# Chemical bibliographic databases : influence of term indexing policies on topic searches

**Gilles Niel,*[a] Fabrice Boyrie[b] and David Virieux[a]**

[a] *Institut Charles Gerhardt Montpellier (ICGM), UMR 5253 CNRS-UM-ENSCM, Ecole Nationale Supérieure de Chimie, 8, rue de l'Ecole Normale, 34296 Montpellier, France; E-mail: gilles.niel@enscm.fr*
[b] *Institut Charles Gerhardt Montpellier (ICGM), UMR 5253 CNRS-UM-ENSCM, Université de Montpellier, Place E. Bataillon, 34095 Montpellier, France*

## Index

**Table 1:** Diversity of studied chemical domains.

| Queried expression | Category 1 | | Category 2 | | Unique articles | WoS's counts |
|---|---|---|---|---|---|---|
| | Item | Item count | Item | Item count | | |
| allene(s) | Chemistry, Organic | 185 | Chemistry, Multidisciplinary | 131 | 466 | 10543 |
| organocatalysis | Chemistry, Organic | 434 | Chemistry, Multidisciplinary | 334 | 963 | 8873 |
| peptidomimetics | Biochemistry & Molecular Biology | 78 | Chemistry, Organic | 57 | 257 | 4984 |
| agostic interactions | Chemistry, Inorganic & Nuclear | 37 | Chemistry, Multidisciplinary | 19 | 63 | 1171 |
| battery electrodes | Electrochemistry | 345 | Chemistry, Physical | 208 | 1008 | 17215 |
| graphene biosensors | Chemistry, Multidisciplinary | 17 | Chemistry, Analytical | 13 | 47 | 1030 |
| N-heterocyclic carbene(s) | Chemistry, Multidisciplinary | 208 | Chemistry, Inorganic & Nuclear | 130 | 629 | 7291 |
| modified nucleoside(s) | Energy & Fuels | 43 | Chemistry, Organic | 19 | 114 | 2715 |
| phosphine ligand(s) | Chemistry, Inorganic & Nuclear | 123 | Chemistry, Multidisciplinary | 82 | 319 | 6537 |
| renewable feedstock | Energy & Fuels | 13 | Biotechnology & Applied Microbiology | 8 | 92 | 1102 |
| copper (cu) catalyzed arylation | Chemistry, Organic | 60 | Chemistry, Multidisciplinary | 29 | 103 | 976 |
| hybrid materials and nanoparticles | Chemistry, Multidisciplinary | 88 | Chemistry, Physical | 42 | 234 | 2787 |
| viscosity of ionic liquids | Chemistry, Physical | 110 | Chemistry, Multidisciplinary | 83 | 350 | 3728 |
| band gap in solar cells | Materials Science | 115 | Chemistry, Physical | 109 | 599 | 7990 |
| statistical analyses of DNA microarrays | Biochemical Research Methods | 20 | Oncology | 14 | 93 | 1086 |
| surface area in mesoporous materials | Chemistry, Physical | 139 | Chemistry, Multidisciplinary | 82 | 193 | 6299 |

The 16 studied expressions were queried in WoS and the two most representative WoS's categories were reported in columns 2 and 4. Columns 3 and 5 refer to the given item counts. Column 6 is a reminder of values reported in Table 3, column 5 of the manucript. Column 7 displays the reference count obtained from 1900 to 2014 after discarding meeting abstracts and corrections.

**Table 2:** Evolution of hit counts (columns 3-5) during the time span 1990-2010 and overlapping references of the three databases expressed as their Common/Union percentages (columns 6-8).

| | | Unique articles | | | Common/union | | |
|---|---|---|---|---|---|---|---|
| | | Scifinder | WoS | Scopus | Scifinder/ WoS | Scifinder/ Scopus | Scopus/ WoS |
| allenes | 1990 | 250 | 105 | 127 | 31,5 | 37,1 | 47,8 |
| | 1995 | 397 | 247 | 187 | 44,4 | 33,6 | 56,1 |
| | 2000 | 468 | 341 | 304 | 44,5 | 42,2 | 60 |
| | 2005 | 536 | 415 | 331 | 45,2 | 52,4 | 65,4 |
| | 2010 | 585 | 466 | 356 | 41,3 | 49,1 | 59 |
| peptido mimetics | 1990 | 7 | 4 | 5 | 42,9 | 71,4 | 60 |
| | 1995 | 100 | 108 | 88 | 66,4 | 69,4 | 64,7 |
| | 2000 | 212 | 209 | 166 | 53,1 | 56,8 | 55,6 |
| | 2005 | 268 | 267 | 215 | 44,6 | 54,3 | 64,5 |
| | 2010 | 305 | 257 | 294 | 47,9 | 50,9 | 57,9 |
| battery electrodes | 1990 | 110 | 30 | 246 | 15,7 | 17,9 | 8,7 |
| | 1995 | 397 | 247 | 187 | 21,12 | 22,3 | 25,9 |
| | 2000 | 468 | 341 | 304 | 29,4 | 27,3 | 30,9 |
| | 2005 | 536 | 415 | 331 | 36,5 | 33 | 35,5 |
| | 2010 | 806 | 1008 | 816 | 35,8 | 42,9 | 42,9 |
| band gap in solar cells | 1990 | 44 | 4 | 15 | 4,3 | 3,5 | 0 |
| | 1995 | 31 | 29 | 26 | 11,1 | 16,3 | 34,1 |
| | 2000 | 45 | 61 | 47 | 16,5 | 10,8 | 30,1 |
| | 2005 | 108 | 153 | 166 | 23,4 | 23,1 | 33,5 |
| | 2010 | 430 | 599 | 424 | 21,5 | 29,4 | 39,9 |

