cheng, A-C., Ma, N.J., Ho, C-T., Pan, M-H.	2013	Phyto-power dietary supplement potently inhibits dimethylnitrosamine-induced liver fibrosis in rats	Food Funct (2013) Vol. 4(3), pp. 470-5	N	N/A	N/A	Dietary supplement inhibition of NDMA-induced liver fibrosis

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915.	Lee, S., Lee, B., Mehmood, F., Seifert, S., Libera, J.A., Elam, J.W., Greeley, J., Zapol, P., Curtiss, L.A., Pellin, M.J., Stair, P.C., Winans, R.E., Vajda, S.	2010	Oxidative decomposition of methanol on subnanometer palladium clusters: The effect of catalyst size and support composition	J Phys Chem C (2010) Vol. 114(23), pp. 13042-13048	N	N/A	N/A	Oxidative decomposition of methanol on subnanometer palladium clusters
916.	Lee, S., Shih, H., Chi, Y., Li, Y., Yin, S.	2011	Oxidation of methanol, ethylene glycol, and isopropanol with human alcohol dehydrogenases and the inhibition by ethanol and 4-methylpyrazole	Chemico-Biological Interactions (2011) Vol. 191(1-3), pp. 26-31	N	N/A	N/A	Oxidation of compounds by ADHs and their inhibition
917.	Lee, S.H., Kakati, N., Jee, S.H., Maiti, J. Yoon, Y.S.	2011	Hydrothermal synthesis of PtRu nanoparticles supported on graphene sheets for methanol oxidation in direct methanol fuel cell	Materials Letters (2011) Vol. 65(21-22), pp. 3281-3284	N	N/A	N/A	Synthesis of nanoparticles for methanol oxidation in direct methanol fuel cell
918.	Lee, S.S., Kim, T.H., Lee, E.M., Lee, M.H., Lee, H.Y., Chung, B.Y.	2014	Degradation of cyanidin-3-rutinoside and formation of protocatechuic acid methyl ester in methanol solution by gamma irradiation	Food Chem (2014) Vol. 156, pp. 312-8	N	N/A	N/A	Degradation of anthocyanins

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919.	Lee, T.H., Kwak, H.B., Kim, H.H., Lee, Z.H., Chung, D.K., Baek, N.I., Kim, J.	2007	Methanol extracts of <i>Stewartia koreana</i> inhibit cyclooxygenase-2 (COX-2) and inducible nitric oxide synthase (iNOS) gene expression by blocking NF-kappaB transactivation in LPS-activated RAW 264.7 cells	Mol Cells (2007) Vol. 23(3), pp. 398-404	N	N/A	N/A	Plant extract effects on gene expression
920.	Lee, U., Oh, E.	2015	Pharmacokinetic changes of drugs in a rat model of liver cirrhosis induced by dimethylnitrosamine, alone and in combination with diabetes mellitus induced by streptozotocin	Biopharmaceutics & Drug Disposition (2015) Vol. 36(1), pp. 1-14	N	N/A	N/A	Pharmacokinetics of drugs in a rat model of liver cirrhosis; no relevant endpoints investigated
921.	Lee, Y.S., Kim, Y.H., Shin, E.K., Kim, D.H., Lim, S.S., Lee, J-Y., Kim, J-K.	2010	Anti-angiogenic activity of methanol extract of <i>Phellinus linteus</i> and its fractions	Journal of Ethnopharmacology 131.1 (Aug 2010): 56-62	N	N/A	N/A	Anti-angiogenic activity of plant extract
922.	Leeja, L., Thoppil, J.E.	2007	Antimicrobial activity of methanol extract of <i>Origanum majorana</i> L. (Sweet marjoram)	J Environ Biol (2007) Vol. 28(1), pp. 145-6	N	N/A	N/A	Antimicrobial activity of plant extracts
923.	Lehotay, S.J., de Kok, A., Himestra, M., Van Bodegraven, P.	2005	Validation of a fast and easy method for the determination of residues from 229 pesticides in fruits and vegetables using gas and liquid chromatography and mass spectrometric detection	J AOAC Int (2005) Vol. 88(2), pp. 595-614	N	N/A	N/A	Analytical method for detection of pesticide residues in foodstuffs

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924.	Lei, K; Ma, H; Zhang, H; Ying, W; Fang, D	2015	Study on effective radial thermal conductivity of gas flow through a methanol reactor	International Journal of Chemical Reactor Engineering 13.1 (2015): 103-112.	N	N/A	N/A	Effective radial thermal conductivity of gas flow through a methanol reactor
925.	Lekkerkerkerker-Teunissen, K., Knol, A.H., Derks, J.G., Heringa, M.B., Houtman, C.J., Hofman-Caris, C.H.M., Beerendonk, E.F., Reus, A., Verberk, J.Q.J.C., van Dijk, J.C.	2013	Pilot plant results with three different types of UV lamps for advanced oxidation	Ozone Science & Engineering (2013) Vol. 35(1), pp. 38-48	N	N/A	N/A	Advanced oxidation from UV lamps
926.	Leos-Rivas, C; Verde-Star, M J; Cruz-Vega, D E; Barrón-González, M P; Rivas-Morales, C; Oranday-Cárdenas, A	2013	Biological activity of methanol extracts by <i>Heliotropium amplexicaule</i>	Revista Mexicana de Ciencias Farmaceuticas 44.3 (2013): 19-23.	N	N/A	N/A	Biological activity of plant extracts
927.	Lerfall, J., Østerlie, M.	2013	The use of sodium nitrite in cold-smoke processing of farmed Atlantic salmon – effect on storage stability	International Journal of Food Science & Technology (2013) Vol. 48, pp. 1985-1990	N	N/A	N/A	Cold-smoke processing of Atlantic salmon
928.	Lertjamratn, K., Praserttham, P., Arai, M., Panpranot, J.	2010	Modification of acid properties and catalytic properties of AlPO ₄ by hydrothermal pretreatment for methanol dehydration to dimethyl ether	Applied Catalysis A: General (2010) Vol. 378(1), pp. 119-123	N	N/A	N/A	Modification of properties of AlPO ₄

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929.	Lestari, M S; Himawan, T; Abadi, A L; Retnowati, R	2015	Toxicity and phytochemistry test of methanol extract of several plants from papua using Brine Shrimp Lethality Test (BSLT).	Journal of Chemical and Pharmaceutical Research 7.4 (2015): 866-872.	N	N/A	N/A	Toxicity and phytochemistry of plant extracts
930.	Lester, Y., Mamane, H., Avisar, D.	2012	Enhanced removal of micropollutants from groundwater, using pH modification coupled with photolysis	Water, Air & Soil Pollution (2012) Vol. 223(4), pp. 1639-1647	N	N/A	N/A	Methodology of environmental remediation for groundwater
931.	Leu, C; King, S; Huang, J; Chen, C; Tzeng, S; Lee, C; Chang, W; Yang, C	2013	Visible images of the catalytic combustion of methanol in a micro-channel reactor	Chemical engineering journal (Jun 15, 2013): 201-208.	N	N/A	N/A	Visible images of the catalytic combustion of methanol
932.	Levasseur, B., Kaliaguine, S.	2008	Methanol oxidation on LaBO ₃ (B = Co, Mn, Fe) perovskite-type catalysts prepared by reactive grinding	Applied Catalysis A: General 343.1/2 (2008): 29-38	N	N/A	N/A	Methanol oxidation on catalysts
933.	Levin, B., Lech, D., Friendenson, B.	2012	Evidence that BRCA1- or BRCA2-associated cancers are not inevitable	Mol Med (2012) Vol. 18, pp. 1327-37	N	N/A	N/A	Discussion on mechanisms of cancer formation
934.	Lewis, K.P., Faust, J.E., Sparkman, J.D.	2004	The effect of daminozide and chlormequat on the growth and flowering of poinsettia and pansy	HortScience (2004) Vol. 39(6), pp. 1315-1318	N	N/A	N/A	Efficacy study
935.	Li, B., Ma, L., Xu, C.	2008	Prediction of direct chemiluminescence behavior of organic compounds in liquid phase based on QSPR method	Journal of Luminescence (2008) Vol. 128(9), pp. 1484-1490	N	N/A	N/A	Use of QSPR to predict chemiluminescence behaviour

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936.	Li, F; Gong, H; Wang, Y; Zhang, H; Wang, Y; Liu, S; Wang, S; Sun, C	2014	Enhanced activity, durability and anti-poisoning property of Pt/W18O49 for methanol oxidation with a sub-stoichiometric tungsten oxide W18O49 support	Journal of Materials Chemistry A 2.47 (2014): 20154-20163.	N	N/A	N/A	Catalyst support for methanol oxidation
937.	Li, J., Wei, Y., Qi, Y., Tian, P., Li, B., He, Y., Chang, F., Sun, X., Liu, Z.	2011	Conversion of methanol over H-ZSM-22: The reaction mechanism and deactivation	Catalysis Today (2011) vol. 164(1), pp. 288-92	N	N/A	N/A	Conversion of methanol over H-ZSM-22
938.	Li, L., Gao, N., Deng, Y., Yao, J., Zhang, K.	2012	Characterization of intracellular & extracellular algae organic matters (AOM) of Microcystic aeruginosa and formation of AOM-associated disinfection byproducts and odor & taste compounds	Water Res (2012) Vol. 46(4), pp. 1233-40	N	N/A	N/A	Characterisation of algae organic matters and formation of associated disinfection byproducts and odour and taste compounds
939.	Li, L., Li, Z-H.	2012	Theoretical study of oxidation hydroxylation reaction mechanism for nitrosodimethylamine by oxygen atom	Asian Journal of Chemistry (2012) Vol. 24(4), pp. 1456-1460	N	N/A	N/A	Theoretical study of oxidation hydroxylation reaction mechanism for NDMA
940.	Li, L., Lin, R., Tong, Z., Feng, Q.	2012	Facile synthesis of SrCO3 nanostructures in methanol/water solution without additives	Nanoscale Research Letters (2012) Vol. 7(1), p. 305	N	N/A	N/A	Synthesis of SrCO3 nanostructures in methanol/water solution

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941.	Li, L., Mao, D., Yu, J., Guo, X.	2015	Highly selective hydrogenation of CO ₂ to methanol over CuO-ZnO-ZrO ₂ catalysts prepared by a surfactant-assisted co-precipitation method	Journal of Power Sources (2015) Vol. 279, pp. 394-404	N	N/A	N/A	Use of catalysts for the hydrogenation of CO ₂ to methanol
942.	Li, L., Wang, P., Xu, X., Zhou, G.	2012	Influence of various cooking methods on the concentrations of volatile N-nitrosamines and biogenic amines in dry-cured sausages	Food Sci (2012) Vol. 77(5), pp. C560-5	N	N/A	N/A	Influence of cooking methods on nitrosamine concentrations in foodstuffs
943.	Li, L.L., Wei, Z.D., Qi, X.Q., Sun, C.X., Yin, G.Z.	2008	Chemical oscillation in electrochemical oxidation of methanol on Pt surface	Science in China Series B: Chemistry (2008) Vol. 51(4), pp. 322-332	N	N/A	N/A	Potential oscillation in electro-oxidation of methanol
944.	Li, M; Duraiswamy, K; Knobbe, M	2012	Adsorption enhanced steam reforming of methanol for hydrogen generation in conjunction with fuel cell: Process design and reactor dynamics	Chemical Engineering Science (2012) Vol. 67(1), pp. 26-33	N	N/A	N/A	Adsorption enhanced steam reforming of methanol for hydrogen generation
945.	Li, P., Bai, H., Li, H., Chen, M., Lu, Q., Zhang, Q.	2014	Determination of migration of 15 N-nitrosamines and N-nitrosatable substances from children's latex articles by gas chromatography-tandem mass spectrometry using solid phase extraction	Se Pu (2014) Vol. 32(1), pp. 81-8	N	N/A	N/A	Analytical detection of migration of nitrosamines and nitrosatables from latex articles

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946.	Li, P., Mi, W., Su, Q., Luo, C.	2014	Catalytic oxidation of methanol by aqueous POM on Al ₂ O ₃ supported catalysts and electrochemical performance of POM	Fuel Cells (Online) 14.1 (2014): 56-63.	N	N/A	N/A	Catalytic oxidation of methanol
947.	Li, P., Sui, X., Xu, J., Jing, H., Wu, C., Peng, H., Lu, J., Yin, H.	2014	Worm-like InP/TiO ₂ NTs heterojunction with unmatched energy band photo-enhanced electrocatalytic reduction of CO ₂ to methanol	Chemical Engineering Journal 247 (Jul 1, 2014): 25-32.	N	N/A	N/A	Photo-enhanced electrocatalytic reduction of CO ₂ to methanol
948.	Li, P., Zhang, W., Han, X., Bao, X.	2009	Conversion of methanol to hydrocarbons over phosphorus-modified ZSM-5/ZSM-11 intergrowth zeolites	Catalysis Letters 134.1/2 (2009): 124-130	N	N/A	N/A	Conversion of methanol to hydrocarbons over zeolites
949.	Li, T., Xian, Q.	2013	Simultaneous determination of nine N-nitrosamine species in water by gas chromatograph-mass spectrometer in electron ionization (EI) mode	Zhongguo Ceshi (2013) Vol. 39(4), pp. 40-44	N	N/A	N/A	Analytical detection of nitrosamines in water
950.	Li, T., Xue, R-J., Xue, Q., Yang, Z-Y., Yan, D-W., Gu, Z-J.	2015	Fabrication of capping-free Pt/porous RGO hybrids by a repeatable-using reduction material and their application in methanol electrooxidation	Chemical Physical Letters (2015) vol. 620, pp. 73-77	N	N/A	N/A	Fabrication and application of capping-free Pt/porous RGO hybrids

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
951.	Li, W., Hu, J., Zheng, Z., Li, D., Wang, M., Liu, Z.	2012	Effect of melatonin on neurotransmitter levels caused by 1,1-dimethylhydrazine in mouse brain	Yingyang Xuebao (2012) Vol. 34(2), pp. 189-190, 192	N	N/A	N/A	Effect of melatonin on neurotransmitter levels in mouse brains; no relevant endpoints investigated
952.	Li, W; Liu, Y; Duan, J; Saint, C P; Mulcahy, D K	2015	The role of methanol addition to water samples in reducing analyte adsorption and matrix effects in liquid chromatography-tandem mass spectrometry	Journal of chromatography. A 1389 (Apr 10, 2015): 76-84.	N	N/A	N/A	Use of methanol in analytical methods
953.	Li, X., Faghri, A.	2013	Review and advances of direct methanol fuel cells (DMFCs) part I: Design, fabrication, and testing with high concentration methanol solutions	Journal of Power Sources 226 (2013): 223-240.	N	N/A	N/A	Review and advances of direct methanol fuel cells
954.	Li, X., Liu, H., Luo, D., Li, J., Huang, Y., Li, H., Fang, Y., Xu, Y., Zhu,, L	2012	Adsorption of CO ₂ on heterostructure CdS(Bi ₂ S ₃)/TiO ₂ nanotube photocatalysts and their photocatalytic activities in the reduction of CO ₂ to methanol under visible light irradiation	Chemical Engineering Journal 180 (2012): 151-158.	N	N/A	N/A	Adsorption of CO ₂ on nanotube photocatalysts and their photocatalytic activities in the reduction of CO ₂ to methanol
955.	Li, X., Luo, X., Mai, B., Liu, J., Chen, L., Lin, S.	2014	Occurrence of quaternary ammonium compounds (QACs) and their application as a tracer for sewage derived pollution in urban estuarine sediments	Environ Pollut (2014) Vol. 185, pp. 127-33	N	N/A	N/A	Occurrence of QACs and the use as an indication for sewage-derived pollution

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956.	Li, X.P., Xiang, X.D., Yang, H.Y., Wang, X.J., Tan, C.L., Li, W.S.	2013	Hydrogen tungsten bronze-supported platinum as electrocatalyst for methanol oxidation	Fuel Cells (2013) Vol. 13(2), pp. 314-318	N	N/A	N/A	Electrocatalyst for methanol oxidation
957.	Li, Y., Cao, X., Wang, L.	2014	Elucidating the removal mechanism of N,N-dimethyldithiocarbamate in an anaerobic-anoxic-oxic activated sludge system	J Environ Sci (2014) Vol. 26(3), pp. 566-74	N	N/A	N/A	Removal of DMDTC from an activated sludge system
958.	Li, Y., Deng, G.	2005	Chemical regulation of the spring hoot of <i>Pyracantha fortuneana</i> (Maxim.) Li used for potted landscape and its comprehensive evaluation	Jiangxi Nongye Daxue Xuebao (2005) Vol. 27(2), pp. 199-204	N	N/A	N/A	Efficacy study
959.	Li, Y., Zheng, F., Wang, M., Pang, G.	2009	Rapid screening and confirmation of 156 pesticide residues in concentrated fruit and vegetable juices using liquid chromatography-tandem mass spectrometry	Se Pu (2009) Vol. 27(2), pp. 127-37	N	N/A	N/A	Analytical detection of pesticide residues in foodstuffs
960.	Li, Y.Z., Huang, S.Q., Xu H.H.	2007	Insecticidal activity of methanol extracts from <i>Tephrosia purpurea</i>	Chinese Bulletin of Entomology 44.5 (2007): 680-685	N	N/A	N/A	Efficacy study
961.	Liang, M; Liang, Y; Chai, J; Zhou, S; Jiang, J	2014	Reduction of methanol in brewed wine by the use of atmospheric and room-temperature plasma method and the combination optimization of malt with different adjuncts	Journal of food science 79.11 (Nov 2014): M2308-14.	N	N/A	N/A	Reduction of methanol in brewed wine

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962.	Liao, W., Draper, W.M.	2013	Identification of volatile and semivolatile compounds in chemical ionization GC-MS using a mass-to-structure (MTS) search engine with integral isotope pattern ranking	Analyst (2013) Vol. 138(4), pp. 1038-47	N	N/A	N/A	Upgrade of theoretical molecular mass database
963.	Liao, X., Chen, C., Wang, J., Zhang, X.	2013	Treatability of organics and nitrosamine precursors by conventional/O3-BAC process	Qinghua Daxue Xuebao, Ziran Kexueban (2013) Vol. 53(4), pp. 520-525	N	N/A	N/A	Treatability of organics and nitrosamine precursors
964.	Liao, X., Chen, C., Zhang, J., Dai, Y., Zhang, X., Xie, S.	2015	Dimethylamine biodegradation by mixed culture enriched from drinking water biofilter	Chemosphere (2015) Vol. 119, pp. 935-40	N	N/A	N/A	Degradation of dimethylamine in water
965.	Liao, X., Wang, C., Wang, J., Zhang, X., Chen, C., Krasner, S.W., Suffet, I.H.	2014	Nitrosamine precursor and DOM control in an effluent-affected drinking water	Journal – American Water Works Association (2014) Vol. 106(7), pp. E307-E318	N	N/A	N/A	Treatment of water affected by nitrosamine precursors and organic matter
966.	Lienou, L L; Telefo, B P; Nangue, C; Bayala, B; Goka, S C; Yemele, D M; Tagne, R S; Donfack, N J; Mbemba, G T; Rodrigues, A P R	2015	Comparative effects of the crude methanol/methylene chloride extract and fractions of <i>Senecio bialfræ</i> (Oliv. &Hiern) J. Moore on some fertility parameters in immature female wistar rats	Asian Pacific Journal of Tropical Disease 5.5 (2015): 404-411.	N	N/A	N/A	Effects of plant extracts on fertility parameters of rats
967.	Lim, C S; Bryant, S M	2014	Forgoing the folate?- Contemporary recommendations for methanol poisoning and evidence review	American journal of therapeutics (Feb 13, 2014).	N	N/A	N/A	Use of folate against methanol poisoning

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
968.	Lima, G. Da P., Sleep, B.E.	2008	The spatial distribution of eubacteria and archaea in sand-clay columns degrading carbon tetrachloride and methanol	Journal of Contaminant Hydrology (2007) Vol. 94(1-2), pp. 34-48	N	N/A	N/A	Spatial distribution of microbial communities in sand-clay columns
969.	Lima, G. da P.; Sleep, B.E.	2010	The Impact of carbon tetrachloride on an anaerobic methanol-degrading microbial community	Water Air and Soil Pollution 212.1-4 (Oct 2010): 357-368	N	N/A	N/A	Impact of CCl ₄ on a methanol-degrading microbial community
970.	Lima, I.B., de, Santos A.B. dos, Fonseca, J.J.S. da, Takane, R.J., Lacerda, C.F. de	2013	Ornamental pepper submitted to treatments with daminozide in pots containing coconut fiber or sand	Semina: Ciências Agrárias (Londrina) (2013) Vol. 34(6) Suppl. 1, pp. 3597-3610	N	N/A	N/A	Efficacy study
971.	Lin, C., Lin, Y.	2012	Mass transfer performance of a rotating packed bed equipped with blade packings in removing methanol and 1-butanol from gaseous streams	Chemical Engineering and Processing 53 (2012): 76-81.	N	N/A	N/A	Removal of methanol and 1-butanol from gaseous streams
972.	Lin, H., Jin, H., Gao, L., Zhang, N.	2014	A polygeneration system for methanol and power production based on coke oven gas and coal gas with CO ₂ recovery	Energy 74 (Sep 1, 2014): 174-180.	N	N/A	N/A	Polygeneration system for methanol and power production
973.	Lin, J.H., Chang, Y.H.	2006	Molecular degradation rate of rice and corn starches during acid-methanol treatment and its relation to the molecular structure of starch	Journal of Agricultural and Food Chemistry 54.16 (Aug 9, 2006): 5880-5886	N	N/A	N/A	Molecular degradation rate of rice and corn starches

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974.	Lin, J.H., Wang, S.W., Chang, Y.H.Y	2009	Impacts of acid-methanol treatment and annealing on the enzymatic resistance of corn starches	Food Hydrocolloids 23.6 (2009): 1465-1472	N	N/A	N/A	Impacts on the enzymatic resistance of corn starches
975.	Lin, K; Chowdhury, S; Yeh, H; Hong, W; Yeh, C	2011	Preparation and characterization of CuO/ZnO–Al ₂ O ₃ catalyst washcoats with CeO ₂ sols for autothermal reforming of methanol in a microreactor	Catalysis today 164.1 (Apr 30, 2011): 251-256.	N	N/A	N/A	Preparation and characterization of catalyst washcoats for autothermal reforming of methanol
976.	Lin, K-S; Pan, C-Y; Chowdhury, S; Tu, M-T; Hong, W-T; Yeh, C-T	2011	Hydrogen generation using a CuO/ZnO-ZrO ₂ nanocatalyst for autothermal reforming of methanol in a microchannel reactor	Molecules (Basel, Switzerland) 16.1 (Jan 7, 2011): 348-66	N	N/A	N/A	Hydrogen generation using a nanocatalyst for autothermal reforming of methanol
977.	Lin, L., Xu, B., Lin, Y-L., Yan, L., Shen, K-Y., Xia, S-J., Hu, C-Y.	2013	Reduction of N-nitrosodimethylamine (NDMA) in aqueous solution by nanoscale Fe/Al-2(SO ₄)(3)	Water Air Soil Pollut (2013) Vol. 224, pp. 1632	N	N/A	N/A	Decomposition of NDMA in aqueous solution by Al and Fe salts
978.	Lin, S., Johnson, R.S., Smith, G.K., Xie, D., Guo, H.	2011	Pathways for methanol steam reforming involving adsorbed formaldehyde and hydroxyl intermediates on Cu(111): density functional theory studies	PCCP 13.20 (May 28, 2011): 9622-31.	N	N/A	N/A	Methanol steam reforming involving adsorbed formaldehyde and hydroxyl intermediates
979.	Lin, S., Xie, D., Guo, H.	2012	First-principles study of the methyl formate pathway of methanol steam reforming on PdZn(111) with comparison to Cu(111)	Journal of Molecular Catalysis. A, Chemical (20120400): 165-170.	N	N/A	N/A	Methyl formate pathway of methanol steam

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980.	Lin, S.H., Ding, H., Mao, F., Xue, L.Y., Lv, W.W., Zhu, H.G., Huang, B.J., Wang, W.P.	2013	Non-invasive assessment of liver fibrosis in a rat model: Shear wave elasticity imaging versus real-time elastography	Ultrasound Med Biol (2013) Vol. 39(7), pp. 1215-22	N	N/A	N/A	Non-invasive assessment of liver fibrosis
981.	Lin, S.H., Ma, J.J., Zhang, H., Ding, H., Yu, Q., Zhu, H.G., Zeng, W.J., Wang, W.P.	2012	Real-time elastography for quantitative assessment of liver fibrosis in a rat model	Zang Bing Za Zhi (2012) Vol. 20(5), pp. 386-9	N	N/A	N/A	Feasibility of real-time elastography for evaluation of liver fibrosis
982.	Lindner, P.J., Besser, R.S.	2012	Hydrogen production by methanol reforming in a non-thermal atmospheric pressure microplasma reactor	International Journal of Hydrogen Energy (2012) Vol. 37(18), pp. 13338-13349	N	N/A	N/A	Hydrogen production by methanol reforming in a microplasma reactor
983.	Ling, H.B., Xu, H.L., Fu, J.Y.	2013	Temporal and spatial variation in regional climate and its impact on runoff in Xinjiang, China	Water Resources Management (2013) Vol. 27(2), pp. 381-399	N	N/A	N/A	Temporal and spatial variation in a region in China
984.	Ling, S., Mei, D., Gutowski, M.	2011	Reactivity of hydrogen and methanol on (001) surfaces of WO ₃ , ReO ₃ , WO ₃ /ReO ₃ and ReO ₃ /WO ₃	Catalysis today 165.1 (May 16, 2011): 41-48.	N	N/A	N/A	Reactivity of hydrogen and methanol on conductor surfaces
985.	Ling, S.K., Pissar, M.M., Man, S.	2007	Platelet-activating factor (PAF) receptor binding antagonist activity of the methanol extracts and isolated flavonoids from <i>Chromolaena odorata</i> (L.) King and Robinson	Biol Pharm Bull 92007) Vol. 30(6), pp. 1150-2	N	N/A	N/A	PAF receptor binding antagonist activity of plant extracts
986.	Linga Reddy, E; Karuppiiah, J; Lee, H; Kim, D	2014	Steam reforming of methanol over copper loaded anodized aluminum oxide (AAO) prepared through electrodeposition	Journal of Power Sources 268 (2014): 88-95.	N	N/A	N/A	Steam reforming of methanol over copper loaded anodized aluminium oxide

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987.	Link, H., Anselment, B., Weuster-Botz, D.	2008	Leakage of adenylates during cold methanol/ glycerol quenching of <i>Escherichia coli</i>	Metabolomics 4.3 (September 2008): 240-247	N	N/A	N/A	Leakage of adenylates during cold quenching of bacteria
988.	Lipaei, S.R., Palangkoli, M.A., Zarchini, M., Hashemabadi, D., Shadparvar, V., Livani, B.K.	2014	Effect of cycocel and daminozide on Calendul officinalis	Acta Horticulturae (2014) No. 1023, pp. 185-191	N	N/A	N/A	Efficacy study
989.	Liu, A.Y., Tian, P., Liu, Z.M.	2010	Modification of SAPO-34 molecular sieve used for methanol to olefins reaction	Progress in Chemistry (2010) Vol. 22(8), pp. 1531-1537	N	N/A	N/A	Modification of molecular sieve used for methanol to olefins reaction
990.	Liu, B; Zhang, M; Cheng, H; Fu, Z; Zhou, T; Chi, H; Zhang, H	2014	Large-scale and narrow dispersed latex formation in batch emulsion polymerization of styrene in methanol-water solution	Colloid and Polymer Science 292.2 (Feb 2014): 519-525.	N	N/A	N/A	Latex formation in batch emulsion polymerization of styrene
991.	Liu, C., Wang, G., Chen, G., Mu, Y., Zhang, L., Hu, X., Sun, M., Liu, C., Liu, P.	2012	Huangqi decoction inhibits apoptosis and fibrosis, but promotes Kupffer cell activation in dimethylnitrosamine-induced rat liver fibrosis	BMC Complement Altern Med (2012) Vol. 12, pp. 51	N	N/A	N/A	Mechanisms of HQD action against liver fibrosis
992.	Liu, C., Yang, B., Tyo, E., Seifert, S., Debartolo, J., Von I, B., Zapol, P., Vajda, S., Curtiss, L.A.	2015	Carbon dioxide Conversion to methanol over size-selected Cu ₄ clusters at low pressures	Journal of the American Chemical Society 137.27 (Jul 15, 2015): 8676-8679	N	N/A	N/A	CO ₂ conversion to methanol

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993.	Liu, C.G., Wang, X.L., Du, X.W., Jiang, D.Y., Geng, N.Z., Zhang, S.X., Zhou, Y.Y., Kuang, H.X	2013	Metabolomic profiling for identification of potential biomarkers in the protective effects of modified Sinisan against liver injury in dimethylnitrosamine treated rats	Biol Pharm Bull (2013) Vol. 36(11), pp. 1700-7	N	N/A	N/A	Metabolomic profiling for biomarkers in modified Sinisan with protective effects against liver injury
994.	Liu, D.M., Zhou, S., Chen, J.M., Peng, S.Y., Xia, W.T.	2014	Changes of oscillatory potentials of electroretinogram after methanol intoxication in rats	Fa Yi Xue Za Zhi (2014) Vol. 30(3), pp. 178-80	N	N/A	N/A	Oscillatory potentials of electroretinogram after methanol intoxication in rats
995.	Liu, F.F., Yu, Y., Lin, B.X., Hu, X.G., Cao, Y.J., Wu, J.Z.	2014	Visualization of hormone binding proteins in vivo based on Mn-doped CdTe QDs	Spectrochim Acta A Mol Biomol Spectrosc (2014) Vol. 131, pp. 9-16	N	N/A	N/A	No relevant endpoints investigated
996.	Liu, F.J., Liu, S.H., Wei, Y.J., Xu, B., Wu, J., Ma, Z.H.	2014	Influencing factors of formaldehyde emissions during methanol oxidation	Neiranji Xuebao (2014) Vol. 2(32), pp. 166-171	N	N/A	N/A	Formaldehyde emissions during methanol oxidation
997.	Liu, G., Zhang, G.	2005	Reentrant behavior of poly(N-isopropyl acrylamide) brushes in water-methanol mixtures investigated with a quartz crystal microbalance	Langmuir : the ACS journal of surfaces and colloids 21.5 (Mar 1, 2005): 2086-90	N	N/A	N/A	Reentrant behaviour of poly(N-isopropyl acrylamide) brushes in water-methanol mixtures
998.	Liu, H., Li, Q., Liu, H., Wu, Y., He, J.	2013	A new style of dimethylnitrosamine induced fulminant hepatitis in mice	Hepat Mon (2013) Vol. 13(9), e12901	N	N/A	N/A	Development of a model to mimic the main features of human fulminant hepatitis

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999.	Liu, J; Bergin, M; Guo, H; King, L; Weber, R J; Kotra, N; Edgerton, E	2013	Size-resolved measurements of brown carbon in water and methanol extracts and estimates of their contribution to ambient fine-particle light absorption	Atmospheric Chemistry and Physics 13.24 (Dec 19, 2013): 12389-12404.	N	N/A	N/A	Size-resolved measurements of brown carbon and their contribution to ambient fine-particle light absorption
1000.	Liu, J; Wang, J; Kong, F; Huang, T; Yu, A.	2016	Facile preparation of three-dimensional porous Pd–Au films and their electrocatalytic activity for methanol oxidation	Catalysis Communications (2016) Vol. 73 (2016), pp. 22-26	N	N/A	N/A	Preparation of porous Pd-Au films
1001.	Liu, M.	2008	Study on the cutting efficiency of Impatiens New Guinea	Neimenggu Nongye Daxue Xuebao, Ziran Kexueban (2008) Vol. 29(4), pp. 152-154	N	N/A	N/A	Efficacy study
1002.	Liu, M., Gao, S., Xue, L.	2012	Gas field methanol wastewater treatment engineering occupational hazards and protection countermeasure	Chinese Journal of Public Health Engineering / Zhongguo Weisheng Gongcheng Xue (2012) Vol. 11(4), pp. 303-305.	N	N/A	N/A	Gas field methanol wastewater treatment occupational hazards and protection
1003.	Liu, S; Liu, A; Wen, B; Zhang, R; Zhou, C; Liu, L; Ren, Z	2015	Coverage dependence of methanol dissociation on TiO ₂ (110)	The journal of physical chemistry letters (Aug 11, 2015): 3327-3334.	N	N/A	N/A	Adsorption of methanol on TiO ₂
1004.	Liu, W; Wang, J; Guo, X; Fang, W; Wei, M; Lu, X; Lu, L	2011	Dissociation of methanol on hydroxylated TiO ₂ -B (100) surface: Insights from first principle DFT calculation	Catalysis today 165.1 (May 16, 2011): 32-40.	N	N/A	N/A	Adsorption of methanol on hydroxylated TiO ₂ -B (100)

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1005.	Liu, X., Wei, X., Qu, W.	2012	Research progress on the identification, genetic toxicity and carcinogenicity of nitrosamines	Weisheng Yanjiu (2012) Vol. 41(1), pp. 163-168	N	N/A	N/A	Review of toxicity of NDMA; no relevant endpoints investigated
1006.	Liu, X.L., Zheng, W.W., Wei, X., Chen, H.Y., Wang, X., Zhang, H.M., Jiang, S.H., He, G.S., Qu, W.D.	2012	Investigation on levels of carbon-, nitrogen- and iodine-containing disinfection by-products in a water plant in Jiangsu province, China	Zhonghua Yu Fang Yi Xue Za Zhi (2012) Vol. 46(2), pp. 133-8	N	N/A	N/A	Investigation into levels of disinfection byproducts in a water treatment plant
1007.	Liu, Y., Consta, S., Goddard, W.A.	2010	Nanoimmiscibility: Selective absorption of liquid methanol-water mixtures in carbon nanotubes	Journal of nanoscience and nanotechnology 10.6 (Jun 2010): 3834-43	N	N/A	N/A	Selective absorption of liquid methanol-water mixtures in carbon nanotubes
1008.	Liu, Y., Huang, Y., Xie, Y., Yang, Z., Huang, H., Zhou, Q.	2012	Preparation of highly dispersed CuPt nanoparticles on ionic-liquid-assisted graphene sheets for direct methanol fuel cell	Chemical engineering journal (Jul 15, 2012): 80-87.	N	N/A	N/A	Preparation of nanoparticles for direct methanol fuel cells
1009.	Liu, Y., Lotero, E., Goodwin Jr, J.G.	2006	A comparison of the esterification of acetic acid with methanol using heterogeneous versus homogeneous acid catalysis	Journal of Catalysis (2006) Vol. 242(2), pp. 278-286	N	N/A	N/A	Esterification of acetic acid with methanol
1010.	Liu, Y., Wei, W., Zeng, X., Liu, X.	2010	The role of DNA membrane in the electro-oxidation methanol by nickel ions modified electrode in alkaline medium	Catalysis Communications (2010) Vol. 11(10), pp. 884-886	N	N/A	N/A	Role of DNA membrane in electro-oxidation of methanol

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1011.	Liu, Y.D., Selbes, M., Zeng, C., Zhong, R., Karanfil, T.	2014	Formation mechanism of NDMA from ranitidine, trimethylamine, and other tertiary amines during chloramination: A computational study	Environ Sci Technol (2014) Vol. 48(15), pp. 8653-63	N	N/A	N/A	Formation of NDMA from tertiary amines
1012.	Liu, Z., Chen, H.	2012	Optimization of the synthetic process of antineoplastic drug procarbazine	Zhongguo Yaowu Huaxue Zazhi (2012) Vol. 22(6), pp. 499-502	N	N/A	N/A	Synthesis of procarbazine
1013.	Liu, Z., Horikawa, T., Do, D.D., Nicholson, D.	2012	Packing effects on argon and methanol adsorption inside graphitic cylindrical and slit pores: a GCMC simulation study	Journal of colloid and interface science 368.1 (Feb 15, 2012): 474-87.	N	N/A	N/A	Packing effects on argon and methanol adsorption inside graphitic cylindrical and slit pores
1014.	Liu, Z., Sun, M., Zhao, H., Zhao, M.	2015	Acute self-induced poisoning with sodium ferrocyanide and methanol treated with plasmapheresis and continuous renal replacement therapy successfully: a case report	Medicine (2015) Vol. 94(21), e890	N	N/A	N/A	Therapeutic effects of induced poisoning with sodium ferrocyanide and methanol
1015.	Liu, Z., Tan, J., Li, J., Ma, L., Wang, J.	2009	Application of growth regulators in protecting flowers and fruits of almond	Xinjiang Nongye Kexue (2009) Vol. 46(2), pp. 275-280	N	N/A	N/A	Efficacy study
1016.	Liu, Z., Yi Ling, X., Guo, B., Hong, L., Lee, J.Y.	2007	Pt and PtRu nanoparticles deposited on single-wall carbon nanotubes for methanol electro-oxidation	Journal of Power Sources 167.2 (May 2007): 272	N	N/A	N/A	Pt and PtRu nanoparticles in CNT

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1017.	Llop, A., Borrull, F., Pocurull, E.	2012	Pressurised hot water extraction followed by headspace solid-phase microextraction and gas chromatography-tandem mass spectrometry for determination of N-nitrosamines in sewage sludge	Talanta (2012) Vol. 88, pp. 284-9	N	N/A	N/A	Methodology for the detection of nitrosamines in sewage sludge
1018.	Lo, A.Y., Hung, C.T., Yu, N., Kuo, C.T., Liu, S.B.	2012	Syntheses of carbon porous materials with varied pore sizes and their performances as catalyst supports during methanol oxidation reaction	Applied Energy (2012) Vol. 100, pp. 66-74	N	N/A	N/A	Syntheses of carbon porous materials
1019.	Lo, K; Wong, S	2012	A passively-fed methanol steam reformer heated with two-stage bi-fueled catalytic combustor	Journal of Power Sources 213 (Sep 1, 2012): 112-118.	N	N/A	N/A	Methanol steam reformer heated with bi-fueled catalytic combustor
1020.	Lock, E.H., Saveliev, A.V., Kennedy, L.A.	2006	Methanol and dimethyl sulfide removal by pulsed corona. Part I: Experiment	Plasma Chemistry and Plasma processing 92006) Vol. 26(6), pp. 527-542	N	N/A	N/A	VOC removal
1021.	Lodeta, K.B., Ban, S.G., Perica, S., Dumičić, G., Bućan, L.	2010	Response of poinsettia to drench application of growth regulators	Food, Agriculture and Environment (2010) Vol. 8(1), pp. 297-301	N	N/A	N/A	Efficacy study
1022.	Loh, D.S.Y., Er, H.M., Chen, Y.S.	2009	Mutagenic and antimutagenic activities of aqueous and methanol extracts of <i>Euphorbia hirta</i>	Journal of Ethnopharmacology 126.3 (Dec 10, 2009): 406-14	N	N/A	N/A	Mutagenic and antimutagenic activities of plant extracts
1023.	Lohiya, N.K., Manivannan, B., Garg, S.	2006	Toxicological investigations on the methanol sub-fraction of the seeds of <i>Carica papaya</i> as a male contraceptive in albino rats	Reproductive toxicology 22.3 (Oct 2006): 461-8	N	N/A	N/A	Toxicity of plant extracts

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1024.	Lopez, D.E., Goodwin, Jr, J.G., Bruce, D.A.	2007	Transesterification of triacetin with methanol on Nafion acid resins	Journal of Catalysis (2007) Vol. 245(2), pp. 381-391	N	N/A	N/A	Transesterification of triacetin with methanol
1025.	López-Periago, J.E., Arias-Estévez, M., Soto-González, B., Trelles-Reinoso, S., Simal-Gándara, J.	2006	Influence of methanol on the dynamics of the retention and release of cyprodinil by an agricultural soil	Journal of agricultural and food chemistry 54.13 (Jun 28, 2006): 4751-7	N	N/A	N/A	Effects of methanol on cyprodinil levels in soil
1026.	Lorenzzetti, G S; Vaz, F A; de Bortoli, Á L	2013	Development of reduced reaction mechanisms for hydrogen and methanol diffusion flames	Mathematical and computer modelling 57.9-10 (May 2013): 2316-2324.	N	N/A	N/A	Reduced reaction mechanisms for hydrogen and methanol diffusion flames
1027.	Losada, M., Tran, H., Xu, Y.	2008	Lactic acid in solution: investigations of lactic acid self-aggregation and hydrogen bonding interactions with water and methanol using vibrational absorption and vibrational circular dichroism spectroscopies	The Journal of chemical physics 128.1 (Jan 7, 2008): 014508	N	N/A	N/A	Investigations of lactic acid self-aggregation and hydrogen bonding
1028.	Loukopoulos, I., Sfiniadakis, I., Pillai, A., Konstantoulakis, M., Androulakis, G., Bonatsos, V., Zografos, G., Papalois, A.	2014	Mycophenolate mofetil and sirolimus in hepatocyte transplantation in an experimental model of toxic acute liver failure	J Invest Surg (2014) Vol. 27(4), pp. 205-13	N	N/A	N/A	No relevant endpoints investigated
1029.	Lovato, M.A., Swairjo, M.A., Schimmel, P.	2004	Positional recognition of a tRNA determinant dependent on a peptide insertion	Mol Cell (2004) Vol. 13(6), pp. 843-851	N	N/A	N/A	Molecular biology study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1030.	Loza, R., Rodriguez, D.	2014	A case of methanol poisoning in a child	Case Reports in Nephrology (2014) Article ID 652129	N	N/A	N/A	Case of methanol poisoning
1031.	Lu, C., Liang, G., Tang, Y.	2010	Recovery of virus-free potato plant through meristem of apex stem and virus-free detection	Xinan Shifan Daxue Xuebao, Ziran Kexueban (2010) Vol. 35(1), pp. 111-114	N	N/A	N/A	Effect of plant hormones on potato meristem
1032.	Lü, H; Qi, Z; Fu, X; Cai, J; Shen, Q; Piao, F	2012	Ultrastructural changes of retina and liver in the rats with methanol poisoning	Journal of Dalian Medical University 34.2 (Apr 20, 2012): 138-141.	N	N/A	N/A	Ultrastructural changes of retina and liver in the rats with methanol poisoning
1033.	Lu, J., Li, W.S., Du, J.H., Fu, J.M.	2005	Co-deposition of Pt-HxMoO3 and its catalysis on methanol oxidation in sulfuric acid solution	JMNES (2005) Vol. 8(1), pp. 5-14	N	N/A	N/A	Catalytic oxidation of methanol on electrodes
1034.	Lu, K., Craft, S., Nakamura, J., Moeller, B.C., Swenberg, J.A.	2012	Use of LC-MS/MS and stable isotopes to differentiate hydroxymethyl and methyl DNA adducts from formaldehyde and nitrosodimethylamine	Chem Res Toxicol (2012) Vol. 25(3), pp. 664-75	N	N/A	N/A	Analytical method to differentiate between hydroxymethyl and methyl DNA adducts
1035.	Lu, K; Gul, H; Upton, P B; Moeller, B C; Swenberg, J A	2012	Formation of hydroxymethyl DNA adducts in rats orally exposed to stable isotope labeled methanol	Toxicological Sciences (2012) Vol. 126(1), pp. 28-38	N	N/A	N/A	Formation of hydroxymethyl DNA adducts in rats exposed to methanol
1036.	Lu, Q., Wu, J.H., Yu, Q.W., Feng, Y.Q.	2014	Using pollen grains as novel hydrophilic solid-phase extraction sorbents for the simultaneous determination of 16 plant growth regulators	J Chromatogr A (2014) Vol. 1367, pp. 39-47	N	N/A	N/A	Analytical detection of residues in foodstuffs

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1037.	Lu, Z., Wang, R., Xia, Z., Gong, L.	2013	Experimental investigation adsorption chillers using micro-porous silica gel-water and compound adsorbent-methanol	Energy conversion and management (Jan 2013): 430-437.	N	N/A	N/A	Experimental investigation into adsorption chillers
1038.	Lu, Z.S., Wang, R.Z.	2014	Study of the new composite adsorbent of salt LiCl/silica gel-methanol used in an innovative adsorption cooling machine driven by low temperature heat source	Renewable Energy 63 (Mar 1, 2014): 445-451.	N	N/A	N/A	Use of a new composite adsorbent in an innovative adsorption cooling machine
1039.	Lucena, I.L., Silva, G.F., Fernandes, F.A.N.	2008	Biodiesel production by esterification of oleic acid with methanol using a water adsorption apparatus	Industrial & Engineering Chemistry Research 47.18 (2008): 6885-6889	N	N/A	N/A	Biodiesel production
1040.	Lue, S.J., Ou, J.S., Kuo, C.H., Chen, H.Y., Yang, Yang, T-H.	2010	Pervaporative separation of azeotropic methanol/toluene mixtures in polyurethane-poly(dimethylsiloxane) (PU-PDMS) blend membranes: correlation with sorption and diffusion behaviors in a binary solution system	Journal of Membrane Science 347.1/2 (2010): 108-115	N	N/A	N/A	Pervaporative separation of azeotropic methanol/toluene mixtures
1041.	Luh, J., Mariñas, B.J.	2012	Bromide ion effect on N-nitrosodimethylamine formation by monochloramine	Environ Sci Technol (2012) Vol. 46(9), pp. 5085-92	N	N/A	N/A	Effect of bromide ions on NDMA formation
1042.	Luh, J., Mariñas, B.J.	2014	Kinetics of bromochloramine formation and decomposition	Environ Sci Technol (2014) Vol. 48(5), pp. 2843-52	N	N/A	N/A	Kinetics of bromochloramine formation and decomposition

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1043.	Lunga, P K; Nkodo, J M M; Tamokou, J D; Kuiate, J R; Gatsing, D; Tchoumboue, J	2015	Post-treatment evaluation of the side effects of methanol leaf extract from <i>Paullinia pinnata</i> (Linn.), an antityphoid plant.	Pharmacologia 6.7 (2015): 264-272.	N	N/A	N/A	Effects of plant extracts
1044.	Luo, H., Li, J.	2005	Effects of pretreating solution containing B9 on senescence of cut flower of lily	Zhiwu Shenglixue Tongxun (2005) Vol. 41(1), pp. 34-36	N	N/A	N/A	Efficacy study
1045.	Luo, H., Wang, Y., Mao, Y., Jia, N., Jing, H.	2004a	Effect of preservatives including B9 and 6-BA on fresh keeping of cut gerbera flower	Wuhan Huagong Xueyuan Xuebao (2004) Vol. 26(4), pp. 24-26	N	N/A	N/A	Efficacy study
1046.	Luo, H-Y., Jing, H-J., Li, Z-Z.	2004b	Physiological effects of preservative containing B9 on cut gerbera flower	Huazhong Shifan Daxue Xuebao Ziranxueban (2004) Vol. 38(3), pp. 367-369	N	N/A	N/A	Physiological effects of PGRs
1047.	Luo, Q., Wang, D., Wang, Z.	2012	Occurrences of nitrosamines in chlorinated and chloraminated drinking water in three representative cities, China	Sci Total Environ (2012) Vol. 437, pp. 219-25	N	N/A	N/A	Occurrence of nitrosamines in drinking water
1048.	Luo, S., Chen, Y., Xie, A., Kong, Y., Tao, Y., Pan, Y., Yao, C.	2015	Synthesis of PtNFs/PANI/NG with enhanced electrocatalytic activity towards methanol oxidation	Ionics (2015) Vol. 21(5), pp. 1277-1286	N	N/A	N/A	Synthesis of electrocatalysis for methanol oxidation
1049.	Luo, W., Ou, S., Jin, Y., Qin, H., Sun, X.	2012	Effects of total flavone from <i>Litchi chinensis</i> Sonn on the expression of NF- κ B p65 and hepatic fibrosis in rats	Guangdong Yixue (2012) Vol. 33(21), pp. 3201-3204	N	N/A	N/A	Effect of flavones from <i>L. chinensis</i> on hepatic fibrosis

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1050.	Luo, W-S., Jin, Y-L., Ou, S-Y., Qin, H., Sun, X-R.	2012	Effect of total flavone of <i>Litchi chinensis</i> Sonn on the expression of Bcl-2 and Bax in hepatic fibrosis in rats	World Chinese Journal of Digestology (2012) Vol. 20(18), pp. 1602-1608	N	N/A	N/A	Effect of flavones from <i>L. chinensis</i> on hepatic fibrosis
1051.	Luo, Y., Xiao, Y., Cai, G., Zheng, Y., Wei, K.	2013	Complete methanol oxidation in carbon monoxide streams over Pd/CeO ₂ catalysts: Correlation between activity and properties	Applied Catalysis B: Environmental 136-137 (Jun 5, 2013): 317-324.	N	N/A	N/A	Methanol oxidation in carbon monoxide streams over catalysts
1052.	Luo, Y., Zeng, X.N., Ju, J.H., Zhang, S., Wu, S.Z.	2005	Molluscicidal activity of the methanol extracts of 40 species of plants	Plant Protection 31.1 (2005): 31-34	N	N/A	N/A	Molluscicidal activity of plant extracts
1053.	Lv, J., Li, Y., Song, Y.	2013	Reinvestigation on the ozonation of N-nitrosodimethylamine: Influencing factors and degradation mechanism	Water Res (2013) Vol. 47(14), pp. 4993-5002	N	N/A	N/A	Ozone in NDMA degradation
1054.	Ma, S., Guu, M.	2012	Effects of water stress and selected plant growth retardants on growth and flowering of 'Raspberry Ice' bougainvillea (<i>Bougainvillea spectabilis</i>)	Acta Horticulturae (2012) No. 937, pp. 237-242	N	N/A	N/A	Efficacy study
1055.	Ma, Y., Ge, Q., Li, W., Xu, H.	2009	Methanol synthesis from sulfur-containing syngas over Pd/CeO ₂ catalyst	Applied Catalysis B: Environmental (2009) Vol. 90(1), pp. 99-104	N	N/A	N/A	Methanol synthesis from sulphur-containing syngas
1056.	Ma, Z., Dong, Q., Yang, C., Wei, W., Chen, J., Sun, Y.	2006	Study of methanol adsorption on zirconia polymorphs by FTIR	Guang pu 26.3 (Mar 2006): 422-5	N	N/A	N/A	Methanol adsorption on zirconia
1057.	Maas, A.A. van der, Ijdo, M., Bolk, C., Marrewijk, I. van	2014	Good irrigation water on propagation companies to avoid emission of nutrients and crop protection agents	Acta Horticulturae (2014) No. 1034, pp. 117-124	N	N/A	N/A	Development of quality standards for irrigation water

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1058.	Maasa, U.	2006	Comparison between agricultural chemicals detection case in food imports in the first half of the year of 2005 fiscal year in Japan, and reference values in positive list system	Shokuhin Eisei Kenyu (2006) Vol. 56(3), pp. 13-19	N	N/A	N/A	Detection of residues in foodstuffs
1059.	MacAllister, S L; Choi, J; Dedina, L; O'Brien, P J	2011	Metabolic mechanisms of methanol/formaldehyde in isolated rat hepatocytes: carbonyl-metabolizing enzymes versus oxidative stress	Chemico-biological interactions 191.1-3 (May 30, 2011): 308-14.	N	N/A	N/A	Metabolism of methanol/ formaldehyde in isolated rat hepatocytes
1060.	Mack, F; Gogel, V; Jörissen, L; Kerres, J	2014	High performance anode based on a partially fluorinated sulfonated polyether for direct methanol fuel cells operating at 130 °C	Journal of Power Sources 255 (2014): 223-229.	N	N/A	N/A	High performance anode for direct methanol fuel cells
1061.	Mackey, V R; Muthian, G; Smith, M; King, J; Charlton, C G		Prenatal exposure to methanol as a dopamine system sensitization model in C57BL/6J mice	Life sciences 91.19-20 (Nov 2, 2012): 921-7.	N	N/A	N/A	Exposure to methanol as a dopamine system sensitisation model
1062.	Maeng, I., Baek, S.H., Kim, H.Y., Ok, G.S., Choi, S.W., Chun, H.S.	2014	Feasibility of using terahertz spectroscopy to detect seven different pesticides in wheat flour	J Food Prot (2014) Vol. 77(12), pp. 2081-7	N	N/A	N/A	Detection of pesticides in HPDE/ wheat flour mixtures
1063.	Magkoufopoulou, C., Claessen, S.M., Tsamou, M., Jennen, D.G., Kleijnans, J.C., van Delft, J.H.	2012	A transcriptomics-based in vitro assay for predicting chemical genotoxicity in vivo	Carcinogenesis (2012) Vol. 33(7), pp. 1421-9	N	N/A	N/A	Development of an intro assay for predicting in vivo genotoxicity

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1064.	Mahalakshmi, M; Parimala, M; Shoba, F.G.	2014	Evaluation of anti-diarrhoeal potential of methanol extract of <i>Ficus bengalensis</i> Linn. leaf and <i>Mangifera indica</i> Linn. stem bark and root bark	International Journal of Pharmacognosy and Phytochemical Research 6.3 (Sep 1, 2014): 454-458.	N	N/A	N/A	Anti- diarrhoeal potential of plant extracts
1065.	Mahapatra, S.K., Chakraborty, S.P., Das, S., Roy, S.	2009	Methanol extract of <i>Ocimum gratissimum</i> protects murine peritoneal macrophages from nicotine toxicity by decreasing free radical generation, lipid and protein damage and enhances antioxidant protection	Oxidative medicine and cellular longevity 2.4 (Sep 2009 - Oct 2009): 222-30	N	N/A	N/A	Protection of murine peritoneal macrophages from nicotine toxicity by plant extracts
1066.	Mahat, M A; Patil, B M	2007	Evaluation of antiinflammatory activity of methanol extract of <i>Phyllanthus amarus</i> in experimental animal models	Indian Journal of Pharmaceutical Sciences 69.1 (2007): 33-36	N	N/A	N/A	Antiinflammatory activity of plant extracts
1067.	Mahdi-Pour, B., Jothy, S.L., Latha, L.Y., Chen, Y., Sasidharan, S.	2012	Antioxidant activity of methanol extracts of different parts of <i>Lantana camara</i>	Asian Pac J Trop Biomed. (2012) Vol. 2(12), pp. 960–965	N	N/A	N/A	Antioxidant activity of plant extracts
1068.	Mahendran, G; Thamotharan, G; Sengottuvelu, S; Bai, V N	2014	Evaluation of anticonvulsant, sedative, anxiolytic, and phytochemical profile of the methanol extract from the aerial parts of <i>Swertia corymbosa</i> (Griseb.) wight ex C.B. Clarke	BioMed Research International 2014 (2014).	N	N/A	N/A	Anticonvulsant, sedative, anxiolytic, and phytochemical profile of plant extract