ALL REFERENCES FROM TABLE 8

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Organocatalysis-analysis-specific-scifinder-WoS (column 3)
==========
Results: 50 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Journal:
---
10.1002/0471264229.os087.22
10.1002/chin.201126210
10.1002/tcr.201000006
10.1002/tcr.201000006
10.1007/7081_2010_30
10.1007/978-90-481-3696-4_4
10.1149/1.3312760
10.5155/eurjchem.1.1.54-60.2
10.5155/eurjchem.1.3.232-235.112

AU - Giacalone, F
T1 - Advantages in supporting chiral organocatalysts.
JF - Chimica e l'Industria (Milan, Italy)

AU - Bandala, Y
T1 - Recent advances in the application of alpha-phenylethylamine (alpha-PEA)in the preparation of enantiopure compounds.
JF - Aldrichimica Acta

AU - Anonymous
T1 - Merging photoredox catalysis with organocatalysis: the direct asymmetric alkylation of aldehydes.
JF - Chemtracts

AU - Tavor, D
T1 - Enantioselective hydrogenation of beta-keto esters using homogeneous and heterogeneous catalysts, a case study for comparison of different catalytic methodologies.
JF - Journal of Chemistry and Chemical Engineering

AU - Fuchise, K
T1 - Group Transfer polymerization of N,N-dimethylacrylamide promoted by super Bronsted acid as an organocatalyst.
JF - Polymer Preprints (American Chemical Society, Division of Polymer Chemistry)

AU - Waymouth, R
T1 - New catalysts for monomer and polymer synthesis.
JF - Polymer Preprints (American Chemical Society, Division of Polymer Chemistry)

AU - Rowlands, G
T1 - Synthetic methods. Part I: Free-radical reactions.
JF - Annual Reports on the Progress of Chemistry, Section B: Organic Chemistry

AU - Buckley, B
AU - Neary, S
T1 - Organocatalysis.
JF - Annual Reports on the Progress of Chemistry, Section B: Organic Chemistry

AU - Bachrach, S
T1 - Computational organic chemistry.
JF - Annual Reports on the Progress of Chemistry, Section B: Organic Chemistry

AU - Yamaguchi, E
T1 - Synthesis of biocompatible block copolymers using well-defined polyphosphoester macroinitiators.
JF - PMSE Preprints

AU - Lu, J
T1 - Organocatalytic ring opening copolymerization of D,L-lactide and 2-methyl-2-carboxytrimethylene carbonate: characterization, PEG grafting and self-assembly.
JF - PMSE Preprints

AU - Fukushima, K
T1 - Closing the loop on recycling: organocatalytic depolymerization of poly(ethylene terephthalate).
JF - PMSE Preprints

Document types:
----------------------
10.1002/anie.201000372        ==> Book reviews
10.1002/ejoc.201001323        ==> Conference Reports
10.1021/ja103586v                ==> Book reviews
10.1021/op100213x                ==> Book reviews
10.1134/s1070428010110266  ==> Conference Proceedings

Index terms:
-----------------
10.1021/ja909619a
10.1021/jo101832e
10.1021/ol101435w
10.1021/ol102064b

Modified terms:
--------------
10.1021/jo101220q    ==> hyphen in the abstract indexed by WoS
10.1021/ma9019152    ==> abstract excerpted by Scifinder from the conclusion

Abstracts:
-------------
10.1002/anie.201001865  ==> not indexed by WoS

Different year:
------------------
6 articles from Topics in Current Chemistry published online in 2009 and in 2010 in printed version by WoS.

10.1007/128_2008_17
10.1007/128_2008_23
10.1007/128_2008_25
10.1007/128_2009_1
10.1007/128_2009_3

AU  - List, B
T1  - Enough organocatalysis?
JF  - Topics in current chemistry

Wrong DOI: wrong transcription by WoS
--------------
10.1002/adsc.201000309
10.1016/j.tet.2010.09.021
10.1021/ol101894h
10.1021/ol101969t
10.1070/rc2010v079n07abeh004156

Miscellaneous:
------------------
10.1002/chem.201001914        ==> different journal title indexed by Medline : 'Chemistry' instead of 'Chemistry--A European Journal'
10.1002/chem.201090006        ==> Correction discarded by Iddup
10.1007/978-3-642-04722-0_5   ==> Book Chapter discarded by Iddup
10.1021/jo1003899                ==> the 0.8 similarity score on the title is too high because of the presence of the term [corrected]
10.1039/c0gc00083c               ==> no reason found


Organocatalysis-analysis-specific-WoS-scifinder (column 4)
============================================================
Results: 410 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Document types:
----------------------
10.1055/s-0030-1258334 ==> Editorial

Index terms:
---------------
10.1002/adsc.201000079
10.1002/adsc.201000093
10.1002/adsc.201000178
10.1002/adsc.201000187

10.1002/adsc.201000515
10.1002/anie.200902945
10.1002/anie.200905544
10.1002/anie.200906573
10.1002/anie.201001658
10.1002/anie.201002315
10.1002/anie.201004051
10.1002/anie.201004311
10.1002/anie.201004593
10.1002/anie.201004777
10.1002/asia.200900458
10.1002/cbic.200900345
10.1002/cctc.200900273
10.1002/chem.200902487
10.1002/chem.200903342
10.1002/chem.200903418
10.1002/chem.200903443
10.1002/chem.200903484
10.1002/chem.200903537
10.1002/chem.201000615
10.1002/chem.201000650
10.1002/chem.201000688
10.1002/chem.201000861
10.1002/chem.201000989
10.1002/chir.20841
10.1002/chir.20847
10.1002/cjoc.201090274
10.1002/cphc.200900848
10.1002/ejoc.201000609
10.1002/ejoc.201000801
10.1002/ejoc.201001117
10.1007/s10562-010-0351-y
10.1007/s11244-009-9423-x
10.1007/s11426-010-4069-x
10.1007/s11434-010-3122-7
10.1012/jo100844g
10.1016/j.apcata.2010.07.057
10.1016/j.cclet.2009.10.012
10.1016/j.ejmech.2010.09.015
10.1016/j.mencom.2010.03.001
10.1016/j.tet.2009.11.085
10.1016/j.tet.2010.02.053
10.1016/j.tet.2010.08.055
10.1016/j.tet2010.09.044
10.1016/j.tet.2010.10.040
10.1016/j.tet.2010.10.072
10.1016/j.tetasy.2009.12.013
10.1016/j.tetasy.2010.02.003
10.1016/j.tetasy.2010.02.009
10.1016/j.tetasy.2010.02.025
10.1016/j.tetasy.2010.03.014
10.1016/j.tetasy.2010.03.026
10.1016/j.tetasy.2010.03.041
10.1016/j.tetasy.2010.04.015
10.1016/j.tetasy.2010.04.019
10.1016/j.tetasy.2010.04.032
10.1016/j.tetasy.2010.05.048
10.1016/j.tetasy.2010.06.002
10.1016/j.tetasy.2010.10.002
10.1016/j.tetlet.2009.10.130
10.1016/j.tetlet.2009.11.090
10.1016/j.tetlet.2010.02.007
10.1016/j.tetlet.2010.02.149
10.1016/j.tetlet.2010.03.039
10.1016/j.tetlet.2010.03.053
10.1016/j.tetlet.2010.03.067
10.1016/j.tetlet.2010.04.021
10.1016/j.tetlet.2010.04.132
10.1016/j.tetlet.2010.05.003
10.1016/j.tetlet.2010.05.111
10.1016/j.tetlet.2010.10.029
10.1016/j.theochem.2010.09.020
10.1021/bm100433c
10.1021/cc100003c

10.1021/cc100007a
10.1021/cc100104k
10.1021/ja100173w
10.1021/ja100539c
10.1021/ja101251d
10.1021/ja103618r
10.1021/ja1037935
10.1021/ja1043006
10.1021/ja104386g
10.1021/ja105194s
10.1021/ja105320c
10.1021/ja105945z
10.1021/ja1061196
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10.1021/ja907781t
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10.1021/ja909145y
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10.1021/ja910631u
10.1021/jo100026h
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10.1021/jo101510x
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10.1021/ma101461y
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10.1021/o1102043x
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10.1021/ol1005104
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10.1021/ol1005714
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10.1021/ol100729t
10.1021/ol100856u
10.1021/ol100857s
10.1021/ol1008697
10.1021/ol100918d
10.1021/ol101098x
10.1021/ol101146f
10.1021/ol101353r
10.1021/ol101576q
10.1021/ol101601d
10.1021/ol101607z
10.1021/ol1019234
10.1021/ol101990d
10.1021/ol102256v
10.1021/ol102269s
10.1021/ol1023932
10.1021/ol102499r
10.1021/ol902703k
10.1021/ol902873q
10.1021/ol902969j
10.1021/om100789n
10.1021/om901086q
10.1021/op1000447

10.1038/nchem.687
10.1038/nchem.727
10.1039/b914497h
10.1039/b915577e
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10.1039/b915852a
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10.1055/s-0030-1259069
10.1073/pnas.1002830107
10.1080/00397910902964874
10.1080/00397911003794517
10.1107/s1600536810045423
10.1134/s0023158410020096
10.1134/s0023158410050058
10.1351/pac-con-09-07-05
10.2478/s11532-009-0136-6
10.3184/030823409x12615671424822
10.3184/030823410x12682297999384
10.3390/molecules15010532
10.3390/molecules15031280
10.3390/molecules15118305
10.3390/molecules15118327
10.3762/bjoc.6.65
10.3987/com-09-s(s)71
10.3987/com-10-11926