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1069.	Maheswari, C; Venkatnarayanan, R; Babu, P; Johnson, D. B; Kattuparuthi, S; Krishna, G	2012	Anti-Inflammatory activity of Methanol extract of the leaves of <i>Orthosiphon stamineus</i>	Research Journal of Pharmacy and Technology 5.12 (2012): 1585-1587.	N	N/A	N/A	Anti-Inflammatory activity of plant extracts
1070.	Mahmood, N.D., Mamat, S.S., Kamisan, F.H., Yahya, F., Kamarolzaman, M.F.F., Nasir, N., Mohtarrudin, N., Tohid, S.F.Md., Zakaria, Z.A.	2014	Amelioration of paracetamol-induced hepatotoxicity in rat by the administration of methanol extract of <i>Muntingia calabura</i> L. leaves	BioMed Research International (2014) Article ID 695678	N	N/A	N/A	Amelioration of paracetamol-induced hepatotoxicity by plant extracts
1071.	Mahmoud, S.S., Ahmed, M.M.	2008	Investigation of the optimum conditions for the electrocatalytic oxidation of methanol on Ti/PbO ₂ modified electrode	Physical Chemistry (2008) Vol. 3(2-3), pp. 135-141	N	N/A	N/A	Optimum conditions for the oxidation of methanol
1072.	Maia, J.D.G., Ritschel, P., Camargo, U.A., de Souza, R.T., Fajardo, T.V., de Lellis Navas, R., Girardi, C.L.	2012	'BRS Vitória'. Nova cultivar de uva de mesa sem sementes com sabor especial e tolerante ao mildio	Bento Gonçalves, RS: Embrapa Uva e Vinho, 2012	N	N/A	N/A	Efficacy/ resistance study (in Portuguese)
1073.	Maideen, N M P; Velayutham, R; Manavalan, G	2011	Acute and subacute toxicity of methanol extract of <i>Prosopis cineraria</i> in rats	Middle East Journal of Scientific Research 7.6 (2011): 931-936	N	N/A	N/A	Toxicity of plant extracts

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1074.	Mainardi, J. de C.C.T., Belle, R.A., Mainardi, L.	2004	Production of chrysanthemum (<i>Dendranthema grandiflora</i> Tzvelev.) 'Snowdon' in pots II: cycle, leaf length, width and area	Ciencia Rural (2004) Vol. 34(6), pp. 1709-1714	N	N/A	N/A	Efficacy study
1075.	Maitra, A., Bagchi, S.	2008	UV-visible spectroscopic study of solvation in ternary solvent mixtures: ketocyanine dye in methanol + acetone + water and methanol + acetone + benzene	The journal of physical chemistry. B 112.7 (Feb 21, 2008): 2056-62	N	N/A	N/A	Solvation in ternary solvent mixtures
1076.	Malainine, S.M., Moussaoui, W., Prévost, G., Scheftel, J.M., Mimouni, R.	2013	Rapid identification of <i>Vibrio parahaemolyticus</i> isolated from shellfish, sea water and sediments of the Khnifiss lagoon, Morocco, by MALDI-TOF mass spectrometry	Lett Appl Microbiol (2013) Vol. 56(5), pp. 379-86	N	N/A	N/A	Analytical detection of <i>V. parahaemolyticus</i> isolated from shellfish, sea water and sediments
1077.	Maliakal, P., Abdelrahim, M., Sankpal, U.T., Maliakal, C., Baker, C.H., Safe, S., Herrera, L.J., Abudayyeh, A., Kaja, S., Basha, R.	2012	Chemopreventive effects of tolfenamic acid against esophageal tumorigenesis in rats	Invest New Drugs (2012) Vol. 30(3), pp. 853-61	N	N/A	N/A	Chemopreventive effects of tolfenamic acid
1078.	Maliutina, N.N., Taranenko, L.A.	2013	Disorders of adaptational resources in workers engaged in methanol and formaldehyde production	Med Tr Prom Ekol (2013) Vol. 11, pp. 1-5	N	N/A	N/A	Human adaptational potential

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1079.	Mallakpour, S; Zhiani, M; Barati, A; Rostami, H	2013	Improving the direct methanol fuel cell performance with poly(vinyl alcohol)/titanium dioxide nanocomposites as a novel electrolyte additive	International Journal of Hydrogen Energy 38.28 (2013): 12418-12426.	N	N/A	N/A	Improving direct methanol fuel cell performance
1080.	Malviya, S., Jian, N., Ramawat, K.G.	2011	Effect of alar and CCC on induction and germination of bulbils in <i>Curculigo orchoides</i> grown in shake flask cultures	Acta Physiologie Plantarum (2011) Vol. 33(4), pp. 1543-1545	N	N/A	N/A	Efficacy study
1081.	Malyutina, N.N., Taranenko, L.A., Shcekotova, A.P.	2013	Cytological study of the mucous membranes of the upper respiratory tract in workers having direct contact with methanol and formaldehyde	World Applied Sciences Journal (2013) Vol. 24(2), pp. 163-167	N	N/A	N/A	Effects of methanol on mucous membranes of the upper respiratory tract; no relevant endpoints investigated
1082.	Mamat, S.S., Kamarolzaman, M.F., Yahya, F., Mahmood, N.D., Shahril, M.S., Jakius, K.F., Mohtarrudin, N., Ching, S.M., Susanti, D., Taher, M., Zakaria, Z.A.	2013	Methanol extract of <i>Melastoma malabathricum</i> leaves exerted antioxidant and liver protective activity in rats	BMC Complement Altern med (2013) Vol. 13, pp. 326	N	N/A	N/A	Antioxidant and liver protective activity of plant extracts
1083.	Mangave, B.D., Singh, A., Mahatma, M.K.	2013	Effects of different plant growth regulators and chemicals spray on post harvest physiology and vase life of <i>Heliconia inflorescence</i> cv. Golden Torch	Plant Growth Regulation (2013) Vol. 69(3), pp. 259-264	N	N/A	N/A	Efficacy study

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1084.	Mao, Y-F., Li, Y-Q., Zong, L., You, X-M., Lin, F-Q., Jiang, L.	2010	Methanol extract of <i>Phellodendri cortex</i> alleviates lipopolysaccharide-induced acute airway inflammation in mice	Immunopharmacology and immunotoxicology 32.1 (Mar 2010): 110-5	N	N/A	N/A	Plant extracts alleviate cute airway inflammation in mice
1085.	Mariita, R.M., Ogol, C.K.P.O., Oguge, N.O., Okemo, P.O.	2010	Antitubercular and phytochemical investigation of methanol extracts of medicinal plants used by the samburu community in Kenya	Tropical Journal of Pharmaceutical Research 9.4 (Aug 2010): 379-385	N	N/A	N/A	Antitubercular and phytochemical investigation of plant extracts
1086.	Marosz, A., Matysiak, B.	2005	Influence of growth retardants on growth and flower bud formation in rhododendron and azalea	Dendrobiology (2005) Vol. 54, pp. 35-40	N	N/A	N/A	Efficacy study
1087.	Marti, E.J., Pisarenko, A.N., Peller, J.R., Dickenson, E.R.	2014	N-nitrosodimethylamine (NDMA) formation from the ozonation of model compounds	Water Res (2014) doi: 10.1016/j.watres.2014.08.047	N	N/A	N/A	NDMA formation via ozonation of precursors
1088.	Martin, M.T., Judson, R.S., Reif, D.M., Kavlock, R.J., Dix, D.J.	2009	Profiling chemical based on chronic toxicity results from the U.S. EPA ToxRef Database	Environ Health Perspect (2009) Vol. 117(3), pp. 392-399	N	N/A	N/A	Profiling of chemicals based on chronic toxicity data
1089.	Martin, M.T., Knudsen, T.B., Reif, D.M., Houck, K.A., Judson, R.S., Kavlock, R.J., Dix, D.J.	2011	Predictive model of rat reproductive toxicity from ToxCast high throughput screening	Biol Reprod (2011) Vol. 85(2), pp. 327-39	N	N/A	N/A	Compilation of existing data into a predictive model. No new data
1090.	Martinez, S., Zinoal, C.F.	2007	Surface metal modifiers for methanol electrooxidation on platinum; silver and mercury	Journal of Solid State Electrochemistry (2007) Vol. 11(7), pp. 947-957	N	N/A	N/A	Surface metal modifiers for methanol electrooxidation on platinum

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1091.	Mata, D.A., Botto, J.F.	2009	Manipulation of light environment to produce high-quality poinsettia plants	HortScience (2009) Vol. 44(3), pp. 702-706	N	N/A	N/A	Manipulation of light quality, as an alternative to PGRs, for production of poinsettias
1092.	Mate, B., Galvez, O., Herrero, V.J., Escribano, R.	2009	Infrared spectra and thermodynamic properties of CO ₂ /methanol ices	Astrophysical Journal 690.1 (Jan 2009): 486-495	N	N/A	N/A	IR spectra and thermodynamic properties of CO ₂ /methanol ices
1093.	Mathe, N.R., Scriba, M.R., Coville, N.J.	2014	Methanol oxidation reaction activity of microwave-irradiated and heat-treated Pt/Co and Pt/Ni nano-electrocatalysts	International Journal of Hydrogen Energy (2014) Vol. 39(33), pp. 18871-18881	N	N/A	N/A	Methanol oxidation reaction activity of electrocatalysts
1094.	Mathew, R., Dashora, L.K., Verma, P.	2004	Effect of growth retardants and micronutrients on growth and yield of African marigold (<i>Tagetes erecta</i> L.) cv. Pusa Basanti	Scientific Horticulture (2004), Vol. 9, pp. 213-218	N	N/A	N/A	Efficacy study
1095.	Mathews, J.M., Watson, S.L., Patel, B.R., Black, S.R., Hing, Y., Levine, K.E., Ross, G., Germolec, D.R., Thakur, S.A., Waidyanatha, S.	2014	Metabolism and disposition of [(14)C]dimethylamine borane in male Harlan Sprague Dawley rats following gavage administration, intravenous administration and dermal application	Xenobiotica (2014) Vol. 44(1), pp. 36-47	N	N/A	N/A	Metabolism and distribution of dimethylamine borane
1096.	Mathur, A; Purohit, R; Mathur, D; Prasad, G. B. K. S.; Dua, V K	2011	Pharmacological investigation of methanol extract of <i>Mentha piperita</i> L. roots on the basis of antimicrobial, antioxidant and anti-inflammatory properties	Der Pharmacia Sinica 2.1 (2011): 208-216	N	N/A	N/A	Pharmacological investigation of plant extracts

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1097.	Matić, S., Katanić, J., Stanić, S., Mladenović, M., Stanković, N., Mihailović, V., Boroja, T.	2015	In vitro and in vivo assessment of the genotoxicity and antigenotoxicity of the <i>Filipendula hexapetala</i> and <i>Filipendula ulmaria</i> methanol extracts	Journal of Ethnopharmacology 174 (Nov 4, 2015): 287-92.	N	N/A	N/A	Genotoxicity of plant extracts
1098.	Matic, S., Stanic, S., Bogojevic, D., Vidakovic, M., Grdovic, N., Dinic, S., Solujic, S., Mladenovic, M., Stankovic, N., Mihalovic, M.	2013	Methanol extract from the stem of <i>Cotinus coggygia</i> Scop., and its major bioactive phytochemical constituent myricetin modulate pyrogallol-induced DNA damage and liver injury	Mutat Res (2013) Vol. 755(2), pp. 81-9	N	N/A	N/A	Plant extract modification of DNA damage and liver injury
1099.	Matic, S., Stanic, S., Solujic, S., Milošević, T., Niciforovic, N.	2011	Biological properties of the <i>Cotinus coggygia</i> methanol extract	Periodicum Biologorum 113.1 (2011): 87-92	N	N/A	N/A	Biological properties of plant extracts
1100.	Matolín, V., Johánek, V., Skoda, M., Tsud, N., Prince, K.C., Skála, T., Matolínová, I.	2010	Methanol adsorption and decomposition on Pt/CeO ₂ (111)/Cu(111) thin film model catalyst	Langmuir 26.16 (Aug 17, 2010): 13333-41	N	N/A	N/A	Methanol adsorption and decomposition on catalysts
1101.	Matsuoka, K., Iriyama, Y., Abe, T., Matsuoka, M., Ogumi, Z.	2005	Electro-oxidation of methanol and ethylene glycol on platinum in alkaline solution: Poisoning effects and product analysis	Electrochimica Acta 92005) Vol. 51(6), pp. 1085-1090	N	N/A	N/A	Electro-oxidation of methanol
1102.	Maurin, G., Plant, D.F., Henn, F., Bell, R.G.	2006	Cation migration upon adsorption of methanol in NaY and NaX faujasite systems: a molecular dynamics approach	The journal of physical chemistry. B 110.37 (Sep 21, 2006): 18447-54	N	N/A	N/A	Molecular dynamics simulations of cation migration

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1103.	Maurya, R.K., Agarwal, A.K.	2009	Experimental investigation of cycle-by-cycle variations in CAI/HCCI combustion of gasoline and methanol fuelled engine	SAE Technical Papers (2009) doi: 10.4271/2009-01-1345	N	N/A	N/A	CAI/HCCI combustion of gasoline and methanol fuelled engine
1104.	May, A., Magalhães, P.C., Abreu, M.C., Parrella, N.N.L.D., Campanha, M.M., Sliva, A.F. da, Schaffert, R.E., Parella, R.A. da C.	2013	Phytohormones on vegetative development and germination of sweet sorghum	Revista Brasileira de Milho e Sorgo (2013) Vol. 12(1), pp. 33-43	N	N/A	N/A	Efficacy study
1105.	Mayes, W.M., Davis, J., Silva, V., Jarvis, A.P.	2011	Treatment of zinc-rich acid mine water in low residence time bioreactors incorporating waste shells and methanol dosing	Journal of Hazardous Materials (2011) Vol. 193, pp. 279-87	N	N/A	N/A	Treatment of zinc-rich acid mine water in bioreactors
1106.	McCurry, D.I., Bear, S.E., Bae, J., Sedlak, D.L., McCarty, P.L., Mitch, W.A.	2014	Superior removal of disinfection byproduct precursors and pharmaceuticals from wastewater in a staged anaerobic fluidized membrane bioreactor compared to activated sludge	Environ Sci Technol (2014) Vol. 1(11), pp. 459-464	N	N/A	N/A	Removal of disinfection byproducts and pharmaceuticals from wastewater
1107.	McDonald, J.A., Harden, N.B., Nghiem, L.D., Khan, S.J.	2012	Analysis of N-nitrosamines in water by isotope dilution gas chromatography-electron ionisation tandem mass spectrometry	Talanta (2012) Vol. 99, pp. 146-54	N	N/A	N/A	Analytical method for detection of nitrosamines in water

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1108.	McInroy, A.R., Lundie, D.T., Winfield, J.M., Dudman, C.C., Jones, P., Lennon, D.	2005	The application of diffuse reflectance infrared spectroscopy and temperature-programmed desorption to investigate the interaction of methanol on eta-alumina	Langmuir : the ACS journal of surfaces and colloids 21.24 (Nov 22, 2005): 11092-8	N	N/A	N/A	The interaction of methanol on eta-alumina
1109.	Megarbane, B., Houze, P., Baud, F.J.	2008	Oral fomepizole administration to treat ethylene glycol and methanol poisonings: advantages and limitations	Clin Toxicol (2008) Vol. 46(10), pp. 1097	N	N/A	N/A	Oral fomepizole administration produces similar blood levels as IV treatment
1110.	Meher, S.K., Rao, G.R.	2012	Polymer-assisted hydrothermal synthesis of highly reducible shuttle-shaped CeO ₂ : Microstructural effect on promoting Pt/C for methanol electrooxidation	ACS Catal (2012) Vol. 2(12), pp. 2795-2809	N	N/A	N/A	Synthesis of shuttle-shaped CeO ₂
1111.	Meher, S.K., Rao, G.R.	2013	Morphology-controlled promoting activity of nanostructured MnO ₂ for methanol and ethanol electrooxidation on Pt/C	J Phys Chem (2013) Vol. 117(10), pp. 4888-4900	N	N/A	N/A	Microstructure effect of MnO ₂ for methanol and ethanol electrooxidation
1112.	Mehmood, F., Greeley, J., Zapol, P., Curtiss, L.A.	2010	Comparative density functional study of methanol decomposition on Cu ₄ and Co ₄ clusters	The journal of physical chemistry. B 114.45 (Nov 18, 2010): 14458-66	N	N/A	N/A	Methanol decomposition on Cu ₄ and Co ₄ clusters
1113.	Mehrafarin, A; Badi, H N; Qaderi, A; Labbafi, M R; Noormohammadi, G; Qavami, N; Sahandi, M S	2015	Changes in seed yield and mucilage of fenugreek (<i>Trigonella foenum-graecum</i> L.) in response to foliar application of methanol as a bio-stimulant.	Journal of Medicinal Plants 14.54 (2015): Pe86-Pe100, Pe199.	N	N/A	N/A	Effects of methanol on seed yield and mucilage

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1114.	Meijón, M., Cañal, M.J., Valledor, L., Rodríguez, R., Feito, I.	2011	Epigenetic and physiological effects of gibberellin inhibitors and chemical pruners on the floral transition of azalea	Physiol Plant (2011) Vol. 141(3), pp. 276-88	N	N/A	N/A	Effect of PGRs on the flowering of azaleas
1115.	Meijón, M., Rodríguez, R., Cañal, M.J., Feito, I.	2009	Improvement of compactness and floral quality in azalea by means of application of plant growth regulators	Scientia Horticulturae (2009) Vol. 119(2), pp. 169-176	N	N/A	N/A	Use of PGRs on azalea
1116.	Meineri, G., Medana, C., Giancotti, V., Visentin, S., Peiretti, P.G.	2013	Effect of dietary supplementation of vitamin E in pigs to prevent the formation of carcinogenic substances in meat products	Journal of Food Composition and Analysis (2013) Vol. 30(2), pp. 67-72	N	N/A	N/A	Dietary supplementation of vitamin E in pigs to prevent the formation of carcinogenic substances in meat products
1117.	Mekenyan, O., Dimitrov, S., Serafimova, R., Thompson, E., Kotov, S., Dimitrova, N., Walker, J.D.	2004	Identification of the structural requirements for mutagenicity, by incorporating molecular flexibility and metabolic activation of chemicals. II. General ames mutagenicity model	Chem Res Toxicol (2004) Vol. 17(6), pp. 753-66	N	N/A	N/A	Modelling of mutagenicity

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1118.	Mekenyan, O.G, Petkov, P.I., Kotov, S.D., Stoeva, S., Kamenska, V.B., Dimitrov, S.D., Honma, M., Hayashi, M., Bengini, R., Donner, E.M., Patlewicz, G.	2012	Investigating the relationship between in vitro-in vivo genotoxicity: Derivation of mechanistic QSAR models for in vivo liver genotoxicity and in vivo bone marrow micronucleus formation which encompass metabolism	Chem Res Toxicol (2012) Vol. 25(2), pp. 277-96	N	N/A	N/A	Development of QSAR models
1119.	Mekki, L	2014	Genoprotectivity of methanol and ethanol extracted leaf sap of <i>Trigonella foenum-graecum</i> in <i>Allium cepa</i> root assay	Acta Biologica Hungarica 65.1 (Mar 2014): 85-95.	N	N/A	N/A	Genoprotectivity of a plant extract
1120.	Mekki, L.	2014	Hepato-protective potential of methanol extract of leaf of <i>Ziziphus mucronata</i> (ZMLM) against dimethoate toxicity: biochemical and histological approach	Acta Biol Hung (2014) Vol. 65(1), pp. 85-95	N	N/A	N/A	Hepato-protective potential of plant extracts
1121.	Melis, J.P., Derks, K.W., Pronk, T.E., Wackers, P., Schaap, M.M., Zwart, E., van Ijcken, W.F., Jonker, M.J., Breit, T.M., Pothof, J., van Steeg, H., Luijten, M.	2014	In vivo murine hepatic microRNA and mRNA expression signatures predicting the (non-) genotoxic carcinogenic potential of chemicals	Arch Toxicol (2014) Vol. 88(4), pp. 1023-34	N	N/A	N/A	Toxicogenomics-based approach for the assessment of non-genotoxic, carcinogenic features of chemicals

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1122.	Mello, S.C., Matsuzaki, R.T., Campagnol, R., Mattiuz, C.F.	2012	Effects of plant growth regulators in ornamental kale (<i>Brassica oleracea</i> var. <i>acephala</i>)	Acta Horticulturae (2012) No. 937, pp. 245-251	N	N/A	N/A	Efficacy study
1123.	Mendes, L; Medeiros, J L d; Alves, R M B; Araujo, O Q F	2014	Production of methanol and organic carbonates for chemical sequestration of CO ₂ from an NGCC power plant	Clean Technologies and Environmental Policy 16.6 (2014): 1095-1105.	N	N/A	N/A	Production of methanol and organic carbonates for sequestration of CO ₂
1124.	Meng, Q-M., Chen, X-P., Zhuang, Y-M., Liang, C.	2013	Effect of temperature on controlled air oxidation of plastic and biomass in a packed-bed reactor	Chemical Engineering & Technology (2013) Vol. 36(2), pp. 220-227	N	N/A	N/A	Effect of temperature on controlled air oxidation of plastic and biomass in a packed-bed reactor
1125.	Mergel, J; Janßen, H; Müller, M; Wilhelm, J; Stolten, D	2012	Development of direct methanol fuel cell systems for material handling applications	Transactions of the ASME, Journal of Fuel Cell Science and Technology 9.3 (2012): 031011/1-10.	N	N/A	N/A	Development of direct methanol fuel cell systems
1126.	Meshram, J.H., Palit, P.	2013	On the role of cell wall lignin in determining the fineness of jute fibre	Acta Physiologiae Plantarum (2013) Vol. 35 (5), pp. 1565-1578	N	N/A	N/A	Relationship between lignin synthesis and accumulation in the fibre cell walls and fibre fineness
1127.	Messaoudi, S., Kergourlay, G., Rossero, A., Ferchichi, M., Prévost, H., Drider, D., Manai, M., Dousset, X.	2011	Identification of lactobacilli residing in chicken ceca with antagonism against <i>Campylobacter</i>	Int Microbiol (2011) Vol. 14(2), pp. 103-110	N	N/A	N/A	Characterisation of lactic acid bacteria from chicken

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1128.	Mezcua, M., Malato, O., García-Reyes, J.F., Molina-Díaz, A., Fernández-Alba, A.R.	2009	Accurate-mass databases for comprehensive screening of pesticide residues in food by fast liquid chromatography time-of-flight mass spectrometry	Anal Chem (2009) Vol. 81(3), pp. 913-29	N	N/A	N/A	Determination of residues in foodstuffs
1129.	Mielke, Z., Mucha, M., Bil, A., Golec, B., Coussan, S., Roubin, P.	2008	Photo-induced hydrogen exchange reaction between methanol and glyoxal: formation of hydroxyketene	Chemphyschem 9.12 (Aug 25, 2008): 1774-80	N	N/A	N/A	Photo-induced hydrogen exchange reaction between methanol and glyoxal
1130.	Mikami, Y; Ikehata, A; Hashimoto, C; Ozaki, Y	2014	Near-infrared (NIR) study of hydrogen bonding of methanol molecules in polar and nonpolar solvents: an approach from concentration-dependent molar absorptivity	Applied spectroscopy 68.10 (2014): 1181-9.	N	N/A	N/A	Hydrogen bonding of methanol molecules in polar and nonpolar solvents
1131.	Milcheski, D.A., Chang, A.A., Lobato, R.C., Nakamoto, H.A., Tuma Jr, P., Ferreira, M.C.	2014	Coverage of deep cutaneous wounds using dermal template in combination with negative-pressure therapy and subsequent skin graft	Plast Reconstr Surg Glob Open (2014) Vol. 2(6), e170	N	N/A	N/A	Efficacy of covering acute deep wounds using dermal regeneration templates
1132.	Miller, L., Wells, P.G.	2011	Altered methanol embryopathies in embryo culture with mutant catalase-deficient mice and transgenic mice expressing human catalase	Toxicology and Applied Pharmacology (2011) Vol. 252(1), pp. 55-61	N	N/A	N/A	Mechanisms of teratogenicity in mice; no relevant endpoints investigated

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1133.	Minami, T., Espienko, N.A., Zhang, B., Kozelkova, M.E., Isaacs, L., Nishiyabu, R., Kubo, Y., Anzenbacher, P. Jr.	2012	Supramolecular sensor for cancer-associated nitrosamines	J Am Chem Soc (2012) Vol. 134(49), pp. 20021-4	N	N/A	N/A	Use of supramolecular assays for nitrosamines
1134.	Mirji, S.A., Adyanthaya, S.D., Ravi, V., Jacob, N.E., Jha, R.K., Patil, K.R., Gholap, R.S., Gaikwad, A.B	2007	Methanol adsorption on soybean oil lamp created carbon nanomaterial	Colloids and Surfaces A: Physicochemical and Engineering Aspects 302.1-3 (Jul 20, 2007): 337-341	N	N/A	N/A	Methanol adsorption on nanomaterials
1135.	Mirji, S.A.; Halligudi, S.B.; Mathew, Nevin ; Ravi, V.; Jacob, Nalini E.; Patil, K.R.	2006	Adsorption of methanol on Si(1 0 0)/SiO ₂ and mesoporous SBA-15	Colloids and Surfaces A: Physicochemical and Engineering Aspects 287.1-3 (Sep 15, 2006): 51-58	N	N/A	N/A	Adsorption of methanol on Si(1 0 0)/SiO ₂ and mesoporous SBA-15
1136.	Miró Sabaté, C., Delalu, H., Jeanneau, H.	2012	Synthesis, characterization, and energetic properties of salts of the 1-cyanomethyl-1,1-dimethylhydrazinium cation	Chem Asian J (2012) Vol. 7(5), pp. 1085-95	N	N/A	N/A	Synthesis, characterization and energetic properties of salts of the 1-cyanomethyl-1,1-dimethylhydrazinium cation
1137.	Miroshnichenko, D., Filippov, M., Dlogov, S.	2009	Effects of daminozide on somatic embryogenesis from immature and mature embryos of wheat	Australian Journal of Crop Science (2009) Vol. 3(2), pp. 83-94	N	N/A	N/A	Effects of daminozide on somatic embryogenesis in wheat

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1138.	Mitch, W.A.	2012	Nitrogenous DBPs, formation, control and new frontiers	Hrudey, SE [Editor]; Charrois, JWA [Editor]. (2012) pp. 73-81. Disinfection By-Products: Relevance to Human Health	N	N/A	N/A	No relevant endpoints investigated
1139.	Mitom, Y., Kakeda, M., Simion, A.M., Egashira, N., Simion, C.	2009	Metallic Ca-Rh/C-methanol, a high-performing system for the hydrodechlorination/ring reduction of mono- and poly chlorinated aromatic substrates	Environ Sci Technol (2009) Vol. 43(15), pp. 5952-8	N	N/A	N/A	A system for the hydrodechlorination/ring reduction of mono- and poly chlorinated aromatic substrates
1140.	Mitoma, Y., Takase, M., Yoshino, Y., Oki, T.	2006	Novel mild hydrodechlorination of PCDDs, PCDFs, and co-PCBs inside fly ash using a calcium-promoted rhodium carbon catalyst in methanol	Environmental Chemistry (2006) Vol. 3(3), doi: 10.1071/EN06002	N	N/A	N/A	Degradation of dioxins in fly ash
1141.	Miyazaki, T., Fujiki, H., Yamamura, Y.	2013	Tolvaptan, an orally active non-peptide arginine vasopressin V2 receptor antagonist, reduces ascites in rats with chronic liver injury	Hepato Res (2013) Vol. 43(11), pp. 1224-30	N	N/A	N/A	Tolvaptan reduces ascites in rats with chronic liver injury
1142.	Mockos, G.R., Smith, W.A., Loge, F.J., Thompson, D.N.	2008	Selective enrichment of a methanol-utilizing consortium using pulp and paper mill waste streams	Applied Biochemistry and Biotechnology 148.1-3 (Mar 2008): 211-226	N	N/A	N/A	Selective enrichment of a methanol-utilizing consortium
1143.	Modesti, M., Roso, M., Boaretti, C., Lorenzetti, A.	2014	Preparation of smart nano-engineered electrospun membranes for methanol gas-phase photooxidation	Applied Catalysis B Environmental (2014) Vol. 144(1), pp. 216-22	N	N/A	N/A	Preparation of nano-engineered membranes for methanol photooxidation

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1144.	Modir-Rosta, A., Bottaro, C.S.	2013	New pressure-assisted sweeping on-line preconcentration for polar environmentally relevant nitrosamines: Part 1. Sweeping for polar compounds and application of auxiliary pressure	Electrophoresis (2013) Vol. 34(17), pp. 2553-60	N	N/A	N/A	No relevant endpoints investigated
1145.	Moghadami, M., Masoumpoor, M., Tabei, S.M.B., Tabaie, S.M.H., Sadeghi, H., Gholami, K., Lankarani, K.B.	2008	Therapeutic response to folinic acid in methanol poisoning epidemic in Shiraz	Iranian Journal of Medical Sciences 33.1 (Mar 2008): 22-26	N	N/A	N/A	Therapeutic response to methanol poisoning; no relevant endpoints investigated
1146.	Mohamed, A.M., Abdalla, M.S., Rizk, M.Z., Mahdy, el-S.M., Farraq, A.R., El-Sharabasy, F.S., Aly, H.F., Mohamed, M.R.	2014	Alleviation of dimethylnitrosamine-induced liver injury and fibrosis by supplementation of <i>Anabasis articulata</i> extract in rats	Indian J Clin Biochem (2014) Vol. 29(4), pp. 418-29	N	N/A	N/A	Protective effects of <i>A. articulata</i> on liver injury and fibrosis
1147.	Mohanapriya, S., Sahu, A.K., Bhat, S.D., Pitchumani, S., Sridhar, P., George, C., Chandrakumar, M., Shukla, A.K.	2011	Bio-composite membrane electrolytes for direct methanol fuel cells	J Electrochem Soc (2011) Vol. 158(1), pp. B1319-B1328	N	N/A	N/A	Bio-composite membrane electrolytes for direct methanol fuel cells
1148.	Mohd H S; Sharif M M; Tharakan, J K J; Jafri, M A	2012	Effect of acute administration of <i>Mitragyna speciosa</i> Korth. standardized methanol extract in animal model of learning and memory.	Journal of Medicinal Plants Research 6.6 (2012): 1007-1014.	N	N/A	N/A	Plant extract effects on animal model learning and memory

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1149.	Moiseev, I.K., Kon'kov, S.A., Ovchinnikov, K.A., Kilyaeva, N.M., Bormasheva, K.M., Nechaeva, O.N., Leonova, M.V., Klimochkin, Yu.N., Balakhnin, S.M., Bormotov, N.I., Serova, O.A., Belanov, E.F.	2012	Synthesis and antiviral activity of new adamantane derivatives	Pharmaceutical Chemistry Journal (2012) Vol. 45(10), pp. 588-592	N	N/A	N/A	Synthesis and antiviral activity of new adamantane derivatives
1150.	Mokhtari-Hosseini, Z.B., Vasheghani-Farahani, E., Shojaosadati, S.A., Karimzadeh, R., Heidarzadeh-Vazifekhoran, A.	2009	Effect of feed composition on PHB production from methanol by HCDC of <i>Methylobacterium extorquens</i> (DSMZ 1340)	Journal of chemical technology and biotechnology 84.8 (Aug 2009): 1136-1139	N	N/A	N/A	Bacterial PHB production
1151.	Mol, H.G., van Dam, R.C.	2014	Rapid detection of pesticides not amenable to multi-residue methods by flow injection-tandem mass spectrometry	Anal Bioanal Chem (2014) Vol. 406(27), pp. 6817-25	N	N/A	N/A	Analytical detection of pesticides
1152.	Momo, C.E., Oben, J.E., Tazoo, D., Dongo, E.	2006	Antidiabetic and hypolipidaemic effects of a methanol/methylene-chloride extract of <i>Laportea ovalifolia</i> (Urticaceae), measured in rats with alloxan-induced diabetes	Ann Trop Med Parasitol (2006) Vol. 100(1), pp. 69-74	N	N/A	N/A	Antidiabetic and hypolipidaemic effects of plant extracts

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1153.	Momo, N.E.C., Oben, E.J., Kegoum, B., Tazoo, D., Fomekong, D.G., Ignès, E.D.	2007	Acute and sub acute toxicities of methanol/ methylene chloride (CH ₃ OH/CH ₂ CL ₂) extract of <i>Laportea ovalifolia</i> (urticaceae) in rats	Pharmacologyonline 2 (2007): 391-406	N	N/A	N/A	Plant extract toxicity
1154.	Monfared, A L; Aziziyan, H; Bahrami, A M; Asbejin, S A	2012	Developmental toxicity evaluation of methanol extracts of <i>Carthamus tinctorius</i> L. in the Balb/C pregnant mice during organogenesis period.	Journal of Medicinal Plants Research 6.9 (2012): 1623-1626.	N	N/A	N/A	Developmental toxicity evaluation of plant extracts
1155.	Monjil, M S; Nozawa, T; Shibata, Y; Takemoto, D; Ojika, M; Kawakita, K	2015	Methanol extract of mycelia from <i>Phytophthora infestans</i> -induced resistance in potato	Comptes rendus biologies 338.3 (Mar 2015): 185-96.	N	N/A	N/A	Defence reactions in potato following exposure to bacterial extracts
1156.	Montanari, T., Sisani, M., Nocchetti, M., Vivani, R., Delgado, M.C.H., Ramis, G., Busca, G., Costantino, U.	2010	Zinc-aluminum hydrotalcites as precursors of basic catalysts: preparation, characterization and study of the activation of methanol	Catalysis Today 152.1-4 (2010): 104-109	N	N/A	N/A	Zinc-aluminum hydrotalcites as precursors of basic catalysts
1157.	Monte, W.C.	201	Methanol: a chemical Trojan horse as the root of the inscrutable U	Medical hypotheses 74.3 (Mar 2010): 493-6	N	N/A	N/A	Potential effects and mechanism of methanol on human disease; no relevant endpoints investigated
1158.	Montpart, N; Ribot-Llobet, E; Garlapati, V K; Rago, L; Baeza, J A; Guisasola, A	2014	Methanol opportunities for electricity and hydrogen production in bioelectrochemical systems	International Journal of Hydrogen Energy 39.2 (2014): 770-777.	N	N/A	N/A	Electricity and hydrogen production in bioelectrochemical systems

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1159.	Morais, S.A., Almeida, Fd., Duesdek, L., Marrelli, M.T.	2012	Low genetic diversity in Wolbachia-Infected <i>Culex quinquefasciatus</i> (Diptera: Culicidae) from Brazil and Argentina	Rev Inst Med Trop Sao Paulo (2012) Vol. 54(6), pp. 325-9	N	N/A	N/A	Low genetic diversity in Wolbachia-Infected <i>C. quinquefasciatus</i>
1160.	Morffi, J., Roderio, I., Hernández, S.L., González, L., Herrera, J., Espinosa-Aguirre, J.J.	2012	Antimutagenic properties of <i>Mangifera indica</i> L. stem bark extract and evaluation of its effects on hepatic CYP1A1	Plant Foods Hum Nutr (2012) Vol. 67(3), pp. 223-8	N	N/A	N/A	Antimutagenic properties of <i>M. indica</i>
1161.	Morikawa, M; Ahmed, N; Yoshida, Y; Izumi, Y	2014	Photoconversion of carbon dioxide in zinc-copper-gallium layered double hydroxides: The kinetics to hydrogen carbonate and further to CO/methanol	Applied Catalysis B: Environmental 144 (Jan 2014): 561-569.	N	N/A	N/A	Photoconversion of carbon dioxide
1162.	Moriuchi, T., Ikeuchi, K., Hirao, T.	2013	Synthesis of vanadium(V) hydrazido complexes with tris(2-hydroxyphenyl)amine ligands	Dalton Trans (2013) Vol. 42(33), pp. 11824-30	N	N/A	N/A	Synthesis of vanadium(V) hydrazido complexes
1163.	Mortimer, N.J., Hussain, W., Sladden, M.J., Salmon, P.J.	2010	Regional nerve blockade prior to direct injection to achieve anaesthesia of the nasal ala	Br J Dermatol (2010) Vol. 162(4), pp. 819-21	N	N/A	N/A	Effectiveness of alar anaesthesia provided by an infraorbital nerve block
1164.	Mortimer, R.J., Varley, T.S.	2013	Electrochromic devices based on surface-confined Prussian blue or Ruthenium purple and aqueous solution-phase di-n- heptyl viologen	Solar Energy Materials and Solar Cells (2013) Vol. 109, pp. 275-279	N	N/A	N/A	Description of electrochromic devices

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1165.	Mose, T., Mathiesen, L., Karttunen, V., Nielsen, J.K., Sieppi, E., Kumm, M., Mørck, T.A., Myöhänen, K., Partanen, H., Vähäkangas, K., Knudsen, L.E., Myllynen, P.	2012	Meta-analysis of data from human ex vivo placental perfusion studies on genotoxic and immunotoxic-agents within the integrated European project NewGeneris	Placenta (2012) Vol. 33(5), pp. 433-9	N	N/A	N/A	Meta-analysis of data from human ex vivo placental perfusion studies
1166.	Mosterio, R., Fernandez, A., Lopez-Torres, M., Vazquez-Garcia, D., Naya, L., Ortigueira, J.M., Vila, J.M., Fernandez, J.J.	2012	Versatile nucleophilic Michael addition to chelated (Ph ₂ P) ₂ C:CH ₂ (vdpp) in Schiff base cyclometallated palladium(II) compounds: C-C, C-O and C-N bond formation, dinuclear palladacycles and geometrical isomerism	Journal of Organometallic Chemistry (2012) Vol. 720, pp. 30-37	N	N/A	N/A	No relevant endpoints investigated
1167.	Motiwala, H.F., Gülgeze, B., Aubé, J.	2012	Copper-catalyzed oxaziridine-mediated oxidation of C-H Bonds	J Org Chem (2012) Vol. 77(16), pp. 7005-22	N	N/A	N/A	Copper-catalyzed oxaziridine-mediated oxidation of C-H Bonds
1168.	Moulis, F., Krysa, J.	2015	Photocatalytic degradation of acetone and methanol in a flow-through photoreactor with immobilized TiO ₂	Research on Chemical Intermediates (2015) Vol. 41(12), pp. 9233-9242	N	N/A	N/A	Photocatalytic degradation of acetone and methanol in photoreactor

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1169.	Mousavi, S R; Namaei-Ghassemi, M; Layegh, M; AfzalAghae, M; Vafaee, M; Zare, G; Moghiman, T; Mood, M B	2011	Determination of methanol concentrations in traditional herbal waters of different brands in Iran	Iranian Journal of Basic Medical Sciences 14.4 (Jul 2011 - Aug 2011): 361-368.	N	N/A	N/A	Analytical detection of methanol in foodstuffs
1170.	Mu, Y., Liang, H., Hu, J., Jiang, L., Wan, L.	2005	Controllable Pt nanoparticle deposition on carbon nanotubes as an anode catalyst for direct methanol fuel cells	J Phys Chem B (2005) Vol. 109(47), pp. 22212-22216	N	N/A	N/A	Carbon nanotubes as an anode catalyst for direct methanol fuel cells
1171.	Müller, C., Fetzner, S.	2013	<i>A Pseudomonas putida</i> bioreporter for the detection of enzymes active on 2-alkyl-4(1H)-quinolone signalling molecules	Appl Microbiol Biotechnol (2013) Vol. 97(2), pp. 751-60	N	N/A	N/A	Construction of bioreporters
1172.	Muller, K., Fabisch, F., Arlt, W.	2014	Energy transport and storage using methanol as a carrier	Green (2014) doi: 10.1515/green-2013-0028	N	N/A	N/A	Energy transport and storage using methanol as a carrier
1173.	Murakami, T.	2013	Synthesis of all four stereoisomers of 5-formyl-4-hydroxymethyl-1,3-oxazolidin-2-ones from D-glucosamine	Carbohydr Res (2013) Vol. 375, pp. 47-54	N	N/A	N/A	Synthesis of stereoisomers of 5-formyl-4-hydroxymethyl-1,3-oxazolidin-2-ones
1174.	Murray, H.W.	2004	Progress in the treatment of a neglected infectious disease: visceral leishmaniasis	Expert Rev Anti Infect Ther (2004) Vol. 2(2), pp. 279-92	N	N/A	N/A	Treatment of an infectious disease

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1175.	Musa, A A; Oyewale, A O; Ndukwe, I G; Yakubu, S E; Abdullahi, M S	2013	Phytochemical screening and antimicrobial activity of solvent fractions of <i>Securidaca longepedunculata</i> (Fresen) root bark methanol extract.	Journal of Chemical and Pharmaceutical Research 5.10 (2013): 28-33.	N	N/A	N/A	Phytochemical screening and antimicrobial activity of plant extracts
1176.	Mushtaq, F., Mat, R., Ani, F.N.	2014	Pyrolysis of solid palm waste biomass with microwave absorber under microwave irradiation	Applied Mechanics and Materials (2014) Vol. 606, pp. 73-77	N	N/A	N/A	Pyrolysis of solid palm waste
1177.	Musso, L., Dallavalle, S., Farina, G., Burrone, E.	2012	Natural products as sources of new fungicides: synthesis and antifungal activity of zopfiellin analogues	Chem Biol Drug Des (2012) Vol. 79(5), pp. 780-9	N	N/A	N/A	Development of potential new fungicides
1178.	Muthuvel, A., Rajamani, R., Manikandan, S., Sheeladevi, R.	2006	Detoxification of formate by formate dehydrogenase-loaded erythrocytes and carbicarb in folate-deficient methanol-intoxicated rats	Clinica chimica acta; international journal of clinical chemistry 367.1-2 (May 2006): 162-9	N	N/A	N/A	Detoxification of formate in folate-deficient rats
1179.	Muthuvel, A., Rajamani, R., Sheeladevi, R.	2006	Therapeutic response to single intravenous bolus administration of formate dehydrogenase in methanol-intoxicated rats	Toxicology letters 161.2 (Feb 20, 2006): 89-95	N	N/A	N/A	Effects of formate dehydrogenase in methanol-intoxicated rats
1180.	Muthuvel, A; Rajamani, R; Senthilvelan, M; Manikandan, S; Sheeladevi, R	2006	Modification of allergenicity and immunogenicity of formate dehydrogenase by conjugation with linear mono methoxy poly ethylene glycol: improvement in detoxification of formate in methanol poisoning	Clinica chimica acta; international journal of clinical chemistry 374.1-2 (Dec 2006): 122-8	N	N/A	N/A	Detoxification of formate in methanol poisoning

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1181.	Nachiappan, N., Paruthimal Kalaigan, G., Sasikumar, G.	2013	Influence of methanol impurity in hydrogen on PEMFC performance	Ionics (2013) Vol. 19(3), pp. 517-522	N	N/A	N/A	Influence of methanol impurity in hydrogen on PEMFC performance
1182.	Nagasaka, M; Mochizuki, K; Leloup, V; Kosugi, N	2014	Local structures of methanol-water binary solutions studied by soft X-ray absorption spectroscopy	The journal of physical chemistry. B 118.16 (Apr 24, 2014): 4388-96.	N	N/A	N/A	Local structures of methanol-water binary solutions
1183.	Nagashree, K.L., Ahmed, M.F.	2008	Electrocatalytic oxidation of methanol on Pt modified polyaniline in alkaline medium	Synthetic Metals (2008) Vol. 158(15), pp. 610-616	N	N/A	N/A	Electrocatalytic oxidation of methanol on polyaniline
1184.	Naidu, J R; Ismail, R; Sasidharan, S	2014	Acute oral toxicity and brine shrimp lethality of methanol extract of <i>Mentha spicata</i> L. (Lamiaceae).	Tropical Journal of Pharmaceutical Research 13.1 (2014): 101-107.	N	N/A	N/A	Toxicity and brine shrimp lethality of plant extracts
1185.	Nair, S V G	2014	Apoptotic and inhibitory effects on cell proliferation of hepatocellular carcinoma HepG2 cells by methanol leaf extract of <i>Costus speciosus</i>	BioMed research international 2014 (2014): 637098.	N	N/A	N/A	Apoptotic and inhibitory effects on cell proliferation of plant extract
1186.	Naka, T., Maeda, S., Sumikawa, Y.	2007	Tuberous root production of dahlia (Dahlia .times. cultorum) by cuttage from apical meristem culture plants	Bulletin of the Nara Prefectural Agricultural Experiment Station (2007) No. 38, pp. 23-30	N	N/A	N/A	Agronomy study

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1187.	Nakamura, T., Torimura, T., Iwamoto, H., Masuda, H., Naitou, M., Koga, H., Abe, M., Hashimoto, O., Tsutsumi, V., Ueno, T., Sata, M.	2012	Prevention of liver fibrosis and liver reconstitution of DMN-treated rat liver by transplanted EPCs	Eur J Clin Invest (2012) Vol. 42(7), pp. 717-28	N	N/A	N/A	Use of EPCs to reconstitute liver tissue and protect against liver fibrosis
1188.	Nambiar, S S; Shetty, N P; Bhatt, P; Neelwarne, B	2014	Inhibition of LDL oxidation and oxidized LDL-induced foam cell formation in RAW 264.7 cells show anti-atherogenic properties of a foliar methanol extract of <i>Scoparia dulcis</i>	Pharmacognosy magazine 10.Suppl 2 (Apr 2014): S240-8.	N	N/A	N/A	Anti- atherogenic properties of a plant extract
1189.	Nanjaraj U, A N; Yariswamy, M; Joshi, V; Suvilesh, K N; Sumanth, M S; Das, D; Nataraju, A; Vishwanath, B S	2015	Local and systemic toxicity of <i>Echis carinatus</i> venom: neutralization by <i>Cassia auriculata</i> L. leaf methanol extract	Journal of natural medicines 69.1 (Jan 2015): 111-22.	N	N/A	N/A	Plant extract effects on snake venom
1190.	Nantia, E.A., Manfo, P.F., Beboy, N.E., Traver, C., Carreau, S., Monsees, T.K., Moundipa, P.F.	2012	Effect of methanol extract of <i>Basella alba</i> L. (Basellaceae) on the fecundity and testosterone level in male rats exposed to flutamide in utero	Andrologia (2012) Vol. 44(1), pp. 38-45	N	N/A	N/A	Plant extracts effects on fecundity and testosterone level in rats
1191.	Nardemir, G; Yanmis, D; Alpsoy, L; Gulluce, M; Agar, G; Aslan, A	2015	Genotoxic, antigenotoxic and antioxidant properties of methanol extracts obtained from <i>Peltigera horizontalis</i> and <i>Peltigera praetextata</i>	Toxicology and industrial health 31.7 (Jul 2015): 602-13.	N	N/A	N/A	Genotoxic, antigenotoxic and antioxidant properties of plant extracts

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1192.	Narkowicz, S., Polkowska, Z., Namiesnik, J., Kielbratowska, B.	2013	Environmental tobacco smoke: Exposure, health effects, and analysis	Critical Reviews in Environmental Sciences and Technology (2013) Vol. 43(2), pp. 121-161	N	N/A	N/A	Toxicity and composition of tobacco smoke
1193.	Narmada, B.C., Kang, Y., Venkatraman, L., Peng, Q., Sakban, R.B., Nugraha, B., Jiang, X., Bunte, R.M., So, P.T., Tucker-Kellogg, L., Mao, H.Q., Yu, H.	2013	Hepatic stellate cell-targeted delivery of hepatocyte growth factor transgene via bile duct infusion enhances its expression at fibrotic foci to regress dimethylnitrosamine-induced liver fibrosis	Hum Gene Ther (2013) Vol. 24(5), pp. 508-19	N	N/A	N/A	Hepatic stellate cell-targeted delivery of hepatocyte growth factor transgene
1194.	Nascimento, F.C., Carneiro, C.E.A., de Santana, H., Zaia, D.A.M.	2014	The effect of artificial seawater on SERS spectra of amino acids-Ag colloids : an experiment of prebiotic chemistry	Spectrochimica Acta. Part A, Molecular and biomolecular spectroscopy (2014) Vol. 118, pp. 251-259	N	N/A	N/A	The effect of artificial seawater on SERS spectra
1195.	Nassr, A.B.B.A., Bron, M.	2013	Microwave-assisted ethanol reduction as a new method for the preparation of highly active and stable CNT-supported PtRu electrocatalysts for methanol oxidation	Chemcatchem (2013) Vol. 5(6), pp. 1472-1480	N	N/A	N/A	Preparation of electrocatalysis for methanol oxidation
1196.	Natarajan, K., Leduc, S., Pelkonen, P., Tomppo, E., Dotzauer, E.	2012	Optimal locations for methanol and CHP production in Eastern Finland	BioEnergy Research (2012) Vol. 5(2), pp. 412-423	N	N/A	N/A	Methanol and CHP production in Finland
1197.	Navakoudis, E; Ioannidis, N E; Dörnemann, D; Kotzabasis, K	2007	Changes in the LHCII-mediated energy utilization and dissipation adjust the methanol-induced biomass increase	Biochimica et biophysica acta 1767.7 (Jul 2007): 948-55	N	N/A	N/A	Methanol effects on algal biomass; no relevant endpoints investigated

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1198.	Nayagam, V.	2010	Quasi-steady flame standoff ratios during methanol droplet combustion in microgravity	Combustion and Flame 157.1 (Jan 2010): 204-205	N	N/A	N/A	Modelling quasi-steady flame standoff ratios
1199.	Ncube, E.J., Voyi, K., du Preez, H.	2012	Implementing a protocol for selection and prioritisation of organic contaminants in the drinking water value chain: case study of Rand Water, South Africa	Water SA (2012) Vol. 38(4), pp. 487-504	N	N/A	N/A	Prioritisation of organic contaminants in drinking water
1200.	Ndabambi, M; Basopo, N; Nkiwane, L C; Naik, Y S	2015	The molluscicidal efficacy of methanol extracts of <i>Pterocarpus angolensis</i> , <i>Sclerocarya birrea</i> , <i>Pappea capensis</i> and <i>Commiphora africana</i> against <i>Lymnaea natalensis</i> and <i>Helisoma duryi</i>	African journal of aquatic science 40.1 (Jan 2, 2015): 107-108.	N	N/A	N/A	Pesticidal efficacy of plant extracts
1201.	Netzer, D., Wallsgrove, C.	2011	Flow scheme envisions producing methanol for gasoline blending	Oil and Gas Journal 109.13 (2011): 114-120	N	N/A	N/A	Producing methanol for gasoline blending
1202.	Neufeld, J.D., Schäfer, H., Cox, M.J., Boden, R., McDonald, I.R., Murrell, J.C.	2007	Stable-isotope probing implicates Methylophaga spp and novel Gammaproteobacteria in marine methanol and methylamine metabolism	The ISME journal 1.6 (Oct 2007): 480-91	N	N/A	N/A	Microbial marine methanol metabolism
1203.	Neurock, M., Janik, M., Wieckowski, A.	2008	A first principles comparison of the requirements for the electrocatalytic oxidation of methanol and formic acid over Pt	Faraday Discuss (2008) Vol. 140, pp. 363-78	N	N/A	N/A	Mechanism and site requirements for the oxidation of methanol over Pt

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1204.	Newcombe, G., Morran, J., Culbert, J.	2012	NDMA attracting international attention: the latest news on nitrosamines	Water (St. Leonards, Australia) Vol. 39(3), pp. 76-82	N	N/A	N/A	Review of nitrosamines
1205.	Neyman, K.M., Lim, K.H., Chen, Z-X., Moskaleva, L.V., Bayer, A., Reindl, A., Borgmann, D., Denecke, R., Steinrück, H-P., Rösch, N.	2007	Microscopic models of PdZn alloy catalysts: structure and reactivity in methanol decomposition	PCCP 9.27 (Jul 21, 2007): 3470-82	N	N/A	N/A	Microscopic models of PdZn alloy catalysts
1206.	Nguelefack, T.B., Dutra, R.C., Paszcuk, A.F., Andrade, E.L., Tapondjou, L.A., Calixto, J.B.	2010	Antinociceptive activities of the methanol extract of the bulbs of <i>Dioscorea bulbifera</i> L. var sativa in mice is dependent of NO-cGMP-ATP-sensitive-K(+) channel activation	Journal of Ethnopharmacology 128.3 (Apr 21, 2010): 567-74	N	N/A	N/A	Antinociceptive activities of plant extracts in mice
1207.	Nguelefack-Mbuyo, P.E., Nguelefack, T.B., Dongmo, A.B., Afkir, S., Azebaze, A.G., Dimo, T., Legssyer, A., Kamanyi, A., Ziyat, A.	2008	Anti-hypertensive effects of the methanol/methylene chloride stem bark extract of <i>Mammea africana</i> in I-NAME-induced hypertensive rats	J Ethnopharmacol (2008) Vol. 117(3), pp. 446-50	N	N/A	N/A	Anti-hypertensive effects of plant extracts
1208.	Nguyen, V T; Do, D D; Nicholson, D	2013	Microscopic configurations of methanol molecules in graphitic slit micropores: a computer simulation study	Journal of colloid and interface science 396 (Apr 15, 2013): 215-26.	N	N/A	N/A	Configurations of methanol molecules in graphitic slit micropores