10.5012/bkcs.2010.31.03.700
10.5012/bkcs.2010.31.5.1280

AU  - Lv, H
T1  - Enantioselective Synthesis of Indole-Fused Dihydropyranones via Catalytic Cycloaddition of Ketenes and 3-Alkylenyloxindoles
JF  - Journal of Organic Chemistry

AU  - Lv, H
T1  - Enantioselective Synthesis of Indole-Fused Dihydropyranones via Catalytic Cycloaddition of Ketenes and 3-Alkylenyloxindoles
JF  - Journal of Organic Chemistry

AU  - Shen, W
T1  - Ionic Liquid-coordinated Ytterbium(III) Sulfonate Catalyzed Michael Addition of Indoles to Electron-deficient Nitroolefins
JF  - Chinese Journal of Chemistry

AU  - Leighton, J
T1  - Powerful and Versatile Silicon Lewis Acids for Asymmetric Chemical Synthesis
JF  - Aldrichimica Acta

AU  - Tabatabaeian, K
T1  - An efficient Ru-III/BINAP catalytic system for the aldol reactions of ketones with various aldehydes
JF  - ARKIVOC

AU  - Zhang, Y
T1  - An Environment-Friendly and Efficient Method for Aldol Condensation Catalyzed by L-Lysine in Pure Water
JF  - Letters in Organic Chemistry

Modified terms: a hyphen was added (organo-cataly*)
---
10.1002/adsc.201000274
10.1002/ejoc.201000616
10.1002/ejoc.201000818
10.1002/ejoc.201000851
10.1016/j.tet.2010.05.056 ==> modified term in the title
10.1016/j.tetasy.2010.04.050
10.1016/j.tetasy.2010.10.024
10.1021/jo1003899
10.1055/s-0029-1218547

Abstracts: CAS modified the abstract
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10.1002/adsc.200900865
10.1002/adsc.201000419
10.1002/jhet.371
10.1016/j.cclet.2009.10.012
10.1016/j.tet.2010.10.064
10.1016/j.tetasy.2010.04.014
10.1016/j.tetasy.2010.04.033
10.1016/j.tetasy.2010.08.012
10.1039/c0jm02591g
10.2174/157017810790533904

Author keywords: modified or suppressed term in the author keywords
---
10.1002/adsc.200900630
10.1002/adsc.200900657
10.1002/adsc.200900865
10.1002/adsc.200900900
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10.1002/anie.201004940
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10.1002/anie.201005347
10.1002/anie.201005409
10.1002/anie.201005490
10.1002/aoc.1658
10.1002/app.29892
10.1002/cctc.200900126
10.1002/cctc.200900256
10.1002/cctc.200900323
10.1002/cctc.201000065
10.1002/chem.200902518
10.1002/chem.200902678
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10.1002/chir.20783
10.1002/cjoc.201090292
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10.1002/ejoc.200900932
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10.1002/ejoc.201000070
10.1002/ejoc.201000220

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10.1002/ejoc.201000592
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10.1002/ejoc.201001115
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10.1002/poc.1707
10.1002/poc.1737
10.1007/s00706-010-0357-6
10.1007/s00706-010-0410-5
10.1007/s11434-010-3152-1
10.1007/s11434-010-3152-1
10.1007/s12039-010-0017-8
10.1016/j.catcom.2010.07.010
10.1016/j.cattod.2010.03.081
10.1016/j.jcat.2009.10.009
10.1016/j.tet.2009.12.041
10.1016/j.tet.2010.01.085
10.1016/j.tet.2010.02.013
10.1016/j.tet.2010.03.010
10.1016/j.tet.2010.04.044
10.1016/j.tet.2010.04.132
10.1016/j.tet.2010.08.069
10.1016/j.tet.2010.10.061
10.1016/j.tetlet.2009.12.096
10.1016/j.tetlet.2010.01.096
10.1016/j.tetlet.2010.01.103
10.1016/j.tetlet.2010.01.106
10.1016/j.tetlet.2010.02.082
10.1016/j.tetlet.2010.06.106
10.1016/j.tetlet.2010.07.131
10.1016/j.tetlet.2010.07.164
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10.1055/s-0030-1259068
10.1073/pnas.1001111107
10.1073/pnas.1001150107
10.1073/pnas.1004439107
10.1073/pnas.1006509107
10.1080/15257770.2010.497014
10.2174/157017810791514652
10.3390/molecules15031501
10.3987/com-09-s(s)66
10.3998/ark.5550190.0011.229
10.3998/ark.5550190.0011.914
10.3998/ark.5550190.0011.a03

AU  - Wu, Q
T1  - Practical and Efficient Acylation and Tosylation of Sterically Hindered Alcohols Catalyzed with 1-Methylimidazole
JF  - Chemical Research in Chinese Universities

Different year:
---
10.1016/j.molcata.2009.10.008    ==> indexed in 2009 by CAS
10.1016/j.molcata.2009.10.013

Wrong DOI: wrong transcription by WoS
---
10.1002/adsc.201.000309
10.1016/j.tet.2010.09021

10.1021/01101894h
10.1021/ol1019691
10.1070/rc2010v79n07abeh004156

Organocatalysis-analysis-specific-scifinder-scopus (column 5)
==========
Results: 33 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Journal:
----------
10.1002/tcr.201000006
10.1007/7081_2010_30
10.1007/978-90-481-3696-4_2
10.1007/978-90-481-3696-4_4
10.1186/1759-2208-1-8
10.2533/chimia.2010.303
10.5155/eurjchem.1.1.54-60.2
10.5155/eurjchem.1.3.232-235.112

AU  - Wolfson, A
T1  - Enantioselective hydrogenation of beta-keto esters using homogeneous and heterogeneous catalysts, a case study for comparison of different catalytic methodologies.
JF  - Journal of Chemistry and Chemical Engineering
N1  - CAPLUS AN 2011:1675358

AU  - Wennemers, H
T1  - Short peptides for organocatalytic reactions.
JF  - Chimia
N1  - CAPLUS AN 2011:84087

AU  - Yamaguchi, E
T1  - Synthesis of biocompatible block copolymers using well-defined polyphosphoester macroinitiators.
JF  - PMSE Preprints
N1  - CAPLUS AN 2010:984120

AU  - Fuchise, K
T1  - Group Transfer polymerization of N,N-dimethylacrylamide promoted by super Bronsted acid as an organocatalyst.
JF  - Polymer Preprints
N1  - CAPLUS AN 2010:977563

AU  - Waymouth, R
T1  - New catalysts for monomer and polymer synthesis.
JF  - Polymer Preprints
N1  - CAPLUS AN 2010:977287

AU  - Lu, J
T1  - Organocatalytic ring opening copolymerization of D,L-lactide and 2-methyl-2-carboxytrimethylene carbonate: characterization, PEG grafting and self-assembly.
JF  - PMSE Preprints
N1  - CAPLUS AN 2010:350074

AU  - Fukushima, K
T1  - Closing the loop on recycling: organocatalytic depolymerization of poly(ethylene terephthalate).
JF  - PMSE Preprints
N1  - CAPLUS AN 2010:349388

AU  - Giacalone, F
T1  - Advantages in supporting chiral organocatalysts.
JF  - Chimica e l'Industria
N1  - CAPLUS AN 2010:320513

Document types:
----------
10.1002/anie.201000372  ==> Book review
10.1002/chem.201090006  ==> Erratum in Scopus and Journal article in SFS
10.1021/ja103586v  ==> Book review
10.1021/op100213x  ==> Book review
10.1149/1.3312760  ==> Conference in Scopus and Journal article in SFS

Index terms:
----------
10.1016/j.tetasy.2010.09.016

10.1021/ja909619a
10.1021/jo101832e
10.1021/jo902081w
10.1021/ol100166z
10.1021/ol101435w
10.1021/ol102064b

Abstracts:
---
10.1134/s1070428010110266
10.1038/nchem.913

Different year:
---
10.1002/chem.201001914

Wrong DOI:
---
10.1002/chem.200903025

Miscellaneous:
---
10.1021/jo1003899 ==> the 0.8 similarity score on the title is too high because of the presence of the term [corrected] in the title.

Organocatalysis-analysis-specific-scopus-scifinder (column 6)
==========
Results: 188 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Journal:
---
10.1007/s11434-010-3152-1
10.1007/s11084-010-9213-2

AU - Vicario, J
T1 - Organocatalytic enantioselective conjugate addition reactions: A powerful tool for the stereocontrolled synthesis of complex molecules
JF - RSC Catalysis Series

AU - Pellissier, H
T1 - Recent developments in asymmetric organocatalysis
JF - RSC Catalysis Series

Index terms:
---
10.1002/adsc.200900630
10.1002/adsc.200900657
10.1002/adsc.200900900
10.1002/adsc.200900902
10.1002/adsc.201000031
10.1002/adsc.201000045
10.1002/adsc.201000106
10.1002/adsc.201000240
10.1002/adsc.201000255
10.1002/adsc.201000334
10.1002/adsc.201000357
10.1002/adsc.201000508
10.1002/adsc.201000547
10.1002/adsc.201000553
10.1002/adsc.201000562
10.1002/adsc.201000602
10.1002/adsc.201000612
10.1002/adsc.201000658
10.1002/anie.200904779
10.1002/anie.200905125
10.1002/anie.200906095
10.1002/anie.200906629
10.1002/anie.200906647
10.1002/anie.200907076
10.1002/anie.200907275
10.1002/anie.200907352
10.1002/anie.201000045