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1209.	Ni, W., Gao, J., Chen, Z., Li, Z.	2009	How to make the production of methanol/DME 'GREENER'-Integration of wind power with modern coal chemical industry	Frontiers of Energy and Power Engineering in China 3.1 (Mar 2009): 94-98	N	N/A	N/A	Integration of wind power with modern coal chemical industry
1210.	Nicotera, I; Angjeli, K; Coppola, L; Aricò, A S; Baglio, V	2012	NMR and electrochemical investigation of the transport properties of methanol and water in Nafion and clay-nanocomposites membranes for DMFCs	Membranes 2.2 (Jun 20, 2012): 325-45.	N	N/A	N/A	Investigation of the transport properties of methanol and water in membranes for DMFCs
1211.	Nies, E., Hecker, D., Ott, H., Degen, G.H., Kalberlah, F., Stropp, G.	2012	Exposure limits and exposure-risk relationships – steps towards a concrete German risk strategy for carcinogenic agents	Gefahrstoffe – Reinhaltung der Luft (2012) Vol. 72(5), pp. 183-190	N	N/A	N/A	Risk strategy for carcinogens in Germany
1212.	Nigst, T.A., Ammer, J., Mayr, H.	2012	Ambident reactivities of methylhydrazines	Angewandte Chemie International Edition (2012) Vol. 51(6), pp. 1353-1356	N	N/A	N/A	Ambident reactivities of methylhydrazines
1213.	Nigst, T.A., Antipova, A., Mayr, H.	2012	Nucleophilic reactivities of hydrazines and amines: The futile search for the α -effect in hydrazine reactivities	J Org Chem (2012) Vol. 77(18), pp. 8142-55	N	N/A	N/A	Nucleophilic reactivities of hydrazines and amines
1214.	Noh, J.H., Meijboom, R.	2014	Dendrimer-templated Pd nanoparticles and Pd nanoparticles synthesized by reverse microemulsions as efficient nanocatalysts for the Heck reaction: A comparative study	J Colloid Interface Sci (2014) Vol. 415, pp. 57-69	N	N/A	N/A	Nanocatalysts for the Heck reaction

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1215.	Nomikos, G N; Panagiotopoulou, P; Kondarides, D I; Verykios, X E	2014	Kinetic and mechanistic study of the photocatalytic reforming of methanol over Pt/TiO ₂ catalyst	Applied Catalysis, B: Environmental 146 (2014): 249-257.	N	N/A	N/A	Photocatalytic reforming of methanol
1216.	Noor S S; Kamarudin, S K	2014	Bio synthesis of methanol from goat manure via anaerobic fermentation: Special 12.	Australian Journal of Basic and Applied Sciences 8.19 Special (2014): 81-83.	N	N/A	N/A	Bio synthesis of methanol from goat manure
1217.	Nougadère, A., Reninger, J.C., Volatier, J.L., Leblanc, J.C.	2011	Chronic dietary risk characterization for pesticide residues: A ranking and scoring method integrating agricultural uses and food contamination data	Food Chem Toxicol (2011) Vol. 49(7), pp. 1484-510	N	N/A	N/A	Development of a method to identify pesticides for inclusion in national monitoring programs
1218.	Nowak, A., Kuberski, S., Libudzisz, Z.	2014	Probiotic lactic acid bacterial detoxicity N-nitrosodimethylamine	Food Additives & Contaminants: Part A (2014) Vol. 31(10), pp. 1678-1687	N	N/A	N/A	Bacterial degradation of NDMA; no relevant endpoints investigated
1219.	Nowell, L.H., Norman, J.E., Moran, P.W., Martin, J.D., Stone, W.W.	2014	Pesticide Toxicity Index-A tool for assessing potential toxicity of pesticide mixtures to freshwater aquatic organisms	Science of the Total Environment (2014) Vol. 476-477, pp. 144-157	N	N/A	N/A	Methodology for assessing toxicity of pesticide mixtures to freshwater aquatic organisms
1220.	Nowitzki, T., Borchert, H., Jürgens, B., Risse, T., Zielasek, V., Bäumer, M.	2008	UHV studies of methanol decomposition on mono- and bimetallic CoPd nanoparticles supported on thin alumina films	Chemphyschem 9.5 (Apr 4, 2008): 729-39	N	N/A	N/A	Methanol decomposition on nanoparticles

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1221.	Nozoe, T., Selyanchyn, R., Matsui, H., Lee, S-W.	2012	Pyrolysis-based quantitative analysis of sarcosine and its application to urine samples	Aroma Research (2012) Vol. 13(3), pp. 256-261	N	N/A	N/A	Pyrolysis-based quantitative analysis of sarcosine
1222.	Nwaehujor, C O; Ode, J O; Nwinyi, F C; Asuzu, O V	2014	Mechanism of action involved in the hepatoprotective activities of methanol extract of <i>Cassytha filiformis</i> L. aerial parts in CCl ₄ -induced liver damage	Comparative Clinical Pathology 23.6 (2014): 1749-1755.	N	N/A	N/A	Hepatoprotective activities of plant extract
1223.	Nwaehujor, C. O; Udegbumam, R.I; Ode, J.O; Asuzu, O.V	2015	Amelioration of chronic inflammation and oxidative stress indices in diabetic Wistar rats using methanol leaf extract of <i>Bridelia micrantha</i> (Hochst) Baill. (Euphorbiaceae)	Journal of complementary & integrative medicine 12.4 (Dec 1, 2015): 295-300.	N	N/A	N/A	Amelioration of chronic inflammation and oxidative stress indices in rats using plant extracts
1224.	Nwodo, N.J., Uzochukwu, I.C.	2008	Studies on anti-inflammatory and antimicrobial activities of crude methanol extracts of <i>Zapoteca portoricensis</i> Jacq. H. Hernández.: Recent progress in medicinal plants Vol. 19	In Phytopharmacology and therapeutic values I, by Nwodo, N J, Uzochukwu, I C, 61-69. Studium Press LLC, (2008)	N	N/A	N/A	Anti-inflammatory and antimicrobial activities of plant extracts
1225.	Nyadjeu, P; Nguelefack-Mbuyo, E P; Atsamo, A D; Nguelefack, T B; Dongmo, A B; Kamanyi, A	2013	Acute and chronic antihypertensive effects of <i>Cinnamomum zeylanicum</i> stem bark methanol extract in L-NAME-induced hypertensive rats	BMC complementary and alternative medicine 13 (Jan 31, 2013): 27.	N	N/A	N/A	Antihypertensive effects of plant extracts in rats

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1226.	O'Brein, C.P., Thies, M.C., Bruce, D.A.	2005	Supercritical water oxidation of the PCB congener 2-chlorobiphenyl in methanol solutions: a kinetic analysis	Environ Sci Technol (2005) Vol. 39(17), pp. 6839-6844	N	N/A	N/A	Supercritical water oxidation of 2-chlorobiphenyl
1227.	Obradovic, M.D., Babic, B.M., Radmilovic, V.R., Krstajic, N.V., Gojkovic, S.Lj	2012	Core-shell structured tungsten-tungsten carbide as a Pt catalyst support and its activity for methanol electrooxidation	International Journal of Hydrogen Energy (2012) Vol. 37(14), pp. 10671-10679	N	N/A	N/A	Tungsten carbide as a catalyst for methanol electrooxidation
1228.	Ode, O J; Nwaehujor, C O; Nwinyi, C F	2013	Evaluation of the anti-diabetic and antioxidant activities of the methanol leaf extract of <i>Berlinia grandiflora</i>	Journal of Medical Sciences (Faisalabad) 13.8 (2013): 743-748.	N	N/A	N/A	Anti-diabetic and antioxidant activities of plant extracts
1229.	Odo, C E; Nwodo, O F C; Joshua, P E; Ugwu, O P C; Okonkwo, C C	2013	Acute toxicity investigation and anti-diarrhoeal effect of the chloroform-methanol extract of the seeds of <i>Persea americana</i> in albino rats	Journal of Pharmacy Research 6.3 (2013): 331-335.	N	N/A	N/A	Acute toxicity and anti-diarrhoeal effects of plant extracts
1230.	Odongo, G; Tolo, F; Wamunyokoli, F; Mwatha, J	2015	Effects of methanol and aqueous extracts of <i>Acacia xanthophloea</i> , <i>Strychnos heninningsii</i> and <i>Microglossa pyrifolia</i> on Immunoglobulin E using asthma induced mice model.	Journal of Natural Sciences Research 5.6 (2015): 122-135.	N	N/A	N/A	Plant extract effects on Immunoglobulin E

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1231.	Oh, W., Kim, K.S.	2014	Light intensity and temperature regulate petiole elongation by controlling the content of and sensitivity to gibberellin in <i>Cyclamen persicum</i>	Horticulture, Environment and Biotechnology (2014) Vol. 55(3), pp. 175-182	N	N/A	N/A	Light intensity and temperature regulation in petiole elongation in cyclamen
1232.	Ohadoma, S C; Michael, H U	2011	Effects of co-administration of methanol leaf extract of <i>Catharanthus roseus</i> on the hypoglycemic activity of metformin and glibenclamide in rats	Asian Pacific journal of tropical medicine 4.6 (Jun 2011): 475-7.	N	N/A	N/A	Plant extract effects on hypoglycemic activity of metformin and glibenclamide in rats
1233.	Ohtera, A; Miyamae, Y; Nakai, N; Kawachi, A; Kawada, K; Han, J; Isoda, H; Neffati, M; Akita, T; Maejima, K; Masuda, S; Kambe, T; Mori, N; Irie, K; Nagao, M	2013	Identification of 6-octadecynoic acid from a methanol extract of <i>Marrubium vulgare</i> L. as a peroxisome proliferator-activated receptor γ agonist	Biochemical and biophysical research communications 440.2 (Oct 18, 2013): 204-9.	N	N/A	N/A	Identification of 6-octadecynoic acid from plant extracts
1234.	Oikawa, P Y; Giebel, B M; Sternberg, L S L O; Li, L; Timko, M P; Swart, P K; Riemer, D D; Mak, J E; Lerdau, M T	2011	Leaf and root pectin methylesterase activity and $^{13}\text{C}/^{12}\text{C}$ stable isotopic ratio measurements of methanol emissions give insight into methanol production in <i>Lycopersicon esculentum</i>	The New Phytologist 191.4 (Sep 2011): 1031-40.	N	N/A	N/A	Methanol production in tomatoes

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1235.	Okamoto, K., Mashida, A., Watanabe, M., Ohe, K.	2012	An unexpected disproportional reaction of 2H-azirines giving (1E,3Z)-2-aza-1,3-dienes and aromatic nitriles in the presence of nickel catalysts	Chem. Commun (2012) Vol. 48, pp. 3554-3556	N	N/A	N/A	No relevant endpoints investigated
1236.	Okoye, T.C., Akah, P.A., Omeke, C.P.	2010	Evaluation of the anticonvulsant and muscle relaxant effects of the methanol root bark extracts of <i>Annona senegalensis</i>	Asian Pacific Journal of Tropical Medicine 3.1 (Jan 2010): 25-28.	N	N/A	N/A	Anticonvulsant and muscle relaxant effects of plant extracts
1237.	Okunrobo, L.O., Usifoh, C.O., Ching, P.F., Bariweni, M.	2009	Anti-inflammatory evaluation of methanol extract and aqueous fraction of the leaves of <i>Anthocleista djalensis</i> A. Chev (Gentianaceae)	Internet Journal of Pharmacology 7.1 (2009)	N	N/A	N/A	Anti-inflammatory evaluation of plant extracts
1238.	Ola-Mudathir, K F; Maduagwu, E N	2015	Antioxidant effects of methanol extract of <i>Allium cepa</i> linn on cyanide-induced renal toxicity in male Wistar rats	Nigerian journal of physiological sciences: official publication of the Physiological Society of Nigeria 29.2 (Dec 29, 2014): 147-51.	N	N/A	N/A	Antioxidant effects of plant extracts on renal toxicity in rats
1239.	Olayemi, F O; Raji, Y; Adegoke, O A; Oyeyemi, M O	2011	Effects of methanol root extract of <i>Cnestis ferruginea</i> (De Candolle) on some reproductive parameters of male rats	Tropical Veterinarian 29.1 (2011): 1-11	N	N/A	N/A	Toxicity of plant extracts
1240.	Oliveira, V B; Falcao, D S; Rangel, C M; Pinto, A M F R	2013	Water management in a passive direct methanol fuel cell	International Journal of Energy Research 37.9 (2013): 991-1001.	N	N/A	N/A	Water management in a passive direct methanol fuel cell

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1241.	Olsbye, U; Svelle, S; Lillerud, K P; Wei, Z H; Chen, Y Y; Li, J F; Wang, J G; Fan, W B	2015	The formation and degradation of active species during methanol conversion over protonated zeotype catalysts	Chemical Society reviews 44.20 (Oct 21, 2015): 7155-76	N	N/A	N/A	The formation and degradation of active species during methanol conversion
1242.	Olson, J.A, Adler-Moore, J.P., Jensen, G.M., Schwartz, J., Dignani, M.C., Proffitt, R.T.	2008	Comparison of the physicochemical, antifungal, and toxic properties of two liposomal amphotericin B products	Antimicrobial agents and chemotherapy (2008) Vol. 52.1, pp. 259-68	N	N/A	N/A	Physicochemical, antifungal and toxic properties of two liposomal amphotericin B products
1243.	Olszowy, Z., Czech, E., Nowicka, J.	2005	Effect of methanol on endogenous and exogenous carnitine levels in rat plasma	Arch Toxicol (2005) Vol. 79(10), pp. 571-81	N	N/A	N/A	Effect of methanol on carnitine levels in rat plasma; no relevant endpoints investigated
1244.	Olszowy, Z., Plewka, A., Czech, E., Nowicka, J., Plewka, D., Nowaczyk, G., Kaminski, M.	2006	Effect of L-carnitine supplementation on xenobiotic-metabolizing hepatic enzymes exposed to methanol	Exp Toxicol Pathol (2006) Vol. 57(5-6), pp. 427-35	N	N/A	N/A	Effect of L-carnitine on xenobiotic-metabolising hepatic enzymes exposed to methanol
1245.	Omar, H.A., Sargeant, A.M., Weng, J.R., Wang, D., Kulp, S.K., Patel, T., Chen, C.S.	2009	Targeting of the Akt-nuclear factor-kappa B signaling network by [1-(4-chloro-3-nitrobenzene sulfonyl)-1H-indol-3-yl]-methanol (OSU-A9), a novel indole-3-carbinol derivative, in a mouse model of hepatocellular carcinoma	Mol Pharmacol (2009) Vol. 76(5), pp. 957-68	N	N/A	N/A	Mouse model of hepatocellular carcinoma

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1246.	Omil, F., Rojas, H., Thalasso, F., Lema, J.M.	2008	Biofiltration of a methanol containing air stream in a dry tubular biofilm reactor using ceramic rings as carrier	Environmental Progress 27.1 (2008): 117-124	N	N/A	N/A	Biofiltration of a methanol containing air stream
1247.	Omobowale, T O; Oyagbemi, A A; Abiola, J O; Azeez, I O; Adedokun, R A M; Nottidge, H O	2015	Effect of chronic administration of methanol extract of <i>Moringa oleifera</i> on some biochemical indices in female Wistar rats	Nigerian journal of physiological sciences 29.2 (Dec 29, 2014): 107-11.	N	N/A	N/A	Plant extract effects on rat biochemical indices
1248.	Osadebe, P O; Okoye, F B C; Uzor, P F; Nnamani, N R; Adiele, I E; Obiano, N C	2012	Phytochemical analysis, hepatoprotective and antioxidant activity of <i>Alchornea cordifolia</i> methanol leaf extract on carbon tetrachloride-induced hepatic damage in rats	Asian Pacific Journal of Tropical Medicine 5.4 (Apr 2012): 289-293.	N	N/A	N/A	Phytochemical analysis, hepatoprotective and antioxidant activity of plant extracts
1249.	Osaka, T., Yoshie, S., Tsuneda, S., Hirata, A., Iwami, N., Inamori, Y.	2006	Identification of acetate- or methanol-assimilating bacteria under nitrate-reducing conditions by stable-isotope probing	Microbial Ecology (2006) Vol. 52(2), pp. 253-266	N	N/A	N/A	Identification of acetate- or methanol-assimilating bacteria
1250.	Ottah, A.A., Augustine, O., Obiora, I.O., Maxwell, E.	2012	Antihyperglycemic effects of the methanol leaf extract of <i>Diaphanathe bidens</i> in normoglycemic and streptozotocin-induced hyperglycemic rats	Asian Pac J Trop Med (2012) Vol. 5(3), pp. 192-6	N	N/A	N/A	Antihyperglycemic effects of plant extracts

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1251.	Ottakam Thotiyl, M.M., Ravikumar, T., Sampath, S.	2010	Platinum particles supported on titanium nitride: an efficient electrode material for the oxidation of methanol in alkaline media	J Mater Chem (2010) Vol. 20, pp. 10643-10651	N	N/A	N/A	Electrode material for methanol oxidation
1252.	Ou, Y., Cui, X., Zhang, X., Jiang, Z.	2010	Titanium carbide nanoparticles supported Pt catalysts for methanol electrooxidation in acidic media	Journal of Power Sources (2010) Vol. 195(5), pp. 1365-1369	N	N/A	N/A	Pt catalysts for methanol electrooxidation
1253.	Oulkar, D.P., Banerjee, K., Kulkarni, S.	2011	Multiresidue analysis of plant growth regulators in grapes by triple quadrupole and quadrupole-time of flight-based liquid chromatography/mass spectrometry	J AOAC Int (2011) Vol. 94(6), pp. 1715-21	N	N/A	N/A	Analytical method for detection of PGRs in foodstuffs
1254.	Ouyang, D.M., Ding, S.J., Zhu, W.H., Xie, Z.Z.	2005	Effects of plant growth regulators on quality of warm-season lawns and turf in winter	Pratacultural Science (2005) Vol. 22(3), pp. 98-101	N	N/A	N/A	Efficacy study
1255.	Özbek, T., Güllüce, M., Açar, G., Barış, Ö., Adigüzel, A., Özkan, H., Şahin, F.	2008	Investigation of the antimutagenic effects of methanol extract of Astragalus L. species growing in eastern Anatolia region of turkey	Fresenius Environmental Bulletin 17.12 A (Dec 1, 2008): 2052-2058	N	N/A	N/A	Antimutagenic effects of plant extracts
1256.	Ozdemir, C ; Sen, N; Dursun, S	2007	Anaerobic removal of volatile organic compounds (VOC) from wastewater using methanol and ethylene glycol as co-substrate	Journal of International Environmental Application & Science 2.1 (2007): 33-39	N	N/A	N/A	Anaerobic removal of VOCs from wastewater

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1257.	Ozgun, M.	2011	Growth control in cucumber seedlings by growth regulators application	Bulgarian Journal of Agricultural Science (2011) Vol. 17(1), pp. 99-106	N	N/A	N/A	Efficacy study
1258.	Paasma, R., Hovda, K.E., Hassanian-Moghaddam, H., Brahmi, N., Afshari, R., Sandvik, L., Jacobsen, D.	2012	Risk factors related to poor outcome after methanol poisoning and the relation between outcome and antidotes--a multicenter study	Clin Toxicol (2012) Vol. 50(9), pp. 823-31	N	N/A	N/A	Risk factors related to poor outcome after methanol poisoning; no relevant endpoints investigated
1259.	Paasma, R; Hovda, K E; Tikkerberi, A; Jacobsen, D	2007	Methanol mass poisoning in Estonia: outbreak in 154 patients	Clinical toxicology 45.2 (2007): 152-7	N	N/A	N/A	Mass methanol poisoning; no relevant endpoints investigated
1260.	Padhye, L.P., Kim, J.H., Huang, C.H.	2012	Oxidation of dithiocarbamates to yield N-nitrosamines by water disinfection oxidants	Water Res (2013) Vol. 47(2), pp. 725-36	N	N/A	N/A	Production of nitrosamines by water disinfection oxidants
1261.	Padmanabhan, P., Spiller, H.A., Ross, M.P., Bosse, G.M.	2011	Is elevated creatinine a reliable marker for methanol toxicity in nitromethane-containing model fuel ingestions in children?	Clin Toxicol (2011) Vol. 49(1), pp. 45-7	N	N/A	N/A	Creatinine as a marker for methanol toxicity
1262.	Pair, E., Monteiro, N., Bouysse, N., Baudoin, N.	2013	Copper-catalyzed trifluoromethylation of N,N-dialkylhydrazones	Angewandte Chemie International Edition (2013) Vol. 52(20), pp. 5346-5349	N	N/A	N/A	Trifluoromethylation of N,N-dialkylhydrazones
1263.	Pakhedi, S.G., Fazeli, F.	2014	Hydrogenolysis of nitrosodimethyl amine in gas phase over Au/γ-Al ₂ O ₃ nanocatalyst	Korean Journal of Chemical Engineering (2014) Vol. 31(7), pp. 1174-1179	N	N/A	N/A	No relevant endpoints investigated
1264.	Pan, L; Bian, W	2013	Theoretical study on the photodegradation mechanism of nona-BDEs in methanol	Chemphyschem 14.6 (Apr 15, 2013): 1264-71.	N	N/A	N/A	Photodegradation mechanism of nona-BDEs

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1265.	Pan, T.L., Wang, P.W.	2012	Explore the molecular mechanism of apoptosis induced by tanshinone IIA on activated rat hepatic stellate cells	Evid Based Complement Alternat Med (2012) 2012:734987	N	N/A	N/A	Molecular mechanism of apoptosis; no relevant endpoints investigated
1266.	Pan, T.L., Wang, P.W., Leu, Y.L., Wu, T.H., Wu, T.S.	2012	Inhibitory effects of Scutellaria baicalensis extract on hepatic stellate cells through inducing G2/M cell cycle arrest and activating ERK-dependent apoptosis via Bax and caspase pathway	J Ethnopharmacol (2012) Vol. 139(3), pp. 829-37	N	N/A	N/A	Investigation into the inhibitory effect and underlying mechanisms of SBEE on liver fibrogenesis
1267.	Pan, Y., Ye, L., Ni, B.J., Yuan, Z.	2012	Effect of pH on N2O reduction and accumulation during denitrification by methanol utilizing denitrifiers	Water Res (2012) Vol. 46(15), pp. 4832-40	N	N/A	N/A	Effect of pH on N ₂ O reduction and accumulation during denitrification by methanol
1268.	Pan, Y; Ye, L; Yuan, Z	2013	Effect of H2S on N2O reduction and accumulation during denitrification by methanol utilizing denitrifiers	Environmental science & technology 47.15 (Aug 6, 2013): 8408-15.	N	N/A	N/A	Effects on N ₂ O reduction and accumulation during denitrification by methanol utilizing denitrifiers
1269.	Panayotov, D.A., Burrows, S., Mihaylov, M., Hadjiivanov, K., Tissue, B.M., Morris, J.R.	2010	Effect of methanol on the Lewis acidity of rutile TiO2 nanoparticles probed through vibrational spectroscopy of coadsorbed CO	Langmuir 26.11 (Jun 1, 2010): 8106-12	N	N/A	N/A	Effect of methanol on the Lewis acidity of TiO ₂ nanoparticles

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1270.	Panda, A.K., Das, U., Quail, J.W., Dimmock, J.R.	2014	Synthesis of bicyclic N-methylpyrazoline and pyrazole derivatives from α,β -unsaturated ketones and N,N-dimethylhydrazine: An illustration of reductive cyclization	Journal of Heterocyclic Chemistry (2014) Vol. 51(1), DOI: 10.1002/jhet. 1570	N	N/A	N/A	Reaction of N,N-dimethylhydrazine with α,β -unsaturated ketones
1271.	Pandy, V., Jose, N., Subhash, H.	2009	CNS activity of methanol and acetone extracts of <i>Acorus calamus</i> leaves in mice	Journal of Pharmacology and Toxicology 4.2 (2009): 79-86	N	N/A	N/A	CNS activity of plant extracts in mice
1272.	Paneri, A; Heo, Y; Ehlert, G; Cottrill, A; Sodano, H; Pintauro, P; Moghaddam, S	2014	Proton selective ionic graphene-based membrane for high concentration direct methanol fuel cells	Journal of Membrane Science 467 (2014): 217-225.	N	N/A	N/A	Proton selective ionic graphene-based membrane for high concentration direct methanol fuel cells
1273.	Papafotiou, M., Vagena, A.	2012	Cotton gin trash compost in the substrate reduces the daminozide spray dose needed to produce compact potted chrysanthemum	Scientia Horticulturae (2012) Vol. 143, pp. 102-108	N	N/A	N/A	Use of cotton gin trash in the growth medium for chrysanthemum
1274.	Papagiannaros, A., Hatziantoniou, S., Dimas, K., Papaioannou, G.Th., Demetzos, C.	2006a	A liposomal formulation of doxorubicin, composed of hexadecylphosphocholine (HePC): physicochemical characterization and cytotoxic activity against human cancer cell lines	Biomedicine & Pharmacotherapy (2006) Vol. 60(1), pp. 36-42	N	N/A	N/A	Preparation of a novel liposomal formulation of doxorubicin

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1275.	Papagiannaros, A., Hatziantoniou, S., Lelong-Rebel, I.H., Papaioannou, G.T., Dimas, K., Demetzos, C.	2006b	Antitumor activity of doxorubicin encapsulated in hexadecylphosphocholine (HePC) liposomes against human xenografts on Scid mice	In vivo (Athens, Greece) (2006) Vol. 20(1), pp. 129-35	N	N/A	N/A	Antitumor activity of doxorubicin
1276.	Papavasiliou, J., Avgouropoulos, G., Ioannides, T.	2012	CuMnOx catalysts for internal reforming methanol fuel cells: Application aspects	International Journal of Hydrogen Energy (2012) Vol. 37(21), pp. 16739-16747	N	N/A	N/A	Catalysts for internal reforming methanol fuel cells
1277.	Pappa, P.V., Padmalatha, P., Ranjit Singh, A.J.A., Haniffa, M.A., Pandian, M.R.	2007	Effect of methanol extract of <i>Achyranthes aspera</i> L. on aflotoxicosis rats	Asian Journal of Microbiology, Biotechnology and Environmental Sciences 9.2 (2007): 297-301	N	N/A	N/A	Plant extract effects on aflotoxicosis rats
1278.	Parfenov, M V; Starokon, E V; Pirutko, L V; Panov, G	2014	Quasicatalytic and catalytic oxidation of methane to methanol by nitrous oxide over FeZSM-5 zeolite	Journal of Catalysis 318 (2014): 14-21.	N	N/A	N/A	Quasicatalytic and catalytic oxidation of methane to methanol
1279.	Park H; Kim, G; Shim S	2014	Different effect of methanol extracts and bioaccessible fraction of <i>Smilax china</i> on triglyceride accumulation in adipocytes	Journal of Food Biochemistry 38.1 (2014): 1-5.	N	N/A	N/A	Plant extract effects on triglyceride accumulation in adipocytes
1280.	Park, H., Lee, K-S., Chi, Y-M., Jeong, S-W.	2005	Effects of methanol on the catalytic properties of porcine pancreatic lipase	Journal of Microbiology and Biotechnology 15.2 (Apr 2005): 296-301	N	N/A	N/A	Effects of methanol on the catalytic properties of porcine pancreatic lipase
1281.	Park, J; Park, K; Kim, K B; Na, Y; Cho, H; Kim, J	2011	Influence and mitigation methods of reaction intermediates on cell performance in direct methanol fuel cell system	Journal of Power Sources 196.13 (Jul 1, 2011): 5446-5452.	N	N/A	N/A	Influence and mitigation methods of reaction intermediates in direct methanol fuel cell system

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1282.	Park, S., Lee, K., Kim, Y.S., Chi, Y., Shin, J.S., Back, K.	2012	Induced tyramine overproduction in transgenic rice plants expressing a rice tyrosine decarboxylase under the control of methanol-inducible rice tryptophan decarboxylase promoter	Bioprocess and biosystems engineering 35.1-2 (Jan 2012): 205-10.	N	N/A	N/A	Induced tyramine overproduction in transgenic rice plants
1283.	Park, S.H., Padhye, L.P., Wang, P., Cho, M., Kim, J.H., Huang, C.H.	2015	N-nitrosodimethylamine (NDMA) formation potential of amine-based water treatment polymers: Effects of in situ chloramination, breakpoint chlorination, and pre-oxidation	J Hazard Mater (2014) Vol. 282, pp. 133-40	N	N/A	N/A	NDMA formation from amine-based water treatment polymers
1284.	Park, Y-S., Yamazaki, Y.	2005	Low water uptake content and low water/methanol transport in CP/Nafion hybrid membrane with high non-hydrogen bonding	Journal of Membrane Science 261.1-2 (Sep 15, 2005): 58-66	N	N/A	N/A	Water uptake content and water/ ethanol transport in CP/Nafion hybrid membrane
1285.	Park, Y-S., Yohtaro, Y.	2006	Low water/methanol permeable Nafion™/CHP organic-inorganic composite membrane with high crystallinity	European Polymer Journal 42.2 (2006): 375-387	N	N/A	N/A	Crystallinity with composite membranes
1286.	Parkash, O; Kumar, D; Kumar, S.	2015	Screening of methanol extract and ethyl acetate fraction of <i>Abies webbiana</i> Lindl. for neuropharmacological activities	Indian Journal of Pharmaceutical Sciences 77.5 (Sep 2015 - Oct 2015): 536-541.	N	N/A	N/A	Neuropharmacological activities of plant extract
1287.	Parker, K.M., Zeng, T., Harkness, J., Vengosh, A., Mitch, W.A.	2014	Enhanced formation of disinfection byproducts in shale gas wastewater-impacted drinking water supplies	Environ Sci Technol (2014) Vol. 48(19), pp. 11161-11169	N	N/A	N/A	Formation of disinfection byproducts in shale gas wastewater

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1288.	Parsons, M.C., Connell Hancokc, T., Kulongoski, J.T., Belitz, K.	2014	Status of groundwater quality in the borrego valley, central desert, and low-use basins of the mojave and sonoran deserts study unit, 2008-2010: California GAMA priority basin project	US Geological Survey Scientific Investigations Report 2014-5001	N	N/A	N/A	Groundwater quality in the US
1289.	Pártay, L., Jedlovsky, P., Vincze, A., Horvai, G.	2005	Structure of the liquid-vapor interface of water-methanol mixtures as seen from Monte Carlo simulations	The journal of physical chemistry. B 109.43 (Nov 3, 2005): 20493-503	N	N/A	N/A	Structure of the liquid-vapor interface of water-methanol mixtures
1290.	Partay, L.B., Jedlovsky, P., Vincze, A., Horvai, G.	2008	Properties of free surface of water-methanol mixtures. Analysis of the truly interfacial molecular layer in computer simulation	The journal of physical chemistry. B 112.17 (May 1, 2008): 5428-38	N	N/A	N/A	Properties of free surface of water-methanol mixtures
1291.	Parthasarathy, N.J., Kumar, R.S., Manikandan, S., Devi, R.S.	2006	Methanol-induced oxidative stress in rat lymphoid organs	Journal of occupational health 48.1 (Jan 2006): 20-7	N	N/A	N/A	Methanol effects on antioxidant states and lipid peroxidation in lymphoid organs
1292.	Pasquani, S., De Rosa, M., Ligresti, A., Mugnaini, C., Brizzi, A., Caradonna, N.P., Cascio, M.G., Bolognini, D., Pertwee, R.G., Di Marzo, V., Corelli, F.	2012	Investigations on the 4-quinolone-3-carboxylic acid motif. 6. Synthesis and pharmacological evaluation of 7-substituted quinolone-3-carboxamide derivatives as high affinity ligands for cannabinoid receptors	Eur J Med Chem (2012) Vol. 58, pp. 30-43	N	N/A	N/A	No relevant endpoints investigated

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1293.	Patel, S., Pant, K.K.	2006	Influence of preparation method on performance of Cu(Zn)(Zr)-alumina catalysts for the hydrogen production via steam reforming of methanol	J Porous Mater (2006) Vol. 13(3), pp. 373-378	N	N/A	N/A	Performance of catalysts for hydrogen production via steam reforming of methanol
1294.	Pateli, P., Papafotiou, M., Chronopoulos, J.	2004	Comparative effects of four plant growth retardants on growth of <i>Epidendrum radicans</i>	Journal of Horticultural Science and Biotechnology (2004) Vol. 79(2), pp. 303-307	N	N/A	N/A	Efficacy study
1295.	Patil, M.S., Adiga, J.D., Kotimani, S.B., Shankarnag	2005	In vitro storage of gladiolus: Use of growth retardants and osmotica	Plant Cell Biotechnology and Molecular Biology (2005) Vol. 6(1 & 2), Laboratorio de Hidrobiologia Experimental, pp. 77-80	N	N/A	N/A	Use of PGRs in In vitro storage of gladiolus
1296.	Patil, P D; Gude, V G; Mannarswamy, A; Cooke, P; Nirmalakhandan, N; Lammers, P; Deng, S	2012	Comparison of direct transesterification of algal biomass under supercritical methanol and microwave irradiation conditions	Fuel 97 (Jul 1, 2012): 822-831.	N	N/A	N/A	Transesterification of algal biomass
1297.	Patil, S; Wankhade, S	2014	Chromatographic fingerprint profile of methanol extracts from non-conventional vegetable <i>Cassia tora</i> L. through HPTLC	International Journal of Life Sciences Biotechnology and Pharma Research 3.2 (Apr 2014): 146-158.	N	N/A	N/A	Fingerprint profile of plant extracts
1298.	Patterson, J.A., Ricke, S.C.	2015	Effect of ethanol and methanol on growth of ruminal bacteria <i>Selenomonas ruminantium</i> and <i>Butyrivibrio fibrisolvens</i>	J Environ Sci Health B (2015) Vol. 50(1), pp. 62-7	N	N/A	N/A	Methanol effects on bacterial growth

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1299.	Patterson, J.L.O., Ogutu, S., Walker, L.T., Verghese, M.	2012	Analysis of volatile N-nitrosamines in red swamp crayfish <i>Procambarus clarkii</i>	Journal of Pharmacology and Toxicology (2012) Vol. 7(50), pp. 242-250	N	N/A	N/A	Nitrosamines in red swamp crayfish
1300.	Paulo, C., Mourão, C., Veiga, P.M., Marques, J.M., Rocha, G., Alves, A.F., Querol, A., Meliço-Slivestre, A.A., Gonçalves, I., Flores, O., Clemente, C., Gonçalves, T.	2009	Retrospective analysis of clinical yeast isolates in a hospital in the centre of Portugal: spectrum and revision of the identification procedures	Med Mycol (2009) Vol. 47(8), pp. 836-44	N	N/A	N/A	Analysis of yeast isolates from a Portuguese hospital
1301.	Pawar, R.D., Patil, P.V., Magr, S.D., Chavan, S.K.	2011	Effect of maleic hydrazide, cycocel and SADH (alar) on growth and flower quality in marigold (<i>Tagetes erecta</i>)	Journal of Maharashtra Agricultural Universities (2011) Vol. 36(1), pp. 170-172	N	N/A	N/A	Efficacy study
1302.	Pech, A; Wilke, O; Mull, B; Horn, W; Jann, O	2013	Development of a TDS-GC-FID method for the determination of methanol and ethanol in air	Gefahrstoffe, Reinhaltung der Luft. Air Quality Control 73.11/12 (2013): 477-482.	N	N/A	N/A	Analytical detection of methanol in air
1303.	Pellizzari, M.I.D., Guerra, E.P., Stermer, R.P., Sabbagh, M.C., Cuquel, F.L.	2007	Ornamental sunflower height after applying daminozide treatment	Documentos - Embrapa Soja (2007) No. 292, pp. 186-189	N	N/A	N/A	Efficacy study
1304.	Peng, H., Li, H., Wang, C., Zhang, D., Pan, B., Xing, B.	2014	Sorption and solubility of ofloxacin and norfloxacin in water-methanol cosolvent	Chemosphere 103 (May 2014): 322-8.	N	N/A	N/A	Sorption and solubility of ofloxacin and norfloxacin

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1305.	Peng, J.H., Li, X.M., Hu, Y.Y., Feng, Q.	2013	Effect of Cordyceps polysaccharide on lipid peroxidation of rats with dimethylnitrosamine-induced liver fibrosis	Zhongguo Zhong Yao Za Zhi (2013) Vol. 38(3), pp. 391-6	N	N/A	N/A	No relevant endpoints investigated
1306.	Peng, X; Zhao, Y; Chen, D; Fan, Y; Wang, X; Wang, W; Tian, J	2014	One-pot synthesis of reduced graphene oxide supported PtCuy catalysts with enhanced electro-catalytic activity for the methanol oxidation reaction	Electrochimica Acta 136 (2014): 292-300.	N	N/A	N/A	Synthesis of reduced graphene oxide
1307.	Peng, Y., Yang, H., Wang, N., Ouyang, Y., Yi, Y., Liao, L., Shen, H., Hu, G., Wang, Z., Tao, L.	2014	Fluorofenidone attenuates hepatic fibrosis by suppressing the proliferation and activation of hepatic stellate cells	American Journal of Physiology. Gastrointestinal and liver physiology (2014) Vol. 306(3), pp. G253-63	N	N/A	N/A	Inhibitory effects of fluorofenidone on liver fibrosis
1308.	Peng, Y., Yang, H., Zhu, T., Zhao, M., Deng, Y., Liu, B., Shen, H., Hu, G., Wang, Z., Tao, L.	2013	The antihepatic fibrotic effects of fluorofenidone via MAPK signalling pathways	Eur J Clin Invest (2013) Vol. 43(4), pp. 358-68	N	N/A	N/A	No relevant endpoints investigated
1309.	Penkova, A V; Polotskaya, G A; Toikka, A M	2013	Separation of acetic acid–methanol–methyl acetate–water reactive mixture	Chemical engineering science (Sep 20, 2013): 586-592.	N	N/A	N/A	Separation of acetic acid–methanol–methyl acetate–water reactive mixture
1310.	Peñuelas, J., Filella, I., Stefanescu, C., Llusià, J.	2005	Caterpillars of <i>Euphydryas aurinia</i> (Lepidoptera: Nymphalidae) feeding on <i>Succisa pratensis</i> leaves induce large foliar emissions of methanol	The New phytologist 167.3 (Sep 2005): 851-7	N	N/A	N/A	Methanol emissions from caterpillars

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1311.	Percival Z, Y; Xu, J; Zhong, J	2013	A new high-energy density hydrogen carrier—carbohydrate—might be better than methanol	International Journal of Energy Research 37.7 (2013): 769-779.	N	N/A	N/A	New high-energy density hydrogen carrier-carbohydrate
1312.	Péres, L O; Li, R W C; Yamauchi, E Y; Lippi, R; Gruber, J	2012	Conductive polymer gas sensor for quantitative detection of methanol in Brazilian sugar-cane spirit.	Food Chemistry 130.4 (2012): 1105-1107.	N	N/A	N/A	Detection of methanol in foodstuffs
1313.	Perissinotto, A.P., Awano, C.M., Donatti, D.A., de Vicente, F.S., Vollet, D.R.	2015	Mass and surface fractal in supercritical dried silica aerogels prepared with additions of sodium dodecyl sulfate	Langmuir (2015) Vol. 31(1), pp. 562-8	N	N/A	N/A	Mass and surface fractal in supercritical dried silica aerogels
1314.	Perumal, B; Sangeetha, D	2013	Surface modification of sulfonated polystyrene ethylene butylene polystyrene membranes by Layer-by-layer assembly of polysulfone for application in direct methanol fuel cell	International Journal of Polymeric Materials and Polymeric Biomaterials 62.8 (2013): 462-467.	N	N/A	N/A	Surface modification of sulfonated polystyrene ethylene butylene polystyrene membranes
1315.	Pflieger-Bruss, S., Heitkamp, S., Hagemann, S., Körner, W., Köhn, F-M., Müller, C., Schill, W-B.	2006	Influence of tris(4-chlorophenyl)methanol, non-ortho PCB 77 and gamma-hexachlorocyclohexane on human sperm function in vitro	Andrologia 38.2 (Apr 2006): 39-47	N	N/A	N/A	Effects of OCs on human sperm function
1316.	Pfuhler, S., Fautz, R., Ouedraogo, G., Latil, A., Kenny, J., Moore, C., Diembeck, W., Hewitt, N.J., Reisinger, K., Barroso, J.	2014	The Cosmetics Europe strategy for animal-free genotoxicity testing: Project status up-date	Toxicol In Vitro (2014) Vol. 28(1), pp. 18-23	N	N/A	N/A	Animal-free genotoxicity testing project status

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1317.	Phillips, K R; Jensen, S C; Baron, M; Li, S; Friend, C M	2013	Sequential photo-oxidation of methanol to methyl formate on TiO ₂ (110)	Journal of the American Chemical Society 135.2 (Jan 16, 2013): 574-7.	N	N/A	N/A	Photo-oxidation of methanol to methyl formate
1318.	Picanço-Castro, V., Fontes, A.M., Heinz, S., Tonn, T., Covas, D.T.	2008	The chimeric cytokine Hyper-IL-6 enhances the efficiency of lentiviral gene transfer in hepatocytes both in vitro and in vivo	Biotechnology Letters (2008) Vol. 30.2, pp. 215-20	N	N/A	N/A	No relevant endpoints investigated
1319.	Ping-ping, Z; Sa-na, L; Zhao-ping, L; Zhang, L; Ai-dong, L; Li, N; Wei-xing, Y	2015	Preliminary risk assessment of methanol threshold limit value in tequila	Chinese Journal of Food Hygiene No. 3 (2015): 315-318.	N	N/A	N/A	Risk assessment of methanol in tequila; no relevant endpoints investigated
1320.	Pinto, A.C.R., Graziano, T.T., Barbosa, J.C., Lasmar, F.B.	2006	Growth retardants on production of flowering potted Thai tulip	Bragantia (2006) Vol. 65(3), pp. 369-380	N	N/A	N/A	Efficacy study
1321.	Pinto, A.C.R., Rodrigues, T.J.D., Leite, I.C., Barbosa, J.C.	2005	Effect of daminozide, paclobutrazol and chlormequat on development and quality of potted Persian Carpet zinnia	Acta Horticulturae (2005) Vol. 683 pp. 399-406	N	N/A	N/A	Efficacy study
1322.	Pinto, A.C.R., Rodrigues, T.J.D., Leite, I.C., Barbosa, J.C.	2005	Growth retardants on development and ornamental quality of potted 'Lilliput' Zinnia elegans JACQ	Sci Agric (2005) Vol. 62(4) pp.337-345	N	N/A	N/A	Efficacy study
1323.	Pirog, T.P., Konon, A.D., Sofilkanich, A.P., Shevchuk, T.A., Parfeniuk, S.A.	2013	Effect of Cu ²⁺ on synthesis of biosurfactants by <i>Acinetobacter calcoaceticus</i> IMV B-7241 and <i>Rhodococcus erythropolis</i> IMV Ac-5017	Mikrobiol Z (2013) Vol. 75(1), pp. 3-13	N	N/A	N/A	Synthesis of biosurfactants

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1324.	Pisarenko, A.N., Standford, B.D., Yan, D., Gerrity, D., Snyder, S.A.	2012	Effects of ozone and ozone/peroxide on trace organic contaminants and NDMA in drinking water and water reuse applications	Water Res (2012) Vol. 46(2), pp. 316-26	N	N/A	N/A	Water treatment with ozone and ozone/peroxide
1325.	Pizzo, F., Lombardo, A., Manganaro, A., Benfenati, E.	2013	In silico models for predicting ready biodegradability under REACH: A comparative study	Sci Total Environ (2013) Vol. 463-464, pp. 161-8	N	N/A	N/A	In silico models for predicting ready biodegradability
1326.	Plant, D.F., Simperler, A., Bell, R.G.	2006	Adsorption of methanol on zeolites X and Y. An atomistic and quantum chemical study	The journal of physical chemistry. B 110.12 (Mar 30, 2006): 6170-8	N	N/A	N/A	Adsorption of methanol on zeolites
1327.	Plengsuriyakarn, T., Eursitthichai, V., Labunruang, N., Na-Bangchang, K., Tesana, S., Aumarm, W., Pongpradit, A., Viyanant, V.	2012	Ultrasonography as a tool for monitoring the development and progression of cholangiocarcinoma in <i>Opisthorchis viverrini</i> /dimethylnitrosamine-induced hamsters	Asian Pac J Cancer Prev (2012) Vol. 13(1), pp. 87-90.	N	N/A	N/A	Monitoring the development and progression of CCA
1328.	Plengsuriyakarn, T., Viyanant, V., Eursitthichai, V., Tesana, S., Chaijaroenkul, W., Itharat, A., Na-Bangchang, K.	2012	Cytotoxicity, toxicity, and anticancer activity of <i>Zingiber officinale</i> Roscoe against cholangiocarcinoma	Asian Pac J Cancer Prev (2012) Vol. 3(9), pp. 4597-606	N	N/A	N/A	Cytotoxicity, toxicity and anticancer activity of an extract of ginger
1329.	Plotkin, A., Volmar, C.H., Wahlestedt, C., Ayad, N., El-Ashry, D.	2014	Transcriptional repression of ER through hMAPK dependent histone deacetylation by class I HDACs	Breast Cancer Res Treat (2014) Vol. 147(2), pp. 249-63	N	N/A	N/A	Identification of mechanisms underlying gene expression in breast cancer

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1330.	Plumlee, M.H., Gurr, C.J., Reinhard, M.	2012	Recycled water for stream flow augmentation: Benefits, challenges, and the presence of wastewater-derived organic compounds	Sci Total Environ (2012) Vol. 438, pp.541-8	N	N/A	N/A	Development of stream flow augmentation
1331.	P'Ng, X W; Akowuah, G A; Chin, J H	2013	Evaluation of the sub-acute oral toxic effect of methanol extract of Clinacanthus nutans leaves in rats	Journal of Acute Disease 2.1 (2013): 29-32.	N	N/A	N/A	Plant extract toxicity in rats
1332.	Pobudkiewicz, A., Treder, J.	2006	Effects of flurprimidol and daminozide on growth and flowering of oriental lily 'Mona Lisa'	Scientia Horticulturae (2006) Vol. 110(4), pp. 328-333	N	N/A	N/A	Efficacy study
1333.	Polgár, L., García-Reyes, J.F., Fodor, P., Gyepes, A., Dernovics, M., Abrankó, L., Gilbert-López P., Molina-Díaz, A.	2012	Retrospective screening of relevant pesticide metabolites in food using liquid chromatography high resolution mass spectrometry and accurate-mass databases of parent molecules and diagnostic fragment ions	J Chromatogr A (2012) Vol. 1249, pp. 83-91	N	N/A	N/A	Analytical method for detection of pesticides and their metabolites in foodstuffs
1334.	Portari, G.V., Mathias, M.G.M., Almeida, B.B., Marchini, J.S., Jordao, A.A.	2009	Effect of the temperature and pH on methanol release in coffee brew sweetened with aspartame	Acta Alimentaria 38.3 (2009): 303-307	N	N/A	N/A	Methanol release in coffee brew sweetened with aspartame
1335.	Posada-Perez, S; Vnes, F; Rodriguez, J A; Illas, F	2015	Fundamentals of methanol synthesis on metal carbide based catalysts: Activation of CO ₂ and H ₂	Topics in Catalysis 58.2/3 (2015): 159-173.	N	N/A	N/A	Methanol synthesis on metal carbide based catalysts

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1336.	Possner, D; Zimmer, T; Kürbel, P; Dietrich, H	2014	Methanol contents of fruit juices and smoothies in comparison to fruits and a simple method for the determination thereof	Deutsche Lebensmittel-Rundschau 110.2 (2014): 65-69.	N	N/A	N/A	Analytical detection of methanol in foodstuffs
1337.	Poste, A.E., Grung, M., Wright, R.F.	2014	Amines and amine-related compounds in surface waters: A review of sources, concentrations and aquatic toxicity	Science of the Total Environment (2014) Vol. 481, pp. 274-279	N	N/A	N/A	Review of amines and amine-related compounds in surface waters
1338.	Prado, O.J., Veiga, M.C., Kennes, C.	2005	Treatment of gas-phase methanol in conventional biofilters packed with lava rock	Water Res (2005) Vol. 39(11), pp. 2385-93	N	N/A	N/A	Treatment of gas-phase methanol in conventional biofilters
1339.	Prakash, S., Kohl, P.A.	2009	Performance of carbon dioxide vent for direct methanol fuel cells	Journal of Power Sources 192.2 (Jul 2009): 429-434	N	N/A	N/A	CO ₂ vent for direct methanol fuel cells
1340.	Pramanik, S.K., Das, S., Bhattacharyya, A.	2008	Photodegradation of the herbicide penoxsulam in aqueous methanol and acetonitrile	Journal of Environmental Science and Health. Part B, Pesticides, Food Contaminants, and Agricultural Wastes 43.7 (2008): 569-575	N	N/A	N/A	Photodegradation of penoxsulam
1341.	Praneenararat, T., Palmer, A.G., Blackwell, H.E.	2012	Chemical methods to interrogate bacterial quorum sensing pathways	Org Biomol Chem (2012) Vol. 10(41), pp. 8189-99	N	N/A	N/A	Chemical methods to interrogate bacterial quorum sensing pathways
1342.	Prashith Kekuda, T.R., Raghavendra, H.L., Surabhi, K.S., Preethi, H.R., Swarnalatha, S.P.	2010	Cytotoxic activity of methanol extract of <i>Abrus pulchellus</i> wall (fabaceae) leaves	Biomedicine 30.3 (Jul 2010 - Sep 2010): 377-379	N	N/A	N/A	Cytotoxic activity of plant extracts

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1343.	Praveen, T.K., Dharmaraj, S., Bajaj, J., Dhanabal, S.P., Manimaran, S., Nanjan, M.J., Razdan, R.	2009	Hepatoprotective activity of petroleum ether, diethyl ether, and methanol extract of <i>Scoparia dulcis</i> L. against CCl ₄ -induced acute liver injury in mice	Indian journal of pharmacology 41.3 (Jun 2009): 110-4	N	N/A	N/A	Hepatoprotective activity of plant extracts
1344.	Pretorius, E., Oberholzer, H.M., Becker, P.J.	2009	Comparing the cytotoxic potential of <i>Withania somnifera</i> water and methanol extracts	Afr J Tradit Complement Altern Med (2009) Vol. 6(3), pp. 275-80	N	N/A	N/A	Cytotoxic potential of plant extracts
1345.	Prieto, G., de Jong, K.P., de Jongh, P.E.	2013	Towards 'greener' catalyst manufacture: Reduction of wastewater from the preparation of Cu/ZnO/Al ₂ O ₃ methanol synthesis catalysts	Catalysis Today (2013) Vol. 215, pp. 142-151	N	N/A	N/A	Greener catalyst manufacture
1346.	Prinz, S., Tiefenbach, B., Kobow, M., Henninghausen, G.	2006	Formation of methanol and formate in Wistar rats after oral administration of methylated rapeseed oil: a fuel for lamps	Clin Toxicol (2006) Vol. 44(2), pp. 115-9	N	N/A	N/A	Methanol formation in rats after administration of methylated rapeseed oil
1347.	Prodan, V; Klyushenkova, M; Borodacheva, E	2013	Low-tonnage methanol production	Chemical and Petroleum Engineering 49.7 (Nov 1, 2013): 443-446.	N	N/A	N/A	Methanol synthesis
1348.	Pullmann, G.S., Mein, J., Johnson, S., Zhang, Y.	2005	Gibberellin inhibitors improve embryogenic tissue initiation in conifers	Plant Cell Rep (2005) Vol. 23(9), pp. 596-605	N	N/A	N/A	Investigation into improving the breeding of conifer trees
1349.	Qayyum, E., Castillo, V.A., Warrington, K., Barakat, M.A., Kuhn, J.N.	2012	Methanol oxidation over silica-supported Pt and Ag nanoparticles: Toward selective production of hydrogen and carbon dioxide	Catalysis Communications (2012) Vol. 28, pp. 128-33	N	N/A	N/A	Methanol oxidation over nanoparticles

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1350.	Qi, W., Fang Yee, L., Jiangyong, H.	2014	Relationship between organic precursors and N-nitrosodimethylamine (NDMA) formation in tropical water sources	Journal of Water and Health (2014) Vol. 12(4), pp. 736-46	N	N/A	N/A	Relationship between precursors and NDMA formation in tropical water
1351.	Qian, Y., Fu, X.C., Hu, R., Shen, L.M., Bai, H.B.	2013	Effects of Corbrin Shugan capsule on dimethylnitrosamine-induced hepatic fibrosis in rats	Zhejiang Da Xue Xue Bao Yi Xue Ban (2013) Vol. 42(5), pp. 561-6	N	N/A	N/A	Effect of Corbrin Shugan capsule on hepatic fibrosis
1352.	Qian, Y., Wu, M., Wang, W., Chen, B-B., Zheng, H., Krasner, S.W., Hrudey, S.E., Li, X-F.	2015	Determination of fourteen nitrosamines at ng/L levels in drinking water	Analytical Chemistry (2015) Vol. 87(2), pp. 1330-6	N	N/A	N/A	Analytical detection of nitrosamines in water
1353.	Qiao, Y.	2010	Effect of B9 on physiological index of <i>Phalaenopsis amabilis</i> leaves during the course of cold treatment	Beifang Yuanyi (2010) Vol. 23, pp. 148-150	N	N/A	N/A	Effect of B9 on physiology of <i>P. amabilis</i>
1354.	Qin, Z., Dimas, L., Adler, D., Brtazel, G., Buehler, M.J.	2014	Biological materials by design	J. Phys.: Condens Matter (2014) Vol. 26: 073101	N	N/A	N/A	Review of advances in the use of physical insight in the way biological materials function
1355.	Qu, X.M., You, L.X., Tian, X.C., Zhang, B.W., Mahadevan, G.D., Jiang, Y.X., Sun, S.G.	2014	CeO ₂ nanorods with high energy surfaces as electrocatalytical supports for methanol electrooxidation	Electrochimica Acta (2014) Vol. 182, pp. 1078-84	N	N/A	N/A	CeO ₂ nanorods for methanol electrooxidation

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1356.	Rabe, S Z T; Mahmoudi, M; Ahmadsimab, H; Rabe, S. S. Z. T; Emami, A	2014	Investigation of the biological activity of methanol extract from <i>Eremostachys labiosa</i> Bunge.	Food and Agricultural Immunology 25.4 (2014): 578-585.	N	N/A	N/A	Biological activity of plant extracts
1357.	Rabionowitz, J.R., Little, S.B., Laws, S.C., Goldsmith, M.R.	2009	Molecular modeling for screening environmental chemicals for estrogenicity: Use of the toxicant-target approach	Chem Res Toxicol (2009) Vol. 22(9), pp. 1594-602	N	N/A	N/A	Preliminary chemical screening based on interaction between toxicant and macro-molecular targets
1358.	Radjenovic, J., Farré, M.J., Gernjak, W.	2012	Effect of UV and UV/H ₂ O ₂ in the presence of chloramines on NDMA formation potential of tramadol	Environ Sci Technol (2012) Vol. 46(15), pp. 8356-64	N	N/A	N/A	Investigation into the NDMA formation potential of tramadol
1359.	Rafiee, E; Eavani, S	2013	Controlled immobilization of Keggin-type heteropoly acids on the surface of silica encapsulated γ -Fe ₂ O ₃ nanoparticles and investigation of catalytic activity in the oxidative esterification of arylaldehydes with methanol	Journal of Molecular Catalysis. A, Chemical (Jul 2013): 30-37.	N	N/A	N/A	Preparation, leaching and acidity measurements of heteropoly acids supported on nanoparticles
1360.	Raghavan, V., Pope, D.N., Howard, D., Gogos, G.	2006	Surface tension effects during low-Reynolds-number methanol droplet combustion	Combustion and Flame 145.4 (Jun 2006): 791-807	N	N/A	N/A	Methanol droplet combustion in a zero-gravity, low-pressure, low-temperature environment