10.1002/anie.201000824
10.1002/anie.201001588
10.1002/anie.201001673
10.1002/anie.201001723
10.1002/anie.201002065
10.1002/anie.201002485
10.1002/anie.201002965
10.1002/anie.201002972
10.1002/anie.201003188
10.1002/anie.201003600
10.1002/anie.201003681
10.1002/anie.201004072
10.1002/anie.201004161
10.1002/anie.201004619
10.1002/anie.201004778
10.1002/anie.201004940
10.1002/anie.201005183
10.1002/anie.201005347
10.1002/anie.201005490
10.1002/aoc.1658
10.1002/app.29892
10.1002/cctc.200900126
10.1002/cctc.200900256
10.1002/cctc.200900323
10.1002/cctc.201000065
10.1002/chem.200902518
10.1002/chem.200902678
10.1002/chem.200902698
10.1002/chem.200902818
10.1002/chem.200902907
10.1002/chem.200903043
10.1002/chem.200903217
10.1002/chem.201000161
10.1002/chem.201000219
10.1002/chem.201000376
10.1002/chem.201000911
10.1002/chem.201001120
10.1002/chem.201001207
10.1002/chem.201001523
10.1002/chem.201001598
10.1002/chem.201001662
10.1002/chem.201001764
10.1002/chem.201002071
10.1002/chem.201002202
10.1002/chem.201002240
10.1002/chem.201002490
10.1002/chir.20754
10.1002/chir.20783
10.1002/cjoc.201090292
10.1002/cjoc.201090327
10.1002/cssc.201000105
10.1002/ejoc.200900932
10.1002/ejoc.200901164
10.1002/ejoc.200901403
10.1002/ejoc.200901509
10.1002/ejoc.201000070
10.1002/ejoc.201000220
10.1002/ejoc.201000365
10.1002/ejoc.201000378
10.1002/ejoc.201000424
10.1002/ejoc.201000476
10.1002/ejoc.201000502
10.1002/ejoc.201000592
10.1002/ejoc.201000810
10.1002/ejoc.201001115
10.1002/ejoc.201001219
10.1002/ejoc.201001221
10.1002/poc.1707
10.1002/poc.1737
10.1007/128_2008_18
10.1007/128_2008_21
10.1007/128_2008_28
10.1007/s00706-010-0357-6
10.1007/s00706-010-0410-5

10.100/chem.200903025
10.1016/j.catcom.2010.07.010
10.1016/j.cattod.2010.03.081
10.1016/j.jcat.2009.10.009
10.1016/j.tet.2009.12.041
10.1016/j.tet.2010.01.085
10.1016/j.tet.2010.02.013
10.1016/j.tet.2010.03.010
10.1016/j.tet.2010.04.044
10.1016/j.tet.2010.04.132
10.1016/j.tet.2010.08.069
10.1016/j.tet.2010.10.061
10.1016/j.tetasy.2010.04.033
10.1016/j.tetlet.2009.12.096
10.1016/j.tetlet.2010.01.096
10.1016/j.tetlet.2010.01.103
10.1016/j.tetlet.2010.01.106
10.1016/j.tetlet.2010.02.082
10.1016/j.tetlet.2010.06.106
10.1016/j.tetlet.2010.07.131
10.1016/j.tetlet.2010.07.164
10.1055/s-0029-1218539
10.1055/s-0029-1218570
10.1055/s-0029-1218640
10.1055/s-0029-1218651
10.1055/s-0029-1218792
10.1055/s-0029-1219337
10.1055/s-0029-1219920
10.1055/s-0029-1219929
10.1055/s-0030-1258090
10.1055/s-0030-1258505
10.1055/s-0030-1258777
10.1055/s-0030-1259003
10.1055/s-0030-1259068
10.1073/pnas.1001111107
10.1073/pnas.1001150107
10.1073/pnas.1004439107
10.1073/pnas.1006509107
10.1080/15257770.2010.497014
10.2174/157017810791514652
10.2174/157017910792246072
10.3390/molecules15031501
10.3987/com-09-s(s)66

AU  - Wu, Q
T1  - Practical and efficient acylation and tosylation of sterically hindered alcohols catalyzed with 1-methylimidazole
JF  - Chemical Research in Chinese Universities

AU  - Hu, Z
T1  - Efficient conjugate addition of carbonyl compounds to 3-nitro-2H-chromenes in the presence of bases
JF  - Arkivoc

AU  - Wang, Q
T1  - Effective asymmetric Michael addition of acetone to nitroalkenes promoted by chiral proline amide-thiourea bifunctional catalysts
JF  - Arkivoc

AU  - Gopi, K
T1  - Synthesis and conformational features of sym N,N′,N″- triarylguanidines
JF  - Journal of Chemical Sciences

Modified terms:
---
10.1002/ejoc.201000616 ==> hyphen in the title of CAS
10.1016/j.tet.2010.05.056 ==> modified title (organo)catalysts by CAS
10.1016/j.tetasy.2010.04.050 ==> hyphen in the title and the abstract of CAS
10.1055/s-0029-1218547 ==> hyphen in the title and the abstract of CAS
10.2174/157017810790533904 ==> modified abstract by CAS

Abstracts:
---
10.1002/adsc.200900719 ==> initial abstract of authors was expanded by Scopus while inserting

the table of contents
10.1002/adsc.200900865
10.1002/adsc.201000214
10.1002/adsc.201000274
10.1002/adsc.201000419
10.1002/anie.200906521
10.1002/anie.201002880
10.1002/anie.201003583
10.1002/anie.201005409
10.1002/asia.201000193
10.1002/chem.200902626
10.1002/chem.201000237
10.1002/chem.201001108
10.1002/ejoc.201000818 ==> hyphen in the abstract of CAS
10.1002/ejoc.201000851 ==> hyphen in the abstract of CAS
10.1002/jhet.371
10.1007/978-3-642-04722-0_4 ==> hyphen in the abstract of CAS
10.1016/j.cclet.2009.10.012
10.1016/j.tet.2010.10.064
10.1016/j.tetasy.2010.04.014
10.1016/j.tetasy.2010.08.012
10.1016/j.tetasy.2010.10.024
10.1021/jo1003899 ==> hyphen in the abstract of CAS
10.1039/c0jm02591g
10.1055/s-0029-1218601 ==> initial abstract of authors was expanded by Scopus while inserting the table of contents
10.1055/s-0029-1218649 ==> initial abstract of authors was expanded by Scopus while inserting the table of contents
10.1055/s-0029-1219038 ==> suppressed abstract
10.1055/s-0030-1258241
10.1055/s-0030-1258997