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1361.	Rahmipour, M.R., Baktash, M.S., Vaferi, B., Mazinani, S.	2011	Reduction in CO emissions along a two-stage hydrogen-permselective membrane reactor in methanol synthesis process	Journal of Industrial and Engineering Chemistry (2011) Vol. 17(20, pp. 198-207	N	N/A	N/A	Reduction in CO in methanol synthesis process
1362.	Rahmipour, M.R., Mazinani, S., Vaferi, B., Baktash, M.S.	2011	Comparison of two different flow types on CO removal along a two-stage hydrogen permselective membrane reactor for methanol synthesis	Applied Energy (2011) Vol. 88(1), pp. 41-51	N	N/A	N/A	CO removal in a membrane reactor for methanol synthesis
1363.	Rahsepar, M; Pakshir, M; Nikolaev, P; Safavi, A; Palanisamy, K; Kim, H	2012	Tungsten carbide on directly grown multiwalled carbon nanotube as a co-catalyst for methanol oxidation	Applied Catalysis, B: Environmental 127 (2012): 265-272.	N	N/A	N/A	Tungsten carbide as a co-catalyst for methanol oxidation
1364.	Rajakrishna, L., Krishnan Unni, S., Subbiah, M., Sadagopan, S., Nair, A.R., Chandrappa, R., Sambasivam, G., Sukumaran, S.K.	2013	Validation of a human cell based high-throughput genotoxicity assay 'Anthem's Genotoxicity screen' using ECVAM recommended lists of genotoxic and non-genotoxic chemicals	Toxicol In Vitro (2014) Vol. 28(1), pp. 46-53	N	N/A	N/A	Validation of a human cell based high-throughput genotoxicity assay
1365.	Rajamani, R., Muthuvel, A., Manikandan, S., Srikumar, R., Sheeladevi, R.	2007	Efficacy of DL-alpha-lipoic acid on methanol induced free radical changes, protein oxidative damages and hsp70 expression in folate deficient rat nervous tissue	Chem Biol Interact (2007) Vol. 167(3), pp. 161-7	N	N/A	N/A	LPA effects on free radical changes and oxidative damage in rat brains

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1366.	Rajamurugan, R., Selvaganabathy, N., Kumaravel, S., Ramamurthy, Ch., Sujatha, V., Suresh Kumar, M., Thirunavukkarasau, C.	2011	Identification, quantification of bioactive constituents, evaluation of antioxidant and in vivo acute toxicity property from the methanol extract of <i>Vernonia cinerea</i> leaf extract	Pharm Biol (2011) Vol. 49(12), pp. 1311-20	N	N/A	N/A	Antioxidant properties and acute toxicity of plant extracts
1367.	Rajasekaran A; Govindarajan, A; Arivukkarasu R	2015	Acute and sub-chronic toxicity study of methanol leaf extract of <i>Cardiospermum halicacabum</i> L and <i>Vitex negundo</i> L in rats.	Pharmacognosy Communications 5.1 (2015): 39-45.	N	N/A	N/A	Acute and sub-chronic toxicity of plant extracts
1368.	Raji, Y., Oloyo, A.K., Morakinyo, A.O.	2006	Effect of methanol extract of <i>Ricinus communis</i> seed on reproduction of male rats	Asian journal of andrology 8.1 (Jan 2006): 115-21	N	N/A	N/A	Plant extract effects on reproduction of male rats
1369.	Raji, Y., Oyeyemi, W.A., Shittu, S.T., Bolarinwa, A.F.	2011	Gastro-protective effect of methanol extract of <i>Ficus asperifolia</i> bark on indomethacin-induced gastric ulcer in rats	Nig J Physiol Sci (2011) Vol. 26, pp. 43-38	N	N/A	N/A	Gastro-protective effect of plant extracts
1370.	Rajmani, R., Muthuvel, A., Senthilvelan, M., Sheeladevi, R.	2009	Oxidative stress induced by methotrexate alone and in the presence of methanol in discrete regions of the rodent brain, retina and optic nerve	Toxicology Letters (2006) Vol. 165(3), pp. 265-273	N	N/A	N/A	Oxidative stress induced by methotrexate in regions of the rodent brain, retina and optic nerve
1371.	Ralli, M., Troiani, D., Podda, M.V., Paciello, F., Eramo, S.L., de Corso, E., Salvi, R., Paludetti, G., Fetoni, A.R.	2014	The effect of the NMDA channel blocker memantine on salicylate-induced tinnitus in rats	Acta Otorhinolaryngol Ital (2014) Vol. 34(3), pp. 198-204	N	N/A	N/A	Prevention of salicylate-induced tinnitus by NDMA

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1372.	Ramachandran, S; Rajasekaran, A; Kumar, K T M	2011	Antidiabetic, antihyperlipidemic and antioxidant potential of methanol extract of <i>Tectona grandis</i> flowers in streptozotocin induced diabetic rats	Asian Pacific journal of tropical medicine 4.8 (Aug 2011): 624-31.	N	N/A	N/A	Antidiabetic, antihyperlipidemic and antioxidant potential of plant extracts
1373.	Ramachandran, S; Rajini Kanth, B; Rajasekaran, A; Manisenthil Kumar, K T	2011	Evaluation of anti-inflammatory and analgesic potential of methanol extract of <i>Tectona grandis</i> flowers	Asian Pacific Journal of Tropical Biomedicine 1.SUPPL. 2 (Dec 2011): S155-S158.	N	N/A	N/A	Anti-inflammatory and analgesic potential of plant extracts
1374.	Ramesh, T., Lee, K., Lee, H-W., Kim, S-J.	2009	Subacute toxicological evaluation of <i>Asiasari radix</i> methanol extract	Drug and chemical toxicology 32.3 (2009): 243-51	N	N/A	N/A	Toxicity of plant extracts
1375.	Ramezani, N., Ehsanfar, Z., Shamsa, F., Amin, G., Shahverdi, H.R., Esfahani, H.R.M., Shamsaie, A., Bazaz, R.D., Shahverdi, A.R.	2008	Screening of medicinal plant methanol extracts for the synthesis of gold nanoparticles by their reducing potential	Zeitschrift fur Naturforschung B (2008) Vol. 63(7), pp. 903-908	N	N/A	N/A	Screening of plant extracts for synthesis of gold nanoparticles
1376.	Ramirez, A.A., Deschamps, J., Jones, J.P., Heitz, M.	2010	Experimental determination of kinetic parameters of methanol biodegradation in biofilters packed with inert and organic materials	Journal of Chemical Technology and Biotechnology 85.3 (Mar 2010): 404-409	N	N/A	N/A	Determination of kinetic parameters of methanol biodegradation in biofilters

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1377.	Ramírez, N., Ozel, M.Z., Lewis, A.C., Marcé, R.M., Borrull, F., Hamilton, J.F.	2012	Determination of nicotine and N-nitrosamines in house dust by pressurized liquid extraction and comprehensive gas chromatography-Nitrogen chemiluminiscence detection	J Chromatogr A (2012) Vol. 1219, pp. 180-7	N	N/A	N/A	Analytical method for detection of nitrosamines in house dust
1378.	Ramírez, N., Ozel, M.Z., Lewis, A.C., Marcé, R.M., Borrull, F., Hamilton, J.F.	2014	Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers	Environment International (2014) Vol. 71, pp. 139-147	N	N/A	N/A	Increased cancer risk from nitrosamine exposure from passive smoking
1379.	Ramirez-Lopez, E.M., Corona-Hernandez, J., Avelar-Gonzalez, F.J., Omil, F., Thalasso, F.	2010	Biofiltration of methanol in an organic biofilter using peanut shells as medium	Bioresource Technology 101.1 (2010): 87-91	N	N/A	N/A	Biofiltration of methanol in an organic biofilter
1380.	Ramji, H R; Abdullah, M O; Leo, S L	2014	Parametric study and simulation of a heat-driven adsorber for air conditioning system employing activated carbon-methanol working pair	Applied Energy 113 (Jan 1, 2014): 324-333	N	N/A	N/A	Heat-driven adsorber for air conditioning system
1381.	Ranea, V.A.	2014	Dimethylamine formation from N-nitrosodimethylamine adsorbed on the Ni{1 1 1} surface from first principles	Journal of Molecular Catalysis A Chemical (2014) Vol. 392, pp. 157-163	N	N/A	N/A	Dimethylamine formation from NDMA

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1382.	Ratajczak-Wrona, W., Jablonska, E., Garley, M., Jablonski, J., Radziwon, P., Iwaniuk, A.	2013	Role of AP-1 family proteins in regulation of inducible nitric oxide synthase (iNOS) in human neutrophils	J Immunotoxicol (2013) Vol. 10(1), pp. 32-9	N	N/A	N/A	Role of AP-1 family proteins in regulation of inducible nitric oxide synthase
1383.	Ratajczak-Wrona, W., Jablonska, E., Garley, M., Jablonski, J., Radziwon, P.	2013	Role of ERK1/2 kinase in the expression of iNOS by NDMA in human neutrophils	Indian J Exp Biol (2013) Vol. 51(1), pp. 73-80	N	N/A	N/A	Role of ERK1/2 kinase in iNOS expression and nitric oxide production
1384.	Ratajczak-Wrona, W., Jablonska, E., Garley, M., Jablonski, J., Radziwon, P., Iwaniuk, A., Grubczak, K.	2014	PI3K-Akt/PKB signaling pathway in neutrophils and mononuclear cells exposed to N-nitrosodimethylamine	J Immunotoxicol (2014) Vol.11(3), pp. 231-7	N	N/A	N/A	Role of PI3K-Akt/ PKB pathway in induction of No synthesis in neurophils exposed to NDMA
1385.	Ravichandra, V D; Paarakh, P M	2014	Evaluation of anti-diabetic potentials of methanol extract of <i>Ficus hispida</i> Linn. leaves against alloxan induced diabetic rats.	British Journal of Pharmaceutical Research 4.3 (2014): 315-324.	N	N/A	N/A	Anti-diabetic potential of plant extract
1386.	Ravnum, S., Rundén-Pran, E., Fjellsbø, L.M., Dusinska, M.	2014	Human health risk assessment of nitrosamines and nitramines for potential application in CO2 capture	Regul Toxicol Pharmacol (2014) Vol. 69(2), pp. 250-5	N	N/A	N/A	Human health risk assessment of nitrosamines and nitramines in CO2 capture
1387.	Ray, S., Ray, S.K.	2006	Synthesis of highly methanol selective membranes for separation of methyl tertiary butyl ether (MTBE)-methanol mixtures by pervaporation	Journal of Membrane Science 278.1-2 (Jul 5, 2006): 279-289	N	N/A	N/A	Synthesis of membranes for separation of MTBE-mixtures

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1388.	Read, K.A., Carpenter, L.J., Arnold, S.R., Beale, R., Nightingale, P.D., Hopkins, J.R., Lewis, A.C., Lee, J.D., Mendes, L., Pickering, S.J.	2012	Multiannual observations of acetone, methanol, and acetaldehyde in remote tropical atlantic air: implications for atmospheric OVOC budgets and oxidative capacity	Environ Sci Technol (2012) Vol. 46(20), pp. 11028-11039	N	N/A	N/A	Atmospheric levels of OVOCs
1389.	Reddy, M M; Dhas D, J; Dhas, J; Adeghate, E; Starling E, B	2015	Anti-hyperlipidemic effect of methanol bark extract of <i>Terminalia chebula</i> in male albino Wistar rats	Pharmaceutical biology 53.8 (Aug 2015): 1133-40.	N	N/A	N/A	Anti-hyperlipidemic effect of plant extract
1390.	Reddy, N.J., Lewis, L.D., Gardner, T.B., Osterling, W., Eskey, C.J., Nierenberg, D.W.	2007	Two cases of rapid onset Parkinson's syndrome following toxic ingestion of ethylene glycol and methanol	Clin Pharamacol Ther (2007) Vol. 81(1), pp. 114-21	N	N/A	N/A	Effects of ethylene glycol and methanol on Parkinson's syndrome
1391.	Reddy, N.J., Sudini, M., Lewis, L.D.	2010	Delayed neurological sequelae from ethylene glycol, diethylene glycol and methanol poisonings	Clin Toxicol (2010) Vol. 48(1), pp. 967-73	N	N/A	N/A	Review of methanol poisonings
1392.	Reed, M.D., Blair, L.F., Burling, K., Daly, I., Gigliotti, A.P., Gudi, R., Mercieca, M.D., McDonald, J.D., O'Callaghan, J.P., Seilkop, S.K., Ronskoh, N.L., Wagner, V.O., Kraska, R.C.	2006	Health effects of subchronic exposure to diesel-water-methanol emulsion emission	Toxicol Ind Health (2006) Vol. 22(2), pp. 65-85	N	N/A	N/A	Health effects of subchronic exposure to diesel-water-methanol emulsion emission

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1393.	Reen, F.J., Clarke, S.L., Legendre, C., McSweeney, C.M., Eccles, K.S., Lawrence, S.E., O'Gara, F., McGlacken, G.P.	2012	Structure-function analysis of the C-3 position in analogues of microbial behavioural modulators HHQ and PQS	Org Biomol Chem (2012) Vol. 10(44), pp. 8903-10	N	N/A	N/A	Structure-function analysis of microbial behavioural modulators; no relevant endpoints investigated
1394.	Reif, D.M., Martin, M.T., Tan, S.W., Houck, K.A., Judson, R.S., Richard, A.M., Knudsen, T.B., Dix, D.J., Kavlock, R.J.	2010	Endocrine profiling and prioritization of environmental chemicals using ToxCast data	Environ Health Perspect (2010) Vol. 118(12), pp. 1714-20	N	N/A	N/A	Methodology for chemical testing prioritisation
1395.	Reinhard, H., Zoller, O.	2013	Nitrosamine determination in water sources	Aqua & Gas (2013) Vol. 93(3), pp. 36-42	N	N/A	N/A	Analytical detection of nitrosamines in water
1396.	Reiser, M., Stowe, K., Maier, W.F.	2012	Combinatorial development of novel Pd based mixed oxide catalysts for the CO hydrogenation to methanol	ACS Comb Sci (2012) Vol. 14(6), pp. 378-387	N	N/A	N/A	Synthesis of Pd oxides for catalysts for methanol synthesis
1397.	Reitjens, S.J., de Lange, D.W., Meulenbelt, J.	2014	Ethylene glycol or methanol intoxication: which antidote should be used, fomepizole or ethanol?	Neth J Med (2014) Vol. 72(2), pp. 73-9	N	N/A	N/A	Antidote for methanol and ethylene glycol poisoning
1398.	Rene, E.R., Jin, Y., Veiga, M.C., Kennes, C.	2009	Two-stage gas-phase bioreactor for the combined removal of hydrogen sulphide, methanol and alpha-pinene	Environ Technol (2009) Vol. 30(12), pp. 1261-72	N	N/A	N/A	Bioreactor for removal of H ₂ S, methanol and alpha-pinene

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1399.	Renó, M L G; Lora, E E S; Palacio, J C E; Venturini, O J; Buchgeister, J; Almazan, O	2011	A LCA (life cycle assessment) of the methanol production from sugarcane bagasse	Energy 36.6 (Jun 1, 2011): 3716-3726.	N	N/A	N/A	LCA of the methanol production from sugarcane bagasse
1400.	Reus, A.A., Usta, M., Krul, C.A.	2012	The use of ex vivo human skin tissue for genotoxicity testing	Toxicol Appl Pharmacol (2012) Vol. 261(2), pp. 154-63	N	N/A	N/A	Development of in vitro genotoxicity testing; no relevant endpoints investigated
1401.	Reyes-Contreras, C., Domínguez, C., Bayona, J.M.	2012	Determination of nitrosamines and caffeine metabolites in wastewaters using gas chromatography mass spectrometry and ionic liquid stationary phases	J Chromatogr A (2012) Vol. 1261, pp. 164-70	N	N/A	N/A	Analytical method for detection of nitrosamines in water
1402.	Reza, H., Hag, W.M., Das, A.K., Rahman, S., Jahan, R., Rahmatullah, M.	2011	Anti-hyperglycemic and antinociceptive activity of methanol leaf and stem extract of Nypa fruticans Wurmb	Pak J Pharm Sci (2011) Vol. 24(40), pp. 485-8	N	N/A	N/A	Anti-hyperglycemic and antinociceptive activity of plant extracts
1403.	Riazi Kemani, F., Pawliszyn, J.	2012	Sorbent coated glass wool fabric as a thin film microextraction device	Anal Chem (2012) Vol. 84(21), pp. 8990-5	N	N/A	N/A	A new approach for thin film microextraction with mixed-phase sorptive coating
1404.	Ribeiro, A M; Santos, J C; Rodrigues, A E; Riffart, S	2012	Syngas stoichiometric adjustment for methanol production and co-capture of carbon dioxide by pressure swing adsorption	Separation Science and Technology 47.6 (2012): 850-866.	N	N/A	N/A	Syngas stoichiometric adjustment for methanol production and co-capture of carbon dioxide

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1405.	Ribeiro, A.M., Santos, J.C., Rodrigues, A.E.	2010	PSA design for stoichiometric adjustment of bio-syngas for methanol production and co-capture of carbon dioxide	Chemical Engineering Journal 163.3 (2010): 355-363	N	N/A	N/A	Development of syngas for methanol production
1406.	Ricart, I.S., Antón-Fos, G.M., Duart, M.J., Mateo, J.V., Zamora, L.L., Calatayud, J.M.	2007	Theoretical prediction of the photoinduced chemiluminescence of pesticides	Talanta (2007) Vol. 72(2), pp. 378-86	N	N/A	N/A	Theoretical prediction of photoinduced chemiluminescence of pesticides
1407.	Richard, N.L., Pivarnik, L.F., Ellis, P.C., Lee, C.M.	2011	Impact of quality parameters on the recovery of putrescine and cadaverine in fish using methanol-hydrochloric acid solvent extraction	J AOAC Int (2011) Vol. 94(4), pp. 1177-88	N	N/A	N/A	Analytical detection of amines in fish tissues
1408.	Richards, D D; Ang, M T C; McDonald, R; Bierenstiel, M	1015	Structure and spectroscopic properties of N,S-coordinating 2-methyl-sulfanyl-N-(1H-pyrrol-2-yl)methyl-ideneaniline methanol monosolvate	Acta Crystallographica. Section E, Crystallographic communications 71.Pt 10 (Sep 12, 2015): 1136-9.	N	N/A	N/A	Structure and properties of N,S-coordinating 2-methyl-sulfanyl-N-(1H-pyrrol-2-yl)methyl-ideneaniline methanol monosolvate
1409.	Rico, E.P., Rosemberg, D.B., Senger, M.R., Arizi, M. de B., Bernardi, G.F., Dias, R.D., Bogo, M.R., Bonan, C.D.	2006	Methanol alters ecto-nucleotidases and acetylcholinesterase in zebrafish brain	Neurotoxicology and teratology 28.4 (Jul 2006 - Aug 2006): 489-96	N	N/A	N/A	Methanol effects on enzymes in zebrafish brains; no relevant endpoints investigated

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1410.	Ridharan, B; Michael, S; Arya, R; Mohana R, S; Ganesh, R N; Viswanathan, P	2015	Beneficial effect of <i>Citrus limon</i> peel aqueous methanol extract on experimentally induced urolithic rats	Pharmaceutical biology (Oct 9, 2015): 1-11.	N	N/A	N/A	Plant extract effects on rats
1411.	Riga, P.	2012	Avoiding the use of plant growth regulator in geranium production by application of a cyclic deficit irrigation strategy	Journal of Applied Horticulture (Lucknow) (2012) Vol. 14(1), pp. 7-12	N	N/A	N/A	Use of culture practices in geranium production
1412.	Ritzkopf, I., Vukojevic, S., Weidenthaler, C., Grunwaldt, J-D., Schüth, F.	2006	Decreased CO production in methanol steam reforming over Cu/ZrO ₂ catalysts prepared by the microemulsion technique	Applied Catalysis A: General 302.2 (2006): 215-223	N	N/A	N/A	Decreased CO production in methanol steam reforming
1413.	Rivarolo, M; Marmi, S; Riveros-Godoy, G; Magistri, L	2014	Development and assessment of a distribution network of hydro-methane, methanol, oxygen and carbon dioxide in Paraguay	Energy Conversion and Management 77 (2014): 680-689.	N	N/A	N/A	Distribution network of hydro-methane, methanol, oxygen and carbon dioxide in Paraguay
1414.	Robl, S; Wörner, M; Maier, D; Braun, A M	2012	Formation of hydrogen peroxide by VUV-photolysis of water and aqueous solutions with methanol	Photochemical & photobiological sciences 11.6 (Jun 2012): 1041-50.	N	N/A	N/A	Formation of hydrogen peroxide by VUV-photolysis of water and aqueous solutions with methanol
1415.	Rodriguez-Celis, E M; Duchesne, S; Jalbert, J; Ryadi, M	2015	Understanding ethanol versus methanol formation from insulating paper in power transformers	Cellulose 22.5 (2015): 3225-3236.	N	N/A	N/A	Understanding ethanol versus methanol formation from insulating paper in power transformers

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1416.	Rodríguez-Solana, R; Salgado, J M; Domínguez, J M; Cortés-Diéguez, S	2014	Estragole quantity optimization from fennel seeds by supercritical fluid extraction (carbon dioxide-methanol) using a Box-Behnken design. Characterization of fennel extracts.	Industrial Crops and Products 60 (2014): 186-192.	N	N/A	N/A	Estragole quantity optimization from fennel seeds
1417.	Roemer, E. Schramke, H., Weiler, H., Buettner, A., Kausche, S., Weber, S., Berges, A., Stueber, M., Muench, M. et al.	2012	Mainstream smoke chemistry and in vitro and in vivo toxicity of the reference cigarettes 3R4F and 2R4F	Beitraege zur Tabakforschung International (2012) Vol. 25(1), pp. 316-335	N	N/A	N/A	Cigarette smoke chemistry and cigarette toxicity
1418.	Roemer, E., Schorp, M.K., Piadé, J.J., Seeman, J.I., Leyden, D.E., Haussmann, H.J.	2012	Scientific assessment of the use of sugars as cigarette tobacco ingredients: A review of published and other publicly available studies	Crit Rev Toxicol (2012) Vol. 42(3), pp. 244-78	N	N/A	N/A	Investigation into the use of sugars as cigarette tobacco ingredients
1419.	Roepke, J., Jean, T., Perkel, K.J., Blom, T., Bozzo, G.G.	2013	Daminozide alters anthocyanin metabolism in ray florets of bronze chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat.).	J Plant Growth Regul (2013) Vol. 32, pp. 453-460	N	N/A	N/A	Daminozide mode of action
1420.	Roest, K., Altinbas, M., Paulo, P.L., Heilig, H.G.H.J., Akkermans, A.D.L., Smidt, H., de Vos, W.M., Stams, A.J.M.	2005	Enrichment and detection of microorganisms involved in direct and indirect methanogenesis from methanol in an anaerobic thermophilic bioreactor	Microbial ecology 50.3 (Oct 2005): 440-6	N	N/A	N/A	Enrichment and detection of microorganisms involved in methanogenesis

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1421.	Rojas, J., Diaz, D.	2009	<i>Passiflora edulis</i> Sims (passion fruit) leaves methanol extract toxicity in rats	Anales de la Facultad de Medicina 70.3 (2009): 175-180	N	N/A	N/A	Toxicity of plant extracts
1422.	Romanova, S.M., Mukhetdinova, A.M., Fridland, S.V.	2012	Modification of cellulose nitrate with asymmetrical dimethylhydrazine and hydrazides	Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya Tekhnologiya (2012) Vol. 55(3), pp. 68-73	N	N/A	N/A	Reactions of cellulose nitrate
1423.	Romeo, O., Delfino, D., Costanzo, B., Cascio, A., Crieso, G.	2012	Molecular characterization of Italian <i>Candida parapsilosis</i> isolates reveals the cryptic presence of the newly described species <i>Candida orthopsilosis</i> in blood cultures from newborns	Diagn Microbiol Infect Dis (2012) Vol. 72(3), pp. 234-8	N	N/A	N/A	Molecular characterisation of <i>C. parapsilosis</i> isolates
1424.	Rono, L.J., Yayla, H.G., Wang, D.Y., Armstrong, M.F., Knowles, R.R.	2013	Enantioselective photoredox catalysis enabled by proton-coupled electron transfer: Development of an asymmetric aza-pinacol cyclization	J Am Chem Soc (2013) Vol. 135(47), pp. 17735-11738	N	N/A	N/A	Catalytic protocol for the reductive coupling of ketones and hydrazones
1425.	Rontree, S., Ryan, C., Kearney, G., Winkler, M.	2005	Analysis of pesticide residues in agricultural products	GIT Labor-Fachzeitschrift (2005) Vol. 49(5), pp. 398, 400-403	N	N/A	N/A	Analytical method for detection of residues in foodstuffs
1426.	Ros, A, López-Rodríguez, R., Estepa, B., Álvarez, E., Fernández, R., Lassaletta, J.M.	2012	Hydrazone as the directing group for Ir-catalyzed arene diborylations and sequential functionalizations	J Am Chem Soc (2012) Vol. 134(10), pp. 4573-6	N	N/A	N/A	No relevant endpoints investigated

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1427.	Rosal, C., Betowski, D., Romano, J., Neukom, J., Wesolowski, D., Zintek, L.	2009	The development and inter-laboratory verification of LC-MS libraries for organic chemicals of environmental concern	Talanta (2009) Vol. 79(3), pp. 810-7	N	N/A	N/A	Analytical method libraries for organic chemicals of environmental concern
1428.	Rosidah, Yam, M.F., Sadikun, A., Ahmad, M., Akowuah, G.A., Asmawi, M.Z.	2009	Toxicology evaluation of standardized methanol extract of <i>Gynura procumbens</i>	Journal of Ethnopharmacology 123.2 (Jun 22, 2009): 244-9	N	N/A	N/A	Toxicology of plant extracts
1429.	Roso, M; Lorenzetti, A; Boaretti, C; Hrelja, D; Modesti, M	2015	Graphene/TiO2 based photo-catalysts on nanostructured membranes as a potential active filter media for methanol gas-phase degradation	Applied Catalysis, B: Environmental 176-177 (2015): 225-232.	N	N/A	N/A	Photo-catalysts on nanostructured membranes as a potential active filter media for methanol gas-phase degradation
1430.	Ross, J.R.H., Clancy, P.	2008	The use of copper catalysts for the selective reduction of NO with methanol	Catalysis Today (2008) Vol. 137(2), pp. 146-156	N	N/A	N/A	Selective reduction of NO with methanol
1431.	Rotroff, D.M., Martin, M.T., Dix, D.J., Filer, D.L., Houck, K.A., Knudsen, T.B., Sipes, N.S., Reif, D.M., Xia, M., Huang, R., Judson, R.S.	2014	Predictive endocrine testing in the 21st Century using in vitro assays of estrogen receptor signaling responses	Environ Sci Technol (2014) Vol. 48(15), pp. 8706-16	N	N/A	N/A	In vitro assay testing of potential endocrine disruption of environmental chemicals
1432.	Roux, J.L., Gallard, H., Croué, J.P., Papot, S., Deborde, M.	2012	NDMA formation by chloramination of ranitidine: kinetics and mechanism	Environ Sci Technol (2012) Vol. 46(20), pp. 11095-103	N	N/A	N/A	NDMA formation by chloramination of ranitidine

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1433.	Rowbottom, L., Workman, C., Roberts, N.B.	2009	Evaluation of selected-ion flow-tube mass spectrometry for the measurement of ethanol, methanol and isopropanol in physiological fluids: effect of osmolality and sample volume	Rapid Commun Mass Spectrom (2009) Vol. 23(17), pp. 2763-7	N	N/A	N/A	Analytical detection of methanol in physiological fluids
1434.	Ruan, L.P., Shen, D.X., Ji, W.L., May, Y.J.	2012	Simultaneous determination of maleic hydrazide and daminozide in peanut by high performance liquid chromatography-tandem mass spectrometry	Jiangsu Journal of Agricultural Sciences (2012) Vol. 28(1), pp. 228-230	N	N/A	N/A	Detection of daminozide in foodstuffs
1435.	Rucksaken, R., Khoontawad, J., Roytrakul, S., Pinlaor, P., Hiraku, Y., Wongkham, C., Pairojkul, C., Boonmars, T., Pinlaor, S.	2012	Proteomic analysis to identify plasma orosomucoid 2 and kinesin 18A as potential biomarkers of cholangiocarcinoma	Cancer Biomark (2012) Vol. 12(2), pp. 81-95	N	N/A	N/A	Use of proteomic analysis to identify biomarkers for CCA
1436.	Ryu, J C; Park, S M; Hwangbo, M; Byun, S H; Ku, S K; Kim, Y W; Kim, S C; Jee, S Y; Cho, I J	2013	Methanol extract of <i>Artemisia apiacea</i> hance attenuates the expression of inflammatory mediators via NF- B inactivation	Evidence-based Complementary and Alternative Medicine 2013 (2013).	N	N/A	N/A	Effects of plant extracts on the expression of inflammatory mediators via NF- B inactivation
1437.	Sa, S., Silva, H., Brandao, L., Sousa, J.M., Mendes, A.	2010	Catalysts for methanol steam reforming - A review	Applied Catalysis B: Environmental 99.1-2 (Aug 31, 2010): 43-57	N	N/A	N/A	Catalysts for methanol steam reforming

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1438.	Sabaté, C.M., Delalu, H., Forquet, V., Jeanneau, E.	2012	Salts of 1-(chloromethyl)-1,1-dimethylhydrazine and ionic liquids	RSC Adv (2012) Vol. 2, pp. 3691-3699	N	N/A	N/A	Spectral analysis of salts of 1-(chloromethyl)-1,1-dimethyl-hydrazine
1439.	Sabaté, C.M., Jeanneau, E., Delalu, H.,	2012	Energetic ionic compounds based on the 2-tetrazenium cation	European Journal of Inorganic Chemistry (2012) Vol. 2012, Issue 14, pp. 2418-2428	N	N/A	N/A	Physico-chemical properties of energetic ionic compounds based on the 2-tetrazenium cation
1440.	Saedi, Z; Behbahani, M; Mohabatkar, H	2015	Evaluation of methanol extract activity of leaf, seed, skin and juice from five Iranian grape cultivars on lymphocyte proliferation and their mutagenicity in the Ames test	Current Nutrition and Food Science 11.1 (May 1, 2015): 16-20.	N	N/A	N/A	Plant extract effects on lymphocyte proliferation and their mutagenicity
1441.	Saffari, V.R., Khalighi, A., Lesani, H., Babalar, M., Obermaier, J.F.	2004	Effects of different plant growth regulators and time of pruning on yield components of <i>Rosa damascena</i> Mill	International Journal of Agriculture & Biology (2004) Vol. 6(6), pp. 1040-42	N	N/A	N/A	Efficacy study
1442.	Sahib, H B ; Al-Zubaudy, A A; Hussain, S M; Jasim, G A; Qasim, B J ; Al Rawi, S S	2014	Acute toxicity of <i>Vitex agnus</i> castus methanol extract	International Journal of Pharmaceutical Sciences Review and Research 26.2 (May 2014 - Jun 2014): 123-128.	N	N/A	N/A	Toxicity of plant extracts
1443.	Sahin, A; Kaya, S; Türkcü, G; Cingü, A K; Yüksel, H; Türkcü, F M; Yüksel, H; Cinar, Y; Arı, S; Sahin, M; Çaça, I; Gökalp, O	2013	The effects of caffeic acid phenethyl ester in acute methanol toxicity on rat retina and optic nerve	Cutaneous and ocular toxicology 32.4 (Oct 2013): 263-7.	N	N/A	N/A	Effects of caffeic acid phenethyl ester in methanol toxicity on rat retina and optic nerve

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1444.	Sahle-Demessie, E., Devulapelli, V.G.	2009	Oxidation of methanol and total reduced sulfur compounds with ozone over V ₂ O ₅ /TiO ₂ catalyst: Effect of humidity	Applied Catalysis A: General (2009) Vol. 361(1-2), pp. 72-80	N	N/A	N/A	Oxidation of methanol and total reduced sulfur compounds over catalysts
1445.	Sahle-Demessie, E., Sehker, S.C., Almquist, C.B.	2008	The role of catalyst properties on methanol oxidation over V ₂ O ₅ -TiO ₂ using ozone	Water, Air, and Soil Pollution: Focus 8.3-4 (Aug 1, 2008): 297-309	N	N/A	N/A	The role of catalyst properties on methanol oxidation
1446.	Saito, S., Okamoto, M., Shinoda, S., Kushiro, T., Koshiba, T., Kamiya, Y., Hirai, N., Todoroki, Y., Sakata, K., Nambara, E., Mizutani, M.	2006	A plant growth retardant, uniconazole, is a potent inhibitor of ABA catabolism in Arabidopsis	Biosci Biotechnol Biochem (2006) Vol. 70(7), pp. 1731-9	N	N/A	N/A	PGR mode of action in Arabidopsis
1447.	Sakai, H., Kosaka, K., Takiwaza, S.	2012	Effect of wavelength on UV-degradation of N-nitrosodimethylamine	Ozone Science & Engineering (2012) Vol. 34(2), Sp. Iss. SI, pp. 115-119	N	N/A	N/A	UV degradation of NDMA
1448.	Sakai, H., Takamatsu, T., Oguma, K., Murakami, M., Kosaka, K., Asami, M., Takizawa, S.	2014	Effects of natural organic matter and nitrate on the behavior of nitrosodimethylamine during ultraviolet irradiation and chloramination	Journal of Water Supply: Research and Technology – AQUA (2014) Vol. 63(4), pp. 260-267	N	N/A	N/A	Behaviour of NDMA during UV irradiation and chloramination
1449.	Sakong, S., Gross, A.	2007	Total oxidation of methanol on Cu(110): a density functional theory study	The journal of physical chemistry. A 111.36 (Sep 13, 2007): 8814-22	N	N/A	N/A	Total oxidation of methanol on Cu(110)

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1450.	Salakkam, A; Webb, C	2015	The inhibition effect of methanol, as a component of crude glycerol, on the growth rate of <i>Cupriavidus necator</i> and other micro-organisms	Biochemical Engineering Journal 98.15 (Jun 2015): 84-90.	N	N/A	N/A	Methanol impact on microorganism growth; no relevant endpoints investigated
1451.	Salavagione, H.J., Sanchis, C., Morallon, E.	2007	Friendly conditions synthesis of platinum nanoparticles supported on a conducting polymer: Methanol electrooxidation	J Phys Chem (2007) Vol. 111(33), pp. 12454-12460	N	N/A	N/A	Synthesis of Pt Nanoparticles supported on conductive polymers
1452.	Saleem, M; Naseer, F; Hussain, K; Alamgeer	2015	Cytotoxic effect of methanol extract of <i>Conyza bonariensis</i> on DMBA-induced skin carcinogenesis: an in vivo study.	Bangladesh Journal of Pharmacology 10.2 (2015): 467-474	N	N/A	N/A	Cytotoxic effects of plant extracts
1453.	Saleem, U; Ahmad, B; Ahmad, M; Hussain, K; Bukhari, N I	2014	Investigation of in vivo antioxidant activity of <i>Euphorbia helioscopia</i> latex and leaves methanol extract: a target against oxidative stress induced toxicity	Asian Pacific journal of tropical medicine 71 (Sep 2014): S369-75.	N	N/A	N/A	Antioxidant activity of plant extracts
1454.	Saleem, U; Ahmad, B; Ahmad, M; Hussain, K; Bukhari, N I; Anjum, A A	2014	Teratogenic and embryotoxic effects of latex and leaves methanol extract of <i>Euphorbia helioscopia</i> L. in mice and chicken embryos.	JAPS, Journal of Animal and Plant Sciences 24.2 (2014): 450-454.	N	N/A	N/A	Teratogenic and embryotoxic effects of plant extracts
1455.	Salek, T., Humpolicek, P., Ponizil, P.	2014	Metabolic disorders due to methanol poisoning	Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub (2014) Vol. 158(4), pp. 635-9	N	N/A	N/A	Methanol poisoning effects on glomerular filtration rate and metabolic markers

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1456.	Salman, S Y; Kara, N; Öz, O.	2015	The contact toxicities of extracts with hexane, ethanol and, methanol of some plants on various developmental stages of <i>Leptinotarsa decemlineata</i> Say (Coleoptera: Chrysomelidae).	Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi 19.1 (2015): 124-130	N	N/A	N/A	Plant extract efficacy study
1457.	Sanders, S.A., Sammakorpi, M., Panagiotopoulos, A.Z.	2012	Atomistic simulations of micellization of sodium hexyl, heptyl, octyl, and nonyl sulfates	J Phys Chem B (2012) Vol. 116(8), pp. 2430-7	N	N/A	N/A	Atomistic simulations of micellization
1458.	Sandhir, R. Kaur, K.	2006	Influence of ethanol on methanol-induced oxidative stress and neurobehavioral deficits	J Biochem Mol Toxicol (2006) Vol. 20(5), pp. 247-54	N	N/A	N/A	Efficacy of ethanol as an antidote to methanol neurotoxicity
1459.	Sani, Y M; Musa, A M; Pateh, U U; Haruna, A K; Yaro, A H; Sani, M B; Haruna, A; Magaji, M G	2014	Phytochemical screening and preliminary evaluation of analgesic and anti-inflammatory activities of the methanol root extract of <i>Cissus polyantha</i> .	Bayero Journal of Pure and Applied Sciences 7.1 (2014): 19-23.	N	N/A	N/A	Analgesic and anti-inflammatory activities of plant extract
1460.	Sankar, M.V., Bhattacharjee, S.K., Chatterjee, S.R.	2007	Total free amino acid content in petals of cut rose as influenced by pulsing with different chemicals	Journal of Ornamental Horticulture (2007) Vol. 10(3), pp. 193-194	N	N/A	N/A	Effect of PGRs on amino acid content in rose petals
1461.	Sannino, A., Bolzoni, L.	2013	GC/CI-MS/MS method for the identification and quantification of volatile N-nitrosamines in meat products	Food Chem (2013) Vol. 141(4), pp. 3925-30	N	N/A	N/A	Analytical method for detection of nitrosamines in foodstuffs
1462.	Saouma, C.T., Lu, C.C., Peters, J.C.	2012	Mononuclear five- and six-coordinate iron hydrazido and hydrazine species	Inorg Chem (2012) Vol. 51(18), pp. 10043-54	N	N/A	N/A	No relevant endpoints investigated

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1463.	Sarathchandra, D., Eyck, T.A.T.	2013	To tell the truth: keys in newspaper portrayals of the public during food scares	Food, Culture and Society: An International Journal of Multidisciplinary Research (2013) Vol. 16(1), pp. 107-124	N	N/A	N/A	News coverage of food scares
1464.	Saricicek, E., Tarakcioglu, M., Saricicek, V., Gulsen, M.T., Karakok, M., Baltaci, Y., Taysi, S.	2014	Effect of <i>Nigella sativa</i> on experimental liver fibrosis	Biomedical Research (2014) Vol. 25(1), pp. 32-38	N	N/A	N/A	Effect of <i>Nigella sativa</i> on liver fibrosis
1465.	Saritha, V., Anilakumar, K.R.	2010	Toxicological evaluation of methanol extract of <i>Aloe vera</i> in rats	International Journal of Pharmaceutical and Biological Research 1.5 (2010): 142-149	N	N/A	N/A	Toxicological evaluation of plant extracts
1466.	Sashkina, K.A., Labko, V.S., Rudina, N.A., Parmon, V.N., Parkhomchuk, E.V.	2013	Hierarchical zeolite FeZSM-5 as a heterogeneous Fenton-type catalyst	Journal of Catalysis (2013) Vol. 299, pp. 44-52	N	N/A	N/A	Use of hierarchical zeolites as catalysts
1467.	Sasidharan, S., Oh Jinxuan, Lachimanan Yoga Latha	2010	Toxicity of <i>Ganoderma boninense</i> methanol extract in mice	Mycology - An International Journal on Fungal Biology 1.2 (2010): 85-91	N	N/A	N/A	Plant extract toxicity in mice
1468.	Sathak S, S M; Manigandan, P; Sekar Babu, H; Sivaraj, C; Sindhu, S; Arumugam, P, Dr. Rangarajan, Dr. Sakunthala	2014	Antioxidant, antiproliferative activities and GC-MS analysis of methanol extract of leaves of <i>Heracleum sprengeianum</i> Linn	International Journal of Pharma and Bio Sciences 5.4 (2014): P346-P356.	N	N/A	N/A	Antioxidant, antiproliferative activities of plant extracts
1469.	Sato, N., Xie, R., Yoneda, T., Xing, Y., Noro, A., Robinson, K., Villalobos, R.	2014	Water quality improvement by combined UF, RO, and ozone/hydrogen peroxide system (HiPOx) in the water reclamation process	Ozone: Science & Engineering (2014) Vol. 36(2), pp. 153-165	N	N/A	N/A	Water quality improvements in water reclamation process

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1470.	Sawamura, K-I., Shirai, T., Ohsuna, T., Hagino, T., Takada, M., Sekine, Y., Kikuchi, E., Matsukata, M.	2008	Separation behavior of steam from hydrogen and methanol through mordenite membrane	Journal of Chemical Engineering of Japan 41.9 (2008): 870-877	N	N/A	N/A	Separation behaviour of steam from hydrogen and methanol
1471.	Sawan, Z.M.	2013	Direct and residual effects of plant nutrition's and plant growth retardants, on cottonseed. Special issue on fertilizer	Agricultural Sciences (2013) Vol. 4(12A), pp. 66-88	N	N/A	N/A	Effect of nutrients and PGRs on cottonseed
1472.	Sawan, Z.M.	2013	Plant growth retardants, plant nutrients, and cotton production	Communications in Soil Science and Plant Analysis (2013) Vol. 44(8), pp. 1353-1398	N	N/A	N/A	Agronomy study
1473.	Sawan, Z.M.	2014	Cottonseed yield and its quality as affected by mineral fertilizers and plant growth retardants	Agricultural Sciences (2014) Vol. 5(3), pp. 186-209	N	N/A	N/A	Efficacy study
1474.	Sawan, Z.M., Mahmoud, M.H., Fahmy, A.F.	2008	Cotton (<i>Gossypium barbadense</i> L.) yield and fiber properties as affected by plant growth retardants and plant density	Journal of Crop Improvement (2008) Vol. 21(2), pp. 171-189	N	N/A	N/A	Effect of PGRs on cotton
1475.	Sawanyawisuth, K., Silsirivanit, A., Kunlabut, K., Tantapotin, N., Vaeteewootacharn, K., Wongkham, S.	2012	A novel carbohydrate antigen expression during development of <i>Opisthorchi viverrini</i> -associated cholangiocarcinoma in golden hamster: a potential marker for early diagnosis	Parsitol Int (2012) Vol. 61(1), pp. 151-4	N	N/A	N/A	A potential marker for early diagnosis of cholangio-carcinoma

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1476.	Sberegaeva, A V	2014	Towards partial oxidation of methane to methanol: Oxidation of monomethyl MII-CH ₃ (M=Pt, Pd) complexes with O ₂ in water	Chemistry & Biochemistry Theses and Dissertations, Digital Repository at the University of Maryland	N	N/A	N/A	Partial oxidation of methane to methanol
1477.	Schertzer, J.W., Whiteley, M.	2012	A bilayer-couple model of bacterial outer membrane vesicle biogenesis	Mbio (2012) Vol. 3(2), pii: e00297-11	N	N/A	N/A	Bacterial outer membrane vesicle biogenesis
1478.	Schimmoller, L., Angelotti, B., Bellamy, B., Lozier, J.	2012	Achieving drinking water reuse without reverse osmosis: a case for granular activated carbon based advanced treatment to improve sustainability and reduce costs	Water (2012) Vol. 39(6), pp. 58-62	N	N/A	N/A	Methodology for drinking water reuse
1479.	Schlatter, J., Chiadmi, F., Gandon, V., Chariot, P.	2014	Simultaneous determination of methanol, acetaldehyde, acetone, and ethanol in human blood by gas chromatography with flame ionization detection	Hum Exp Toxicol (2014) Vol. 33(1), pp. 74-80	N	N/A	N/A	Analytical detection of methanol in human blood
1480.	Schmiderer, C., Grausgruber-Gröger, S., Grassi, P., Steinborn, R., Novak, J.	2010	Influence of gibberellin and daminozide on the expression of terpene synthases and on monoterpenes in common sage (<i>Salvia officinalis</i>)	J Plant Physiol (2010) Vol. 167(10), pp. 779-86	N	N/A	N/A	Efficacy study

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1481.	Schmidt, M.F., Korb, O., Howard, N.I., Dias, M.V., Blundell, T.L., Abell, C.	2013	Discovery of Schaeffer's acid analogues as lead structures of mycobacterium tuberculosis type II dehydroquinase using a rational drug design approach	ChemMedChem (2013) Vol. 8(1), pp. 54-8	N	N/A	N/A	Lead structures of myco-bacterium tuberculosis type II dehydro-quinase
1482.	Schmidt, S., Christen, P., Kiefer, P., Vorholt, J.A.	2010	Functional investigation of methanol dehydrogenase-like protein XoxF in <i>Methylobacterium extorquens</i> AM1	Microbiology 156.Pt 8 (Aug 2010): 2575-86	N	N/A	N/A	Functional investigation of enzyme from bacterium
1483.	Schröder, E; Zhang, S	2013	Methanol adsorption on graphene	Journal of Nanomaterials 2013 (2013): 1-6.	N	N/A	N/A	Methanol adsorption on graphene
1484.	Schroeter-Zakrzewska, A., Janowska, B.	2009	Comparison of various methods of application of growth regulators in the cultivation of <i>Tagetes patula</i> L. 'Boy Golden'	Electronic Journal of Polish Agricultural Universities, (2009) Vol. 12(3), No pp. given.	N	N/A	N/A	Efficacy study
1485.	Schroeter-Zakrzewska, A., Jerzy, M.	2005	Dynamics of growth and flowering of the wax begonia (<i>Begonia semperflorens</i> Link et Otto) treated with foliar- and soil-applied retardants	Electronic Journal of Polish Agricultural Universities, (2005) Vol. 8(1), No pp. given.	N	N/A	N/A	Efficacy study
1486.	Schroeter-Zakrzewska, A., Jerzy, M.	2006	Growth and flowering of <i>Impatiens walleriana</i> Hook grown from transplants treated with leaf- and soil-applied retardants	Folia Horticulturae (2006) Vol. 18(1), pp. 91-100	N	N/A	N/A	Agronomy study

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1487.	Schupp, J.R., Greene, D.W.	2004	Effect of aminoethoxyvinylglycine (AVG) on preharvest drop, fruit quality, and maturation of "McIntosh" apples. I. Concentration and timing of dilute applications of AVG	HortScience (2004) Vol. 39(5), pp. 1030-1035	N	N/A	N/A	Efficacy study
1488.	Schweizer, P.D., Wadepohl, H., Gade, L.H.	2013	Titanium-catalyzed hydrohydrazination of carbodiimides	Organometallics (2013) Vol. 32(13), pp. 3697-3709	N	N/A	N/A	No relevant endpoints investigated
1489.	Sebastian, D., Baglio, V., Sun, S., Tavares, A.C., Arcio, A.S.	2015	Graphene-supported substoichiometric sodium tantalate as a methanol-tolerant, non-noble-metal catalyst for the electroreduction of oxygen	ChemInform, 2015, 46, 26	N	N/A	N/A	Catalyst for the electroreduction of oxygen
1490.	Seelinger, M; Popescu, R; Giessrigl, B; Jarukamjorn, K; Unger, C; Wallnöfer, B; Fritzer-Szekeres, M; Szekeres, T; Diaz, R; Jäger, W; Frisch, R; Kopp, B; Krupitza, G	2012	Methanol extract of the ethnopharmaceutical remedy <i>Smilax spinosa</i> exhibits anti-neoplastic activity	International journal of oncology 41.3 (Sep 2012): 1164-72.	N	N/A	N/A	Anti-neoplastic activity of plant extracts
1491.	Seike, N; Sakai, M; Murano, H; Okamoto, M; Saito, T; Narita, I; Hashimoto, Y; Ikeda, Y; Endo, M; Otani, T	2012	Relationship between dieldrin uptake in cucumber fruits and methanol-water extractable residue in soil	Journal of Pesticide Science 37.3 (2012): 252-257.	N	N/A	N/A	Relationship between dieldrin uptake in cucumber and extractable residue in soil

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1492.	Sekol, R.C., Carmo, M., Kumar, G., Gittleson, F., Doubek, G., Sun, K., Schroers, J., Taylor, A.D.	2013	Pd-Ni-Cu-P metallic glass nanowires for methanol and ethanol oxidation in alkaline media	International Journal of Hydrogen Energy (2013) Vol. 38(26), pp. 11248-11255	N	N/A	N/A	Metallic glass nanowires for methanol oxidation
1493.	Seland, F., Harrington, D.A., Tunold, R.	2006	Fast methanol oxidation on polycrystalline Pt	Electrochimica Acta (2006) Vol. 52(3), pp. 773-779	N	N/A	N/A	Methanol oxidation on polycrystalline Pt
1494.	Seland, F., Tunold, R., Harrington, D.A.	2010	Activating and deactivating mass transport effects in methanol and formic acid oxidation on platinum electrodes	Electrochimica Acta (2010) Vol. 55(9), pp. 3384-3391	N	N/A	N/A	Mass transport effects in methanol and formic acid oxidation on platinum electrodes
1495.	Selbes, M., Kim, D., Ates, N., Karanfil, T.	2013	The roles of tertiary amine structure, background organic matter and chloramine species on NDMA formation	Water Res (2013) Vol. 47(2), pp. 945-53	N	N/A	N/A	Factors affecting NDMA formation
1496.	Selbes, M., Kim, D., Karanfil, T.	2014	The effect of pre-oxidation on NDMA formation and the influence of pH	Water Research (2014) Vol. 66, pp. 169-179	N	N/A	N/A	Effect of pre-oxidation and pH on NDMA formation
1497.	Sengupta, A., Lyons, J.M., Smith, D.J., Drewes, J.E., Snyder, S., Heil, A., Maruya, K.A.	2014	The occurrence and fate of chemicals of emerging concern in coastal urban rivers receiving discharge of treated municipal wastewater effluent	Environmental Toxicology and Chemistry (2014) Vol. 33, pp. 350-358	N	N/A	N/A	Occurrence and fate of CEC in coastal urban rivers

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1498.	Seo M; Yun Y; Cho W; Ra H; Yoon S; Lee, J; Kim Y; Kim, J; Lee, S; Eom W; Lee, U; Lee, S	2014	Methanol absorption characteristics for the removal of H ₂ S (hydrogen sulfide), COS (carbonyl sulfide) and CO ₂ (carbon dioxide) in a pilot-scale biomass-to-liquid process	Energy 66 (2014): 56-62.	N	N/A	N/A	Methanol absorption characteristics for the removal of H ₂ S, COS and CO ₂ in a pilot-scale biomass-to-liquid process
1499.	Seok, Y.W., Lee, J., Woong, K.T., Hye, K.J., Lee, S., Hee, R.M., Hong, S., Youl, C.J.	2012	Src/NF-κB-targeted inhibition of LPS-induced macrophage activation and dextran sodium sulphate-induced colitis by <i>Archidendron clypearia</i> methanol extract	J Ethnopharmacol (2012) Vol. 142(1), pp. 287-93	N	N/A	N/A	Anti-inflammatory mechanism of plant extracts
1500.	Seukep, J A; Fankam, A G; Djeussi, D E; Voukeng, I K; Tankeo, S B; Noumdem, J A; Kuete, A H; Kuete, V	2013	Antibacterial activities of the methanol extracts of seven Cameroonian dietary plants against bacteria expressing MDR phenotypes	SpringerPlus 2 (Jul 31, 2013): 363.	N	N/A	N/A	Antibacterial activities of plant extracts
1501.	Seyler, T.H., Kim, J.G., Hodgson, J.A., Cowan, E.A., Blount, B.C., Wang, L.	2013	Quantitation of urinary volatile nitrosamines from exposure to tobacco smoke	J Anal Toxicol (2013) Vol. 37(4), pp. 195-202	N	N/A	N/A	Analytical method for the detection of nitrosamines in urine
1502.	Sferra, R., Vetuschi, A., Catitti, V., Ammanniti, S., Pompili, S., Melideo, D., Frieri, G., Gaudio, E., Latella, G.	2012	<i>Boswellia serrata</i> and <i>Salvia miltiorrhiza</i> extracts reduce DMN-induced hepatic fibrosis in mice by TGF-beta1 downregulation	Eur Rev Med Pharmacol Sci (2012) Vol. 16(11), pp. 1484-98	N	N/A	N/A	Evaluation of treatment of hepatic fibrosis

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1503.	Sgroi, M., Roccaro, P., Oelker, G.L., Snyder, S.	2014	N-nitrosodimethylamine formation upon ozonation and identification of precursors source in a municipal wastewater treatment plant	Environ Sci Technol (2014) Vol. 48(17), pp. 10308-15	N	N/A	N/A	NDMA formation of ozone application to a WWTP
1504.	Shaffer, C.E., Wang, C-Y.	2010	High concentration methanol fuel cells: design and theory	Journal of Power Sources 195.13 (2010): 4185-4195	N	N/A	N/A	Design of methanol fuel cells
1505.	Shah, A.D., Dai, N., Mitch, W.A.	2013	Application of ultraviolet, ozone, and advanced oxidation treatments to washwaters to destroy nitrosamines, nitramines, amines, and aldehydes formed during amine-based carbon capture	Environ Sci Technol (2013) Vol. 47(6), pp. 2799-808	N	N/A	N/A	Methodology for the destruction of chemicals formed during carbon capture
1506.	Shah, A.D., Krasner, S.W., Lee, C.F., von Gunten, U., Mitch, W.A.	2012	Trade-offs in disinfection byproduct formation associated with precursor preoxidation for control of N-nitrosodimethylamine formation	Environ Sci Technol (2012) Vol. 46(9), pp. 4809-18	N	N/A	N/A	Trade-offs in the control of NDMA formation
1507.	Shah, I., Houck, K., Judson, R.S., Kavlock, R.J., Martin, M.T., Reif, D.M., Wambaugh, J., Dix, D.J.	2011	Using nuclear receptor activity to stratify hepatocarcinogens	PLoS One (2011) Vol. 6(2)	N	N/A	N/A	Analysis of in vitro human nuclear receptor activity
1508.	Shahmansouri, A., Bellona, C.	2013	Application of quantitative structure-property relationships (QSPRs) to predict the rejection of organic solutes by nanofiltration	Separation and Purification Technology (2013) Vol. 118, pp. 627-638	N	N/A	N/A	Use of QSPRs to predict the rejection of organic solutes by nanofiltration

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1509.	Shakhov, M.G., Siu, M., Wells, P.G.	2007	Methanol metabolism and oxidative DNA damage in rabbits	Birth Defects Research, Part A: Clinical and Molecular Teratology (2007) Vol. 79(5), pp. 419	N	N/A	N/A	Methanol metabolism and oxidative DNA damage in rabbits; no relevant endpoints investigated
1510.	Shama, I Y A; Abobakr, A G A; Kamal, E E	2012	Toxicity of <i>Abutilon glaucum</i> seeds' extracts (water and methanol) on Wistar rats.	British Journal of Pharmacology and Toxicology 3.6 (2012): 273-277.	N	N/A	N/A	Toxicity of plant extracts
1511.	Shan, X.F., Meng, Q.F., Kang, Y.H., Bian, Y., Go, Y.H., Wang, W.L., Qian, A.D.	2014	Isolation of active compounds from methanol extracts of <i>Toddalia asiatica</i> against Ichthyophthirius multifiliis in goldfish (<i>Carassius auratus</i>)	Vet Parasitol (2014) Vol. 199(3-4), pp. 250-4	N	N/A	N/A	Antiparasitic activity of plant extracts
1512.	Shang, X., Li, Y.	2012	Factors influencing the formation of NDMA during chloramination disinfection of effluent from biological nitrogen removal system for the treatment of municipal sewage	Huanjung Kexue (2012) Vol. 33(5), pp. 1604-1608	N	N/A	N/A	Factors affecting the formation of NDMA during chloramination disinfection
1513.	Sharafutdinov, I; Elkjaer, C F; Pereira de Carvalho, H W; Gardini, D; Chiarello, G L; Damsgaard, C D; Wagner, J B; Grunwaldt,; Dahl, S; Chorkendorff, L	2014	Intermetallic compounds of Ni and Ga as catalysts for the synthesis of methanol	Journal of Catalysis 320 (2014): 77-88.	N	N/A	N/A	Intermetallic compounds as catalysts for the synthesis of methanol

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1514.	Sharif, F., Wang, J., Westerhoff, P.	2012	Transformation in bulk and trace organics during ozonation of wastewater	Ozone: Science & Engineering (2012) Vol. 34(1), pp. 26-31	N	N/A	N/A	Determination of ozone dosages needed to oxidise organic compounds in wastewater
1515.	Sharma, K., Sharma, S.P., Lahiri, S.C.	2009	Novel method for identification and quantification of methanol and ethanol in alcoholic beverages by gas chromatography-Fourier transform infrared spectroscopy and horizontal attenuated total reflectance-Fourier transform infrared spectroscopy	Journal of AOAC International 92.2 (Mar 2009 - Apr 2009): 518-26	N	N/A	N/A	Analytical detection of residues in foodstuffs
1516.	Sharma, S., Sarker, D., Pandey, S.K.	2005	Efficacy of daminozide for potato microtuber formation in vitro	Potato Journal (2005) Vol. 32, pp. 145-146	N	N/A	N/A	Efficacy study
1517.	Sharma, V., Singh, M.	2012	Alterations induced by N-nitrosodimethylamine and ethanolic root extract of <i>Operculina turpethum</i> in serum lipid profile of male albino mice	Asian Journal of Pharmaceutical and Clinical Research (2012) Vol. 5(3), pp. 69-73	N	N/A	N/A	Protective effect of root extract of <i>O. turpethum</i> on mice serum lipid profile

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1518.	Sharma, V., Singh, M.	2014	Ameliorative effects of <i>Operculina turpethum</i> and its isolated stigma-5,22dien-3-o-β-D-glucopyranoside on the hematological parameters of male mice exposed to N-nitrosodimethylamine, a potent carcinogen	Toxicol Int (2014) Vol. 21(1), pp. 29-36	N	N/A	N/A	Effect of <i>O. turpethum</i> on hematological parameters of mice with NDMA-induced cancer
1519.	Sharma, V., Singh, M.	2014	Attenuation of N-nitrosodimethylamine induced hepatotoxicity by <i>Operculina turpethum</i> in Swiss Albino mice	Iran J Basic Med Sci (2014) Bol. 17(1), pp. 73-80	N	N/A	N/A	Antihepatotoxic efficacy of ethanolic extract of <i>O. turpethum</i> root on the liver of mice
1520.	Sharma, V., Singh, M.	2014	Potential recovery from hepatotoxicity by <i>Operculina turpethum</i> and its isolated stigma-5,22dien-3-O-B-D-glucopyranoside against N-nitrosodimethylamine, a potent carcinogen in animal model	Int J Pharm Bio Sci (2014) Vol. 5(2), pp. 271-284	N	N/A	N/A	Potential recovery from hepatotoxicity with extract from <i>O. turpethum</i>
1521.	Sharma, V., Singh, M.	2014	Therapeutic efficacy of isolated stigma-5,22 dien-3-O-b-D-Glucopyranoside and ethanolic root extract of <i>Operculina turpethum</i> against N-Nitrosodimethylamine induced hepatopathy in the liver of mice: Ultrastructural and histological evidences	International Journal of Pharmacy and Pharmaceutical Sciences (2014) Vol. 6(9), pp. 226-230	N	N/A	N/A	Effects of NDMA on liver cells and effects of treatment with extract from <i>O. turpethum</i> ; no relevant endpoints investigated

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1522.	Sharma, V.K.	2012	Kinetics and mechanism of formation and destruction of N-nitrosodimethylamine in water - A review	Separation and Purification Technology (2012) Vol. 88, pp. 1-10	N	N/A	N/A	Mechanism of the formation of NDMA in water
1523.	Shen, C.H., Yeh, K.W.	2010	Hydrogen peroxide mediates the expression of ascorbate-related genes in response to methanol stimulation in <i>Oncidium</i>	J Plant Physiol (2010) Vol. 167(5), pp. 400-7	N	N/A	N/A	H ₂ O ₂ signaling role in regulating ascorbate level after methanol application
1524.	Shen, J., Hu, Y., Li, C., Qin, C., Ye, M.	2008	Pt-Co supported on single-walled carbon nanotubes as an anode catalyst for direct methanol fuel cells	Electrochimica Acta (2008) Vol. 53(24), pp. 7276-7280	N	N/A	N/A	Anode catalyst for direct methanol fuel cells
1525.	Shen, J., Li, Y.	2012	Effect of mixed-liquor return ratio and carbon sources on NDMA precursor removal in anoxic/oxic biological nitrogen removal system	Huanjing Kexue Xuebao (2012) Vol. 32(8), pp. 1801-1806	N	N/A	N/A	Removal efficiency of NDMA precursors from municipal wastewater
1526.	Shen, K., Li, Y., Liu, G., Li, Y., Zhang, X.	2013	Synthesis and photolytic properties of 1,5-di-N,N'-dialkylaminoanthraquinone s containing acryloyl groups	Progress in Organic Coatings (2013) Vol. 76(1), pp. 125-130	N	N/A	N/A	No relevant endpoints investigated
1527.	Shen, L.Q., Lu, C.W., Wang, J.C., Tang, D.B., Li, B., Luo, X.M.	2009	Effects of sucrose and exogenous hormones on plantlets in vitro in potato	Chinese Potato Journal (2009) Vol. 23(2), pp. 68-71	N	N/A	N/A	Efficacy study
1528.	Shen, M; Henderson, M A	2011	Site competition during coadsorption of acetone with methanol and water on TiO ₂ (110)	Langmuir 27.15 (Aug 2, 2011): 9430-8.	N	N/A	N/A	Coadsorption of acetone with methanol and water
1529.	Shen, P.K., Xu, C.W., Zeng, R., Liu, Y.	2006	Electro-oxidation of methanol on NiO-promoted Pt/C and Pd/C catalysts	Electrochemical and Solid-State Letters (2006) Vol. 9(2), doi: 10.1149/1.2139975	N	N/A	N/A	Electro-oxidation of methanol

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1530.	Shen, R., Andrews, S.A.	2013	Formation of NDMA from ranitidine and sumatriptan: the role of pH	Water Res (2013) Vol. 47(2), pp. 802-10	N	N/A	N/A	The role of pH in NDMA formation
1531.	Shen, R., Andrews, S.A.	2013	NDMA formation from amine-based pharmaceuticals - Impact from prechlorination and water matrix	Water Res (2013) Vol. 47(7), pp. 2446-57	N	N/A	N/A	Effects of prechlorination on nitrosamine formation
1532.	Shen, Y.	2010	Methanol gasoline development in foreign countries and enlightenment to China	Sino-Global Energy 15.12 (Dec 2010): 23-28	N	N/A	N/A	Methanol gasoline development
1533.	Shen, Y.L., Chen, S.Y., Song, J.M., Chen, I.G.	2012	Ultra-long Pt nanolawns supported on TiO ₂ -coated carbon fibers as 3D hybrid catalyst for methanol oxidation	Nanoscale Res Lett (2012) Vol. 7, pp. 237	N	N/A	N/A	Pt nanolawns on carbon fibres as catalysts for methanol oxidation
1534.	Shenoy, P.A., Khot, S.S., Chavan, M.C., Takawale, J.V., Singh, S.	2010	Study of sunscreen activity of aqueous, methanol and acetone extracts of leaves of <i>Pongamia pinnata</i> (L.) Pierre, Fabaceae	International Journal of Green Pharmacy 4.4 (2010): 270-274	N	N/A	N/A	Sunscreen activity of plant extracts
1535.	Shettima, Y A; Tijjani, M A; Karumi, Y; Sodipo, O A	2012	Phytochemical and anti-diarrhoeal properties of methanol root extract of <i>Guiera senegalensis</i> J.F. GMEL	International Research Journal of Pharmacy 3.11 (Nov 2012): 61-65.	N	N/A	N/A	Phytochemical and anti-diarrhoeal properties of plant extracts
1536.	Shewwita, S.A., El-Bendery, H.A., Mostafa, M.H.	2014	Novel study on N-nitrosamines as risk factors of cardiovascular diseases	BioMed Research International (2014) Article ID: 817019	N	N/A	N/A	Effects of nitrosamines on CVD; no relevant endpoints investigated

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1537.	Shi, I., Yang, G., Tao, K., Yoneyama, Y., Tan, Y., Tsubaki, N.	2013	An introduction of CO ₂ conversion by dry reforming with methane and new route of low-temperature methanol synthesis	Acc Chem Res (2013) Vol. 46(8), pp. 1838-1847	N	N/A	N/A	CO ₂ conversion by dry reforming with methane
1538.	Shi, S.	2009	The effects of plant growth retardants on <i>Narcissus tazetta</i>	Beifang Yuanyi (2009) Vol. 11, pp. 161-163	N	N/A	N/A	Efficacy study
1539.	Shigematsu, A; Yamada, T; Kitagawa, H	2012	Selective separation of water, methanol, and ethanol by a porous coordination polymer built with a flexible tetrahedral ligand	Journal of the American Chemical Society 134.32 (Aug 15, 2012): 13145-7.	N	N/A	N/A	Selective separation of water, methanol, and ethanol by a porous coordination polymer
1540.	Shilpa, P N; Venkatabalasubramanian, S; Devaraj, S N	2012	Ameliorative effect of methanol extract of <i>Rubia cordifolia</i> in N-nitrosodiethylamine-induced hepatocellular carcinoma	Pharmaceutical biology 50.3 (Mar 2012): 376-83.	N	N/A	N/A	Ameliorative effect of plant extracts on hepatocellular carcinoma
1541.	Shim S; Bae E; Kim, G	2011	Single-dose oral acute toxicity and mutagenic effects of methanol extracts of <i>Cirsium japonicum</i> .	Journal of Food Biochemistry 35.3 (2011): 845-858.	N	N/A	N/A	Toxicity and mutagenic effects of plant extracts
1542.	Shin, D.S., Kim, K.W., Chung, H.Y., Yoon, S., Moon, J.O.	2013	Effect of sinapic acid against dimethylnitrosamine-induced hepatic fibrosis in rats	Arch Pharm Res (2013) Vol. 36(5), pp. 608-18	N	N/A	N/A	Hepatoprotective and antifibrotic effects of sinapic acid

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1543.	Shin, H.Y., Lim, S.M., Bae, S.Y. Oh, S.C.	2011	Thermal decomposition and stability of fatty acid methyl esters in supercritical methanol	Journal of Analytical and Applied Pyrolysis 92.2 (2011): 332-338	N	N/A	N/A	Decomposition and stability of fatty acid methyl esters in methanol
1544.	Shin, J., Ryu, M.H., Kwon, K, Choi, B, Cho, S,	2015	Down-regulation of Akt by methanol extracts of Impatiens balsamina L. promotes apoptosis in human oral squamous cell carcinoma cell lines	Journal of Oral Pathology and Medicine 44.6 (Jul 1, 2015): 420-428.	N	N/A	N/A	Plant extract effects on human oral squamous cell carcinoma cell lines
1545.	Shin, W.G., Hwang, S.J., Sivanesan, I., Jeong, B.R.	2009	Height suppression of tomato plug seedlings by an environment friendly seed treatment of plant growth retardants	African Journal of Biotechnology (2009) Vol. 8(1), pp. 4100-4107	N	N/A	N/A	Efficacy study
1546.	Shindyapina, A.V., Petrunia, I.V., Komarova, T.V., Sheshukova, E.V., Kosorukov, V.S, Kiryanov, G.I., Dorokhov, Y.L.	2014	Dietary methanol regulates human gene activity	PLoS One (2014) doi: 10.1371/journal.pone.0102837	N	N/A	N/A	Dietary methanol regulates human gene activity
1547.	Shiroishi, H., Ayato, Y., Okada, T., Kunimatsu, K.	2005	Mechanism of selective oxygen reduction on platinum by 2,2'-bipyridine in the presence of methanol	Langmuir 21.7 (Mar 29, 2005): 3037-43	N	N/A	N/A	Mechanism of selective oxygen reduction on platinum
1548.	Shiroishi, H., Ayato, Y., Rais, J., Kunimatsu, K., Osawa, M., Okada, T.	2006	Effect of cobalt bis(dicarbollides) on electrochemical oxygen reduction on Pt electrode in methanol-acid solution	Electrochimica Acta (2006) Vol. 51(7), pp. 1225-1234	N	N/A	N/A	Effect of cobalt bis(dicarbollides) on electrochemical oxygen reduction

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1549.	Shittu, O K; Lawal, B; Abubakar, A N; Berinyuy, E B; Musa, B B; Olalekan, I A	2015	Toxicological implications of methanol extract from Nigerian bee propolis on some selected rat tissues.	Journal of Pharmaceutical and Biomedical Sciences 5.7 (2015): 524-531.	N	N/A	N/A	Nigerian bee propolis toxic effects on rat tissues
1550.	Shojae, F., Dehestani, M.	2013	Theoretical calculations of rate of NDMA formation from gramine	Canadian Journal of Chemistry (2013) Vol. 91(4), pp. 275-282	N	N/A	N/A	Theoretical calculations of the rate of NDMA formation
1551.	Shrivastava, S; Ansari, A S; Lohiya, N K	2011	Fertility, developmental toxicity and teratogenicity in albino rats treated with methanol sub-fraction of <i>Carica papaya</i> seeds	Indian journal of pharmacology 43.4 (Jul 2011): 419-23.	N	N/A	N/A	Fertility, developmental toxicity and teratogenicity in rats of plant extracts
1552.	Shuai, D., McCalman, D.C., Choe, J.K., Shapley, J.R., Schneider, W.F., Werth, C.J.	2013	Structure sensitivity study of waterborne contaminant hydrogenation using shape- and size-controlled Pd nanoparticles	ACS Catalysis (2013) Vol. 3(3), pp. 453-463	N	N/A	N/A	Methodology for removal of waterborne pollutants including nitrosamines
1553.	Shukla, A.K., Singh, R.S., Upadhyay, S.N., Dubey, S.K.	2010	Kinetics of bio-filtration of trichloroethylene by methanotrophs in presence of methanol	Bioresource technology 101.21 (Nov 2010): 8119-26	N	N/A	N/A	Kinetics of bio-filtration of trichloroethylene
1554.	Si, X; Jiao, C; Li, F; Zhang, J; Wang, S; Liu, S; Li, Z; Sun, L; Xu, F; Gabelica, Z; Schick, C	2011	High and selective CO ₂ uptake, H ₂ storage and methanol sensing on the amine-decorated 12-connected MOF CAU-1	Energy and Environmental Science 4.11 (Nov 1, 2011): 4522-4527.	N	N/A	N/A	Synthesis and activation of a microporous metal-organic framework
1555.	Siegreist, J., Hoss, A.	2012	Review on the fate of organic micropollutants in wastewater treatment and water reuse with membranes	Water Sci Technol (2012) Vol. 66(6), pp. 1369-76	N	N/A	N/A	The fate of micropollutants in wastewater treatment

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1556.	Siemuri, E.O., Akintunde, J.K., Salemcity, A.J.	2015	Effects of sub-acute methanol extract treatment of <i>Calliandra portoricensis</i> root bark on antioxidant defence capacity in an experimental rat model	J Basic Clin Physiol Pharmacol (2015) Vol. 26(4), pp. 375-82	N	N/A	N/A	Plant extract effects on antioxidant defence capacity in rats
1557.	Silva, P.O., Medina, E.F., Barros, R.S., Ribeiro, D.M.	2014	Germination of salt-stressed seeds as related to the ethylene biosynthesis ability in three <i>Stylosanthes</i> species	Journal of Plant Physiology (2014) Vol. 171(1), pp. 14-22	N	N/A	N/A	Mode of action of salt stress on seed germination of <i>Stylosanthes</i>
1558.	Simon A, Samuel; G, Ionela F; Zhou, F; Andreassen, S J; Kaer, S K	2014	Performance and endurance of a high temperature PEM fuel cell operated on methanol reformate	International Journal of Hydrogen Energy 39.32 (2014): 18343-18350.	N	N/A	N/A	Performance and endurance of a high temperature PEM fuel cell
1559.	Simon, M.K., Ajanusis, O.J., Abubakar, M.S., Idris, A.L., Suleiman, M.M.	2012	The anthelmintic effect of aqueous methanol extract of <i>Combretum molle</i> (R. Br. x. G. Don) (Combretaceae) in lambs experimentally infected with <i>Haemonchus contortus</i>	Veterinary Parasitology (2012) Vol. 187(1-2), pp. 280-284	N	N/A	N/A	Anthelmintic effect of plant extracts
1560.	Simon, M.K., Ajanusis, O.J., Jegede, O.C.	2012	Dose determination and toxicity studies of <i>Combretum molle</i> stem bark methanol extract in rats.	Continental Journal of Pharmacology and Toxicology Research 5.1 (2012): 30-36.	N	N/A	N/A	Toxicity of plant extracts
1561.	Singh, A., Samson, R., Girdhar, A.	2011	Portrait of a methanol-intoxicated brain	Am J Med (2011) Vol. 124(2), pp. 125-7	N	N/A	N/A	Sodium bicarbonate in the treatment of methanol-induced acidosis

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1562.	Singh, A.K.	2004	Growth and seed yield of African marigold as influenced by growth retarding chemicals	South Indian Horticulture (2004) Vol. 52(1/6), pp. 377-380	N	N/A	N/A	Efficacy study
1563.	Singh, A.K.	2004	Plant growth and flower production in rose as influenced by CCC, TIBA and SADH spraying	Progressive Horticulture (2004) Vol. 36(1), pp. 40-43	N	N/A	N/A	Efficacy study
1564.	Singh, A.K.	2004	Response of pot marigold (<i>Calendula officinalis</i>) to plant growth regulators	Indian Journal of Agricultural Sciences (2004) Vol. 74(3), pp. 130-132	N	N/A	N/A	Efficacy study
1565.	Singh, A.K.	2004	Studies on effect of growth retardants on growth and flowering in African marigold	Horticultural Journal (2004) Vol. 17(1), pp. 79-82	N	N/A	N/A	Efficacy study
1566.	Singh, A.K., Kumari, R., Sisodia, A.	2013	Influence of SADH and MH on growth, flowering, seed yield and yield attributes in African marigold	Indian Perfumer (2013) Vol. 57(3), pp. 47-50	N	N/A	N/A	Efficacy study
1567.	Singh, A.K., Sharma, P., Sharma, R.M., Tiku, A.K.	2005	Effect of plant bioregulators and micronutrients on tree productivity, fruit cracking and aril proportion of litchi (<i>Litchi chinensis</i> Sonn.) cv. Dehradun	Haryana Journal of Horticultural Sciences (2005) Vol. 34(3&4), pp. 220-221	N	N/A	N/A	Efficacy study
1568.	Singh, B., Srivastava, R.	2009	Effect of foliar application of growth regulators on flowering of tuberose (<i>Polianthes tuberosa</i> L.)	Journal of Ornamental Horticulture (2009) Vol. 12(3), pp. 188-192	N	N/A	N/A	Efficacy study
1569.	Singh, K.P., Gupta, S., Kumar, A., Mohan, D.	2014	Multispecies QSAR modeling for predicting the aquatic toxicity of diverse organic chemicals for regulatory toxicology	Chem Res Toxicol (2014) Vol. 27(5), pp. 741-53	N	N/A	N/A	Development of QSAR models for predicting aquatic toxicity

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1570.	Singh, M.K., Chaturvedi, G.S., Singh, H.P., Singh, M.P., Singh, B.B.	2004	Modification of morpho-physiological traits through plant growth regulators in pointed gourd	Annals of Plant Physiology (2004) Vol. 18(1), pp. 17-20	N	N/A	N/A	Efficacy study
1571.	Singh, R.N., Sharma, T., Singh, A., Anindita, Mishra, D.	2007	Electrocatalytic activities of nano-sized spinel-type $\text{Cu}_x\text{Co}_{3-x}\text{O}_4$ ($0 \leq x \leq 1$) for methanol oxidation in alkaline solutions	Int J Electrochem Sci (2007) Vol. 2, pp. 762-777	N	N/A	N/A	Electrocatalytic activities of nano-sized spinel-type $\text{Cu}_x\text{Co}_{3-x}\text{O}_4$
1572.	Singh, R.N., Sharma, T., Singh, A., Anindita, Mishra, D., Towan, S.K.	2008	Perovskite-type $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ($0 \leq x \leq 1$) as active anode materials for methanol oxidation in alkaline solutions	Electrochimica Acta (2008) Vol. 53(5), pp. 2322-2330	N	N/A	N/A	Active anode materials for methanol oxidation
1573.	Singh, R.N., Singh, A., Mishra, A.D.	2008	Influence of the nature of conductive support on the electrocatalytic activity of electrodeposited Ni films towards methanol oxidation in 1M KOH	International Journal of Hydrogen Energy (2008) Vol. 33(23), pp. 6878-6885	N	N/A	N/A	Electrocatalytic activity of electrodeposited Ni films towards methanol oxidation
1574.	Singh, R.N., Singh, A., Mishra, D., Anindita, Chartier, P.	2008	Oxidation of methanol on perovskite-type $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ($0 \leq x \leq 1$) film electrodes modified by dispersed nickel in 1M KOH	Journal of Power Sources (2008) Vol. 185(2), pp. 776-783	N	N/A	N/A	Methanol oxidation on perovskite-type $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ($0 \leq x \leq 1$) film
1575.	Sinski, I., Dal Bosco, D., Pierozzi, N.I., Maia, J.D.G., Rotschel, P.S., Quecini, V.	2014	Improving in vitro induction of autopolyploidy in grapevine seedless cultivars	Euphytica (2014) Vol. 196(2), pp. 299-311	N	N/A	N/A	Plant breeding genetics

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1576.	Sipes, N.S., Martin, M.T., Kothiya, P., Reif, D.M., Judson, R.S., Richard, A.M., Houck, K.A., Dix, D.J., Kavlock, R.J., Knudsen, T.B.	2013	Profiling 976 ToxCast chemicals across 331 enzymatic and receptor signalling assays	Chemical Research in Toxicology (2013) Vol. 26(6), pp. 876-895	N	N/A	N/A	Analysis of chemicals for prioritisation
1577.	Sipes, N.S., Martin, M.T., Reif, D.M., Kleinstreuer, N.C., Judson, R.S., Singh, A.V., Chandler, K.J., Dix, D.J., Kavlock, R.J., Knudsen, T.B.	2011	Predictive models of prenatal developmental toxicity from ToxCast high-throughput screening data	Toxicol Sci (2011) Vol.124(1), pp. 109-27	N	N/A	N/A	Development of models for predicting developmental toxicity
1578.	Siu, M.T., McCallum, G., Shakhov, V., Wells, P.G.	2007	Methanol metabolism and oxidative DNA damage in mice	Birth Defects Research, Part A: Clinical and Molecular Teratology (2007) Vol. 79(5)	N	N/A	N/A	Methanol metabolism and oxidative DNA damage in mice; no relevant endpoints investigated
1579.	Siu, M.T., Wiley, M.J., Wells, P.G.	2013	Methanol teratogenicity in mutant mice with deficient catalase activity and transgenic mice expressing human catalase	Reproductive toxicology (Elmsford, N.Y.) 36 (Apr 2013): 33-9.	N	N/A	N/A	Effects of catalase activity on methanol teratogenicity; no relevant endpoints investigated
1580.	Sivaraman, D., Muralidaran, P., Shantha Kumar, S.	2010	Evaluation of anti-microbial and anti- inflammatory activity of methanol leaf extract of Ipomoea aquatica Forsk	Research Journal of Pharmaceutical, Biological and Chemical Sciences 1.2 (Apr 2010 - Jun 2010): 258-264	N	N/A	N/A	Anti-microbial and anti- inflammatory activity of plant extracts

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1581.	Skowronski, J M; Rozmanowski, T	2013	Relationship between the reactions of hydrogen sorption/desorption and methanol oxidation on bifunctional Ni/Pd electrode in alkaline solution	Journal of Solid State Electrochemistry 17.4 (2013): 949-960.	N	N/A	N/A	Relationship between reactions of hydrogen sorption/desorption and methanol oxidation on electrodes in alkaline solution
1582.	Skowronski, J.M., Wazny, A.	2005	Nickel foam-based composite electrodes for electrooxidation of methanol	Journal of Solid State Electrochemistry (2005) Vol. 9912), pp. 890-899	N	N/A	N/A	Composite electrodes for electrooxidation of methanol
1583.	Skrzydłewska, E., Elas, M., Ostrowska, J.	2005	Protective effects of N-acetylcysteine and Vitamin E derivative U83836E on Proteins modifications induced by methanol intoxication	Toxicology mechanisms and methods 15.4 (2005): 263-70	N	N/A	N/A	Protection from protein modifications induced by methanol intoxication
1584.	Smejkalová, H., Erb, T.J., Fuchs, G.	2010	Methanol assimilation in <i>Methylobacterium extorquens</i> AM1: demonstration of all enzymes and their regulation	PloS one 5.10 (Oct 1, 2010)	N	N/A	N/A	Methanol assimilation in bacteria
1585.	Smirnov, R.S., Smolenkov, A.D., Bolotnik, T.A., Shipgun, O.A.	2013	Precolumn derivatization with glyoxal as a new approach to the highly sensitive HPLC-UV determination of unsymmetrical dimethylhydrazine	Journal of Analytical Chemistry (2013) Vol. 68(9), pp. 837-844	N	N/A	N/A	Analytical method for the determination of UDMH
1586.	Smith, R S; Matthiesen, J; Kay, B D	2014	Desorption kinetics of methanol, ethanol, and water from graphene	The journal of physical chemistry. A 118.37 (Sep 18, 2014): 8242-50.	N	N/A	N/A	Desorption kinetics of methanol, from graphene

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1587.	Smolenkov, A.D., Chernobrovkina, A.V., Smirnov, R.S., Chernobrovkin, M.G., Shpigun, O.A.	2013	A sensitive chromatographic determination of hydrazines by naphthalene-2,3-dialdehyde derivatization	International Journal of Environmental Analytical Chemistry (2013) Vol. 93(12)	N	N/A	N/A	Analytical method for determination of hydrazines
1588.	Smolenkov, A.D., Smirnov, R.S., Rodin, I.A., Tatrova, R.G. Shipgun, O.A.	2012	Effect of sample preparation conditions on the determination of the total concentrations of unsymmetrical dimethylhydrazine in soils	Journal of Analytical Chemistry (2012) Vol. 67(1), pp. 6-13	N	N/A	N/A	Sample preparation for determining levels of UDMH in soil
1589.	Snyder, R.D.	2010	Possible structural and functional determinants contributing to the clastogenicity of pharmaceuticals	Environ Mol Mutagen (2010) Vol. 51(8-9), pp. 800-14	N	N/A	N/A	Clastogenicity of pharmaceuticals
1590.	Sodhi, N S, Chang, Y H, Midha, S, Kohyama, K	2013	Molecular structure and physicochemical properties of acid-methanol-treated chickpea starch	International Journal of Food Properties 16.1 (2013): 125-138.	N	N/A	N/A	Molecular structure and physico-chemical properties of chickpea starch
1591.	Sadowski, P.	2004	Studies of the crop productivity of Italian broccoli grown for seeds and assessment of their sowing value in the cultivation for consumption	Rozprawy - Akademia Rolnicza w Szczecinie (2004) Number 227, 120 p.	N	N/A	N/A	Efficacy study
1592.	Soetaredjo, F.E., Kurniawan, A., Ong, L.K., Widagdyo, D.R., Ismadji, S.	2014	Investigation of the continuous flow sorption of heavy metals in a biomass-packed column: revisiting the Thomas design model for correlation of binary component systems	RSC Advances (2014) Issue 95(4), pp. 52856-5870	N	N/A	N/A	Remediation of aquatic systems

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1593.	Sohn, E.J., Kang, D.G., Choi, D.H., Lee, A.S., Mun, Y.J., Woo, W.H., Kim, J.S., Lee, H.S.	2005	Effect of methanol extract of <i>Sorbus cortex</i> in a rat model of L-NAME-induced atherosclerosis	Biological & pharmaceutical bulletin 28.7 (Jul 2005): 1239-43	N	N/A	N/A	Effect of plant extracts on rat atherosclerosis
1594.	Sohn, E.J., Kang, D.G., Mun, Y.J., Woo, W.H., Lee, H.S.	2005	Anti-atherogenic effects of the methanol extract of <i>Sorbus cortex</i> in atherogenic-diet rats	Biological & pharmaceutical bulletin 28.8 (Aug 2005): 1444-9	N	N/A	N/A	Anti-atherogenic effects of plant extracts
1595.	Solecki, R., Moeller, T., Hermann, M., Stein, B.	2010	A retrospective analysis of Acute Reference Doses for pesticides evaluated in the European Union	Crit Rev Toxicol (2010) Vol. 40(1), pp. 24-34	N	N/A	N/A	Critical review of pesticide ARfD
1596.	Solomon, S.J., Custer, T., Schade, G., Burrows, J., Soares Dias, A.P.	2005	Atmospheric methanol measurement using selective catalytic methanol to formaldehyde conversion	Atmospheric Chemistry and Physics 5.10 (Dec 1, 2005): 2787-2796	N	N/A	N/A	Development of a method for measuring atmospheric methanol; no relevant endpoints investigated
1597.	Soltanieh, M., Azar, K.M., Saber, M.	2012	Development of a zero emission integrated system for co-production of electricity and methanol through renewable hydrogen and CO ₂ capture	International Journal of Greenhouse Gas Control (2012) Vol. 7, pp. 145-152	N	N/A	N/A	Zero emission integrated system for co-production of electricity and methanol
1598.	Soltermann, F., Lee, M., Canonica, S., von Gunten, U.	2013	Enhanced N-nitrosamine formation in pool water by UV irradiation of chlorinated secondary amines in the presence of monochloramine	Water Res (2013) Vol. 47(1), pp. 79-90	N	N/A	N/A	Nitrosamine formation in pool water by UV irradiation

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1599.	Song, J.L., Qian, Y., Li, G.J., Zhao, X.	2013	Anti-inflammatory effects of kudingcha methanol extract (<i>Ilex kudingcha</i> C.J. Tseng) in dextran sulfate sodium-induced ulcerative colitis	Mol Med Rep (2013) Vol. 8(4), pp. 1256-62	N	N/A	N/A	Anti-inflammatory effects of plant extracts
1600.	Song, X., Gao, H., Wang, H., Li, W., Shen, B.	2013	Effects of pyrrolidine dithiocarbamate on the expression of nuclear factor .kappa.B, α -smooth muscle actin, and type I collagen in rat liver fibrosis	Mianyixue Zazhi (2013) Vol. 29(3), pp. 216-221	N	N/A	N/A	No relevant endpoints investigated
1601.	Song, Y-H; Chen, S-M; Xu, H	2013	Eriochrome blue black R adsorption from aqueous solution by methanol esterized peanut hull	Chemical Engineering 41.1 (Jan 2013): 24-27.	N	N/A	N/A	Eriochrome blue black R adsorption from aqueous solution
1602.	Song-im, N; Benson, S; Lennard, C	2013	Stability of explosive residues in methanol/water extracts, on alcohol wipes and on a glass surface	Forensic science international 226.1-3 (Mar 10, 2013): 244-53.	N	N/A	N/A	Stability of explosive residues in methanol/water extracts
1603.	Soria, A.J., McDonald, A.G., He, B.B.	2008	Wood solubilization and depolymerization by supercritical methanol. Part 2: Analysis of methanol soluble compounds	Holzforschung 62.4 (2008): 409-416	N	N/A	N/A	Wood solubilization and depolymerization by methanol
1604.	Soufane, S; Bedda, A; Mahdeb, N; Bouzidi, A	2013	Acute toxicity study on <i>Citrullus colocynthis</i> fruit methanol extract in Albino rats.	Journal of Applied Pharmaceutical Science 3.6 (2013): 88-93.	N	N/A	N/A	Plant extract toxicity in rats
1605.	Spassova, I; Tsontcheva, T; Velichkova, N; Khristova, M; Nihtianova, D	2012	Catalytic reduction of NO with decomposed methanol on alumina-supported Mn-Ce catalysts	Journal of colloid and interface science 374.1 (May 15, 2012): 267-77.	N	N/A	N/A	Catalytic reduction of NO with decomposed methanol

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1606.	Spataru, T; Osiceanu, P; Anastasescu, M; Patrinoiu, G; Munteanu, C; Spataru, N; Fujishima, A	2014	Effect of the chemical termination of conductive diamond substrate on the resistance to carbon monoxide-poisoning during methanol oxidation of platinum particles	Journal of Power Sources 261 (2014): 86-92.	N	N/A	N/A	Resistance to carbon monoxide-poisoning during methanol oxidation of platinum particles
1607.	Spendelow, J.S., Goodpaster, J.D., Kenis, P.J.A., Wieckowski, A.	2006	Methanol dehydrogenation and oxidation on Pt(111) in alkaline solutions	Langmuir (2006) Vol. 22(25), pp. 10457-10464	N	N/A	N/A	Methanol dehydrogenation and oxidation
1608.	Sreejamole, K.L., Radhakrishnan, C.K., Padikkala, J.	2011	Anti-inflammatory activities of aqueous/ethanol and methanol extracts of <i>Perna viridis</i> Linn. in mice	Inflammopharmacology (2011) Vol. 19(6), pp. 335-41	N	N/A	N/A	Anti-inflammatory activities of edible mytilid bivalve extracts
1609.	Srivastava, M., Singh, P.	2010	Response of growth regulators on some physiological traits and yield of wheat (<i>Triticum aestivum</i> L.)	Progressive Agriculture (2010) Vol. 10(2), pp. 387-388	N	N/A	N/A	Efficacy study
1610.	Stacheter, A; Noll, M; Lee, C K; Selzer, M; Glowik, B; Ebertsch, L; Mertel, R; Schulz, D; Lampert, N; Drake, H L; Kolb, S	2013	Methanol oxidation by temperate soils and environmental determinants of associated methylotrophs	ISME Journal 7.5 (2013): 1051-1064.	N	N/A	N/A	Methanol oxidation by temperate soils and environmental determinants of associated methylotrophs
1611.	Stanic, S., Matic, S., Delic, G., Mihalovic, M., Bogojevic, D., Solujic, S.	2011	Study of genotoxicity and antigenotoxicity of the <i>Cotinus coggygia</i> Scop. methanol extract by <i>Drosophila melanogaster</i> sex-linked recessive lethal test	Genetika (2011) Vol. 47(7), pp. 874-8	N	N/A	N/A	Genotoxicity and antigenotoxicity of plant extracts

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1612.	Stanic, S., Matic, S., Solujic, S., Milosevic, T.	2009	Genotoxicity testing of the methanol extract of the plant <i>Cotinus coggygria</i> and Gallic acid on <i>Drosophila melanogaster</i>	Archives of Biological Sciences 61.2 (2009): 261-266	N	N/A	N/A	Genotoxicity of plant extracts on fruit flies
1613.	Starokon, E V; Parfenov, M V; Arzumanov, S S; Pirutko, L V; Stepanov, A G; Panov, G	2013	Oxidation of methane to methanol on the surface of FeZSM-5 zeolite	Journal of Catalysis 300 (2013): 47-54.	N	N/A	N/A	Oxidation of methane to methanol
1614.	Stenzel, A., Endo, S., Goss, K.U.	2012	Measurements and predictions of hexadecane/ air partition coefficients for 387 environmentally relevant compounds	J Chromatogr A (2012) Vol. 1220, pp. 132-42	N	N/A	N/A	Experimental determination of hexadecane/ air partition coefficient values
1615.	Stepanov, S S; Zolotar'ova, O K	2011	Methanol metabolism in plants	Ukraińs'kyĭ biokhimichnyi zhurnal (1999) 83.4 (Jul 2011 - Sep 2011): 5-15.	N	N/A	N/A	Methanol metabolism in plants
1616.	Stokke, J.M., Mazyck, D.W.	2008	Photocatalytic degradation of methanol using silica-titania composite pellets: Effect of pore size on mass transfer and reaction kinetics	Environ Sci Technol (2008) Vol. 42(10), pp. 3808-13	N	N/A	N/A	Photocatalytic degradation of methanol
1617.	Stokke, J.M., Mazyck, D.W., Wu, C.Y., Sheahan, R.	2006	Photocatalytic oxidation of methanol using silica-titania composites in a packed-bed reactor	Environmental Progress 25.4 (Dec 2006): 312	N	N/A	N/A	Photocatalytic oxidation of methanol

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1618.	Studt, F; Sharafutdinov, I ; Abild-Pedersen, F; Elkjær, C F; Hummelshøj, J S; Dahl, S; Chorkendorff, I; Nørskov, J K	2014	Discovery of a Ni-Ga catalyst for carbon dioxide reduction to methanol	Nature chemistry 6.4 (Apr 2014): 320-4.	N	N/A	N/A	Discovery of a catalyst for carbon dioxide reduction to methanol
1619.	Sturm, J.M., Göbke, D., Kühlenbeck, H., Döbler, J., Reinhardt, U., Ganduglia-Pirovano, M.V., Sauer, J; Freund, H-J.	2009	Partial oxidation of methanol on well-ordered V(2)O(5)(001)/Au(111) thin films	PCCP 11.17 (May 7, 2009): 3290-9	N	N/A	N/A	Partial oxidation of methanol on thin films
1620.	Su, L.J., Chang, C.C., Yang, C.H., Hsieh, S.J., Wu, Y.C., Lai, J.M., Tseng, T.L., Huang, C.Y., Hsu, S.L.	2013	Graptopetalum paraguayense ameliorates chemical-induced rat hepatic fibrosis in vivo and inactivates stellate cells and Kupffer cells in vitro	PLoS One (2013) Vol. 8(1):e53988	N	N/A	N/A	Hepatoprotective and antifibrotic effects of <i>G. paraguayense</i>
1621.	Su, L.J., Yang, C.H., Huang, S.F., Yuo, Y.L., Hsieh, H.C., Tseng, T.L., Chen, C.H., Hsu, S.L., Huang, C.Y.	2012	Evaluation of the Chinese medicinal herb, <i>Graptopetalum paraguayense</i> , as a therapeutic treatment for liver damage in rat models	Evid Based Complement Alternat Med. (2012) 2012:256561	N	N/A	N/A	Use of a Chinese medicinal herb as a treatment for liver damage
1622.	Subash, A K; Augustine, A	2013	Hypolipidaemic effects of methanol extract of <i>Holoptelea integrifolia</i> (Roxb.) Planchon bark in diet-induced obese rats	Applied biochemistry and biotechnology 169.2 (Jan 2013): 546-53.	N	N/A	N/A	Hypolipidaemic effects of plant extracts in rats

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1623.	Subramanian, P A; Kalyanasundaram, R	2012	Studies on the kinetic parameters of thallium(I) - 50%methanol-water mixture at DME by Faradaic Impedance technique	Der Pharma Chemica 4.3 (2012): 819-833.	N	N/A	N/A	Kinetic parameters of thallium(I) - 50% methanol-water mixture
1624.	Subramanian, S., Narayanasastri, S., Kami Reddy, A.R.	2015	Single step derivatization with CF3 enone of thiophene at ambient temperature to determine propellant grade hydrazines: a study by GC and GC-MS	Analyst (2015) Vol. 140(1), pp. 330-9	N	N/A	N/A	Analytical detection of hydrazines in organic medium
1625.	Subramanion Jo, T.L., Sasidharan, S., Vello, S., Zakaria Zuraini	2010	Pharmacological activity, phytochemical analysis and toxicity of methanol extract of <i>Etlingera elatior</i> (torch ginger) flowers	Asian Pacific Journal of Tropical Medicine 3.10 (2010): 769-774	N	N/A	N/A	Pharmacological activity, phytochemical analysis and toxicity of plant extracts
1626.	Subramanion Jo, T.L., Zakaria Zuraini, Sasidharan, S.	2010	Antimicrobial activity and toxicity of methanol extract of <i>Cassia fistula</i> seeds	Research Journal of Pharmaceutical, Biological and Chemical Sciences 1.4 (2010): 391-398	N	N/A	N/A	Antimicrobial activity and toxicity of plant extract
1627.	Sudsarn, P., Wongchalee, N., Boonmars, T., Chamgramol, Y., Pairojkul, C., Juassok, A., Boonjaraspinyo, S.	2014	Sex differences in opisthorchiosis and the development of cholangiocarcinoma in Syrian hamster model	Parasitol Res. (2014) Vol. 113(3), pp. 829-35	N	N/A	N/A	Sex differences in development of CCA induced by <i>O. viverrini</i> infection and nitrosamine administration

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1628.	Sugie, Y., Matsuo, Y., Shintani, D., Fukutuka, T.	2009	Effect of water on corrosion behavior of stainless steel under high temperature and pressure methanol solution containing chloride ion	National Association of Corrosion Engineers, P.O. Box 218340 Houston TX 77084 USA, Mar 2009	N	N/A	N/A	Effect of water on corrosion behaviour of stainless steel
1629.	Suhara, K., Fujii, A., Mizuse, K., Mikami, N., Kuo, J-L.	2007	Compatibility between methanol and water in the three-dimensional cage formation of large-sized protonated methanol-water mixed clusters	The Journal of chemical physics 126.19 (May 21, 2007): 194306	N	N/A	N/A	IR spectra of protonated methanol-water mixed clusters
1630.	Suleiman, M.M., Dzenda, T., Sani, C.A.	2008	Antidiarrhoeal activity of the methanol stem-bark extract of <i>Annona senegalensis</i> Pers. (Annonaceae)	Journal of Ethnopharmacology 116.1 (Feb 28, 2008): 125-130	N	N/A	N/A	Antidiarrhoeal activity of plant extracts
1631.	Suleiman, M.M., Romanus, I.O., Yusuf, S.	2007	Gastroprotective effect of the crude methanol extract of <i>Terminalia avicennioides</i> in rats	Veterinarski Arhiv 77.4 (2007): 345-354	N	N/A	N/A	Gastroprotective effect of plant extracts
1632.	Sultana, N; Khan, R A; Azhar, I	2013	Anti-tussive effect and gross toxicities of methanol extract of <i>Mucuna pruriens</i> (L) DC in comparison of codeine phosphate	International Research Journal of Pharmacy 4.6 (2013): 62-65.	N	N/A	N/A	Anti-tussive effect and gross toxicities of plant extracts
1633.	Sun, C.J., Chen, M.L., Yang, X., Wen, B.H., Niu, D.S., Li, Q.F., Wang, X.L.	2007	Immunogenicity and immunoprotectivity of Q fever vaccine of chloroform-methanol residue of <i>Coxiella burnetii</i>	Chinese Journal of Zoonoses 23.6 (2007): 544-547	N	N/A	N/A	Immunogenicity and immunoprotectivity of a vaccine
1634.	Sun, H.	2004	Prediction of chemical carcinogenicity from molecular structure	J Chem Inf Comput Sci. (2004) Vol. 44(4), pp. 1506-14	N	N/A	N/A	Prediction of carcinogenicity from molecular structure

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1635.	Sun, H., Cao, L., Lu, L.	2013	Three dimensional porous graphene/PtPd bimetallic hybrids as high-performance electrocatalyst for methanol oxidation	Acta Chimica Sinica (2013) Vol. 71(4), pp. 579-584	N	N/A	N/A	Novel approach for producing 3D porous graphene/PtPd bimetallic hybrids
1636.	Sun, S; Xu, Z J	2015	Composition dependence of methanol oxidation activity in nickel–cobalt hydroxides and oxides: an optimization toward highly active electrodes	Electrochimica Acta 165 (2015): 56-66.	N	N/A	N/A	Composition dependence of methanol oxidation activity in nickel–cobalt hydroxides and oxides
1637.	Sun, W., Li, S., Mai, J., Ni, J.	2010	Initial photocatalytic degradation intermediates/pathways of 17alpha-ethynylestradiol: effect of pH and methanol	Chemosphere (2010) Vol. 81(1), pp. 92-9	N	N/A	N/A	Photocatalytic degradation of synthetic oral contraceptive
1638.	Sundaram, V., Emerick, R.W., Shumaker, S.E.	2014	Advanced treatment process for pharmaceuticals, endocrine disruptors, and flame retardants removal	Water Environ Res (2014) Vol. 86(2), pp. 111-22	N	N/A	N/A	Advanced treatment process for removal of pharmaceuticals, EDs and flame retardants
1639.	Supplie, O., May, M.M., Stange, H., Hohn, C., Lewerenz, H-J., Hannappel, T.	2014	Materials for light-induced water splitting: in situ controlled surface preparation of GaPN epilayers grown lattice-matched on Si	J Apply Phys (2014) Vol. 115, 113509	N	N/A	N/A	Development of solar-driven renewable energy conversion

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1640.	Suqi, L., Caceres, L.A., Schieck, K., McGarvey, B.D., Booker, C.J., Yeung, K.K., Pariente, S., Briens, C., Yeung, k.K., Pariente, S., Briens, C., Berruti, F., Scott, I.M.	2014	Insecticidal activity of Bio-oil from the pyrolysis of straw from Brassica spp	J Agric Food Chem (2014) Vol. 62(16), pp. 3610-8	N	N/A	N/A	Insecticidal activity of Bio-oil from the pyrolysis of straw from Brassica spp
1641.	Suzuki, T., Ozasa, H., Itoh, Y., Zhan, P., Sawada, H., Mino, K., Walport, L., Okhubo, R., Kawamura, A., Yonezawa, M., Tsukada, Y., Tumber, A., Nakagawa, H., Hasegawa, M., Sasaki, R., Mizukami, T., Schofield, C.J., Miyata, N.	2013	Identification of the KDM2/7 histone lysine demethylase subfamily inhibitor and its antiproliferative activity	Journal of Medicinal Chemistry (2013) Vol. 56(18), pp. 7222-7231	N	N/A	N/A	No relevant endpoints investigated
1642.	Suzuki, Y; Takasu, T; Tsukamoto, S	2013	Ethanol consumption increases methanol	International Medical Journal 20.3 (Jun 2013): 289-291.	N	N/A	N/A	Model for chronic ethanol consumption in the rat
1643.	Suzumura, A., Paul, D., Sugimoto, H., Shinoda, S., Julian, R.R., Beauchamp, J.L., Teroka, J., Tsukube, H.	2005	Cytochrome c-crown ether complexes as supramolecular catalysts: cold-active synzymes for asymmetric sulfoxide oxidation in methanol	Inorg Chem (2005) Vol. 44(4), pp. 904-10	N	N/A	N/A	Cytochrome c-crown ether complexes as supramolecular catalysts

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1644.	Swairjo, M.A., Otero, F.J., Yang, X.I., Lovato, M.A., Skene, R.J., McRee, D.E., Ribas de Pouplana, L., Schimmel, P.	2004	Alanyl-tRNA synthetase crystal structure and design for acceptor-stem recognition	Mol Cell (2004) Vol. 13(6), pp. 829-41	N	N/A	N/A	No relevant endpoints investigated
1645.	Syahmi, A.R.M., Vijayarathna, S., Sasidharan, S., Latha, L.Y., Kwan, Y.P., Lau, Y.L., Shin, L.N., Chen, Y.	2010	Acute oral toxicity and brine shrimp lethality of <i>Elaeis guineensis</i> Jacq., (oil palm leaf) methanol extract	Molecules (Basel, Switzerland) 15.11 (Nov 10, 2010): 8111-21	N	N/A	N/A	Plant extract toxicity to brine shrimp
1646.	Syed, I., Rathod, J., Parmar, M., Corcoran, G.B., Ray, S.D.	2012	Matrix metalloproteinase-9,-10, and-12, MDM2 and p53 expression in mouse liver during dimethylnitrosamine-induced oxidative stress and genomic injury	Mol Cell Biochem (2012) Vol. 365(1-2), pp. 351-61	N	N/A	N/A	No relevant endpoints investigated
1647.	Syros, T.D., Economou, A.S., Bosabalidis, A.M., Yupsanis, T.A.	2006	<i>Ebenus cretica</i> L., a potential new floricultural crop. Anatomical, physiological and biochemical approaches. Advances and Topical Issues, Volume IV	Floriculture, Ornamental and Plant Biotechnology (2006), pp. 662-668	N	N/A	N/A	Anatomical, physiological and biochemical approaches of <i>E. cretica</i>
1648.	Taadaouit, N A; Hsaine, M; Rochdi, A; Nilahyane, A; Bouharroud, R	2012	Effect of methanol extracts of selected Moroccan plants on <i>Tuta absoluta</i> (Lepidoptera, Gelechiidae).	Bulletin OEPP/EPPO Bulletin 42.2 (2012): 275-280.	N	N/A	N/A	Efficacy study
1649.	Tabata, K., Okura, I.	2008	Hydrogen and methanol formation utilizing bioprocesses	Journal of the Japan Petroleum Institute 51.5 (2008): 255-263255	N	N/A	N/A	Conversion of CO ₂ and methane to methanol

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1650.	Tacciloi, C., Chen, H., Jiang, Y., Liu, X.P., Huang, K., Smalley, K.J., Farber, J.L., Croce, C.M., Fong, L.Y.	2012	Dietary zinc deficiency fuels esophageal cancer development by inducing a distinct inflammatory signature	Oncogene (2012) Vol. 31(42), pp. 4550-8	N	N/A	N/A	Esophageal cancer development from dietary zinc deficiency
1651.	Taghdisian, H; Pishvaei, M R; Farhadi, F	2015	Small-sized and high-dispersed WN from [SiO ₄ (W ₃ O ₉) ₄] ⁴⁻ clusters loading on GO-derived graphene as promising carriers for methanol electro-oxidation	Journal of Cleaner Production 103 (2015): 640-650.	N	N/A	N/A	Design of methanol plant
1652.	Takahashi, Y., Onodera, S.	2012	The indirect drinking water of recycled water in California	Yosui to Haisui (2012) Vol. 54(6), pp. 471-482	N	N/A	N/A	Drinking water quality in California
1653.	Takamuku, T., Maruyama, H., Kittaka, S., Takahara, S., Yamaguchi, T.	2005	Structure of methanol confined in MCM-41 investigated by large-angle X-ray scattering technique	The journal of physical chemistry. B 109.2 (Jan 20, 2005): 892-9	N	N/A	N/A	Large angle X-ray scattering measurements on methanol in mesoporous silica
1654.	Tam, A.A., Sin, D.D.	2012	Pathobiologic mechanisms of chronic obstructive pulmonary disease	Med Clin North Am (2012) Vol. 96(4), pp. 681-98	N	N/A	N/A	Pathobiologic mechanisms of chronic obstructive pulmonary disease
1655.	Tamashiro F, P; Sikiru Olaitan, B; Tavares De Almeida, D A; Lima, J C D S; Marson-Ascêncio, P G; Donizeti Ascêncio, S; Rios-Santos, F; Martins, D T D O	2012	Evaluation of antiulcer activity and mechanism of action of methanol stem bark extract of <i>Lafoensia pacari</i> A. St.-Hil. (Lytraceae) in experimental animals	Journal of Ethnopharmacology 144.3 (Dec 18, 2012): 497-505.	N	N/A	N/A	Antiulcer activity of plant extracts