Different year:
---
10.3987/com-10-s(e)31 ==> article published in 2011

Wrong DOI:
---
10.100/chem.200903025 ==> wrong transcription by Scopus

Organocatalysis-analysis-specific-scopus-WoS (column 7)
==========
Results: 44 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Journal:
---
10.1007/978-3-7643-8338-1_12
10.1007/s11084-010-9213-2
10.1039/b927078g
10.1039/b927086h
10.1039/b927088b

AU - Pellissier, H
T1 - Recent developments in asymmetric organocatalysis
JF - RSC Catalysis Series

AU - Nicewicz, D
T1 - Merging photoredox catalysis with organocatalysis: The direct asymmetric alkylation of aldehydes
JF - Chemtracts

AU - Benohoud, M
T1 - Organocatalytic alpha-methylenation of aldehydes: Preparation of 3,7-dimethyl-2-methylene-6-octenal
JF - Organic Syntheses

AU - Vicario, J
T1 - Organocatalytic enantioselective conjugate addition reactions: A powerful tool for the stereocontrolled synthesis of complex molecules
JF - RSC Catalysis Series

AU - Bandala, Y
T1 - Recent advances in the application of alpha-phenylethylamine (alpha-PEA) in the preparation of

enantiopure compounds
JF  - Aldrichimica Acta

Document types:
---
10.1002/ejoc.201000424        ==> Correction in WoS thus discarded by Iddup
10.1002/ejoc.201001323        ==> Conference Report in Scopus
10.1007/978-3-642-04722-0_4   ==> Book Series
10.1007/978-3-642-04722-0_5   ==> Book Series


Modified terms:
---
10.1021/jo101220q       ==> hyphen in the WoS's abstract

Abstracts:
---
10.1002/adsc.200900719     ==> initial abstract of authors was expanded by Scopus while inserting the table of contents
10.1002/anie.200906521     ==> abstract missing in WoS
10.1002/anie.201001865     ==> abstract missing in WoS
10.1002/anie.201003583     ==> abstract missing in WoS
10.1002/asia.201000193     ==> abstract missing in WoS
10.1002/chem.200902626     ==> abstract missing in WoS
10.1021/ma9019152             ==> abstract missing in WoS
10.1055/s-0029-1218601     ==> initial abstract of authors was expanded by Scopus while inserting the table of contents
10.1055/s-0029-1219038     ==> abstract missing in WoS
10.1055/s-0030-1258241     ==> initial abstract of authors was expanded by Scopus while inserting the table of contents
10.1055/s-0030-1258997     ==> abstract missing in WoS


Different year:
---
10.1007/128_2008_17     ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1007/128_2008_18     ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1007/128_2008_21     ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1007/128_2008_23     ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1007/128_2008_25  ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1007/128_2008_28  ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1007/128_2009_1      ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1007/128_2009_3      ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
10.1039/c0gc00083c      ==> indexed in 2011 by WoS
10.3987/com-10-s(e)31   ==> published online in 2010 and in 2011 in printed version by WoS, indexed in 2010 by Scopus

AU  - List, B                 ==> published online in 2009 and in 2010 in printed version by WoS, indexed in 2009 by WoS
T1  - Enough Organocatalysis?
JF  - Topics in Current Chemistry

Wrong DOI:
---
10.1002/adsc.201000309              ==> wrong transcription in WoS
10.100/chem.200903025               ==> wrong transcription in Scopus
10.1016/j.tet.2010.09021               ==> wrong transcription in WoS
10.1021/jo1005872                      ==> wrong transcription in WoS
10.1021/ol101894h                      ==> wrong transcription in WoS
10.1021/ol101969t                      ==> wrong transcription in WoS
10.1070/rc2010v079n07abeh004156 ==> wrong transcription in WoS



Organocatalysis-analysis-specific-WoS-scopus (column 8)
==========

Results: 249 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Journals
---
10.1002/cbic.200900345
10.1007/s11434-010-3122-7
10.2533/chimia.2010.303
10.5012/bkcs.2010.31.03.700
10.5012/bkcs.2010.31.5.1280