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1656.	Tamenori, Y., Okada, K., Takahashi, O., Arakawa, S., Tabayashi, K., Hiraya, A., Gejo, T., Honma, K.	2008	Hydrogen bonding in methanol clusters probed by inner-shell photoabsorption spectroscopy in the carbon and oxygen K-edge regions	The Journal of chemical physics 128.12 (Mar 28, 2008): 124321	N	N/A	N/A	Hydrogen bonding in methanol clusters
1657.	Tamvakopoulos, C., Dimas, K., Sofianos, Z.D., Hatziantoniou, S., Han, Z., Liu, Z-L., Wyche, J.H; Pantazis, P.	2007	Metabolism and anticancer activity of the curcumin analogue, dimethoxycurcumin	Clinical cancer research (2007) Vol. 13(4), pp. 1269-77	N	N/A	N/A	Metabolism and anticancer activity of dimethoxy-curcumin
1658.	Tan, H; Ma, X; Sheng, L; An, K; Yu, L; Zhao, H; Xu, J; Ren, W; Zhao, X	2014	Direct synthesis of few-layer graphene supported platinum nanocatalyst for methanol oxidation	Japanese Journal of Applied Physics 53.11 (2014): 117101/1-7.	N	N/A	N/A	Synthesis of nanocatalyst for methanol oxidation
1659.	Tan, J.W., Ge, Y.S., Wang, J.F., Liu, Z.H., Han, X.K., Wang, M.	2009	Investigation on emission characteristics of methanol vehicle's aldehyde and ketone pollutants	Huan Jing Ke Xue (2009) Vol. 30(8), pp. 2199-203	N	N/A	N/A	Emission characteristics from methanol vehicles
1660.	Tan, N.X., Rao, H.B., Li, Z.R., Li, X.Y.	2009	Prediction of chemical carcinogenicity by machine learning approaches	SAR QSAR Environ Res (2009) Vol. 20(1-2), pp. 27-75	N	N/A	N/A	Prediction of chemical carcinogenicity by machine learning approaches
1661.	Tan, P V; Mezui, C; Enow-Orock, G E; Dimo, T; Nyasse, B	2005	Healing effect on chronic gastric ulcers and short-term toxicity profile of the leaf methanol extract of <i>Ocimum suave</i> Wild (Lamiaceae) in rats	African Journal of Traditional, Complementary and Alternative Medicines 2.3 (2005): 312-325	N	N/A	N/A	Healing effect on chronic gastric ulcers and short-term toxicity by plant extracts

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1662.	Tang, Y., Hanrath, M., Nielsen, C.J.	2012	Do primary nitrosamines form and exist in the gas phase? A computational study of CH ₃ NHNO and (CH ₃) ₂ NNO	Phys Chem Chem Phys (2012) Vol. 14(47), pp. 16365-70	N	N/A	N/A	Formation of nitrosamines
1663.	Tanko, Y; Kadiri, O T; Mohammed, A; Mahdi, M A; Musa, K Y	2011	Preliminary antidiarrhoeal activity of methanol extract of <i>Cissus cornifolia</i> (Bak) Planch on experimental animals	Annals of Biological Research 2.4 (2011): 229-237	N	N/A	N/A	Antidiarrhoeal activity of plant extracts
1664.	Tao, Y., Schwartz, S., Wu, C.Y., Mazyck, D.W.	2005	Development of a TiO ₂ /AC composite photocatalyst by dry impregnation for the treatment of methanol in humid airstreams	Ind Eng Chem res 92005) Vol. 44(19), pp. 7366-7372	N	N/A	N/A	Catalyst for the treatment of methanol in humid airstreams
1665.	Tao, Y., Wu, C.Y., Mazyck, D.W.	2006	Removal of methanol from pulp and paper mills using combined activated carbon adsorption and photocatalytic regeneration	Chemosphere 65.1 (Sep 2006): 35-42	N	N/A	N/A	Removal of methanol from pulp and paper mills
1666.	Tao, Y.Y., Wang, Q.L., Shen, I., Fu, W.W., Liu, C.H.	2013	Salvianolic acid B inhibits hepatic stellate cell activation through transforming growth factor beta-1 signal transduction pathway in vivo and in vitro	Exp Biol Med (2013) Vol. 238(11), pp. 1284-96	N	N/A	N/A	Mechanism of salvianolic acid B on liver fibrosis
1667.	Tarabova, D., Milata, V., Hanusek, J.	2013	Kinetics and mechanism of the reaction of alkoxymethylidene malonate and malononitrile with hydrazines and anilines	Journal of Physical Organic Chemistry (2013) Vol. 26(6), pp. 503-509	N	N/A	N/A	Kinetics and mechanism of the reaction of alkoxymethyl-idene malonate and malononitrile with hydrazines and anilines

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1668.	Taranenko, L.A.	2012	Digestive system diseases in workers engaged into chemical production of methanol and formalin	Med Tr Prom Ekol (2012) Vol. 2, pp. 34-7	N	N/A	N/A	Digestive system diseases in workers in chemical production of methanol and formalin; no relevant endpoints investigated
1669.	Taranenko, L.A.	2013	Features of dyslipidemia development and insulin resistance in female workers engaged in methanol and formaldehyde production	Med Tr Prom Ekol (2013) Vol. 11, pp. 5-8	N	N/A	N/A	Analysing occupational risk of carbohydrate and lipid metabolism in female workers exposed to methanol
1670.	Taranenko, L.A., Malutina, N.N.	2012	Congenital abnormalities in children whose parents were exposed to methanol and formaldehyde	Med Tr Prom Ekol (2012) Vol. 12, pp. 33-5	N	N/A	N/A	Possible effects on parents exposed to methanol and formaldehyde; no relevant endpoints investigated
1671.	Tarasevich, Y.I., Aksenenko, E.V., Zhukova, A.I., Bondarenko, S.V.	2008	Gas chromatographic, ab initio and molecular statistical study of the cluster adsorption of water and methanol molecules onto lyophilic centres on a generally lyophobic adsorbent surface	Adsorption Science and Technology 26.1 (Feb 2008): 47-57	N	N/A	N/A	Adsorption of water and methanol onto the active centres of a graphitised carbon black surface

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1672.	Tarasov, A.L., Borzenkov, I.A., Belyayev, S.S.	2011	Investigation of the trophic relations between anaerobic microorganisms from an underground gas repository during methanol utilization	Microbiology (2011) Vol. 80(2), pp. 180-187	N	N/A	N/A	Trophic relations between anaerobic microorganisms from an underground gas repository
1673.	Tarasov, A.L., Borzenkov, I.A., Chernykh, N.A., Belyayev, S.S.	2011	Isolation and investigation of anaerobic microorganisms involved in methanol transformation in an underground gas storage facility	Microbiology (2011) Vol. 80(2), pp. 172-179	N	N/A	N/A	Anaerobic microorganisms involved in methanol transformation in an underground gas repository
1674.	Tarko, L., Putz, M.V.	2012	Quantitative Structure-Toxicity Relationships (QSTR) using high chemical diversity molecule groups	Journal of Theoretical & Computational Chemistry (2012) Vol. 11(2), pp. 265-272	N	N/A	N/A	QSTR measurements of rat toxicity measured by TD50 values
1675.	Tatematsu, K., Koide, A., Morimura, K., Fukushima, S., Mori, Y.	2013	The enhancing effect of ethanol on the mutagenic activation of N-nitrosomethylbenzylamine by cytochrome P450 2A in the rat oesophagus	Mutagenesis (2013) Vol. 28(2), pp. 161-9	N	N/A	N/A	Effect of ethanol on mutagenic activation of NDMA
1676.	Tawa, G.J., Abdul Hameed M.D.M., Yu, X., Kumar, K., Ippolito, D.L., Lewis, J.A., Stallings, J.D., Wallqvist, A.	2014	Characterization of chemically induced liver injuries using gene co-expression modules	PLoS One (2014) doi: 10.1371/journal.pone.0107230	N	N/A	N/A	Identification of gene modules specific to liver injury endpoints
1677.	Taya, C., Guerrero, J., Vanneste, G., Guisasola, A., Baeza, J.A.	2013	Methanol-driven enhanced biological phosphorus removal with a syntrophic consortium	Biotechnol Bioeng (2013) Vol. 110(2), pp. 391-400	N	N/A	N/A	Biological phosphorus removal from wastewater

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1678.	Tchoumtchoua, J; Mouchili, O R; Ateba, S B; Zingue, S; Halabalaki, M; Mbanya, J C; Skaltsounis, A; Njamen, D	2014	Safety assessment of the methanol extract of the stem bark of <i>Amphimas pterocarpoides</i> Harms: Acute and subchronic oral toxicity studies in Wistar rats	Toxicology Reports 1 (Nov 1, 2014): 877-884	N	N/A	N/A	Plant extract toxicity in rats
1679.	Teasdale, A., Eyley, S.C., Delaney, E., Jacq, K., Taylor-Worth, K., Lipczynski, A.	2009	Mechanism and processing parameters affecting the formation of methyl methanesulfonate from methanol and methanesulfonic acid: An illustrative example for sulfonate ester impurity formation	Organic Process Research & Development (2009) Vol. 13(3), doi: 10.1021/op800192a	N	N/A	N/A	Formation of methyl methanesulfonate from methanol and methanesulfonic acid
1680.	Techasen, A., Loilome, W., Namwat, N., Duenngai, K., Cha'on, U., Thanan, R., Sithithaworn, P., Miwa, M., Yongvanit, P.	2012	<i>Opisthorchis viverrini</i> -antigen induces expression of MRACKS during inflammation-associated cholangiocarcinogenesis	Parasitol Int.(2012) Vol. 61(1), pp. 140-4	N	N/A	N/A	Inflammation-associated cholangio-carcinogenesis
1681.	Teefy, S., Chan, C.C., Wong, W., Work, L.	2014	NDMA formation from gaskets used in water storage tanks	Journal of the American Water Works Association (2014) Vol. 106(9), pp. E408	N	N/A	N/A	NDMA formation from gaskets used in water storage tanks
1682.	Tenti, G., Ramos, M.T., Menéndez, J.C.	2013	A new multicomponent protocol for the synthesis of pyridines and fused pyridines via a formal aza [3 + 3] cycloaddition	Current Organic Synthesis (2013) Vol. 10(4), pp. 645-654	N	N/A	N/A	Synthesis of pyridines and fused pyridines

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1683.	Tesser, R., Di Serio, M., Casale, L., Carotenuto, G., Santacesaria, E.	2010	Absorption of water/ methanol binary system on ion-exchange resins	Canadian Journal of Chemical Engineering 88.6 (Dec 2010): 1044-1053	N	N/A	N/A	Absorption of water/methanol binary system on ion-exchange resins
1684.	Thakare, K., Shi, W.J., Barbeau, W.E., Bassaganya-Riera, J., Hontecillas, R., Scott, F.	2008	Investigation of chloroform-methanol soluble wheat proteins and sphingolipids as potential dietary triggers of diabetes in BBdp rats	Food and Agricultural Immunology 19.1 (2008): 25-48	N	N/A	N/A	Wheat proteins and sphingolipids as potential triggers of diabetes in rats
1685.	Thakuria, R.K., Singh, H., Singh, T.	2004	Effect of irrigation and antitranspirants on growth and yield of spring sunflower (<i>Helianthus annuus</i> L.)	Annals of Agricultural Research (2004) Vol. 25(3), pp. 433-438	N	N/A	N/A	Effect of irrigation and anti-transpirants on growth and yield of <i>H. annuus</i>
1686.	Thefenne, H., Turc, J., Carmoi, T., Gardet, V., Renard, C.	2005	Acute methanol poisoning: about one case	Ann Biol Clin (2005) Vol. 63(5), pp. 555-60	N	N/A	N/A	One case of methanol poisoning; no relevant endpoints investigated
1687.	Thiam, H S; Daud, W R W; Kamarudin, S K; Mohamad, A B; Kadhum, A A H; Loh, K S; Majlan, E H	2013	Nafion/Pd–SiO2 nanofiber composite membranes for direct methanol fuel cell applications	International Journal of Hydrogen Energy 38.22 (2013): 9474-9483.	N	N/A	N/A	Composite membranes for direct methanol fuel cell applications
1688.	Tian, B., Li, Z., Fan, C., Wang, Z., Cao, Y., Xia, B., Wang, L.	2012	Determination of N-nitrosodimethylamine in unsymmetrical dimethylhydrazine wastewater by high performance liquid chromatography	Zhiye Yu Jiankang (2012) Vol. 28(10), pp. 1221-1222, 1225	N	N/A	N/A	Analytical method for the detection of NDMA in water

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1689.	Tian, F., Xu, B., Tian, K., Hu, C., Xia, S., Gao, N., Ye, T.	2014	Formation of carbonaceous and nitrogenous disinfection by-products during monochloramination of oxytetracycline including N-Nitrosodimethylamine	Desalination and Water Treatment (2014) doi: 10.1080/19443994.2014.899518	N	N/A	N/A	Formation of disinfection byproducts
1690.	Tinoco, S.A., Grossi, J.A.S., Azevedo, A.A., Barbosa, J.G., Santos, N.T.	2011	The influence of chlormequat, daminozide and paclobutrazol on growth and quality of geranium (Pelargonium .times. hortorum L. H. Bailey) plants	Revista Brasileira de Horticultura Ornamental (2011) Vol. 17(2), pp. 149-157	N	N/A	N/A	Efficacy study
1691.	Tisseraud, C; Comminges, C; Belin, T; Ahouari, H; Soualah, A; Pouilloux, Y; Le V, A	2015	The Cu–ZnO synergy in methanol synthesis from CO ₂ , Part 2: Origin of the methanol and CO selectivities explained by experimental studies and a sphere contact quantification model in randomly packed binary mixtures on Cu–ZnO coprecipitate catalysts	Journal of Catalysis 330 (2015): 533-544.	N	N/A	N/A	Cu–ZnO synergy in methanol synthesis from CO ₂
1692.	Tokarz, W., Siwek, H., Piela, P., Czerwinski, A.	2007	Electro-oxidation of methanol on Pt-Rh alloys	Electrochimica Acta 52.18 (2007): 5565-5573	N	N/A	N/A	Electro-oxidation of methanol on Pt-Rh alloys

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1693.	Tomás, R., Mulas, J., Lopez-Sanchez, J.M., Herrera, G., Romero, R., Carrasco, D., Marturià, J.J., Concha-Dimas, A., Mallorquí, J.J., Gutiérrez, F., González, P.J., Fernández, J., Cocksley, G., Castañeda, C., Blanco, P., Duque, S.	2014	Radar interferometry techniques for the study of ground subsidence phenomena: A review of practical issues through cases in Spain	Environmental Earth Sciences (2014) Vol. 71(1), pp. 163-181	N	N/A	N/A	Radar interferometry techniques for the study of ground subsidence
1694.	Tominaga, Y.	2009	Use of acetaldehyde and methanol as markers of alcohol abuse and their measurement	Nihon Arukoru Yakubutsu Igakkai Zasshi (2009) Vol. 44(1), pp. 26-37	N	N/A	N/A	Use of markers for measurement of alcohol abuse
1695.	Tominaga, Y., Sudo, T., Kanegae, T., Nagoya, T., Matsumura, S., Yoshida, M., Teraoka, A., Shimamura, M., Tsukamoto, S., Sato, Y.	2009	Measurement of free and bound alcohol metabolites and methanol in human biological samples--free and bound alcohol metabolites and methanol in acute alcohol administration	Nihon Arukoru Yakubutsu Igakkai Zasshi (2009) Vol. 44(1), pp. 13-25	N	N/A	N/A	Analytical detection of alcohol metabolites and methanol in human biological samples
1696.	Tong, H.	2013	Preparation of polyaniline covalently grafted carbon nanotubes supported Pt catalysts and its electrocatalytic performance for methanol	Acta Chim Sinica (2013) Vol. 71, pp. 1647-1655	N	N/A	N/A	Preparation of carbon nanotubes

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1697.	Topuz, E., Aydin, E., Pehlivanoglu-Mantas, E.	2012	A practical LC-MS/MS method for the detection of NDMA at nanogram per liter concentrations in multiple water matrices	Water, Air & Soil Pollution (2012) Vol. 223(9), pp. 5793-5802	N	N/A	N/A	Analytical method for the detection of NDMA in water
1698.	Torabi, A.M., Ghiaee, R.	2015	Decontamination of unsymmetrical dimethylhydrazine waste water by hydrodynamic cavitation-induced advanced Fenton process	Ultrason Sonochem (2015) Vol. 23, pp. 257-65	N	N/A	N/A	Decontamination of UDMH wastewater
1699.	Torex, A; Sasidharan, S	2011	Anti- <i>Candida albicans</i> biofilm activity by <i>Cassia spectabilis</i> standardized methanol extract: An ultrastructural study	European Review for Medical and Pharmacological Sciences 15.8 (Aug 2011): 875-882.	N	N/A	N/A	Inhibitory effects of plant extracts on fungal species
1700.	Toropov, A.A., Benfenati, E.	2006	QSAR models for Daphnia toxicity of pesticides based on combinations of topological parameters of molecular structures	Bioorg Med Chem (2006) Vol. 14(8), pp. 2779-88	N	N/A	N/A	Use of QSAR models to predict toxicity to Daphnia
1701.	Toropov, A.A., Benfenati, E.	2008	Additive SMILES-based optimal descriptors in QSAR modeling bee toxicity: Using rare SMILES attributes to define the applicability domain	Bioorg Med Chem (2008) Vol. 16(9), pp. 4801-9	N	N/A	N/A	Modelling of bee toxicity
1702.	Torres Ortiz, V	2013	Determination of denitrification kinetics for methanol utilizing bacteria	2013.	N	N/A	N/A	Denitrification kinetics for methanol utilizing bacteria

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1703.	Tough, D.F., Lewis, H.D., Rioja, I., Lindon, M.J., Prinjh, R.K.	2014	Epigenetic pathway targets for the treatment of disease: Accelerating progress in the development of pharmacological tools	Br J Pharmacol (2014) Vol. 171(22), pp. 4981-5010	N	N/A	N/A	Overview of epigenetic regulatory proteins
1704.	Tran, B.N., Okoniewski, R., Storm, R., Jansing, R., Aldous, K.M.	2010	Use of methanol for the efficient extraction and analysis of melamine and cyanuric acid residues in dairy products and pet foods	Journal of agricultural and food chemistry 58.1 (Jan 13, 2010): 101-7	N	N/A	N/A	Analytical detection of contaminants in foodstuffs
1705.	Tremblay, P.L., Hoglund, D., Koza, A., Bonde, I., Zhang, T.	2015	Adaptation of the autotrophic acetogen <i>Sporomusa ovata</i> to methanol accelerates the conversion of CO2 to organic products	Sci Rep (2015) Vol. 4(5): 16168	N	N/A	N/A	Adaptation of an autotrophic acetogen to methanol
1706.	Tripathi, D.K., Lallu, C.B., Baghel, R.S., Bhushan, C.	2007	Effect of some growth regulators on flower drop and yield of chickpea	Journal of Food Legumes (2007) Vol. 20(1), pp. 117-118	N	N/A	N/A	Efficacy study
1707.	Tsai, Y; Lin, H; Lee, M	2011	Kinetics behavior of esterification of acetic acid with methanol over Amberlyst 36	Chemical engineering journal 171.3 (Jul 15, 2011): 1367-1372.	N	N/A	N/A	Kinetics behavior of esterification of acetic acid with methanol
1708.	Tsiouvaras, N., Martinez-Huerta, M.V., Paschos, O., Stimming, U., Fierro, J.L.G., Pena, M.A.	2010	PtRuMo/C catalysts for direct methanol fuel cells: Effect of the pretreatment on the structural characteristics and methanol electrooxidation	International Journal of Hydrogen Energy (2010) Vol. 35(20), pp. 11478-11488	N	N/A	N/A	Structural characteristics of catalysts for methanol electrooxidation

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1709.	Tsoncheva, T., Ivanova, L., Minchev, C., Fröba, M.	2009	Cobalt-modified mesoporous MgO, ZrO ₂ , and CeO ₂ oxides as catalysts for methanol decomposition	Journal of colloid and interface science 333.1 (May 1, 2009): 277-84	N	N/A	N/A	Catalysts for methanol decomposition
1710.	Tsoncheva, T., Ivanova, L., Paneva, D., Dimitrov, M., Mitov, I., Stavrev, S., Minchev, C.	2006	Iron-oxide-modified nanosized diamond: preparation, characterization, and catalytic properties in methanol decomposition	Journal of colloid and interface science 302.2 (Oct 15, 2006): 492-500	N	N/A	N/A	Iron-oxide-modified nanosized diamond involvement in methanol decomposition
1711.	Tsoncheva, T; Sarkadi-Priboczki, E; Dimitrov, M; Genova, I	2013	Nanostructured copper, chromium, and tin oxide multicomponent materials as catalysts for methanol decomposition: ¹¹ C-radiolabeling study	Journal of Colloid and Interface Science 389.1 (Jan 1, 2013): 244-251.	N	N/A	N/A	Component materials as catalysts for methanol decomposition
1712.	Tsuji, K., Asakawa, M., Anzai, Y., Sumino, T., Harada, K.	2006	Degradation of microcystins using immobilized microorganism isolated in an eutrophic lake	Chemosphere (2006) Vol. 65(1), pp. 117-24	N	N/A	N/A	Biological removal method of cyanobacteria and their toxic products
1713.	Tsuru, T; Sasaki, A; Kanezashi, M; Yoshioka, T	2011	Pervaporation of methanol/dimethyl carbonate using SiO ₂ membranes with nano-tuned pore sizes and surface chemistry	AIChE Journal 57.8 (2011): 2079-2089	N	N/A	N/A	Pervaporation of methanol/dimethyl carbonate
1714.	Tu, K.L., Fujioka, T., Khan, S.J., Poussade, Y., Toux, A., Drewes, J.E., Chivas, A.R., Nghiem, L.D.	2013	Boron as a surrogate for N-nitrosodimethylamine rejection by reverse osmosis membranes in potable water reuse applications	Environmental Science & Technology (2013) Vol. 47(12), pp. 6425-6430	N	N/A	N/A	Rejection of NDMA by reverse osmosis membranes

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1715.	Tung, Y-T., Tang, T-Y., Chen, H-L., Yang, S-H., Chong, K-Y., Cheng, W.T.K., Chen, C-M.	2014	Lactoferrin protects against chemical-induced rat liver fibrosis by inhibiting stellate cell activation	Journal of Dairy Science (2014) Bol. 97(6), pp. 3281-3291	N	N/A	N/A	Mechanism of lactoferrin protection against liver fibrosis
1716.	Turk, J.K., Graham, R.C.	2009	Soil carbon and nitrogen accumulation in a forested debris flow chronosequence, California	Soil Science Society of America Journal (2009) Vol. 73(5), p. 1504-1509	N	N/A	N/A	Forest soil carbon and nitrogen accumulation
1717.	Turker, L.	2012	A trigonometric approach to a limiting law on detonation velocity	MATCH (2012) Vol. 67(1), pp. 127-146	N	N/A	N/A	Modelling of detonation velocity
1718.	Turker, L.	2012	An elliptic model for detonation velocity	International Journal of Chemical Modeling (2012) Vol. 4(2/3), pp. 357-368	N	N/A	N/A	Modelling of detonation velocity
1719.	Türkmen, N., Eren, B., Fedakar, R., Akgöz, S., Comunoğlu, N.	2008	Glial fibrillary acidic protein (GFAP) and CD34 expression in the human optic nerve and brain in methanol toxicity	Advances in therapy 25.2 (Feb 2008): 123-32	N	N/A	N/A	GFAP and CD34 expression in the human optic nerve and brain in methanol toxicity
1720.	Tweats, D., Bourdin Trunz, B., Torreele, E.	2012	Genotoxicity profile of fexinidazole – a drug candidate in clinical development for human <i>African trypanomiasis</i> (sleeping sickness)	Mutagenesis (2012) Vol. 27(5), pp. 523-32	N	N/A	N/A	Genotoxicity profile of fexinidazole
1721.	Tyrkov, A.G., Abdel'rakhim, M.A., Sukhenko, L.T., Degtyarev, O.V.	2014	Synthesis and antifungal activity of substituted nitrotetrazole-5-carbaldehyde hydrazones	Pharmaceutical Chemistry Journal (2014) Vol. 47(11), pp. 589-592	N	N/A	N/A	Synthesis and antifungal activity of substituted nitrotetrazole-5-carbaldehyde hydrazones

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1722.	Uca, A.U., Kozak, H.H., Altas, M.	2015	An undercovered health threat in Turkey: Transdermal methanol intoxication	Clin Neuropharmacol (2015) Vol. 38(2), pp. 52-4	N	N/A	N/A	Symptoms of transdermal methanol intoxication; no relevant endpoints investigated
1723.	Uddin, M.N., Begum, J., Rahman, M.A., Ahmed, N.U., Akter, R., Abdullah, A.M.	2010	Antinociceptive and anti-inflammatory properties of the methanol leaf extract of <i>Argyrea argentea</i>	Journal of Pharmaceutical Sciences and Research 2.8 (Aug 2010): 465-471	N	N/A	N/A	Antinociceptive and anti-inflammatory properties of plant extracts
1724.	Uddin, N; Hasan, M. R; Hasan, M. M; Hossain, M. M; Alam, M. R; Hasan, M R; Islam, A. F. M. M; Rahman, T; Rana, M. S	2014	Assessment of toxic effects of the methanol extract of <i>Citrus macroptera</i> Montr. fruit via biochemical and hematological evaluation in female Sprague-Dawley rats	PLoS One 9.11 (Nov 4, 2014): Article No.: e111101.	N	N/A	N/A	Plant extract toxicity in rats
1725.	Udegbumam, R.I. Asuzu, U.I., Kene, R.O.C., Udegbumam, S.O., Nwaehujor, C.	2011	Anti-nociceptive, anti-inflammatory and anti-oxidant effects of the methanol leaf extract of <i>Sterculia tragacantha</i> lindl	Journal of Pharmacology and Toxicology 6.5 (2011): 516-524	N	N/A	N/A	Anti-nociceptive, anti-inflammatory and anti-oxidant effects of plant extracts
1726.	Udoh, F.C., Udoh, P.B.	2005	Hepatotoxicity of the methanol extract of <i>Carica papaya</i> (paw-paw) seeds in Wistar rats	Pharmaceutical Biology 43.4 (Jun 2005 - Jul 2005): 349-352	N	N/A	N/A	Hepatotoxicity of plant extracts
1727.	Uesugi, K., Kuboya, S., Sanorpim, S., Onabe, K.	2013	Photoluminescence properties of InGaAsN films on Ge(001) vicinal substrates	Journal of Crystal Growth (2013) Vol. 370, pp. 46-50	N	N/A	N/A	Photoluminescence properties of InGaAsN films
1728.	Uesugi, K., Kuboya, S., Sanorpim, S., Onabe, K.	2014	Characterization of InGaAsN solar-cell structures on Ge substrates	Physica Status Solidi (2014) Vol. 11(3-4), DOI: 10.1002/pssc.201300488	N	N/A	N/A	InGaAsN solar-cell structures on Ge substrates

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1729.	Ugarte, M., Brown, M., Hollywood, K.A., Cooper, G.J., Bishop, P.N., Dunn, W.B.	2012	Metabolomic analysis of rat serum in streptozotocin-induced diabetes and after treatment with oral triethylenetetramine (TETA)	Genome Med (2012) Vol. 4(4), pp. 35	N	N/A	N/A	Development of models to study diabetes and treatment with TETA
1730.	Uhm, S., Chung, S.T., Lee, J.	2008	Characterization of direct formic acid fuel cells by impedance studies: In comparison of direct methanol fuel cells	Journal of Power Sources (2008) Vol. 178(1), pp. 34-43	N	N/A	N/A	Characterization of direct formic acid fuel cells
1731.	Ul'yanovskiy, N.V., Bogolitsyn, K.G., Kozhevnikov, A.Yu., Kosyakov, D.S.	2012	Dynamics of binding of 1,1-dimethylhydrazine by peaty soil typical for the European North of Russia	Ekologiya i Promyshlennost Rossii (2012) No. April, pp. 32-35	N	N/A	N/A	Environmental levels of UDMH
1732.	Ul'yanovskiy, N.V., Kosyakov, D.S., Bogolitsyn, K.G., Kozhevnikov, A., Yu., Falev, D.I.	2013	Estimation of pollution by missile fuel of launch vehicle's used parts at impact location in the north of the Russian Federation	Ekologiya i Promyshlennost Rossii (2013) No. March, pp. 63-66	N	N/A	N/A	Pollution from missile launches
1733.	Ulger, S., Akdesir, O., Demiral, S., Atmaca, A.	2010	Investigation of the effects of external daminozide application on endogenous hormone levels in 'Memecik' olive trees	Acta Horticulturae (2010) Vol. 884, pp. 153-156	N	N/A	N/A	Efficacy study
1734.	Um, M S; Han, O H; Lee, J; Song, K; Lee, H Y; Ha, H Y	2012	Development and characterization of tubular direct methanol fuel cells for use in in situ NMR analysis	International Journal of Hydrogen Energy 37.12 (Jun 1, 2012): 9836-9844.	N	N/A	N/A	Development and characterization of tubular direct methanol fuel cells

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1735.	Un, K., Kawakami, S., Yoshida, M., Higuchi, Y., Suzuki, R., Maruyama, K., Yamashita, F., Hashida, M.	2012	Efficient suppression of murine intracellular adhesion molecule-1 using ultrasound-responsive and mannose-modified lipoplexes inhibits acute hepatic inflammation	Hepatology (2012) Vol. 56(1), pp. 259-69	N	N/A	N/A	Suppression of murine intracellular adhesion molecule-1
1736.	Unsal, A; Basturk, T; Sakac, T; Ahbap, E; Koç, Y; Yilmaz, M	2012	Epidemic acute methanol intoxication as a result of illicit alcohol ingestion	Nephro-Urology Monthly 4.1 (2012): 366-371.	N	N/A	N/A	Epidemic acute methanol intoxication as a result of illicit alcohol ingestion
1737.	Urbanik, T., Boger, R.J., Longerich, T., Becker, K., Ehrenberg, K.R., Hövelmeyer, N., Hahn, M., Schuchmann, M., Jäger, D., Waisman, A., Wörns, M.A., Schulze-Bergkamen, H.	2012	Liver specific deletion of CYLDexon7/8 induces severe biliary damage, fibrosis and increases hepatocarcinogenesis in mice	J Hepatol (2012) Vol. 57(5), pp. 995-1003	N	N/A	N/A	Role of CYLD in homeostasis and hepato-carcinogenesis
1738.	Usman, J.	2010	Toxicity of methanol extract of <i>Tephrosia vocellii</i> F. (Hook) to the juveniles of African cat fish <i>Clarias gariepinus</i> , (Teugels)	International Journal of Pharmaceutical research and Development (2010) Vol. 2(9)	N	N/A	N/A	Toxicity of plant extracts to African catfish
1739.	Uzun, H., Kim, D., Karanfil, T.	2015	Seasonal and temporal patterns of NDMA formation potentials in surface waters	Water Res (2015) Vol. 69, pp. 162-72	N	N/A	N/A	Seasonal and temporal NDMA formation in surface water; no relevant endpoints investigated

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1740.	Valberg, P.A., Long, C.M.	2012	Do brain cancer rates correlate with ambient exposure levels of criteria air pollutants or hazardous air pollutants (HAPs)?	Air Quality, Atmosphere & Health (2012) Vol. 5(1), pp. 115-123	N	N/A	N/A	Correlation between brain cancer and air pollutant levels
1741.	Valizadeh, H., Gholipour, H., Shomali, A.	2012	Ionic liquid 1-(4-nitrobutyl)-3-methylimidazolium chloride as a new reagent for the efficient N-nitrosation of secondary amines under mild conditions	Monatshefte fuer Chemie (2012) Vol. 143(3), pp. 467-470	N	N/A	N/A	No relevant endpoints investigated
1742.	van der Walt, D.J., Goedhart, S., Gaylard, M.J.	2009	Periodic class II methanol masers in G9.62+0.20E	Monthly Notices of the Royal Astronomical Society 398.2 (Sep 11, 2009): 961-970	N	N/A	N/A	Light curves of methane masers in a star forming region
1743.	van Elteren, J.T., Slejkovec, Z., Kahn, M., Goessler, W.	2007	A systematic study on the extractability of arsenic species from algal certified reference material IAEA-140/TM (Fucus sp., Sea Plant Homogenate) using methanol/water extractant mixtures	Analytica Chimica Acta 585.1 (Feb 28, 2007): 24-31	N	N/A	N/A	Extractability of arsenic from an algal species
1744.	Van Gaal, T., Erwin, J.E.	2005	Diurnal variation in thigmotropic inhibition of stem elongation	HortTechnology (2005) Vol. 15(2), pp. 291-294	N	N/A	N/A	Investigation into stem elongation

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1745.	Van Hemel, B.M., Suurmeijer, A.J.	2013	Effective application of the methanol-based PreservCyt® fixative and the Cellient® automated cell block processor to diagnostic cytopathology, immunocytochemistry, and molecular biology	Diagn Cytopathol (2013) Vol. 41(8), pp. 734-41	N	N/A	N/A	Effective application of a fixative and automated cell block processor to diagnostic cytopathology, immunocytochemistry and molecular biology
1746.	Van Kaam, R., Rodriguez-Donis, I., Gerbaud, V.	2008	Heterogeneous extractive batch distillation of chloroform-methanol-water: Feasibility and experiments	Chemical Engineering Science 63.1 (Jan 2008): 78	N	N/A	N/A	Novel heterogeneous extractive distillation process
1747.	van Leeuwen, J.S., Vermeulen, N.P., Chris Vos, J.	2012	Yeast as a humanized model organism for biotransformation-related toxicity.	Curr Drug Metab (2012) Vol. 13(10), pp.1464-75	N	N/A	N/A	Use of yeast as a mode in drug safety
1748.	Van Wettère, A.J., Kullman, S.W., Hinton, D.E., Law, J.M.	2013	Immunohistochemical characterization of the hepatic progenitor cell compartment in Medaka (<i>Oryzias latipes</i>) following hepatic injury	Journal of Comparative Pathology (2013) Vol. 149(4), pp. 434-445	N	N/A	N/A	No relevant endpoints investigated
1749.	Van Wettère, A.J., Law, J.M., Hinton, D.E., Kullman, S.W.	2013	Anchoring hepatic gene expression with development of fibrosis and neoplasia in a toxicant-induced fish model of liver injury.	Toxicol Pathol (2013) Vol. 41(5), pp. 744-60	N	N/A	N/A	No relevant endpoints investigated

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1750.	Van Zelm, R., Stam, G., Huijbregts, M.A., van de Meent, D.	2013	Making fate and exposure models for freshwater ecotoxicity in life cycle assessment suitable for organic acids and bases	Chemosphere (2013) Vol. 90(2), pp. 312-7	N	N/A	N/A	Modelling freshwater fate and exposure factors
1751.	Van, N T V; Loc, L C; Tri, N; Cuong, H T	2015	Synthesis, characterisation, adsorption ability and activity of Cu,ZnO@UiO-66 in methanol synthesis	International Journal of Nanotechnology (Online) 12.5/7 (2015): 405-415.	N	N/A	N/A	Role of Cu,ZnO@UiO-66 in methanol synthesis
1752.	Van-Dal, É S; Bouallou, C	2013	Design and simulation of a methanol production plant from CO ₂ hydrogenation	Journal of cleaner production (Oct 15, 2013): 38-45.	N	N/A	N/A	Methanol production plant from CO ₂ hydrogenation
1753.	Vanz, A.L., Lunsdorf, J., Adnan, A., Nimtz, M., Gurramkonda, C., Khanna, N., Rinas, U.	2012	Physiological response of <i>Pichia pastoris</i> GS115 to methanol-induced high level production of the Hepatitis B surface antigen: catabolic adaptation, stress responses, and autophagic processes	Microb Cell Fact (2012) Vol. 11, pp. 103	N	N/A	N/A	Physiological response of <i>P. pastoris</i> to the Hepatitis B surface antigen
1754.	Vara-Castrodeza, A., Perez-Castrillon, J.L., Duenas-Laita, A.	2007	Magnetic resonance imaging in methanol poisoning	Clinical Toxicology (2007) Vol. 45(4), pp. 429-30	N	N/A	N/A	MRI in methanol poisoning

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1755.	Varsha, N., Suvana, B., Pratibha, V., Soni, M., Ashok, B.	2012	Replacement of acetonitrile by mixtures of propylene carbonate and methanol as organic modifier in mobile phases for RPLC separation mechanism: Application to the assay of alprazolam and sertraline in combined pharmaceutical formulations	Journal of Liquid Chromatography & Related Technologies (2012) Vol. 35(18), pp. 2643-2654	N	N/A	N/A	Use of solvents in RP-HPLC
1756.	Vasil'ev, A.A.	2014	Monofuel as a source of bifurcation properties of multifuel systems	Combustion, Explosion and Shock Waves (2014) Vol. 50(2), pp. 135-143	N	N/A	N/A	Parameters of detonation of monofuel components
1757.	Vavilin, V A	2010	Equation for isotope accumulation in products and biomass as a way to reveal the pathways in mesophilic methanol methanization by microbial community	Ecological Modelling 221.24 (2010): 2881-2886	N	N/A	N/A	Pathways in mesophilic methanol methanization by microbial community
1758.	Veena, J., Reddy, S.A.	2006	Effect of cycocel and alar on growth and flowering parameters in China aster (<i>Callistephus chinensis</i> L. Nees)	Journal of Ornamental Horticulture (2006) Vol. 9(1), pp. 71-72	N	N/A	N/A	Efficacy study
1759.	Veena, S., Rashmi, S.	2014	A review on mechanism of nitrosamine formation, metabolism and toxicity in vivo	International Journal of Toxicological and Pharmacological Research (2014) Vol. 6(4), pp. 86-96	N	N/A	N/A	Review of nitrosamine formation, metabolism and toxicity

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1760.	Vela, X.F., Henríquez, D.O., Zelaya, S.M., Granados, D.V., Hernández, M.X., Orantes, C.M.	2014	Chronic kidney disease and associated risk factors in two Salvadoran farming communities, 2012	MEDICC Rev (2014) Vol. 16(2), pp. 55-60	N	N/A	N/A	Chronic kidney disease and associated risk factors in Salvadoran farming communities
1761.	Velazquez-Palenzuela, A., Centellas, F., Garrido, J.A., Arias, C., Rodriguez, R.M., Brillas, E., Cabot, P-L.	2011	Kinetic analysis of carbon monoxide and methanol oxidation on high performance carbon-supported Pt-Ru electrocatalyst for direct methanol fuel cells	Journal of Power Sources 196.7 (Apr 1, 2011): 3503-3512	N	N/A	N/A	Kinetic analysis of carbon monoxide and methanol oxidation on electrocatalysts
1762.	Venkatesan, A.K., Pycke, B.F., Halden, R.U.	2014	Detection and occurrence of N-nitrosamines in archived biosolids from the targeted national sewage sludge survey of the U.S. Environmental Protection Agency	Environ Sci Technol (2014) Vol. 48(9), pp. 5085-92	N	N/A	N/A	Nitrosamine detection and occurrence in biosolids from US WWTP
1763.	Venkatesan, S., Shakila, A., Mohideen, M.K.	2004	Effect of growth retardants on the performance of triploid crossandra (<i>Crossandra undulaefolia</i>)	South Indian Horticulture (2004) Vol. 52(1/6), pp. 216-221	N	N/A	N/A	Efficacy study
1764.	Venugopalan R; Perumal P	2011	Phytochemical investigation and acute toxicity study of methanol extract of <i>Smilax zeylanica</i> Linn. leaves	Journal of Pharmacy Research 4.6 (2011): 1772-1774	N	N/A	N/A	Phytochemical effects and toxicity of plant extracts
1765.	Venugopalan R; Perumal P; Gaddam R; Rajavel, R	2012	Hepatoprotective and <i>in vivo</i> antioxidant activity of methanol extract of <i>Carica papaya</i> Linn. leaves on paracetamol induced liver damage in rats.	Journal of Pharmacy Research 5.6 (2012): 3085-3091.	N	N/A	N/A	Hepatoprotective and <i>in vivo</i> antioxidant activity of plant extracts

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1766.	Verdugo, E.M., Krause, C., Genskoe, K., Han, Y., Baltrusaitis, J., Mattes, T.E., Valentine, R.L., Cwierth, D.M.	2014	N-functionalized carbon nanotubes as a source and precursor of N-nitrosodimethylamine: implications for environmental fate, transport, and toxicity	Environ Sci Technol (2014) Vol. 48(16), pp. 9279-87	N	N/A	N/A	Carbon nanotubes as a source of NDMA during chemical disinfection
1767.	Vijayarathna, S., Sasidharan, S.	2012	Cytotoxicity of methanol extracts of <i>Elaeis guineensis</i> on MCF-7 and Vero cell lines	Asian Pac J Trop Biomed (2012) Vol. 2(10), pp. 826-829	N	N/A	N/A	Cytotoxicity of plant extracts
1768.	Villanueva, M.A.	2007	Electrotransfer of proteins in an environmentally friendly methanol-free transfer buffer	Analytical biochemistry 373.2 (Aug 10, 2007): 377-9	N	N/A	N/A	Electrotransfer of proteins
1769.	Villegas, M., Vidaurre, E.F.C., Habert, A.C., Gottifredi, J.C.	2011	Sorption and pervaporation with poly(3-hydroxybutyrate) membranes: methanol/ methyl tert-butyl ether mixtures	Journal of membrane science 367.1-2 (Feb 1, 2011): 103-109	N	N/A	N/A	Sorption and pervaporation with poly(3-hydroxybutyrate) membranes
1770.	Vipin, P S; Johannah, N M; Menon, S; Lawrence, L; Indu, M S; Padikkala, J	2015	Study of antioxidant and anti-inflammatory activities of methanol extract of <i>Desmodium gyrans</i> (DC).	Journal of Chemical and Pharmaceutical Research 7.9 (2015): 227-234.	N	N/A	N/A	Antioxidant and anti-inflammatory activities of plant extracts
1771.	Vishnivetskaya, T.A., Brandt, C.C., Madden, A.S., Drake, M.M., Kostka, J.E., Akob, D.M., Kusel, K., Palumbo, A.V.	2010	Microbial community changes in response to ethanol or methanol amendments for U(VI) reduction	Appl Environ Microbiol (2010) Vol. 76(17), pp. 5728-35	N	N/A	N/A	Microbial community changes in response to ethanol or methanol; no relevant endpoints investigated

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1772.	Vishwanathan, V., Balakrishna, G., Rajesh, B., Jayasri, V., Sikhivihilu, L.M., Coville, N.J.	2008	Alkylation of catechol with methanol to give guaiacol over sulphate-modified zirconia solid acid catalysts: the influence of structural modification of zirconia on catalytic performance	Catalysis Communications 9.14 (2008): 2422-2427	N	N/A	N/A	Synthesis of sulphated zirconia catalysts were synthesized
1773.	Vodovar, D., Marcadé, G., Rousseau, H., Raskine, L., Vicaut, E., Deye, N., Baud, F.J., Mégarbane, B.	2014	Predictive factors for extended-spectrum beta-lactamase producing Enterobacteriaceae causing infection among intensive care until patients with prior colonization	Infection (2014) Vol. 42(4), pp. 743-8	N	N/A	N/A	Predictive factors for bacterial infection in ICU patients
1774.	Voukeng, I.K., Kuete, V., Dzoyen, J.P., Fankam, A.G., Noumedem, J.A., Kuiate, J.R., Pages, J.M.	2012	Antibacterial and antibiotic-potential activities of the methanol extract of some cameroonian spices against Gram-negative multi-drug resistant phenotypes	BMC Res Notes (2012) Vol. 5, pp. 299	N	N/A	N/A	Antibacterial and antibiotic activities of plant extracts
1775.	Voulgaridou, G.P., Anestopoulos, I., Franco, R., Panayiotidis, M.I., Pappa, A.	2011	DNA damage induced by endogenous aldehydes: Current state of knowledge	Mutation Research (2011) Vol. 711(1-2), pp. 13-27	N	N/A	N/A	DNA damage induced by endogenous aldehydes
1776.	Vresk, I., Moric, S., Bujan, M.	2004	Effect of growth retardant to flowering perennials genus Aster in cultivation as pot plant	Glasnik Zastite Bilja (2004) Vol. 27(6), pp. 37-38	N	N/A	N/A	Efficacy study

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1777.	Vrsek, I., Moric, S., Bujan, M.	2004	The effect of a growth retardant on flowering of perennials belonging to Aster genera grown as pot plants	Glasnik Zastite Bilja (2004) Vol. 27(6), pp. 34-36	N	N/A	N/A	Efficacy study
1778.	Vrsek, I., Poljak, M., Karlovic, K.	2004	Influence of growth regulators on the growth and flowering of Solidago .times. hybrida	Glasnik Zastite Bilja (2004) Vol. 27(6), pp. 11-18	N	N/A	N/A	Efficacy study
1779.	Vrsek, I., Židovec, V., Čoga, L.	2007	Influence of the photoperiod, daminozide application and fertilization on New England aster	Cereal Research Communications (2007) Vol. 35(2), pp. 1321-1324	N	N/A	N/A	Influence of photoperiod, PGRs and fertilisers on New England aster
1780.	Vrsek, I., Židovec, V., Poje, M., Coga, L.	2006	Influence of the photoperiod and growth retardant on the growth and flowering of New England aster	Acta Horticulturae (2006) Vol. 711, pp. 301-306	N	N/A	N/A	Influence of photoperiod and PGRs on New England aster
1781.	Waag, D.M., England, M.J., Bolt, C.R., Williams, J.C.	2008	Low-dose priming before vaccination with the phase I chloroform-methanol residue vaccine against Q fever enhances humoral and cellular immune responses to Coxiella burnetii	Clinical and vaccine immunology : CVI 15.10 (Oct 2008): 1505-12	N	N/A	N/A	Development of a vaccine against Q fever
1782.	Walton, R.G., Mote, W.C.	2015	Dietary methanol and autism	Medical Hypotheses (2015) Vol. 85(4), pp. 441-446	N	N/A	N/A	Dietary methanol and autism

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1783.	Wambaugh, F.F., Setzer, R.W., Reif, D.M., Gangwal, S., Mitchell-Blackwood, J., Arnot, J.A., Joliet, O., Frame, A., Rabinowitz, J., Knudsen, T.B., Judson, R.S., Egeghy, P., Vallero, D., Cohen Hubal, E.A.	2013	High-throughput models for exposure-based chemical prioritization in the ExpoCast project	Environmental Science & Technology (2013) Vol. 47(15), pp. 8479-8488	N	N/A	N/A	Assessment of models for chemical prioritisation
1784.	Wan, B., Small, G.W.	2008	Airborne passive Fourier transform infrared remote sensing of methanol vapor from industrial emissions	Analyst (2008) Vol. 133, pp. 1776-1784	N	N/A	N/A	Analytical detection of methanol from industrial emissions
1785.	Wang, B; Wen, Y; Huang, W	2013	The dehydration of methanol to dimethyl ether over a novel solid acid-base catalyst	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects 35.17 (2013): 1590-1596.	N	N/A	N/A	Dehydration of methanol to dimethyl ether
1786.	Wang, C., Groenzin, H., Shultz, M.J.	2005	Comparative study of acetic acid, methanol, and water adsorbed on anatase TiO ₂ probed by sum frequency generation spectroscopy	Journal of the American Chemical Society 127.27 (Jul 13, 2005): 9736-44	N	N/A	N/A	Adsorption of chemicals on anatase TiO ₂
1787.	Wang, C., Zhang, X., Wang, J., Chen, C.	2012	Detecting N-nitrosamines in water treatment plants and distribution systems in China using ultra-performance liquid chromatography-tandem mass spectrometry	Frontiers of Environmental Science & Engineering (2012) Vol. 6(6), pp. 770-777	N	N/A	N/A	Analytical method for detection of nitrosamines in water

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1788.	Wang, C., Zhang, X., Wang, J., Chen, C.	2013	Characterization of dissolved organic matter as N-nitrosamine precursors based on hydrophobicity, molecular weight and fluorescence	Journal of Environmental Sciences (2013) Vol. 25(1), pp. 85-95	N	N/A	N/A	Identification of nitrosamine precursors from bulk organic matter
1789.	Wang, C., Zhang, X., Wang, J., Liu, S., Chen, C., Xie, Y.	2013	Effects of organic fractions on the formation and control of N-nitrosamine precursors during conventional drinking water treatment processes	Sci Total Environ (2013) Vol. 449, pp. 295-301	N	N/A	N/A	Effect of dissolved organic matter on nitrosamine formation in water
1790.	Wang, C.H., Pan, K.L., Ueng, G.J., Kung, L.J., Yang, J.Y.	2013	Burning behaviors of collision-merged water/diesel, methanol/diesel, and water+methanol/diesel droplets	Fuel (Apr 2013): 204-211.	N	N/A	N/A	Burning behaviors of water/diesel, methanol/diesel, and water+ methanol/diesel droplets
1791.	Wang, F; Xie, F; Xue, X; Wang, Z; Fan, B; Ha, Y	2011	Structure elucidation and toxicity analyses of the radiolytic products of aflatoxin B1 in methanol-water solution	Journal of hazardous materials 192.3 (Sep 15, 2011): 1192-202.	N	N/A	N/A	Elucidation and toxicity analyses of the radiolytic products of aflatoxin B1
1792.	Wang, G; Zhuang, J; Zhou, M	2011	Matrix isolation infrared spectroscopic and theoretical study of the reactions of tantalum oxide molecules with methanol	The journal of physical chemistry. A 115.31 (Aug 11, 2011): 8623-9.	N	N/A	N/A	Reactions of tantalum oxide molecules with methanol
1793.	Wang, H., Du, J., Yao, Z., Yue, R., Zhai, C., Jiang, F., Du, Y., Wang, C., Yang, P.	2013	Facile fabrication, characterization of Pt-Ru nanoparticles modified reduced graphene oxide and its high electrocatalytic activity for methanol electrooxidation	Colloids and Surfaces A: Physicochemical and Engineering Aspects (2013) Vol. 436, pp. 57-61	N	N/A	N/A	Facile fabrication, characterization of Pt-Ru nanoparticles

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1794.	Wang, H.Z., Meng, W.X., Wang, N., Wang, B.	2005	Research and development of grass turf - maintenance and management	Pratacultural Science (2005) Vol. 22(1), pp. 86-90	N	N/A	N/A	Maintenance and management of grass turf
1795.	Wang, J., Krudy, G., Hou, T., Zhang, W., Holland, G., Xu, X.	2007	Development of reliable aqueous solubility models and their application in druglike analysis	J Chem Inf Model (2007) Vol. 47(4), pp. 1395-404	N	N/A	N/A	Development of aqueous solubility models
1796.	Wang, J., Zhang, Z.Z., Ye, C.M., Liang, Y., Zhang, H.	2006	Estrogenic effects of gasoline-fueled vehicle exhausts and methanol-fueled vehicle exhausts	Sichuan Da Xue Xue Bao Yi Xue Ban (2006) Vol. 37(2), pp. 292-4	N	N/A	N/A	Estrogenic effects of vehicle exhausts
1797.	Wang, J.H., Wang, J., Choi, M.K., Gao, F., Lee, D.S., Han, J.M., Son, C.G.	2013	Hepatoprotective effect of Amomum xanthoides against dimethylnitrosamine-induced sub-chronic liver injury in a rat model	Pharm Biol (2013) Vol. 51(7), pp. 930-5	N	N/A	N/A	Evaluation of hepatoprotective effects and related mechanisms of <i>A. xanthoides</i>
1798.	Wang, L., Li, Y., He, G.	2014	Degradation of typical N-nitrosodimethylamine (NDMA) precursors and its formation potential in anoxic-aerobic (AO) activated sludge system	Journal of Environmental Science and Health. Part A, Toxic/Hazardous Substances & Environmental Engineering (2014) Vol. 49(140), pp. 1727-39	N	N/A	N/A	Degradation of NDMA precursors and its formation potential in an activated sludge system
1799.	Wang, L., Li, Y., Shang, X., Shen, J.	2014	Occurrence and removal of N-nitrosodimethylamine and its precursors in wastewater treatment plants in and around Shanghai	Frontiers of Environmental Science & Engineering (2014) Vol. 8(4), pp. 519-530	N	N/A	N/A	Occurrence and removal of NDMA and precursors in WWTP In Shanghai
1800.	Wang, L., Wang, X., Wang, L., Chiu, J.D., van de Ven, G., Gaarde, W.A., Deleve, L.D.	2012	Hepatic vascular endothelial growth factor regulates recruitment of rat liver sinusoidal endothelial cell progenitor cells	Gastroenterology (2012) Vol. 143(6), pp. 555-1563	N	N/A	N/A	No relevant endpoints investigated

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1801.	Wang, L., Zhao, Y., Wen, J., Zhang, J.	2013	Mechanisms and kinetics of hydrogen abstraction of methylhydrazine and deuterated methylhydrazine with H/D atoms	Theor Chem Acc (2013) Vol. 132, pp. 1321	N	N/A	N/A	Mechanisms and kinetics of hydrogen abstraction of methyl-hydrazine and deuterated methyl-hydrazine
1802.	Wang, M., Jiang, E., Li, B., Zhang, Q., Xu, X., Liu, M., Zhou, L.	2012	Study on continuous pyrolysis of rice husk	Taiyangneng Xuebao (2012) Vol. 33(1), pp. 168-172	N	N/A	N/A	Continuous pyrolysis of rice husk
1803.	Wang, M., Song, X., Yang, Q., Hua, H., Dai, S., Hu, C., Wei, D.	2015	Pt nanoparticles supported on graphene three-dimensional network structure for effective methanol and ethanol oxidation	Journal of Power Sources (2015) Vol. 273, pp. 624-630	N	N/A	N/A	Pt nanoparticles for effective methanol oxidation
1804.	Wang, Q., Hu, X., Fan, X.X., Duan, X.M., Huang, M.J., Fan, G.S., Deng, L.L.	2006	A study on tissue culture of <i>Leucadendron floridum</i>	Acta Agriculturae Universitatis Jiangxiensis (2006) Vol. 28(5), pp. 665-668	N	N/A	N/A	Tissue culture of <i>L. floridum</i>
1805.	Wang, Q., Wei, A., Zhao, X., Zhang, S.	2009	Novel metal oxide support with water activation ability for use in direct methanol fuel cell	Chinese Journal of Chemistry (2009) Vol. 27(9), pp. 1649-1656	N	N/A	N/A	Novel metal oxides for use in direct methanol fuel cells
1806.	Wang, R., Ma, L.Z., Tian, R., Fang, C.F.	2014	Inhibitory effect of three plant extraction on formation of N-nitrosodimethylamine	Food Research and Development (2014) Vol. 35(2), pp. 12-16	N	N/A	N/A	Inhibition of NDMA formation by plant extracts
1807.	Wang, R.A.	2014	MTA1-a stress response protein: a master regulator of gene expression and cancer cell behavior	Cancer Metastasis Rev (2014) Vol. 33(4), pp. 1001-9	N	N/A	N/A	Role of MTA-1 protein in carcinogenesis and metastasis

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1808.	Wang, S., Zhang, H., Zheng, W., Wang, X., Andersen, M.E., Pi, J., He, G., Qu, W.	2013	Organic extract contaminants from drinking water activate Nrf2-mediated antioxidant response in a human cell line	Environ Sci Technol (2013) Vol. 47(9), pp. 4768-77	N	N/A	N/A	Methodology for determining the toxicity of organic contaminants in drinking water
1809.	Wang, W., Huang, Y., Yu, J., Pan, F.	2013	Study on different disinfection by-products formed in drinking water treatment processes	Shuichuli Jishu (2013) Vol. 39(6), pp. 37-40, 44	N	N/A	N/A	Formation of disinfection by-products formed in drinking water treatment processes
1810.	Wang, W; Li, Y; Zhang, X; Fang, W; Yang, Y	2015	Catalytic synthesis of methanethiol from methanol and carbon disulfide over KW/Al ₂ O ₃ catalysts	Catalysis Communications 69 (2015): 104-108.	N	N/A	N/A	Catalytic synthesis of methanethiol from methanol and carbon disulfide
1811.	Wang, W-W., Ma, Q-Y., Zhu, J-Y., Gu, D-Z.	2009	In vitro rapid propagation system and in vitro germplasm preservation of <i>Rhododendron schlippenbachii</i> Maxim	Zhiwu Yanjiu (2009) Vol. 29(2), pp. 198-203	N	N/A	N/A	Propagation and germplasm preservation of <i>R. schlippenbachii</i>
1812.	Wang, X., Jiang, L., Wang, P., Zhao, H.	2013	Hazard analysis and prevention of N-nitrosamine in salted aquatic products	Anhui Nongye Kexue (2013) Vol. 41(3), pp. 1271-1272	N	N/A	N/A	Nitrosamines in salted aquatic products
1813.	Wang, X.G., Wu, H.X., Shen, L.T., Tian, Y.Q., Xu, H.H.	2010	Insecticidal activity of 42 species of medical plant methanol extracts against <i>Aedes albopictus</i>	Journal of South China Agricultural University 31.3 (2010): 40-42	N	N/A	N/A	Efficacy study

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1814.	Wang, Y., He, Q., Guo, J., Wei, H., Ding, K., Lin, H., Bhana, S., Huang, X., Luo, Z., Shen, T.D., Wei, S., Guo, Z.	2015	Carboxyl multiwalled carbon-nanotube-stabilized palladium banocatalysts toward improved methanol oxidation reaction	ChemElectroChem 2.4 (2015): 559-570.	N	N/A	N/A	Nanocatalysts toward improved methanol oxidation reaction
1815.	Wang, Y., Li, F., Zhuang, H., Chen, X., Li, L., Qiao, W., Zhang, J.	2015	Effects of plant polyphenols and α -tocopherol on lipid oxidation, residual nitrites, biogenic amines, and N-nitrosamines formation during ripening and storage of dry-cured bacon	LWT – Food Science and Technology (2015) Vol. 60(1), pp. 199-206	N	N/A	N/A	Effects of plant polyphenols and α -tocopherol on lipid oxidation, residual nitrites, biogenic amines, and nitrosamine formation in bacon
1816.	Wang, Y., Wang, X., Li, C.M.	2010	Electrocatalysis of Pd-Co supported on carbon black or ball-milled carbon nanotubes towards methanol oxidation in alkaline media	Applied Catalysis B: Environmental (2010) Vol. 99(1-2), pp. 229-234	N	N/A	N/A	Electrocatalysis of methanol oxidation in alkaline media
1817.	Wang, Y.H., Wong, P.K.	2005	Determination of dichloroacetic acid and trichloroacetic acid in drinking water by acidic methanol esterification and headspace gas chromatography	Water Res (2005) Vol. 39(9), pp. 1844-8	N	N/A	N/A	Analytical detection of dichloroacetic acid and trichloroacetic acid in water
1818.	Wang, Y.H., Zhao, C.X., Chen, B.M., He, M., Liu, L.Q., Li, C.Y., Chen, X.	2014	Reverse effect of Yinchenhao decoction in dimethyl nitrosamine-induced hepatic fibrosis in rats	Zhongguo Zhong Yao Za Zhi (2014) Vol. 39(8), pp. 1473-8	N	N/A	N/A	Reverse effects of YCHD on hepatic fibrosis

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1819.	Wang, Y.X., Zhou, H.J., Sun, P.C., Chen, T.H.	2014	Exceptional methanol electro-oxidation activity by bimetallic concave and dendritic Pt-Cu nanocrystals catalysts	Journal of Power Sources (2014) Vol. 245, pp. 663-670	N	N/A	N/A	Exceptional methanol electro-oxidation activity by catalysts
1820.	Wang, Z.B., Shao, Y.Y., Zuo, P.J., Wang, X.P., Yin, G.P.	2008	Durability studies of unsupported Pt cathodic catalyst with working time of direct methanol fuel cells	Journal of Power Sources 185.2 (Dec 1, 2008): 1066-1072	N	N/A	N/A	Life tests of direct methanol fuel cells
1821.	Wang, Z.Y., Du, Y.Q., Qin, Y.Z., Chen, J.F., Quan, Z.M.	2009	Molluscicidal activity of methanol extracts of <i>Jatropha curcas</i> leaves against <i>Ampullaria gigas</i>	Nan Fang Yi Ke Da Xue Xue Bao (2009) Vol. 29(6), pp. 1235-7	N	N/A	N/A	Molluscicidal activity of plant extracts
1822.	Watson, K., Shaw, G., Leusch, F.D., Knight, N.L.	2012	Chlorine disinfection by-products in wastewater effluent: Bioassay based assessment of toxicological impact	Water Res (2012) Vol. 46(18), pp. 6069-83	N	N/A	N/A	Nitrosamines in chlorinated effluent of wastewater treatment plants
1823.	Webster, T.S., Condee, C., Hatzinger, P.B.	2013	Ex situ treatment of N-nitrosodimethylamine (NDMA) in groundwater using a fluidized bed reactor	Water Res (2013) Vol. 47(2), pp. 811-20	N	N/A	N/A	Use of FBR to treat NDMA in water
1824.	Wei, C., Yu, C., Yen, P., Lin, H., Chang, S., Hsu, F., Liao, V.H.	2014	Antioxidant activity, delayed aging, and reduced amyloid- β toxicity of methanol extracts of tea seed pomace from <i>Camellia tenuifolia</i>	Journal of agricultural and food chemistry 62.44 (Nov 5, 2014): 10701-7.	N	N/A	N/A	Antioxidant activity of plant extracts
1825.	Wei, P., Xia, W., Li, J., Long, H., Chen, J., Li, T., Fan, M.	2015	Single-phase Ni ₃ Sn alloy alkali-leached for hydrogen production from methanol decomposition	Renewable Energy 78 (Jun 1, 2015): 357-363.	N	N/A	N/A	Hydrogen production from methanol decomposition

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1826.	Wei, P., Yu, B.	2014	Roles of methanol on plants and its physiological mechanisms.	Acta Botanica Boreali-Occidentalia Sinica 34.2 (2014): 416-422.	N	N/A	N/A	Roles of methanol on plants and its physiological mechanisms
1827.	Wei, Y.C., Liu, C.W., Chang, W.J., Wang, K.W.	2011	Promotion of Pt-Ru/C catalysts driven by heat treated induced surface segregation for methanol oxidation reaction	Journal of Alloys and Compounds (2011) Vol. 509(2), pp. 535-541	N	N/A	N/A	Promotion of Pt-Ru/C catalysts for methanol oxidation
1828.	Weidhaas, J.L., Zigmond, M.J., Dupont, R.R.	2012	Aerobic biotransformation of N-nitrosodimethylamine and N-nitrodimethylamine by benzene-, butane-, methane-, propane-, and toluene-fed cultures	Bioremediation Journal (2012) Vol. 16(2), pp. 74-85	N	N/A	N/A	Biotransformation of NDMA by cultures enriched with contaminated groundwater
1829.	Wen, J., Tian, Y., He, H., Wang, L.	2013	Theoretical study on the reaction of atomic oxygen with unsymmetrical dimethylhydrazine	Canadian Journal of Chemistry (2013) Vol. 91(5), pp. 315-319	N	N/A	N/A	Reaction of atomic oxygen with UDMH
1830.	Wen-Jie, S., Ichihashi, Y., Matsumura, Y.	2005	Low temperature methanol synthesis from carbon monoxide and hydrogen over ceria supported copper catalyst	Applied Catalysis A: General 282.1/2 (2005): 221-226	N	N/A	N/A	Methanol synthesis from carbon monoxide and hydrogen
1831.	Wert, E.C., Rosario-Ortiz, F.L.	2013	Intracellular organic matter from cyanobacteria as a precursor for carbonaceous and nitrogenous disinfection byproducts	Environmental Science & Technology (2013) Vol. 47(12), pp. 6332-6340	N	N/A	N/A	Intracellular organic matter as a precursor for carbonaceous and nitrogenous disinfection byproducts

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1832.	Whipker, B.E., McCall, I., Buhler, W., Krug, B.	2011	Flurprimidol preplant soaks and substrate drenches control excessive growth of forced bulbs	Acta Horticulturae (2011) Vol. 886 (Proceedings of the 10th International Symposium on Flower Bulbs and Herbaceous Perennials, 2008), pp. 383-389	N	N/A	N/A	Efficacy study
1833.	Whipker, B.E., McCall, I., Gibson, J.L., Cavins, T.J.	2004	Flurprimidol foliar sprays and substrate drenches control growth of 'Pacino' pot sunflowers	HortTechnology (2004) Vol. 14(3), pp. 411-414	N	N/A	N/A	Efficacy study
1834.	Widyawati, T; Yusoff, N A; Asmawi, M Z; Ahmad, M	2015	Antihyperglycemic effect of methanol extract of <i>Syzygium polyanthum</i> (Wight.) leaf in streptozotocin-induced diabetic rats	Nutrients 7.9 (Sep 14, 2015): 7764-80.	N	N/A	N/A	Antihyperglycemic effect of plant extract in rats
1835.	Wijaya, W Y; Kawasaki, S; Watanabe, H; Okazaki, K	2012	Damköhler number as a descriptive parameter in methanol steam reforming and its integration with absorption heat pump system	Applied Energy 94 (Jun 1, 2012): 141-147.	N	N/A	N/A	Reaction kinetics of methanol steam reforming
1836.	Wijekoon, K.C., Fujioka, T., McDonald, J.A., Khan, S.J., Hai, F.I., Price, W.E., Nghiem, L.D.	2013	Removal of N-nitrosamines by an aerobic membrane bioreactor	Bioresour Technol (2013) Vol. 141, pp. 41-5	N	N/A	N/A	Investigation into the fate of nitrosamines during MBR treatment

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1837.	Wilkerson, J.L., Gentry, K.R., Dengler, E.C., Wallace, J.A., Kerwin, A.A., Armijo, L.M., Kuhn, M.N., Thakur, G.A., Makriyannis, A., Milligan, E.D.	2012	Intrathecal cannabidiol (CB(2)R agonist, AM1710, controls pathological pain and restores basal cytokine levels	Pain (2012) Vol. 153(5), pp. 1091-106	N	N/A	N/A	No relevant endpoints investigated
1838.	Williams, M., Page, D., Shareef, A., Toze, S., Bartkow, M., Kookana, R.	2014	Determination of attenuation rates of recycled water disinfection by-products in a natural reservoir system using a laboratory-based approach	Water and Environment Journal (2014) Vol. 28(3), pp. 358-364	N	N/A	N/A	Attenuation rates of recycled water disinfection byproducts in a natural reservoir system
1839.	Wilson, K.R., Cavalleri, M., Rude, B.S., Schaller, R.D., Catalano, T., Nilsson, A., Saykally, R.J., Pettersson, L.G.M.	2005	X-ray absorption spectroscopy of liquid methanol microjets: bulk electronic structure and hydrogen bonding network	The journal of physical chemistry. B 109.20 (May 26, 2005): 10194-203	N	N/A	N/A	X-ray absorption spectroscopy of liquid methanol microjets
1840.	Woelkerling, W.J., Granier, B., Dias-Brito, D.	2014	Heydrichia (?) poignantii, sp. nov. (Sporolithaceae, Sporolithales, Rhodophyta), a 100 million year old fossil coralline red alga from north-eastern Brazil, and a new Hauterivian record of Sporolithon from Switzerland	Carnets de Géologie (2014) Vol. 14(7), pp. 139-158	N	N/A	N/A	Description of fossils

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1841.	Wols, B.A., Vries, D.	2012	On a QSAR approach for the prediction of priority compound degradation by water treatment processes	Water Res (2012) Vol. 66(7), pp. 1446-53	N	N/A	N/A	Use of QSARs for predicting compound degradation in water treatment processes
1842.	Wong, C.S., Yin, W.F., Sam, C.K., Koh, C.L., Chan, K.G.	2012	Characterization of wetland quorum quenching <i>Pseudomonas aeruginosa</i> strain 2SW8 and its 2-heptyl-3-hydroxy-4-quinolone production	New Microbol (2012) Vol. 35(1), pp. 43-51	N	N/A	N/A	Isolation of quorum quenching bacterial strain
1843.	Wonkchalee, N., Boonmars, T., Aromdee, C., Laummaunwai, P., Khunkitti, W., Vaeteewoottacharn, K., Sriraj, P., Aukkanimart, R., Loilome, W., Chamgramol, Y., Pairojkul, C., Wu, Z., Juasook, A., Sudsarn, P.	2012	Anti-inflammatory, antioxidant and hepatoprotective effects of <i>Thunbergia laurifolia</i> Linn. on experimental opisthorchiasis	Parasitol Res (2012) Vol. 111(1), pp. 353-9	N	N/A	N/A	Anti-inflammatory, antioxidant and hepatoprotective effects of <i>T. laurifolia</i>

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1844.	Wonkchalee, N., Boonmars, T., Laummaunwai, P., Aromdee, C., Hahnvajjanawong, C., Wu, Z., Sriraj, P., Aukkanimart, R., Chamgramol, Y., Pairojkul, C., Juasook, A., Sudsarn, P.	2013	A combination of praziquantel and the traditional medicinal plant <i>Thunbergia laurifolia</i> on <i>Opisthorchis viverrini</i> infection and cholangiocarcinoma in a hamster model	Parasitol Res (2013) Vol. 112(12), pp. 4211-9	N	N/A	N/A	Treatment of cholangio-carcinoma
1845.	Woo, Y.S., Yoon, S.J., Lee, H.K., Lee, C.U., Chae, J.H., Lee, C.T., Kim, D.J.	2005	Concentration changes of methanol in blood samples during an experimentally induced alcohol hangover state	Addict Biol (2005) Vol. 10(4), pp. 351-5	N	N/A	N/A	Methanol blood concentrations in an hangover state
1846.	Wragg, D.S., Johnsen, R.E., Norby, P., Fjellvåg, H.	2010	The adsorption of methanol and water on SAPO-34: in situ and ex situ X-ray diffraction studies	Microporous and Mesoporous Materials 134.1-3 (2010): 195-202	N	N/A	N/A	The adsorption of methanol and water on SAPO-34
1847.	Wrobel, S., Robak, B.	2011	Response of new potato cultivars to dates of tubers breaking dormancy for the purposes of post harvest virus tests	Fragmenta Agronomica (2011) Vol. 28(3), pp. 120-128	N	N/A	N/A	Use of PGRs to break dormancy in potatoes
1848.	Wu, C., Qu, J., Elliott, J., Yu, K.M.K., Tsang, S.C.E.	2013	Hydrogenolysis of ethylene glycol to methanol over modified RANEY® catalysts	PCCP 15.23 (Jun 21, 2013): 9043-50.	N	N/A	N/A	Hydrogenolysis of ethylene glycol to methanol
1849.	Wu, C.R., Hseu, Y.C., Lien, J.C., Lin, L.W., Lin, Y.T., Ching, H.	2010	Triterpenoid contents and anti-inflammatory properties of the methanol extracts of Ligustrum species leaves	Molecules (2010) Vol. 16(91), pp. 1-15	N	N/A	N/A	Triterpenoid contents and anti-inflammatory properties of plant extracts

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1850.	Wu, H; Zhang, H; Chen, P; Guo, J; Yuan, T; Zheng, J; Yang, H	2014	Integrated anode structure for passive direct methanol fuel cells with neat methanol operation	Journal of Power Sources 248 (2014): 1264-1269.	N	N/A	N/A	Integrated anode structure for passive direct methanol fuel cells
1851.	Wu, K; Chen, Q; Xiao, S; Tan, H; Wang, Q; Zhao, Y; Wu, W; Li, K; Yu, Y; Chen, L	2013	cDNA microarray analysis of transcriptional responses to foliar methanol application on Tamba Black Soybean Plants grown on acidic soil	Plant molecular biology reporter 31.4 (Aug 2013): 862-876.	N	N/A	N/A	Methanol enhanced growth of Tamba Black soybean
1852.	Wu, M., Qian, Y., Boyd, J.M., Leavey, S., Hrudey, S.E., Krasner, S.W., Li, X-F.	2014	Identification of tobacco-specific nitrosamines as disinfection byproducts in chloraminated water	Environ Sci Technol (2014) Vol. 48(3), pp. 1828-1834	N	N/A	N/A	Analytical detection of tobacco-specific nitrosamines in water
1853.	Wu, M.C., Jiang, C.M., Ho, Y.Y., Shen, S.C., Chang, H.M.	2007	Convenient quantification of methanol in juices by methanol oxidase in combination with basic fuchsin	Food Chemistry 100.1 (2007): 412-418	N	N/A	N/A	Analytical detection of methanol in foodstuffs
1854.	Wu, M.R.	2013	Virulence evaluation of biological pesticides and plant growth regulators to silkworm	Acta Agriculturae Jiangxi (2013) Vol. 25(5), pp. 57-60	N	N/A	N/A	Efficacy study
1855.	Wu, Q., Shi, H., Ma, Y., Adams, C., Eichholz, T., Timmons, T., Jiang, H.	2014	Determination of secondary and tertiary amines as N-nitrosamine precursors in drinking water system using ultra-fast liquid chromatography-tandem mass spectrometry	Talanta (2015) Vol. 131, pp. 736-41	N	N/A	N/A	Analytical detection of nitrosamine precursors in water

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1856.	Wu, Q.X., An, L., Yan, X.H., Zhao, T.S.	2014	Effects of design parameters on the performance of passive direct methanol fuel cells fed with concentrated fuel	Electrochimica Acta 133 (2014): 8-15.	N	N/A	N/A	Performance of passive direct methanol fuel cells
1857.	Wu, Q.X., Zhao, T.S., Chen, R. An, L.	2013	A sandwich structured membrane for direct methanol fuel cells operating with neat methanol	Applied Energy 106 (Jun 1, 2013): 301-306.	N	N/A	N/A	Membrane for direct methanol fuel cells
1858.	Wu, S; Cheng, Z; Liu, P; Luo, W; Zhou, Z	2015	Discrimination of methanol desorption resistance relative to the reaction steps in presence of supercritical n-hexane	Chemical Engineering & Biotechnology Abstracts (1995 - current)	N	N/A	N/A	Effects of supercritical fluids on product desorption
1859.	Wu, X.J., Choi, M.M., Chen, C.S., Wu, X.M.	2007	On-line monitoring of methanol in n-hexane by an organic-phase alcohol biosensor	Biosens Bioelectron (2007) Vol. 22(7), pp. 1337-44	N	N/A	N/A	Monitoring of methanol in n-hexane
1860.	Wu, Y., Li, B., Zhu, P., Hu, H.	2011	Effect of plant growth regulator on flowering and endogenous hormones of <i>Rhododendron hybridum</i>	Acta Horticulturae Sinica (2011) Vol. 38(8), pp. 1565-1571	N	N/A	N/A	Efficacy study
1861.	Wu, Y., Qi, X., Gong, L., Xing, G., Chen, M., Miao, L., Yao, J., Suzuki, T., Furihata, C., Luan, Y., Ren, J.	2012	Identification of BC005512 as a DNA damage responsive murine endogenous retrovirus of GLN family involved in cell growth regulation	PLoS One (2012) Vol. 7(4):e35010	N	N/A	N/A	Expression of an unknown gene by genotoxins
1862.	Wu, Y.Y., Liu, F.J., Li, L.H., Yang, X.Q., Deng, J.C., Chen, S.J., Ma, H.X.	2012	Determination and optimization of N-nitrosamines in salted fish by gas chromatography-mass spectrometry	South China Fisheries Science (2012) Vol. 8(4), pp. 16-22	N	N/A	N/A	Analytical detection of nitrosamines in foodstuffs

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1863.	Xia, B., Fan, C., Wang, X., Wang, I., Cao, Y.	2012	Determination of nitrosodimethylamine in water by high performance liquid chromatogram	Xiandai Yiqi (2012) Vol. 18(2), pp. 69-71	N	N/A	N/A	Analytical method for the detection of NDMA in water
1864.	Xia, B., Wang, L., Liu, Y.	2012	Experimental study on combined process of EOW and MBR for treatment of UDMH wastewater	Advanced Materials Research (2012) Vol. 343-344, No. Pt. 1, Materials for Environmental Protection and Energy Application, pp. 303-306	N	N/A	N/A	Treatment of UDMH wastewater
1865.	Xiao, C-H., Gu, W-W., Zhang, J-N., Chen, G-Q., Huang, S-F., Yang, M., Chen, D-C., Chen, J., Xiao, D.	2007	Methanol extract of <i>Celastrus orbiculatus</i> suppresses synovial hyperplasia and cartilage erosion and degradation in rheumatoid arthritis	Journal of Southern Medical University 27.7 (2007): 945-950	N	N/A	N/A	Plant extract effects on rheumatoid arthritis
1866.	Xiao, J; Mao, D; Guo, X; Yu, J	2015	Effect of TiO ₂ , ZrO ₂ , and TiO ₂ -ZrO ₂ on the performance of CuO-ZnO catalyst for CO ₂ hydrogenation to methanol	Applied Surface Science 338 (2015): 146-153.	N	N/A	N/A	Performance catalysts for CO ₂ hydrogenation to methanol
1867.	Xiao, X.F., Liu, M.Y.	2008	Effects of different plant growth regulators on yield and quantity of potato minituber	Chinese Potato Journal (2008) Vol. 22(1), pp. 14-16	N	N/A	N/A	Efficacy study
1868.	Xiao, Y., Xiang, Y., Xiu, R., Lu, S.	2013	Development of cesium phosphotungstate salt and chitosan composite membrane for direct methanol fuel cells	Carbohydrate Polymers (2013) Vol. 98(1), pp. 233-240	N	N/A	N/A	Development of a novel composite membrane for direct methanol fuel cells
1869.	Xie, H., Tao, Y., Lv, J., Liu, P., Liu, C.	2013	Proteomic analysis of the effect of fuzheng huayu recipe on fibrotic liver in rats	Evid Based Complement Alternat Med (2013) 2013:972863	N	N/A	N/A	Effect of Fuzheng Huayu on liver fibrosis

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1870.	Xie, J., Qi J., Hse, C.Y., Shupe, T.F.	2015	Optimization for microwave-assisted direct liquefaction of bamboo residue in glycerol/ methanol mixtures	Journal of Forestry Research 26.1 (2015): 261-265.	N	N/A	N/A	Optimisation of conversion yield of liquefied bamboo residues
1871.	Xin, J-Y., Zhang, Y-X., Zhang, S., Xia, C-G., Li, S-B.	2007	Methanol production from CO(2) by resting cells of the methanotrophic bacterium <i>Methylosinus trichosporium</i> IMV 3011	Journal of basic microbiology 47.5 (Oct 2007): 426-35	N	N/A	N/A	Methanol production from bacteria
1872.	Xing, Y., Wang, X., Chen, Z., Lin, H.	2012	Determination of migration levels of N-nitrosamines and N-nitrosatable substances in balloons and carcinogenic risk exposure level of NDMA in balloon to children	Fenxi Ceshi Xuebao (2012) Vol. 31(7), pp. 779-784	N	N/A	N/A	Analytical method for the detection of migration levels of nitrosamines from balloons and risk to children
1873.	Xiong, F; Yu, Y-Y; Wu, Z; Sun, G; Ding, L; Jin, Y; Gong, X-Q; Huang, W.H	2015	Methanol conversion into dimethyl ether on the anatase TiO2 (001) surface	Angewandte Chemie (Nov 23, 2015).	N	N/A	N/A	Methanol reactions on TiO2 surfaces
1874.	Xu, B., Qin, C., Hu, C.Y., Lin, Y.L., Xia, S.J., Xu, Q., Mwakagenda, S.A., Bi, X.Y., Gao, N.Y.	2012	Degradation kinetics and N-nitrosodimethylamine formation during monochloramination of chlortoluron	Sci Total Environ (2012) Vol. 417-418, pp. 241-7	N	N/A	N/A	NDMA formation during mono-chloramination of chlortoluron
1875.	Xu, C; Faghri, A	2011	Analysis of an active tubular liquid-feed direct methanol fuel cell	Journal of Power Sources 196.15 (Aug 1, 2011): 6332-6346.	N	N/A	N/A	Analysis of a direct methanol fuel cell
1876.	Xu, C; Yang, W; Guo, Q; Dai, D; Chen, M; Yang, X	2013	Molecular hydrogen formation from photocatalysis of methanol on TiO ₂ (110)	Journal of the American Chemical Society 135.28 (Jul 17, 2013): 10206-10209.	N	N/A	N/A	Molecular hydrogen formation from photocatalysis of methanol

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1877.	Xu, C; Yang, W; Guo, Q; Dai, D; Chen, M; Yang, X	2014	Molecular hydrogen formation from photocatalysis of methanol on anatase-TiO ₂ (101)	Journal of the American Chemical Society 136.2 (Jan 15, 2014): 602-605.	N	N/A	N/A	Hydrogen formation for photocatalysis of methanol
1878.	Xu, F., Yang, L.	2006	Effects of plant growth regulators on vegetative growth of <i>Castanea henryi</i>	Zhejiang Linxueyuan Xuebao (2006) Vol. 23(4), pp. 410-413	N	N/A	N/A	Efficacy study
1879.	Xu, H., Zhou, Y., Lu, C., Ping, J., Xu, L.M.	2012	Salvianolic acid B lowers portal pressure in cirrhotic rats and attenuates contraction of rat hepatic stellate cells by inhibiting RhoA signaling pathway	Lab Invest (2012) Vol. 92(12), pp. 1738-48	N	N/A	N/A	Consideration of salvianolic acid B as a candidate for the treatment of hypertension
1880.	Xu, L., Sun, Z., Liu, Q.M., Liu, Y.D., Zhang, R.G., Wu, F.	2013	The influence of phosphate buffer on the formation of N-nitrosodimethylamine from dimethylamine nitrosation	Journal of Chemistry (2013) Article ID 818943	N	N/A	N/A	Formation of NDMA from dimethylamine nitrosation
1881.	Xu, L., Zheng, N., He, Q., Li, R., Zhang, K., Liang, T.	2013	Puerarin, isolated from <i>Pueraria lobata</i> (Willd.), protects against hepatotoxicity via specific inhibition of the TGF- β 1/Smad signaling pathway, thereby leading to anti-fibrotic effect	Phytomedicine (2013) Vol. 20(13), pp. 1172-1179	N	N/A	N/A	Effect of puerarin on liver fibrosis
1882.	Xu, Q.J., Li, J.G., Li, Q.X.	2011	Preparation of mesoporous carbon at different temperatures as a catalyst support for direct methanol fuel cells	Acta Physio-Chimica Sinica (2011) Vol. 27(8), doi: 10.3866/PKU.WHXB20110827	N	N/A	N/A	Mesoporous carbon as a catalyst for direct methanol fuel cells

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1883.	Xu, Q.J., Zhou, X.J., Li, Q.X., Li, J.G.	2010	Preparation and electrochemical properties of ternary catalyst PtRuCo/C for direct methanol fuel cell	Acta Phys-Chim Sin (2010) Vol. 26(8), pp. 2135-2138	N	N/A	N/A	Preparation and electrochemical properties of catalyst for methanol fuel cells
1884.	Xu, W.H., Hu, H.G., Tian, Y., Wang, S.Z., Li, J., Li, J.Z., Deng, X., Qian, H., Qiu, L., Hu, Z.L., Wu, Q.Y., Chai, Y.F., Guo, C., Xie, W.F., Zhang, J.P.	2014	Bioactive compound reveals a novel function for ribosomal protein S5 in hepatic stellate cell activation and hepatic fibrosis	Hepatology (2014) Vol. 60(2), pp. 648-60	N	N/A	N/A	No relevant endpoints investigated
1885.	Xu, Y., Kameoka, S., Kishida, K., Demura, M., An-Pang, T. Hirano, T.	2005	Catalytic properties of alkali-leached Ni3Al for hydrogen production from methanol	Intermetallics 13.2 (2005): 151-155	N	N/A	N/A	Catalytic properties of alkali-leached Ni3Al
1886.	Yaeesh, S., Jamal, Q., Khan, A.U., Gilani, A.H.	2006	Studies on hepatoprotective, antispasmodic and calcium antagonist activities of the aqueous-methanol extract of <i>Achillea millefolium</i>	Phytoter Res (2006) Vol. 20(7), pp. 546-51	N	N/A	N/A	Hepatoprotective, antispasmodic and calcium antagonist activities of plant extracts
1887.	Yagi, I., Maeyama, T., Fujii, A., Mikami, N.	2007	Stepwise solvatochromism of ketyl anions in the gas phase: photodetachment excitation spectroscopy of benzophenone and acetophenone radical anions microsolvated with methanol	The journal of physical chemistry. A 111.31 (Aug 9, 2007): 7646-52	N	N/A	N/A	Electronic spectra of anions of benzophenone and acetophenone

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1888.	Yakob, H.K., Manaf Uyub, Abd., Sulaiman, S.F.	2012	Toxicological evaluation of 80% methanol extract of <i>Ludwigia octovalvis</i> (Jacq.) P.H. Raven leaves (Onagraceae) in BALB/c mice	J Ethnopharmacol (2012) Vol. 143(1), pp. 663-668	N	N/A	N/A	Toxicological evaluation of plant extracts
1889.	Yam, M.F., Ang, L.F., Lim, C.P., Ameer, O.Z., Salman, I.M., Ahmad, M., Mohammed, M.Al-M., Asmawi, M.Z., Abdulkarim, M.F., Abdullah, G.Z.	2010	Antioxidant and hepatoprotective effects of <i>Murdannia bracteata</i> methanol extract	Journal of acupuncture and meridian studies 3.3 (Sep 2010): 197-202	N	N/A	N/A	Antioxidant and hepatoprotective effects of plant extracts
1890.	Yamada, K., Hattoir, R., Ito, Y., Shibata, H., Yoshida, N.	2010	Determination of carbon isotope ratios of methanol and acetaldehyde in air samples by gas chromatography-isotope ratio mass spectrometry combined with headspace solid-phase microextraction	Isotopes Environ Health Stud (2010) Vol. 46(3), pp. 392-9	N	N/A	N/A	Determination of carbon isotope ratios of methanol and acetaldehyde in air
1891.	Yamagiwa, K., Yamashita, T., Kamimura, T., Shimizu, T., Ohkawa, A.	2007	Recovery of hexavalent chromium ion from methanol with ion exchange resin	Journal of Chemical Engineering of Japan 40.5 (2007): 447-453	N	N/A	N/A	Recovery of hexavalent chromium ion from methanol
1892.	Yamamoto, S.	2006	Effect of plant growth retardant (daminozide wettable powder) to control elongation of seedlings of <i>Cryptomeria japonica</i> and <i>Chamaecyparis obtusa</i>	Bulletin of the Shizuoka Prefecture Forestry and Forest Products Research Institute (2006) Vol. 34, pp. 1-6	N	N/A	N/A	Efficacy study

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1893.	Yan, H; Tian, C; Sun, L; Wang, B; Wang, L; Yin, J; Wu, A; Fu, H	2014	Small-sized and high-dispersed WN from [(SiO ₄ (W ₃ O ₉)) ₄] super(4-) clusters loading on GO-derived graphene as promising carriers for methanol electro-oxidation	Energy & Environmental Science 7.6 (May 2014): 1939-1949.	N	N/A	N/A	Carriers for methanol electro-oxidation
1894.	Yan, S., Fang, Y., Gao, Z.	2007	Determination of daminozide in apple sample by mip-coated piezoelectric quartz sensor	Analytical Letters (2007) Vol. 40(6), pp. 1013-1021	N	N/A	N/A	Determination of pesticides in foodstuffs
1895.	Yan, S., Fang, Y., Gao, Z.	2007	Quartz crystal microbalance for the determination of daminozide using molecularly imprinted polymers as recognition element	Biosens Bioelectron (2007) Vol. 22(6), pp. 1087-91	N	N/A	N/A	Analytical method for the detection of daminozide
1896.	Yang, C; Jackson, R B	2012	China's growing methanol economy and its implications for energy and the environment	Energy Policy 41 (Feb 1, 2012): 878-884.	N	N/A	N/A	China's growing methanol economy
1897.	Yang, H., Jia, X., Chen, X., Yang, C.S., Li, N.	2012	Time-selective chemoprevention of vitamin E and selenium on esophageal carcinogenesis in rats: the possible role of nuclear factor kappaB signaling pathway	Int J Cancer (2012) Vol. 131(7), pp. 1517-27	N	N/A	N/A	Chemoprevention of vitamin E and selenium on esophageal carcinogenesis in rats

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1898.	Yang, H., Zhang, X., Li, S., Wang, X., Ma, J.	2014	The high catalytic activity and reusability of the proline functionalized cage-like mesoporous material SBA-16 for the asymmetric aldol reaction proceeding in methanol-water mixed solvent	RSC Advances (2014) vol. 4, pp. 9292-9299	N	N/A	N/A	Catalytic activity of a cage-like mesoporous material
1899.	Yang, H.Y., Tae, J., Seo, Y.W., Kim, Y.J., Im, H.Y., Choi, G.D., Cho, H., Park, W.K., Kwon, O.S., Cho, Y.S., Ko, M., Jang, H., Lee, J., Choi, K., Kim, C.H., Lee, J., Pae, A.N.	2013	Novel pyrimidoazepine analogs as serotonin 5-HT _{2A} and 5-HT _{2C} receptor ligands for the treatment of obesity	Eur J Med Chem (2013) Vol. 63, pp. 558-69	N	N/A	N/A	Development of anti-obesity agents
1900.	Yang, J.W., Hien, T.T., Lim, S.C., Jun, D.W., Choi, H.S., Yoon, J.H., Cho, I.J., Kang, K.W.	2014	Pin1 induction in the fibrotic liver and its roles in TGF- β 1 expression and Smad2/3 phosphorylation	J Hepatol (2014) Vol. 60(6), pp. 1235-41	N	N/A	N/A	A peptidyl-prolyl isomerase regulation of liver fibrogenesis and its mode of action
1901.	Yang, L., Kim, D., Uzun, H., Karanfil, T., Hur, J.	2015	Assessing trihalomethanes (THMs) and N-nitrosodimethylamine (NDMA) formation potentials in drinking water treatment plants using fluorescence spectroscopy and parallel factor analysis	Chemosphere (2015) Vol. 121, pp. 84-91	N	N/A	N/A	Assessment of THM and NDMA formation potential in water treatment plants
1902.	Yang, L., Sun, H., Wang, S., Jiang, L., Sun, G.	2012	Reversible and irreversible loss in performance in direct methanol fuel cells during freeze/thaw cycles	Journal of Power Sources 219 (Dec 1, 2012): 193-198.	N	N/A	N/A	Loss in performance in direct methanol fuel cells during freeze/thaw cycles

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1903.	Yang, L., Tang, Y., Luo, S., Liu, C., Yan, H.S.D.	2014	Palladium nanoparticles supported on vertically oriented reduced graphene oxide for methanol electro-oxidation	Chemsuschem (2014) Vol. 7(10), pp. 2907-2913	N	N/A	N/A	Palladium nanoparticles for methanol electro-oxidation
1904.	Yang, L., Zhang, D.	2004	Effect of growth regulator on dwarfing and flowering of <i>Rudbeckia hirta</i> Linnaeus 'plainview farm'	Journal of Hunan Agricultural University (2004) Vol. 30(6), pp. 549-551	N	N/A	N/A	Efficacy study
1905.	Yang, M., Lu, J., Miao, J., Rizak, J., Yang, J., Zhai, R., Zhou, J., Qu, J., Wang, J., Yang, S., Ma, Y., Hu, X., He, R.	2014	Alzheimer's disease and methanol toxicity (part 1): chronic methanol feeding led to memory impairments and tau hyperphosphorylation in mice	Journal of Alzheimer's disease 41.4 (2014): 1117-29.	N	N/A	N/A	Alzheimer's disease and methanol toxicity; no relevant endpoints investigated
1906.	Yang, M., Miao, J., Rizak, J., Zhai, R., Wang, Z., Huma, T., Li, T., Zheng, N., Wu, S., Zheng, Y., Fan, X., Yang, J., Wang, J., Yang, S., Ma, Y., Lu, L., He, R., Hu, X.	2014	Alzheimer's disease and methanol toxicity (part 2): lessons from four rhesus macaques (<i>Macaca mulatta</i>) chronically fed methanol	Journal of Alzheimer's disease 41.4 (2014): 1131-47.	N	N/A	N/A	Alzheimer's disease and methanol toxicity; no relevant endpoints investigated
1907.	Yang, M., Nightingale, P.D., Bealr, R., Liss, P.S., Bloquist, B.W., Fairall, C.W.	2013	Atmospheric deposition of methanol over the Atlantic Ocean	Proc. Of Natl Acad Sci USA (2013) Vol. 110(5), pp. 20034-20039	N	N/A	N/A	Air-sea methanol transfer in the Atlantic; no relevant endpoints investigated

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1908.	Yang, M., Park, K., Kim, K., Cho, H., Choi, H., Park, J.	2013	Degradation mechanisms and mitigation strategies of metal cations in recycled fuel for direct methanol fuel cell membrane electrode assembly	Journal of Power Sources 242 (2013): 646-655.	N	N/A	N/A	Metal cations in direct methanol fuel cell membrane electrode assembly
1909.	Yang, N., Chen, Y., Deng, L., Kuang, M., Duan, L., Liu, Z., He, J.	2013	Simultaneous determination of nine nitrosamines in pickled vegetables by solid phase extraction column of dual packing materials and HPLC/MS	Fenxi Huaxue (2013) Vol. 41(7), pp. 1044-1049	N	N/A	N/A	Analytical detection of nitrosamines in foodstuffs
1910.	Yang, Q., Haney, B., Vaux, A.G.C., Anderson, N.G.	2009	Controlling the genotoxins ethyl chloride and methyl chloride formed during the preparation of amine hydrochloride salts from solutions of ethanol and methanol	Organic Process Research & Development (2009) Vol. 13(4)	N	N/A	N/A	Controlling genotoxins formation during preparation of amine hydrochloride salts
1911.	Yang, R., Dai, X., Wei, B., Yu, W.	2012	Anal. of nitrosamines in booby pacifier by SPE-GC-MS	Huanjing Huaxue (2012) Vol. 31(8), pp. 1283-1286	N	N/A	N/A	Analytical method for detection of nitrosamines in infant pacifiers
1912.	Yang, W., Zhou, H., Cicek, N.	2014	Treatment of organic micropollutants in water and wastewater by UV-based processes: A literature review	Critical Reviews in Environmental Science and Technology (2014) Vol. 44(13), pp 1443-1476	N	N/A	N/A	Review of treatment of organic micropollutants in water

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1913.	Yang, W.S., Jeong, D., Nam, G., Yi, Y.S., Yoon, D.H., Kim, T.W., Park, Y.C., Hwang, H., Rhee, M.H., Hong, S., Cho, J.Y.	2013	AP-1 pathway-targeted inhibition of inflammatory responses in LPS-treated macrophages and EtOH/HCl-treated stomach by Archidendron clypearia methanol extract	J Ethnopharmacol (2013) Vol. 146(2), pp. 637-44	N	N/A	N/A	Pharmacology of plant extracts
1914.	Yang, X., Guo, W., Zhang, X., Chen, F., Ye, T., Liu, W.	2013	Formation of disinfection by-products after pre-oxidation with chlorine dioxide or ferrate	Water Research (2013) Vol. 47(15), pp. 5856-5864	N	N/A	N/A	Formation of disinfection by-products
1915.	Yang, X., Liu, Y.N., Fang, Y., Wei, X.	2013	A direct methanol fuel cell without the use of a polymer electrolyte membrane or precious metal cathode catalyst	Journal of Power Sources (2013) Vol. 234, pp. 272-276	N	N/A	N/A	Structure of direct methanol fuel cells
1916.	Yang, Y., White, M.G., Liu, P.	2011	A theoretical study of methanol synthesis from CO ₂ fydrogenation on metal-doped Cu(111) surfaces	The journal of physical chemistry. A (Dec 12, 2011).	N	N/A	N/A	Methanol synthesis from CO ₂ hydrogenation
1917.	Yang, Y., Yu, T., Jang, H.Y., Byeon, S.E., Lee, B.H., Rhee, M.H., Kim, T.W., Lee, J., Hong, S., Cho, J.Y.	2012	In vitro and in vivo anti-inflammatory activities of Polygonum hydropiper methanol extract	J Ethnopharmacol (2012) Vol. 139(2), pp. 616-25	N	N/A	N/A	Anti-inflammatory activities of plant extracts
1918.	Yano, T., Yurimoto, H., Sakai, Y.	2009	Activation of the oxidative stress regulator PpYap1 through conserved cysteine residues during methanol metabolism in the yeast <i>Pichia pastoris</i>	Biosci Biotechnol Biochem (2009) Vol. 73(6), pp. 1404-11	N	N/A	N/A	Oxidative stress regulator in yeast metabolism of methanol

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1919.	Yassin, I., Kassa, N., Mohammed, A.	2013	Influence of growth retardant chemicals on stock plant growth and subsequent rooting of verbena (<i>Verbena .times. hybrida</i>) cuttings	World Applied Sciences Journal (2013) Vol. 23(8), pp. 1090-1099	N	N/A	N/A	Efficacy study
1920.	Ye, Z.X., Chen, Y.N., Zhang, X., Mao, X.H., Luo, J.Y.	2009	Dried-up riverway of Tarim River and the future state of hydrology	Arid Land Geography (2009) Vol. 32(6), pp. 841-849	N	N/A	N/A	Ecology of the Tarim River
1921.	Yeh, R.Y.L., Farre, M.J., Stalter, D., Tang, J.Y.M., Molendijk, J., Escher, B.I.	2014	Bioanalytical and chemical evaluation of disinfection by-products in swimming pool water	Water Research (2014) Vol. 59, pp. 172-184	N	N/A	N/A	Disinfection byproducts in swimming pools
1922.	Yepz, O., Pickup, P.G.	2005	Electrochemical oxidation of methanol at hydrogen-loaded PdPtRu-coated Pd electrodes	Electrochem Solid State (2005) Vol. 8(3), pp. E35-E38	N	N/A	N/A	Electrochemical oxidation of methanol
1923.	Yezza, A., Fournier, D., Halasz, A., Hawari, J.	2006	Production of polyhydroxyalkanoates from methanol by a new methylotrophic bacterium <i>Methylobacterium</i> sp. GW2	Appl Microbiol Biotechnol (2006) Vol. 73(1), pp. 211-8	N	N/A	N/A	Production of polyhydroxyalkanoates from methanol
1924.	Yi, L.T., Li, J., Su, D.X., Dong, J.F., Li, C.F.	2012	Hypouricemic effect of the methanol extract from <i>Prunus mume</i> fruit in mice	Pharm Biol (2012) Vol. 50(11), pp. 1423-7	N	N/A	N/A	Hypouricemic effect of plant extracts
1925.	Yim, J.C-H., Bexrud, J.A., Ayinla, R.O., Leitch, D.C., Schafer, L.L.	2014	Bis(amidate)bis(amido) titanium complex: A regioselective intermolecular alkyne hydroamination catalyst	J Org Chem (2014) Vol. 79(5), pp. 2015-2028	N	N/A	N/A	No relevant endpoints investigated

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1926.	Ying, L; Liu, J; Mo, L; Lou, H; Zheng, X	2012	Hydrogen production by oxidative steam reforming of methanol over Ce1-xZnxOy catalysts prepared by combustion method	International Journal of Hydrogen Energy 37.1 (Jan 2012): 1002-1006.	N	N/A	N/A	Hydrogen production by oxidative steam reforming of methanol
1927.	Yokoi, T., Nakajima, M.	2013	microRNAs as mediators of drug toxicity	Annu Rev Pharmacol Toxicol (2013) Vol. 53, pp. 377-400	N	N/A	N/A	microRNAs as mediators of drug toxicity
1928.	Yoneda, K., Shiozawa, A., Kitahara, A., Takahashi, E., Arimoto, S., Okamoto, K., Negishi, T.	2012	Novel antimutagenic proteins in the edible mushroom <i>Agrocybe clindracea</i>	Genes and Environment (2013) Vol. 34(1), pp. 9-17	N	N/A	N/A	Novel antimutagenic proteins in an edible mushroom
1929.	Yong, S.T., Hidajat, K., Kawai, S.	2008	The roles of Cu, Zn and Mn in Cu0.5Zn0.5Mn2O4 spinel-lattice catalyst for methanol decomposition	Catalysis Today 131.1-4 (2008): 188-196	N	N/A	N/A	Roles of metal ions in spinel-lattice catalyst for methanol decomposition
1930.	Yongvanit, P., Phanomsri, E., Namwat, N., Kampan, J., Tassaneeyakul, W., Loilome, W., Puapairoj, A., Khuntikeo, N.	2012	Hepatic cytochrome P450 2A6 and 2E1 status in peri-tumor tissues of patients with <i>Opisthorchis viverrini</i> -associated cholangiocarcinoma	Parasitol Int (2012) Vol. 61(1), pp. 62-6.	N	N/A	N/A	No relevant endpoints investigated
1931.	Yongvanit, P., Pinalor, S., Loilome, W.	2014	Risk biomarkers for assessment and chemoprevention of liver fluke-associated cholangiocarcinoma	J Hepatobiliary Pancreat Sci (2014) Vol. 21(5), pp. 309-15	N	N/A	N/A	Biomarkers for assessment and prevention of liver fluke-associated cholangiocarcinoma

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1932.	Yoon, J.Y., Jeong, H.Y., Kim, S.H., Kim, H.G., Nam, G., Kim, J.P., Yoon, D.H., Hwang, H., Kimc, T.W., Hong, S., Cho, J.Y.	2013	Methanol extract of <i>Evodia lepta</i> displays Syk/Src-targeted anti-inflammatory activity	J Ethnopharmacol (2013) Vol. 148(3), pp. 999-1007	N	N/A	N/A	Anti-inflammatory activity of plant extracts
1933.	Yoon, M.K., Drewes, J.E., Amy, G.L.	2013	Fate of bulk and trace organics during a simulated aquifer recharge and recovery (ARR)-ozone hybrid process	Chemosphere (2013) Vol. 93(9), pp. 2055-62	N	N/A	N/A	Fate of organics during a simulated (ARR)-ozone hybrid process
1934.	Yoon, S., Nakada, N., Tanaka, H.	2012	A new method for quantifying N-nitrosamines in wastewater samples by gas chromatography-triple quadrupole mass spectrometry	Talanta (2012) Vol. 97, pp. 256-61	N	N/A	N/A	Analytical method for the detection of nitrosamines in water
1935.	Yoon, S., Nakada, N., Tanaka, H.	2013	Occurrence and fate of N-nitrosamines and their formation potential in three wastewater treatment plants in Japan	Water Science & Technology (2013) Vol. 68(10), pp. 2118-2126	N	N/A	N/A	Occurrence and fate of nitrosamines in wastewater treatment plants
1936.	Yoon, S., Tanaka, H.	2014	Formation of N-nitrosamines by chloramination or ozonation of amines listed in Pollutant Release and Transfer Registers (PRTRs)	Chemosphere (2014) Vol. 95, pp. 88-95	N	N/A	N/A	Formation of nitrosamines

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1937.	Yoshimura, E., Kumahara, H., Tobina, T., Matsuda, T., Watabe, K., Matono, S., Ayabe, M., Kiyonaga, A., Anzai, K., Higaki, Y., Tanaka, H.	2014	Aerobic exercise attenuates the loss of skeletal muscle during energy restriction in adults with visceral adiposity	Obesity Facts (2014) Vol. 7(1), pp. 26-35	N	N/A	N/A	Evaluation of the effects of energy restriction on thigh muscle mass and quality in adults with visceral adiposity
1938.	Yoshizawa, K., Shiota, Y.	2006	Conversion of methane to methanol at the mononuclear and dinuclear copper sites of particulate methane monooxygenase (pMMO): a DFT and QM/MM study	Journal of the American Chemical Society 128.30 (Aug 2, 2006): 9873-81	N	N/A	N/A	Methane to methanol conversion at copper sites of particulate methane monooxygenase
1939.	You, G.Y., Chen, W.X., Zhao, J., Xu, Z.D.	2007	Synthesis of PtRu/C and PtNi/C catalysts and their electrocatalytic performance for methanol electrooxidation	Zhejiang Daxue Xuebao (2007) Vol. 41(12), pp. 2107-2111	N	N/A	N/A	Catalyst synthesis and their performance in methanol electrooxidation
1940.	Young, A., Lesmana, D., Dai, D-J., Wu, H-S.	2013	Short review: mitigation of current environmental concerns from methanol synthesis	Bulletin of Chemical Reaction Engineering & Catalysis (2013) Vol. 8(1), pp. 1-13	N	N/A	N/A	Environmental concerns from methanol synthesis
1941.	Young-Sun, P., Yamazaki, Y.	2005	Novel Nafion/ Hydroxyapatite composite membrane with high crystallinity and low methanol crossover for DMFCs	Polymer Bulletin 53.3 (2005): 181-192	N	N/A	N/A	Novel Nafion/ Hydroxyapatite composite membrane

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
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1942.	Youssef, G.M., Hirsch, D.J.	2005	Validation of a method to predict required dialysis time for cases of methanol and ethylene glycol poisoning	American journal of kidney diseases 46.3 (Sep 2005): 509-11	N	N/A	N/A	Methodology for prediction of dialysis time for methanol and ethylene glycol poisoning
1943.	Yu, H., Chen, H., Pan, M., Tang, Y., Zeng, K., Peng, F., Wang, H.	2007	Effect of the metal foam materials on the performance of methanol steam micro-reformer for fuel cells	Applied catalysis A: General (2007) vol. 327(1), pp. 106-113	N	N/A	N/A	Performance of methanol steam micro-reformer for fuel cells
1944.	Yu, H., Wu, H., Pan, S., Yang, Z., Hou, X., Su, X., Jing, Q., Poeppelmeier, K.R., Rondinelli, J.M.	2014	Cs ₃ Zn ₆ B ₉ O ₂₁ : A chemically benign member of the KBBF family exhibiting the largest second harmonic generation response	J Am Chem Soc (2014) Vol. 136(4), pp. 1264-7	N	N/A	N/A	Nonlinear optical crystals in solid state lasers
1945.	Yu, L.Q., Shirai, N., Suzuki, H., Sugane, N., Hosono, T., Nakajima, Y., Kajiwar, M., Takatori, K.	2010	The effect of methanol extracts of tsao-ko (<i>Amomum tsao-ko</i> Crevost et Lemaire) on digestive enzyme and antioxidant activity in vitro, and plasma lipids and glucose and liver lipids in mice	Journal of Nutritional Science and Vitaminology 56.3 (2010): 171-176	N	N/A	N/A	Plant extract effects on digestive enzyme, antioxidant activity, plasma lipids and glucose and liver lipids in mice
1946.	Yu, P., Song, W., Li, X., Pan, C., Liu, F.	2010	Determination of daminozide residue in fruits by liquid chromatography-ESI tandem mass spectrometry	Nongyao (2010) Vol. 49 (3), pp. 191-193	N	N/A	N/A	Determination of daminozide residues in foodstuffs
1947.	Yu, S., Wang, M., Li, Y., Yang, Z., Lei, S., Lu, W.	2012	Effects of three plant growth regulators on the physiological indices of <i>Hibiscus rosa-sinensis</i>	Anhui Nongye Kexue (2012) Vol. 40(3), pp. 1431-1432, 1447	N	N/A	N/A	Efficacy study

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1948.	Yuan, J., Pu, Y., Yin, L.	2012	Liver specificity of the carcinogenicity of NOCs: a chemical-molecular perspective	Chem Res Toxicol (2012) Vol. 25(11), pp. 2432-42	N	N/A	N/A	QSAR analysis of liver specificity of carcinogenicity of NOCs
1949.	Yuan, W; Zhou, B; Deng, J; Tang, Y; Zhang, Z; Li, Z	2014	Overview on the developments of vapor-feed direct methanol fuel cells	International Journal of Hydrogen Energy 39.12 (Apr 1, 2014): 6689-6704.	N	N/A	N/A	Vapour-feed direct methanol fuel cells
1950.	Yudanov, I.V., Matyeev, A.V., Neyman, K.M., Rosch, N.	2008	How the C-O bond breaks during methanol decomposition on nanocrystallites of palladium catalysts	J Am Chem Soc (2008) Vol. 130(29), pp. 9342-52	N	N/A	N/A	Methanol decomposition on nanocrystallites of Pd catalysts
1951.	Yue, J., Pan, Y., Xian, X., Chen, R.	2013	Effects of light quality and daminozide (B9) on ornamental and physiological characteristics of <i>Rhododendron simsii</i> 'Pingua'	Linze Kexue (2013) Vol. 49(1), pp. 77-84	N	N/A	N/A	Efficacy study
1952.	Yuet Ping, K; Darah, I; Chen, Y; Sreeramanan, S; Sasidharan, S	2013	Acute and subchronic toxicity study of <i>Euphorbia hirta</i> L. methanol extract in rats	BioMed research international 2013 (2013): 182064.	N	N/A	N/A	Plant extract toxicity
1953.	Yung, T.Y., Lee, J.Y., Liu, L.K.	2013	Nanocomposite for methanol oxidation: synthesis and characterization of cubic Pt nanoparticles on graphene sheets	Science and Technology of Advanced Materials (2013) Vol. 14(3): 035001	N	N/A	N/A	Pt nanoparticles in graphene sheets

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1954.	Zaafar, D.K., Zaitone, S.A., Moustafa, Y.M.	2014	Role of metformin in suppressing 1,2-dimethylhydrazine-induced colon cancer in diabetic and non-diabetic mice: Effect on tumor angiogenesis and cell proliferation	PloS One (2014) 9(6): e100562. Doi: 10.1371/journal.pone.0100562	N	N/A	N/A	Role of metformin in suppressing cancer
1955.	Zabrodskii, P F; Lim, V G; Troshkin, N M	2005	The influence of calcium folinate on the immunotoxicity of methanol	Eksperimental'naia i klinicheskaia farmakologiya 68.4 (Jul 2005 - Aug 2005): 46-8	N	N/A	N/A	The influence of calcium folinate on the immunotoxicity of methanol
1956.	Zabrodskii, P F; Mandych, V G; Kirichuk, V F; Serov, V V; Plakhuta, I A	2007	Suppression of immune response associated with functions of B-cells, Th1- and Th2-lymphocytes and interleukins produced by these cells, and pharmacological correction of these disturbances upon acute intoxication with methanol	Eksperimental'naia i klinicheskaia farmakologiya 70.5 (Sep 2007 - Oct 2007): 30-2	N	N/A	N/A	Methanol effects on immune responses; no relevant endpoints investigated
1957.	Zahedi, G., Elkamel, A., Lohi, A.	2007	Dynamic optimization strategies of a heterogeneous reactor for CO ₂ conversion to methanol	Energy Fuels (2007) Vol. 21(5), pp. 2977-2983	N	N/A	N/A	Optimisation strategies for CO ₂ conversion to methanol
1958.	Zaidi, H A; Pant, K K	2014	An oxalic-acid-treated ZnO/CuO/ HZSM-5 catalyst with high resistance to coke formation for the conversion of methanol to hydrocarbons	International Journal of Green Energy 11.4 (Apr 21, 2014): 376-388.	N	N/A	N/A	Catalyst for the conversion of methanol to hydrocarbons

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1959.	Zainoodin, A.M ; Kamarudin, S.K ; Daud, W.R.W; Sahari, J; Masdar, M.S; Mohamad, A.B	2014	Investigation of MEA degradation in a passive direct methanol fuel cell under different modes of operation	Applied Energy 135 (Dec 5, 2014): 364-372.	N	N/A	N/A	MEA degradation in a passive direct methanol fuel cell
1960.	Zakaria, Z.A., Abdul Hisam, E.E., Norhafizah, M., Rofiee, M.S., Othman, F., Hasiah, A.H., Vasudevan, M.	2012	Methanol extract of <i>Bauhinia purpurea</i> leaf possesses anti-ulcer activity	Med Princ Pract (2012) Vol. 21(5), pp. 476-82	N	N/A	N/A	Anti-ulcer activity of plant extracts
1961.	Zakharov, S., Kurcova, I., Navratil, T., Salek, T., Komarc, M., Pelclova, D.	2015	Is the measurement of serum formate concentration useful in the diagnostics of acute methanol poisoning? A prospective study of 38 patients	Basic Clin Pharmacol Toxicol (2015) Vol. 116(5), pp. 445-51	N	N/A	N/A	Diagnostics of acute methanol poisoning
1962.	Zakharov, S., Pelclova, D., Navratil, T., Belacek, J., Komarc, M., Eddleston, M., Hovda, K.E.	2015	Fomepizole versus ethanol in the treatment of acute methanol poisoning: Comparison of clinical effectiveness in a mass poisoning outbreak	Clin Toxicol (2015) Vol. 53(8), pp. 797-806	N	N/A	N/A	Treatment of methanol poisoning; no relevant endpoints investigated

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1963.	Zakharov, S., Pelclova, D., Navratil, T., Belacek, J., Kurcova, I., Komzak, O., Salek, T., Latta, J., Turek, R., Bocek, R., Kucera, C., Hubacek, J.A., Fenclova, Z., Petrik, V., Cermak, M., Hovda, K.E.	2014	Intermittent hemodialysis is superior to continuous veno-venous hemodialysis/ hemodiafiltration to eliminate methanol and formate during treatment for methanol poisoning	Kidney Int (2014) Vol. 86(1), pp. 199-207	N	N/A	N/A	Methodology for elimination of methanol during methanol poisoning treatment
1964.	Zakrzewski, P., Schroeter-Zakrzewska, A.	2011	Growth retardants in the cultivation of Chrysanthemum .times. grandiflorum (Ramat.) Kitam. 'Leticia Time Yellow'.	Folia Horticulturae (2011) Vol. 23(2), pp. 139-143	N	N/A	N/A	Efficacy study
1965.	Zamyadi, A., Ho, L., Newcombe, G., Bustamante, H., Prévost, M.	2012	Fate of toxic cyanobacterial cells and disinfection by-products formation after chlorination	Water Res (2012) Vol. 46(5), pp. 1524-35	N	N/A	N/A	Fate of toxic cyanobacterial cells
1966.	Zandvoort, M.H., van Hullebusch, E.D., Golubnic, S., Gieteling, J., Lens, P.N.L.	2006	Induction of cobalt limitation in methanol-fed UASB reactors	Journal of Chemical Technology and Biotechnology (2006) Vol. 81(9), pp. 1486-1495	N	N/A	N/A	Induction of cobalt limitation in UASB reactors
1967.	Zandvoort, M.H., van Hullebusch, E.D., Peerbolte, A., Golubnic, S., Lettinga, G., Lens, P.N.L.	2005	Influence of pH shocks on trace metal dynamics and performance of methanol fed granular sludge bioreactors	Biodegradation 16.6 (2005): 549-567	N	N/A	N/A	Trace metal dynamics and performance of sludge bioreactors

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1968.	Zanutto, F.V., Boldrin, P.K., Varanada, E.A., Fernandes de Souza, S., Sano, P.T., Vilegas, W., Campaner dos Santos, L.	2012	Characterization of flavonoids and naphthopyranones in methanol extracts of <i>Paepalanthus chiquitensis</i> Herzog by HPLC-ESI-IT-MSn and their mutagenic activity	Molecules (2012) Vol. 18(1), pp. 244-62	N	N/A	N/A	Characterization of flavonoids and naphthopyranones in plant extracts
1969.	Zappa, L.P., Bircher, K., Pohlman, R., Metz, D.H.	2012	Multibarrier disinfection: Pairing GAC and UV to lower operating costs and increase efficiency	American Water Works Association Journal (2012) Vol. 104(12), pp. 56-60	N	N/A	N/A	Multibarrier disinfection
1970.	Zarenezhad, A; Esfandiari, A; Aliabadi, A	2013	Preventive effects of silymarin in retinal intoxication with methanol in rat: transmission electron microscope study	African Journal of Pharmacy and Pharmacology 7.25 (2013): 1757-1761.	N	N/A	N/A	Preventive effects of silymarin in retinal intoxication with methanol
1971.	Zawadzinska, A., Klessa, M.	2007	The effects of retardants on vegetative traits of <i>Impatiens walleriana</i> cultivars from Fiesta and Fiesta Ole groups	Folia Universitatis Agriculturae Stetinensis (2007) Vol. 253, pp. 95-102	N	N/A	N/A	Efficacy study
1972.	Zaytseva, N.V., Ulanova, T.S., Nurisloamova, T.V., Popva, N.A.	2014	The elaboration of gas chromatographic method for determination of N-nitrosamines (N-nitrosodimethylamine and N-nitrosodiethylamine) in biological samples (urine)	Gig Sanit (2014) Vol. May-Jun(3), pp. 88-92	N	N/A	N/A	Analytical detection of nitrosamines in urine
1973.	Zehraoui, A; Hassan, A A; Sorial, G A	2012	Effect of methanol on the biofiltration of n-hexane	Journal of hazardous materials 219-220 (Jun 15, 2012): 176-82.	N	N/A	N/A	Effect of methanol on the biofiltration of n-hexane

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1974.	Zehraoui, A; Hassan, A A; Sorial, G A	2013	Biological treatment of n-hexane and methanol in trickle bed air biofilters under acidic conditions	Biochemical Engineering Journal 77 (Aug 15, 2013): 129-135.	N	N/A	N/A	Biological treatment of n-hexane and methanol in trickle bed air biofilters
1975.	Zehraoui, A; Kapoor, V; Wendell, D; Sorial, G A.	2014	Impact of alternate use of methanol on n-hexane biofiltration and microbial community structure diversity	Biochemical Engineering Journal 85 (Apr 15, 2014): 110-118.	N	N/A	N/A	n-hexane biofiltration and microbial community structure diversity
1976.	Zehraoui, A; Sorial, G A	2015	Treatment of dynamic mixture of n-hexane, benzene, and methanol and fungi community characterization in an integrated scheme of cyclic adsorption/ desorption beds and trickle bed air biofilter	Air, Soil and Water Research 8 (2015): 31-41.	N	N/A	N/A	Effects of VOCs feed fluctuations on trickle bed air biofilters
1977.	Zeman, S., Friedl, Z.	2012	A new approach to the application of molecular surface electrostatic potential in the study of detonation	Propellants, Explosives, Pyrotechnics (2012) Vol. 37(5), pp. 609-613	N	N/A	N/A	Molecular surface electrostatic potential in the study of detonation
1978.	Zeng, Q., Jiang, L., Wang, D., Huang, S., Yang, D.	2012	Camptothecin and 10-hydroxycamptothecin accumulation in tender leaves of <i>Camptotheca acuminata</i> saplings after treatment with plant growth regulators	Plant Growth Regul (2012) Vol. 68, pp. 467-473	N	N/A	N/A	Investigation into the effect of PGR on alkaloid accumulation
1979.	Zeng, Y; Prasetyo, L; Nguyen, V T; Horikawa, T; Do, D D; Nicholson, D	2015	Characterization of oxygen functional groups on carbon surfaces with water and methanol adsorption	Carbon 81 (2015): 447-457.	N	N/A	N/A	Characterization of oxygen functional groups on carbon surfaces

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1980.	Zenkevich, I.G., Ul'yanov, A.V., Golub, S.L., Buryak, A.K.	2014	Chromatographic component of identification of the transformation products of 1,1-dimethylhydrazine in the presence of sulfur	Russian Journal of General Chemistry (2014) Vol. 84(6), pp. 1106-1114	N	N/A	N/A	Analytical identification of transformation products of 1,1-dimethylhydrazine in the presence of sulphur
1981.	Zha, X., Liu, Y., Liu, X., Zhang, Q., Dai, R., Ying, L., Wu, J., Wang, J., Ma, L.	2014	Effects of bromide and iodide ions on the formation of disinfection by-products during ozonation and subsequent chlorination of water containing biological source matters	Environ Sci Pollut Res (2014) Vol. 21, pp. 2714-2723	N	N/A	N/A	Effects of halogen ions and biological source matters on formation of disinfection byproducts
1982.	Zhai, X.F., Jiang, C.A., Wu, G.X., Guan, Y.T.	2013	Nitrous oxide emission during denitrification for activated sludge acclimated with methanol as the organic carbon	Huan Jing Ke Xue (2013) Vol. 34(4), pp. 1421-7	N	N/A	N/A	Nitrous oxide emission during denitrification for activated sludge
1983.	Zhan, H; Li, F; Gao, P; Zhao, N; Xiao, F; Wei, W; Zhong, L; Sun, Y	2014	Methanol synthesis from CO ₂ hydrogenation over La-M-Cu-Zn-O (M = Y, Ce, Mg, Zr) catalysts derived from perovskite-type precursors	Journal of Power Sources 251 (Apr 1, 2014): 113-121.	N	N/A	N/A	Methanol synthesis from CO ₂ hydrogenation
1984.	Zhang, A., Li, Y., Chen, L.	2014	Distribution and seasonal variation of estrogenic endocrine disrupting compounds, N-nitrosodimethylamine, and N-nitrosodimethylamine formation potential in the Huangpu River, China	Journal of Environmental Sciences (2014) Vol. 26(5), pp. 1023-1033	N	N/A	N/A	Environmental levels of endocrine disruptors and NDMA

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1985.	Zhang, A., Li, Y., Song, Y., Lv, J., Yang, J.	2014	Characterization of pharmaceuticals and personal care products as N-nitrosodimethylamine precursors during disinfection processes using free chlorine and chlorine dioxide	J Hazard Mater (2014) Vol. 276, pp. 499-509	N	N/A	N/A	Pharmaceuticals and personal care products as precursors for NDMA formation during disinfection
1986.	Zhang, B., Hu, M., Huang, L., Pu, Y., Pei, H., Hua, Z., Yao, S.	2014	Effect of Fuzheng Huayu capsule combined with Pegasys on genotype 1 hepatitis C fibrosis and cell apoptosis	Exp Ther Med (2014) Vol. 8(4), pp. 1123-1126	N	N/A	N/A	No relevant endpoints investigated
1987.	Zhang, C; Chai, X; Barnes, D G	2015	A novel solvent-assisted vapor absorption based headspace analysis technique for the determination of diffusion and solid–air partition coefficients of methanol in paper materials	Fluid Phase Equilibria 399 (2015): 74-79.	N	N/A	N/A	Determination of diffusion and solid–air partition coefficients of methanol in paper materials
1988.	Zhang, F., Shuai, S., Wang, J., Wang, Z.	2009	Influence of methanol gasoline blend fuel on engine and catalyst performance	SAE Technical Paper 2009-01-1182 (2009) doi: 10.4271/2009-01-1182	N	N/A	N/A	Influence of methanol gasoline blend fuel on engine and catalyst performance
1989.	Zhang, G., Peng, Q., Cao, Y.	2012	Determination of unsymmetrical dimethylhydrazine in ambient air by solid adsorption-capillary gas chromatography	Huaxue Fenxi Jiliang (2012) Vol. 21(2), pp. 69-71	N	N/A	N/A	Analytical method for detection of UDMH in air

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1990.	Zhang, H., Andrews, S.A.	2013	Effects of pipe materials, orthophosphate, and flow conditions on chloramine decay and NDMA formation in modified pipe loops	Journal of Water Supply: Research and Technology – AQUA (2013) Vol. 62.2, pp. 107-119	N	N/A	N/A	NDMA formation in modified pipe loops
1991.	Zhang, H., Andrews, S.A.	2013	Factors affecting catalysis of copper corrosion products in NDMA formation from DMA in simulated premise plumbing	Chemosphere (2013) Vol. 93(11), pp. 2683-9	N	N/A	N/A	Effects of corrosion products on copper on NDMA formation
1992.	Zhang, H., Cao, L., Dong, A., Zhang, X.	2009	Study on the effect of PP333 and B9 on the <i>Salvia splendens</i> plus seedlings	Beifang Yuanyi (2009) Vol. 10, pp. 188-190	N	N/A	N/A	Efficacy study
1993.	Zhang, H., Li, N., Li, K., Li, P.	2014	Protective effect of <i>Urtica dioica</i> methanol extract against experimentally induced urinary calculi in rats	Mol Med Rep (2014) Vol. 10(6), pp. 3157-62	N	N/A	N/A	Protective effects of plant extracts against urinary calculi in rats
1994.	Zhang, H., Woodams, E.E., Hang, Y.D.	2012	Factors affecting the methanol content and yield of plum brandy	J Food Sci (2012) Vol. 77(4), pp. T79-82	N	N/A	N/A	Methanol content and yield of plum brandy
1995.	Zhang, H., Zhou, W., Du, Y., Yang, P., Wang, C., Xu, J.	2010	Enhanced electrocatalytic performance for methanol oxidation on Pt-TiO ₂ /ITO electrode under UV illumination	International Journal of Hydrogen Energy (2010) Vol. 35(24), pp. 13290-13297	N	N/A	N/A	Enhanced electrocatalytic performance for methanol oxidation
1996.	Zhang, J., Zhang, Z., Sui, Y., Wang, Y.	2004	Preliminary study on effects of daminozide on the growth of potted kal	Jilin Nongye Daxue Xuebao (2004) Vol. 26(5), pp. 519-522	N	N/A	N/A	Efficacy study
1997.	Zhang, J., Zhang, Z-G., Sui, Y-H.	2007	Effects of plant growth regulators on <i>Tagetes erecta</i> L. seedling growth	Zhongguo Shengtai Nongye Xuebao (2007) Vol. 15(6), pp. 101-103	N	N/A	N/A	Efficacy study

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1998.	Zhang, L.	2011	Study on promotion cultivar of cut summer flowering <i>Chrysanthemum morifolium</i> Ramat. cv. Youxiang in Yinchuan	Beifang Yuanyi (2011) Vol. 3, pp. 88-91	N	N/A	N/A	Efficacy study
1999.	Zhang, L., Cui, W., Wang, C., Li, J.	2011	Effect of plant growth regulators on lignification of <i>Thuja occidentalis</i>	Beifang Yuanyi (2011) Vol. 7, pp. 81-83	N	N/A	N/A	Efficacy study
2000.	Zhang, L., Feng, L.	2010	Helical nanocoiled and microcoiled carbon fibers as effective catalyst supports for electrooxidation of methanol	Electrochimica Acta (2010) Vol. 55(22), pp. 6695-6702	N	N/A	N/A	Catalyst supports for electrooxidation of methanol
2001.	Zhang, L., Ren, J.W., Wong, C.C., Wu, W.K., Ren, S.X., Shen, J., Chan, R.L., Cho, C.H.	2012	Effects of cigarette smoke and its active components on ulcer formation and healing in the gastrointestinal mucosa	Curr Med Chem (2012) Vol. 19(1), pp. 63-9	N	N/A	N/A	Effects of cigarette smoke on ulcer formation and healing in the GI mucosa
2002.	Zhang, L., Zheng, L.	2011	Electrooxidation of methanol on multilayer films of polypyrrole-platinum electrode	Journal of Electrochemistry (2011) Vol. 17(1), pp. 84-87	N	N/A	N/A	Electrooxidation of methanol on multilayer films
2003.	Zhang, M., Hao, Z., Zhang, M., Li, J.	2012	Ignition and combustion characteristics of UDMH containing carbon	Ranshao Kexue Yu Jishu (2012) Vol. 18(4), pp. 315-318	N	N/A	N/A	Ignition and combustion characteristics of UDMH
2004.	Zhang, M., Li, J., Chen, W., Hao, Z.	2012	Experiments on combustion efficiency for impinging injector chamber	Tuijin Jishu (2012) Vol. 33(1), pp. 54-57	N	N/A	N/A	Combustion efficiency for impinging injector chamber

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2005.	Zhang, Q., Farrauto, R.J.	2011	A PdZn catalyst supported on stabilized ceria for stoichiometric methanol steam reforming and hydrogen production	Applied Catalysis, A: General 395.1/2 (2011): 64-70	N	N/A	N/A	Catalyst for methanol steam reforming and hydrogen production
2006.	Zhang, Q., Li, X., Fujimoto, K.	2006	Pd-promoted Cr/ZnO catalyst for synthesis of methanol from syngas	Applied Catalysis A: General 309.1 (2006): 28-32	N	N/A	N/A	Catalyst for synthesis of methanol from syngas
2007.	Zhang, Q., Lin, C., Chen, B., Ouyang, T., Chang, C.	2015	Deciphering visible light photoreductive conversion of CO ₂ to formic acid and methanol using waste prepared material	Environmental Science & Technology 49.4 (Feb 2015): 2405.	N	N/A	N/A	Visible light photoreductive conversion of CO ₂ to formic acid and methanol
2008.	Zhang, Q., Lin, C., Jing, Y.H., Chang, C.	2014	Photocatalytic reduction of carbon dioxide to methanol and formic acid by graphene-TiO ₂	Journal of the Air & Waste Management Association 64.5 (May 4, 2014): 578-585.	N	N/A	N/A	Photocatalytic reduction of carbon dioxide to methanol and formic acid
2009.	Zhang, Q., Liu, G., Wang, L., Zhang, X., Li, G.	2014	Controllable decomposition of methanol for active fuel cooling technology	Energy & Fuels 28.7 (Jul 17, 2014): 4431-4439-4431-4439.	N	N/A	N/A	Decomposition of methanol for active fuel cooling technology
2010.	Zhang, R., Yin, R., Luo, Y.	2014	Characteristics of NO-reduction by tar-included syngas from an updraft gasifier	Environmental Progress & Sustainable Energy (2014) Vol. 33(2), pp. 60-608	N	N/A	N/A	NO reduction by tar-included syngas
2011.	Zhang, S., Wu, J., Wang, H., Wang, T., Jin, L., Shu, D., Shan, W., Xiong, S.	2014	Liposomal oxymatrine in hepatic fibrosis treatment: Formulation, in vitro and in vivo assessment	AAPS PharmSciTech (2014) Epub ahead of print	N	N/A	N/A	Method development study in therapeutics

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2012.	Zhang, S., Yu, G., Chen, J., Wang, B., Huang, J., Deng, S.	2014	Unveiling formation mechanism of carcinogenic N-nitrosodimethylamine in ozonation of dimethylamine: a density functional theoretical investigation	J Hazard Mater (2014) Vol. 279, pp. 330-5	N	N/A	N/A	Mechanism for formation of NDMA by ozonation
2013.	Zhang, W., Shi, Q., Zhao, L.D., Tang, F.L., Zhang, F.C., Zhang, X.	2010	The safety and effectiveness of a chloroform/methanol extract of <i>Tripterygium wilfordii</i> Hook F (T2) plus methotrexate in treating rheumatoid arthritis	J Clin Rheumatol (2010) Vol. 16(8), pp. 375-8	N	N/A	N/A	Plant extracts for treating rheumatoid arthritis
2014.	Zhang, X., Li, C., Gong, Z.	2014	Development of a convenient in vivo hepatotoxin assay using a transgenic Zebrafish line with liver-specific DsRed expression	PLoS One (2014) Vol. 9(3): e91874	N	N/A	N/A	Development of a in vivo hepatotoxin assay
2015.	Zhang, X., Li, F.H., Liu, P., Liu, J., Wang, S.	2013	Study on effect of artificial CsB and its components on bile acid metabolism in rats with liver fibrosis and its mechanism	Zhongguo Zhong Yau Za Zhi (2013) Vol. 38(22), pp. 3943-8	N	N/A	N/A	Effect of artificial CsB and its components on bile acid metabolism
2016.	Zhang, X., Ning, B.B., Ren, S., Zhang, L.J., Zhang, W.M., Chen, J.M., Chen, G.F., Zhang, H., Mu, Y.P., Liu, P.	2012	Effects of Chinese herbal medicine Ziaopi Pill in preventing rats from dimethylnitrosamine-induced liver fibrosis	Zhong Xi Yi Jie He Xue Bao (2012) Vol. 10(11), pp. 1286-92	N	N/A	N/A	Effects of a Chinese herbal medicine on NDMA-induced liver fibrosis

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2017.	Zhang, X., Yi, Y., Yang, H., Gao, W., Wang, M.	2009	Effect of external hormone on the florescence regulation of <i>Rhododendron irroratum</i> in Bai-li Du-juan tourist attractions	Beifang Yuanyi (2009) Vol. 12, pp. 170-173	N	N/A	N/A	Efficacy study
2018.	Zhang, Y., Liss, S.N., Allen, D.G.	2006	The effects of methanol on the biofiltration of dimethyl sulfide in inorganic biofilters	Biotechnol Bioeng (2006) Vol. 95(4), pp. 734-43	N	N/A	N/A	Methanol effects on biofiltration of dimethyl sulphide in inorganic biofilters
2019.	Zhang, Y., Liss, S.N., Allen, D.G.	2007	Effect of methanol on pH and stability of inorganic biofilters treating dimethyl sulfide	Environ Sci Technol (2007) Vol. 41(10), pp. 3752-7	N	N/A	N/A	Effect of methanol on pH and stability of inorganic biofilters
2020.	Zhang, Y., Liss, S.N., Allen, D.G.	2007	Enhancing and modeling the biofiltration of dimethyl sulfide under dynamic methanol addition	Chemical Engineering Science 62.9 (2007): 2474-2481	N	N/A	N/A	Biofiltration of dimethyl sulphide
2021.	Zhang, Y., Tseng, T.J., Andrews-Tate, C., Cheng, R.C., Wattier, K.L.	2012	Pilot-scale evaluation of blending desalinated seawater into a distribution system	Journal – American Water Works Association (2012) Vol. 104(7), pp. 43-44	N	N/A	N/A	Effect of seawater on disinfection byproducts in a distribution system
2022.	Zhang, Y., Xu, J., Zhang, Y., Zhang, J., Li, Q., Liu, H., Shang, M.	2014	Health risk analysis of nitrosamine emissions from CO ₂ capture with monoethanolamine in coal-fired power plants	International Journal of Greenhouse Gas Control (2014) Vol. 20, pp. 37-42	N	N/A	N/A	Health risk of nitrosamines from CO ₂ capture
2023.	Zhang, Y., Zhang, R.	2009	Effects of ABA content on the development of abscission zone and berry falling after harvesting of grapes	Agricultural Sciences in China (2009) Vol. 8(1), pp. 59-67	N	N/A	N/A	Effects of ABA content on grapes

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2024.	Zhang, Y.H.P., Xu, J.H., Zhong, J.J.	2013	A new high-energy density hydrogen carrier-carbohydrate-might be better than methanol	International Journal of Energy Research (2013) Vol. 37(7), pp. 769-779	N	N/A	N/A	High-energy density hydrogen carrier-carbohydrate
2025.	Zhang, Z., Bondarchuk, O., White, J.M., Kay, B.D., Dohnalek, Z.	2006	Imaging adsorbate O-H bond cleavage: methanol on TiO ₂ (110)	Journal of the American Chemical Society 128.13 (Apr 5, 2006): 4198-9	N	N/A	N/A	Methanol adsorption and dissociation on TiO ₂ (110)-(1×1) surface
2026.	Zhang, Z., Che, W., Liang, Y., Wu, M., Li, N., Shu, Y., Liu, F., Wu, D.	2007	Comparison of cytotoxicity and genotoxicity induced by the extracts of methanol and gasoline engine exhausts	Toxicology in vitro 21.6 (Sep 2007): 1058-65	N	N/A	N/A	Comparison of cytotoxicity and genotoxicity of engine exhausts
2027.	Zhang, Z., Li, C., Wei, Y., Huang, B., Lu, H.	2014	In vitro conservation technique of rare or endangered germplasm in <i>Chirita longgangensis</i> W.T. Wang in Guihaia	Beifang Yuanyi (2014) Vol. 4, pp. 136-138	N	N/A	N/A	In vitro conservation technique of germplasm
2028.	Zhang, Z., Liang, Y., Ran, Y., Gou, X., Lin, C., Cai, C., Wu, D.	2005	Comparative study on the mutagenicity of the gasoline-fueled vehicle exhaust and methanol-fueled vehicle exhaust	Journal of hygiene research 34.2 (Mar 2005): 163-6	N	N/A	N/A	Mutagenicity of vehicle exhausts
2029.	Zhang, Z.H., Cheng, C.S., Chan, T.L., Yao, C.D.	2010	Experimental investigation on regulated and unregulated emissions of a diesel/methanol compound combustion engine with and without diesel oxidation catalyst	Sci Total Environ (2010) Vol. 408(4), pp. 865-72	N	N/A	N/A	Emissions of a diesel/methanol compound combustion engine
2030.	Zhang, Z.Z., Zhang, Q., Liang, Y., Li, C.Q., Huang, W.B., Wu, D.S.	2005	Comparative study on genotoxicity of gasoline-fueled and methanol-fueled vehicle exhaust	Sichuan Da Xue Xue Bao Yi Xue Ban (2005) Vol. 36(2), pp. 249-52	N	N/A	N/A	Genotoxicity of vehicle exhausts

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2031.	Zhao, G ; Cai, D; Wu, G; Tan, Q; Xiang, L; Zhang, Y; Xiang, N	2014	A study of structure and properties of molecularly thin methanol film using the modified surface forces apparatus	Microscopy research and technique 77.11 (Nov 2014): 851-6.	N	N/A	N/A	Structure and properties of molecularly thin methanol film
2032.	Zhao, H., Ji, M., De, Y., Xu, B., Li, J., Han, P.	2011	Research of two medicaments in prevention of mountain apricot blossom time freezing injury effect	Neimenggu Nongye Daxue Xuebao, Ziran Kexueban (2011) Vol. 32, No. 2, pp. 282-285	N	N/A	N/A	Efficacy study
2033.	Zhao, H., Wang, X., Wang, P., Zhou, Y., Xue, C., Jiang, L.	2013	Determination of volatile N-nitrosamine compounds in salted aquatic products by gas chromatography-mass spectrometry	Se Pu (2013) Vol. 31(3), pp. 223-7	N	N/A	N/A	Analytical method for the detection of nitrosamines in foodstuffs
2034.	Zhao, H; Yue, P	2011	Performance analysis of humid air turbine cycle with solar energy for methanol decomposition	Energy 36.5 (May 1, 2011): 2372-2380.	N	N/A	N/A	Performance analysis of humid air turbine cycle
2035.	Zhao, J., Song, P., Cui, Y., Liu, X., Sun, S., Hou, S., Ma, F.	2014	Effects of hydrogen bond on 2-aminopyridine and its derivatives complexes in methanol solvent	Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy 131 (Oct 15, 2014): 282-7.	N	N/A	N/A	Effects of hydrogen bond on 2-aminopyridine and its derivatives complexes
2036.	Zhao, J., Tang, N., Wu, K., Dai, W., Ye, C., Shi, J., Zhang, J., Ning, B., Zeng, X., Lin, Y.	2014	MiR-21 simultaneously regulates ERK1 by suppressing the proliferation and activation of hepatic stellate cells	PLoS One (2014) Vol. 9(10): e108005	N	N/A	N/A	No relevant endpoints investigated
2037.	Zhao, L., Wang, H., Liu, M., Guo, X., Wang, X., Song, C., Liu, H.	2008	Shape-selective methylation of 2-methylnaphthalene with methanol over hydrothermal treated HZSM-5 zeolite catalysts	Chemical Engineering Science 63.21 (Nov 2008): 5298-5303	N	N/A	N/A	Shape-selective methylation of 2-methylnaphthalene

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2038.	Zhao, M; Li, X; Zhang, L; Zhang, C; Gong, M; Chen, Y	2011	Catalytic decomposition of methanol to carbon monoxide and hydrogen over palladium supported on $\text{Ce}_{0.65}\text{Zr}_{0.30}\text{La}_{0.05}\text{O}_2$ and $\text{La-Al}_2\text{O}_3$	Catalysis today 175.1 (Oct 25, 2011): 430-434.	N	N/A	N/A	Catalytic decomposition of methanol to carbon monoxide and hydrogen
2039.	Zhao, Q., Carro, N., Ryu, H.Y., Benziger, J.	2012	Sorption and transport of methanol and ethanol in H^+ -nafion	Polymer 53.6 (Mar 9, 2012): 1267-1276.	N	N/A	N/A	Sorption and transport of methanol and ethanol in H^+ -nafion
2040.	Zhao, W; Shang, B; Du, S; Yuan, L; Yang, J; Zeng, X C	2012	Highly selective adsorption of methanol in carbon nanotubes immersed in methanol-water solution	The Journal of chemical physics 137.3 (Jul 21, 2012): 034501.	N	N/A	N/A	Methanol adsorption in carbon nanotubes
2041.	Zhao, X., Yuan, W., Wu, Q., Sun, H., Luo, Z., Fu, H.	2015	High-temperature passive direct methanol fuel cells operating with concentrated fuels	Journal of Power Sources 273 (Jan 1, 2015): 517-521.	N	N/A	N/A	High-temperature passive direct methanol fuel cells
2042.	Zhao, X., Zhu, J., Liang, L., Liao, J., Liu, C., Xing, W.	2012	Enhanced activity of Pt nano-crystals supported on a novel TiO_2/N -doped C nano-composite for methanol oxidation reaction	J Mater Chem (2012) Vol. 22, pp. 19718-19725	N	N/A	N/A	Enhanced activity of Pt nano-crystals for methanol oxidation reaction
2043.	Zhao, Y; Tan, W; Wu, H; Zhang, A; Liu, M; Li, G; Wang, X; Song, C; Guo, X.	2011	Effect of Pt on stability of nano-scale ZSM-5 catalyst for toluene alkylation with methanol into p-xylene	Catalysis today 160.1 (Feb 2, 2011): 179-183	N	N/A	N/A	Shape-selective methylation of toluene with methanol in continuous flow fixed-bed reactor

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2044.	Zhao, Y; Zhu, W; Wei, X; Fan, X; Cao, J; Dou, Y; Zong, Z; Zhao, W	2013	Synergic effect of methanol and water on pine liquefaction	Bioresource technology 142 (Aug 2013): 504-9.	N	N/A	N/A	Effects of methanol and water on pine liquefaction
2045.	Zheng, J., Cullen, D.A., Forest, R.V., Wittkopf, J.A., Zhang, Z., Sheng, W., Chen, J.G., Yan, Y.	2015	Platinum-ruthenium nanotubes and platinum-ruthenium coated copper nanowires as efficient catalysts for electro-oxidation of methanol	ACS Catal (2015) Vol. 5(3), pp. 1468-1474	N	N/A	N/A	Catalysts for electro-oxidation of methanol
2046.	Zheng, X.Y., Yang, Y.F., Li, W., Zhao, X., Sun, Y., Sun, H., Wang, Y.H., Pu, X.P.	2014	Two xanthones from <i>Swertia punicea</i> with hepatoprotective activities in vitro and in vivo	J Ethnopharmacol (2014) Bol. 153(3), pp. 854-63	N	N/A	N/A	Hepatoprotective effects of xanthones from <i>S. punicea</i>
2047.	Zhong, M., Nie, X., Yan, A., Yuan, Q.	2013	Carcinogenicity prediction of noncongeneric chemicals by a support vector machine	Chem Res Toxicol (2013) Vol. 26(5), pp. 741-9	N	N/A	N/A	Classification of chemicals as carcinogens or noncarcinogens
2048.	Zhong, Z.M., Huang, Z.J.	2011	Test tube cultivation technology for culturing strong potato plantlets suitable for winter planting	Journal of Southern Agriculture (2011) Vol. 42(7), pp. 712-714	N	N/A	N/A	Establishing production technology for test tube potato plantlets
2049.	Zhou, C., Gao, N., Deng, Y., Chu, W., Rong, W., Zhou, S.	2012	Factors affecting ultraviolet irradiation/hydrogen peroxide (UV/H2O2) degradation of mixed N-nitrosamines in water	J Hazard Mater (2012) Vol. 231-232, pp. 43-8	N	N/A	N/A	Nitrosamine degradation by UV radiation
2050.	Zhou, L.	2010	The effects of plant growth retardants on flowering of <i>Agapanthus praecox</i> ssp. <i>Orientalis</i> "Big Blue"	Anhui Nongye Kexue (2010) Vol. 38(15), pp. 7807-7809	N	N/A	N/A	Efficacy study

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2051.	Zhou, L., Gunther, S., Imbhil, R.	2005	Low-pressure methanol oxidation over a Cu(110) surface under stationary conditions: (I) reaction kinetics	Journal of Catalysis (2005) Vol. 230(1), pp. 166-72	N	N/A	N/A	Kinetics of methanol oxidation
2052.	Zhou, L., Zhu, X., Zhao, H., Lan, M., Shi, X.	2013	Methanol-induced oxidative stress in mice studied by electron paramagnetic resonance	Chinese Journal of Magnetic Resonance (2013) Vol. 30(4), pp. 507-515	N	N/A	N/A	Protective effects of rhubarb and Vitamin C on methanol-induced oxidative stress
2053.	Zhou, P-Q., Zhang, H-Y., Zhang, J., Yang, M-L.	2008	Emergency monitoring of methanol in water by GC with small volume direct injection	China Water & Wastewater 24.6 (Mar 2008): 86-87	N	N/A	N/A	Analytical detection of methanol in water
2054.	Zhou, R., Zhang, Q. Shao, J., Wang, Z., Chen, X., Kita, H,	2012	Optimization of NaY zeolite membrane preparation for the separation of methanol/methyl methacrylate mixtures	Desalination 291 (2012): 41-47.	N	N/A	N/A	Zeolite membrane preparation for the separation of methanol/methyl methacrylate mixtures
2055.	Zhou, S., Zhu, S., Shao, Y., Gao, N.	2014	Characteristics of C-, N-DBPs formation from algal organic matter: Role of molecular weight fractions and impacts of pre-ozonation	Water Res (2014) doi: 10.1016/j.watres.2014.11.023	N	N/A	N/A	Formation of disinfection byproducts from algal organic matter
2056.	Zhou, W., Chen, C., Lou, L., Yang, Q., Zhu, L.	2014	Formation potential of nine nitrosamines from corresponding secondary amines by chloramination	Chemosphere (2014) Vol. 95, pp. 81-7	N	N/A	N/A	Formation potential of nine nitrosamines

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2057.	Zhou, W., Zhai, C., Du, Y., Xu, J., Yang, P.	2009	Electrochemical fabrication of novel platinum-poly(5-nitroindole) composite catalyst and its application for methanol oxidation in alkaline medium	International Journal of Hydrogen Energy (2009) Vol. 34(23), pp. 9316-9323	N	N/A	N/A	Electrochemical fabrication of novel composite catalyst for methanol oxidation
2058.	Zhou, Z., Ren, X.	2008	Effects of B9 and CCC on the growth, flowering and physiological characteristics of <i>Chrysanthemum morifolium</i>	Anhui Nongye Kexue (2008) Vol. 36(27), pp. 11648-11649	N	N/A	N/A	Efficacy study
2059.	Zhou, Z; Zhang, Y; Wang, H; Chen, T; Lu, W	2014	The comparative photodegradation activities of pentachlorophenol (PCP) and polychlorinated biphenyls (PCBs) using UV alone and TiO ₂ -derived photocatalysts in methanol soil washing solution	PloS one 9.9 (Sep 25, 2014): e108765.	N	N/A	N/A	Photodegradation activities of PCP PCBs using UV photocatalysts in methanol soil washing solution
2060.	Zhu, L.F., Yin, Z.K., Zhang, R.T., Liu, L.L., Zhang Z.Y., Zhang, L., Chen, J.	2010	Experimental study on the optimization of the catalysts for methanol synthesis from stalk producer gas	Renewable Energy Resources 28.6 (2010): 80-83	N	N/A	N/A	Optimization of the catalysts for methanol synthesis
2061.	Zhu, S., Wu, Y., Yu, Z., Wang, C., Yu, F., Ding, Y., Jin, S.	2006	Preparation of S-(+)-ketoprofen by coupling the enantioselective hydrolysis of ketoprofen methyl ester with the photo-oxidation of methanol	Biocatalysis and Biotransformation 24.4 (Jul 2006 - Aug 2006): 306-310	N	N/A	N/A	Preparation of S-(+)-ketoprofen

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2062.	Zhu, X., Liu, R., Kuang, D., Liu, J., Shi, X., Zhang, T., Zeng, Y., Sun, X., Zhang, Y., Yang, W.	2014	The role of phospholipase D1 in liver fibrosis induced by dimethylnitrosamine in vivo	Dig Dis Sci (2014) Vol. 59(8), pp. 1779-88	N	N/A	N/A	Role and mechanism of phospholipase D on rat liver fibrosis
2063.	Zhu, X., Zhang, X., Yin, Y.	2011	Relative effects of different preservatives on the cut flowers	Beifang Yuanyi (2011) Vol. 9, pp. 185-188	N	N/A	N/A	Effects of preservatives on cut flowers
2064.	Zhu, Y., Wang, P.P., Zhao, J., Green, R., Sun, Z., Roebbothan, B., Squires, J., Buehler, S., Dicks, E., Zhao, J., Cotterchio, M., Campbell, P.T., Jain, M., Parfrey, P.S., McLaughlin, J.R.	2014	Dietary N-nitroso compounds and risk of colorectal cancer: a case-control study in Newfoundland and Labrador and Ontario, Canada	Br J Nutr (2014) Vol. 111(6), pp. 1109-17	N	N/A	N/A	Effects of dietary exposure to N-nitroso compounds on colorectal cancer; no relevant endpoints investigated
2065.	Zhuang, R.X., Wang, F.G., Zhou, H.P., Shi, T.T., Liu, S.R.	2012	The protective effect of N-acetylcysteine magnesium against liver cirrhosis with portal hypertension in rat	Zonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi (2012) Vol. 26(5), pp. 366-9	N	N/A	N/A	No relevant endpoints investigated
2066.	Zhuang, Y., Zhang, Y., Sun, L.	2012	Characteristics of fibre-rich powder and antioxidant activity of pitaya (<i>Hylocereus undatus</i>) peels	International Journal of Food Science and Technology (2012) Vol. 47(6), pp. 1279-1285	N	N/A	N/A	Characteristics of fibre-rich powder and antioxidant activity of pitaya peels

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2067.	Zieba, A., Pacula, A., Drelinkiewicz, A.	2010	Transesterification of triglycerides with methanol catalyzed by heterogeneous zinc hydroxy nitrate catalyst. Evaluation of variables affecting the activity and stability of catalyst	Energy Fuels (2010) Vol. 24(1), pp. 634-645	N	N/A	N/A	Transesterification of triglycerides with methanol
2068.	Zieba, A., Pacula, A., Serwicka, E.M., Drelinkiewicz, A.	2010	Transesterification of triglycerides with methanol over thermally treated Zn ₅ (OH) ₈ (NO ₃) ₂ ·2H ₂ O salt	Fuel (2010) Vol. 89(8), pp. 1961-1972	N	N/A	N/A	Transesterification of triglycerides with methanol
2069.	Zingue, S; Nde, C B M; Njamen, D	2015	The methanol-soluble fraction of <i>Millettia macrophylla</i> (Fabaceae) stem bark endowed with estrogenic properties has adverse effects on the male reproductive system of Wistar rats	Journal of Basic and Clinical Physiology and Pharmacology 26.1 (Jan 2015): 53-64.	N	N/A	N/A	Reprotoxicity of plant extracts in rats
2070.	Zu, Y; Tang, J; Zhu, W; Zhang, M; Liu, G; Liu, Y; Zhang, W; Jia, M	2011	Graphite oxide-supported CaO catalysts for transesterification of soybean oil with methanol	Bioresource technology 102.19 (Oct 2011): 8939-44.	N	N/A	N/A	Catalysts for transesterification of soybean oil with methanol
2071.	Zulke, A.A., Matos, R., Pereira, E.C.	2013	Metallic multilayered films electrodeposited over titanium as catalysts for methanol electro-oxidation	Electrochimica Acta (2013) Vol. 105, pp. 578-583	N	N/A	N/A	Catalysts for methanol electro-oxidation
2072.	Zuo HY; Zhang, L; Zhang, YT; Gui JY; Li, XY	2011	Determination of 8 kinds of acid herbicide residues in water by methanol-derived method	Environmental Science & Technology 34.1 (2011): 105-108	N	N/A	N/A	Analytical detection of residues in water

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
2073.	Zuo, Z; Han, P; Hu, J; Huang, W	2012	Effect of surface hydroxyls on DME and methanol adsorption over γ -Al(2)O(3) (hkl) surfaces and solvent effects: a density functional theory study	Journal of molecular modeling 18.12 (Dec 2012): 5107-11.	N	N/A	N/A	Effect of surface hydroxyls on DME and methanol adsorption
2074.	Zurich, M-G., Stanzel, S., Kopp-Schneider, A., Priet, P., Honegger, P.	2013	Evaluation of aggregating brain cell cultures for the detection of acute organ-specific toxicity	Toxicology In Vitro (2013) Vol. 27(4), pp. 1416-1424	N	N/A	N/A	Detection of acute organ-specific toxicity

Appendix 5: Details of relevancy criteria for individual data categories

Toxicology

As part of the determination of relevancy, the following criteria are considered to be fundamental when considering the relevance of an open-literature study: the test species, the test material and the use of different doses and the specific endpoints of interest. Studies that are relevant to the data requirements as detailed in Section 4.2 above are therefore studies that appropriately address these components i.e. studies which present a well-identified test material (including purity and impurity profile), a test relevant to the mammalian toxicological assessment (preferred species are rats and mice; the dog is the preferred non-rodent species), a number of animals per group sufficient to establish a statistical significance, several dose levels tested (at least 3), preferably including a negative control, to establish a dose response, relevant route of administration in terms of risk assessment (oral, dermal or inhalation) and a description of the observations, examinations and analysis or necropsy performed.

In the EFSA Guidance², only well-identified test material (but without including purity or impurity profile), a test which can be clearly related to mammalian toxicology and partly relevant (physiological) route of administration were considered as criteria which should be fulfilled in order to consider the study as relevant. Criteria such as purity profile, number of animals per group, dose levels tested, controls, examinations, analysis or necropsy performed are instead considered to be reliability criteria.

The criteria considered for relevancy of studies relating to individual toxicology data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Studies on absorption, distribution, metabolism and excretion in mammals (KCA 5.1)	1. Well-defined test material. 2. <i>In vivo</i> tests in relevant test species. 3. <i>In vitro</i> tests. 4. PBPK modelling. 5. Specific endpoint can be clearly related to this data requirement.
Acute toxicity (KCA 5.2)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Short-term toxicity (KCA 5.3)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Genotoxicity (KCA 5.4)	1. Well-defined test material. 2. <i>In vitro</i> tests. 3. <i>In vivo</i> tests in relevant test species. 4. Specific endpoint can be clearly related to this data requirement.

² EFSA Journal 2011;9(2):2092

Data requirement (data point)	Relevancy criteria considered
Long-term toxicity and carcinogenicity (KCA 5.5)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement
Reproductive toxicity (KCA 5.6)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Neurotoxicity studies (KCA 5.7)	1. Well-defined test material. 2. <i>In vivo</i> tests in relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Other toxicological studies (KCA 5.8)	1. Well-defined test material. 2. <i>In vitro</i> tests. 3. <i>In vivo</i> tests in relevant test species. 4. Relevant route of exposure. 5. Specific endpoint can be clearly related to this data requirement.
Medical data (KCA 5.9)	1. Well-defined test material. 2. Epidemiological studies. 3. Poisonings, clinical cases. 4. Relevant route of exposure.
Plant protection products	
Acute toxicity (KCP 7.1)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Data on exposure (KCP 7.2)	1. Well-defined test material. 2. Field studies. 3. Calculations. 4. Specific endpoint can be clearly related to this data requirement.
Dermal absorption (KCP 7.3)	1. Well-defined test material. 2. <i>In vitro</i> tests. 3. <i>In vivo</i> tests in relevant test species. 4. Specific endpoint can be clearly related to this data requirement.

Residues

The guidance on relevancy criteria detailed below is taken from AGES Interpretation³ of EFSA's Guidance document:

- Studies dealing with any crop treated with the active substance are considered to be relevant and not just studies dealing with the representative crops only. A broader spectrum of relevant literature might therefore show useful information considering the MRL setting and MRL review program at EU level; 'real' residue data that do not reflect the representative uses might be considered separately 'for MRL setting'.
- Bibliographic databases may also contain useful information about minor uses. Such studies can be considered as relevant for inclusion into the dossier, although the chances of finding such studies in the literature databases are rather limited; residue trials performed on minor uses are usually conducted by growers' associations and those studies are usually not published in peer-reviewed journals.
- Genetically modified (GMO) crops are covered by the present search concept and the corresponding studies should be selected for further consideration.
- Monitoring studies are not considered data requirements for the review of the active substances. However, in some cases monitoring data can be the basis for MRL setting. Monitoring data could be included on a case-by-case basis, after careful consideration.
- For active substances that are used in stores and containers, cross-contamination may be an issue. This issue should be considered on a case-by-case basis.

The criteria considered for relevancy of studies relating to individual residues data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Storage stability of residues (KCA 6.1)	Content of paper addresses data requirements for stability of residues of the active substance (defined test material) in representative substrates to ensure that the residue situation of a sample remains accurately quantifiable from the time of sampling to analysis.
Metabolism, distribution and expression of residues in plants (KCA 6.2)	Content of paper addresses data requirements for the metabolism, distribution and expression of residues of the active substance (defined test material with one or more radiolabelled forms) in plants in order to: - provide an estimate of the total terminal residues in the relevant portion of crops at harvest following treatment as proposed; - identify the major components of the total terminal residue; - indicate the distribution of residues between relevant crop parts; - quantify components of the residue and establish the efficiency of extraction procedures for these components; and - decide on the definition and expression of a residue.

³ EFSA supporting publication 2013:EN-511

Data requirement (data point)	Relevancy criteria considered
Metabolism, distribution and expression of residues in livestock (KCA 6.2)	Content of paper addresses data requirements for metabolism, distribution and expression of residues of the active substance (defined test material with one or more radiolabelled forms) in livestock (poultry, ruminants, pigs, fish) in order to: - identify the major components of the total terminal residue in edible animal products; - quantify the rate of degradation and excretion of the total residue in certain animal products (milk or eggs) and excreta; - to indicate the distribution of residues between relevant edible animal products; - quantify the major components of the residues and to show the efficiency of the extraction procedures for these components; - generate data from which a decision on the need for livestock feeding studies can be made; and - decide on the definition and expression of a residue.
Magnitude of residue trials in plants (KCA 6.3)	Content of paper addresses data requirements for the presence of residues of the active substance (defined test material) on and in plants and plant products in order to determine the level of residues, and where appropriate, the decline of residues, and to assess the consequences of these residues on the health of man.
Feeding studies (KCA 6.4)	Content of paper addresses data requirements for feeding studies to determine the residue of the active substance (defined test material) in products of animal origin (ruminants, poultry, pigs, fish) which will result from residues in feedingstuffs or fodder crops in order to assess the consequences of these on human health.
Effects of processing (KCA 6.5)	Content of paper addresses data requirements for effects of processing on: - the nature of the active substance (defined test material) in order to show whether or not breakdown or reaction products arise during processing which may require a risk assessment; - the magnitude of the active substance (defined test material) in order to determine the quantitative distribution of residues in processed commodities, to estimate processing factors and to allow a more realistic estimation of dietary intake of residues.
Residues in rotational crops (KCA 6.6)	Content of paper addresses data requirements for residues of the active substance in crops grown in rotation to a treated crop to allow the determination: - of the nature and extent and potential residue accumulation of the active substance (defined test material with one or more radiolabelled forms) in rotational crops from soil uptake; - of the magnitude of residues of the active substance (defined test material) in rotational crops under realistic field conditions in order to assess the consequences of these on human health.

Data requirement (data point)	Relevancy criteria considered
Estimation of the potential and actual exposure through diet and other sources (KCA 6.9)	Content of the paper addresses data requirements for the consumer exposure assessment. This involves the possible presence of residues according to the residue definition established for risk assessment (defined test material) from other sources than plant protection product uses (biocides, veterinary drugs) and their aggregate exposure and the cumulative exposure to more than one active substance.
Effect on the residue level in pollen and bee products (KCA 6.10.1)	Content of paper addresses data requirements for residue levels of the active substance (defined test material) in pollen and bee products for human consumption resulting from residues taken up by honeybees from crops at blossom in order to assess the consequences of these on human health.

Environmental fate

As part of the determination of relevancy, the following criteria are considered to be fundamental when considering the relevance of an open-literature study:

- Generally, degradation studies are considered relevant if they are carried out with the active substance only, and not with mixtures, since this may significantly influence the degradation behaviour. For laboratory soil degradation studies, the substrate used needs to be considered; in order to realistically reflect agro-ecosystems, it is crucial that the study is conducted with soil and that the soil is not contaminated and is representative of European agricultural soils. Temperature and moisture should be considered as reliability criteria. For field studies, relevance is based on (pedo-)climatic conditions being representative for European agriculture.
- The application of the test material needs to be considered because studies are not considered relevant if the application rates are significantly outside the representative use or the active substance is applied as a by-product (e.g. as a component of organic soil amendments).
- For adsorption studies, the substrate used needs to be considered.
- Relevance criteria for the aquatic compartment are analogous to those of soil-related data requirements.
- Monitoring studies, including those for air, may be considered relevant if the areas investigated are representative for Europe. Studies which are purely analytical, i.e. they determine levels of the active substance in certain environmental compartments, are not considered as relevant

The criteria considered for relevancy of studies relating to individual environmental fate data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Fate and behaviour in soil (KCA 7.1)	1. Well-defined test material applied as active substance or plant protection product (not as a by-product or ingredient of a soil amendment). 2. Substrate is a representative soil for agricultural uses with well-defined soil properties (e.g. pH, organic carbon content, microbial biomass etc). This is also relevant for field studies. 3. No previous contamination of the soil. 4. Active substance is not applied as a mixture with other active substances.
Fate and behaviour in water and sediment (KCA 7.2)	1. Well-defined test material applied as active substance or plant protection product. 2. Test samples used are samples from representative European aquatic resources with no contamination 3. Active substance is not applied as a mixture with other active substances.
Fate and behaviour in air (KCA 7.3)	1. Well-defined test material. 2. Areas investigated are relevant for Europe.

Ecotoxicology

As part of the determination of relevancy, the following criteria are considered to be fundamental when considering the relevance of an open-literature study:

- Studies should address the data requirements detailed in Commission Regulations (EU) No. 283/2013 and 284/2013.
- Studies need to be performed with defined test material which is the appropriate active substance, metabolite or plant protection product.
- The test species in laboratory studies should be relevant to the EU i.e. studies which contain test species which are not found in the EU are not considered to be relevant.
- Both the route of exposure and length of exposure of the test material should be appropriate. Studies which have exposure which is either too long or too short or via an inappropriate route are not considered to be relevant. Studies with *in vivo* or *ex vivo* exposure are considered relevant; *in vitro* tests may potentially be relevant and should be considered appropriately.
- Toxicity modelling (e.g. QSAR), literature review papers, meta-analysis papers, risk analysis papers and environmental monitoring papers are generally considered to not be relevant.
- Apart from mixture toxicity, other multi-stressor studies e.g. active substance and physico-chemical stress, are not considered to be relevant.
- Field studies should be performed to conditions which are relevant to the EU e.g. climate, crop species, test species.

The criteria considered for relevancy of studies relating to individual ecotoxicology data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Effects on birds and other terrestrial vertebrates (KCA 8.1)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. Studies on mammals are covered by the toxicology section except for non-target vertebrate species. 4. Route and length of exposure should be appropriate.
Effects on aquatic organisms (KCA 8.2)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.
Effect on arthropods (KCA 8.3)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.
Effects on non-target soil meso- and macrofauna (KCA 8.4)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Length of exposure should be appropriate.

Data requirement (data point)	Relevancy criteria considered
Effects on soil nitrogen transformation (KCA 8.5)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Length of exposure should be appropriate. 4. Substrate used should be appropriate.
Effects on terrestrial non-target higher plants (KCA 8.6)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.
Effects on other terrestrial organisms (flora and fauna) (KCA 8.7)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.
Effects on biological methods for sewage treatment (KCA 8.8)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Route and length of exposure should be appropriate. 4. Substrate used should be appropriate.