Document types
---
10.1055/s-0030-1258334 ==> Editorial

Index terms
---
10.1002/adsc.201000079
10.1002/adsc.201000093
10.1002/adsc.201000178
10.1002/adsc.201000187
10.1002/adsc.201000515
10.1002/anie.200902945
10.1002/anie.200905544
10.1002/anie.200906573
10.1002/anie.201001658
10.1002/anie.201002315
10.1002/anie.201004051
10.1002/anie.201004311
10.1002/anie.201004593
10.1002/anie.201004777
10.1002/asia.200900458
10.1002/cctc.200900273
10.1002/chem.200902487
10.1002/chem.200903342
10.1002/chem.200903418
10.1002/chem.200903443
10.1002/chem.200903484
10.1002/chem.200903537
10.1002/chem.201000615
10.1002/chem.201000650
10.1002/chem.201000688
10.1002/chem.201000861
10.1002/chem.201000989
10.1002/chir.20841
10.1002/chir.20847
10.1002/cjoc.201090274
10.1002/cphc.200900848
10.1002/ejoc.201000609
10.1002/ejoc.201000801
10.1002/ejoc.201001117
10.1007/s10562-010-0351-y
10.1007/s11244-009-9423-x
10.1007/s11426-010-4069-x
10.1012/jo100844g
10.1016/j.apcata.2010.07.057
10.1016/j.ejmech.2010.09.015
10.1016/j.mencom.2010.03.001
10.1016/j.tet.2009.11.085
10.1016/j.tet.2010.02.053
10.1016/j.tet.2010.08.055
10.1016/j.tet2010.09.044
10.1016/j.tet.2010.10.040
10.1016/j.tet.2010.10.072
10.1016/j.tetasy.2009.12.013
10.1016/j.tetasy.2010.02.003
10.1016/j.tetasy.2010.02.009
10.1016/j.tetasy.2010.02.025
10.1016/j.tetasy.2010.03.014
10.1016/j.tetasy.2010.03.026
10.1016/j.tetasy.2010.03.041
10.1016/j.tetasy.2010.04.015
10.1016/j.tetasy.2010.04.019
10.1016/j.tetasy.2010.04.032

10.1016/j.tetasy.2010.05.048
10.1016/j.tetasy.2010.06.002
10.1016/j.tetasy.2010.09.016
10.1016/j.tetasy.2010.10.002
10.1016/j.tetlet.2009.10.130
10.1016/j.tetlet.2009.11.090
10.1016/j.tetlet.2010.02.007
10.1016/j.tetlet.2010.02.149
10.1016/j.tetlet.2010.03.039
10.1016/j.tetlet.2010.03.053
10.1016/j.tetlet.2010.03.067
10.1016/j.tetlet.2010.04.021
10.1016/j.tetlet.2010.04.132
10.1016/j.tetlet.2010.05.003
10.1016/j.tetlet.2010.05.111
10.1016/j.tetlet.2010.10.029
10.1016/j.theochem.2010.09.020
10.1021/bm100433c
10.1021/cc100003c
10.1021/cc100007a
10.1021/cc100104k
10.1021/ja100173w
10.1021/ja100539c
10.1021/ja101251d
10.1021/ja103618r
10.1021/ja1037935
10.1021/ja1043006
10.1021/ja104386g
10.1021/ja105194s
10.1021/ja105320c
10.1021/ja105945z
10.1021/ja1061196
10.1021/ja9063074
10.1021/ja9068112
10.1021/ja907781t
10.1021/ja908814h
10.1021/ja909145y
10.1021/ja910281s
10.1021/ja910631u
10.1021/jo100026h
10.1021/jo100173f
10.1021/jo100315j
10.1021/jo1004586
10.1021/jo100488g
10.1021/jo1008993
10.1021/jo100976e
10.1021/jo101510x
10.1021/jo.1015241
10.1021/jo101723v
10.1021/jo1018443
10.1021/jo1018552
10.1021/jo901503d
10.1021/jo901799n
10.1021/jo901991v
10.1021/jo902081w
10.1021/jo902120s
10.1021/jo902376t
10.1021/jo9023792
10.1021/jo902664v
10.1021/ma101461y
10.1021/ma102123b
10.1021/ma1023318
10.1021/o1102043x
10.1021/ol018932
10.1021/ol100166z
10.1021/ol100304c
10.1021/ol100336q
10.1021/ol100415h
10.1021/ol1005104
10.1021/ol100536e
10.1021/ol1005714
10.1021/ol1006086
10.1021/ol100729t
10.1021/ol100856u

10.1021/ol100857s
10.1021/ol1008697
10.1021/ol100918d
10.1021/ol101098x
10.1021/ol101146f
10.1021/ol101353r
10.1021/ol101576q
10.1021/ol101601d
10.1021/ol101607z
10.1021/ol1019234
10.1021/ol101990d
10.1021/ol102256v
10.1021/ol102269s
10.1021/ol1023932
10.1021/ol102499r
10.1021/ol902703k
10.1021/ol902873q
10.1021/ol902969j
10.1021/om100789n
10.1021/om901086q
10.1021/op1000447
10.1038/nchem.687
10.1038/nchem.727
10.1039/b914497h
10.1039/b915577e
10.1039/b915825a
10.1039/b915852a
10.1039/b916343c
10.1039/b919549a
10.1039/b920099a
10.1039/b921941b
10.1039/b923622h
10.1039/b924609f
10.1039/b926284a
10.1039/b926498a
10.1039/b927031k
10.1039/b9nj00764d
10.1039/c000326c
10.1039/c001977a
10.1039/c002208j
10.1039/c002378g
10.1039/c002967j
10.1039/c003588b
10.1039/c004461j
10.1039/c0cc00719f
10.1039/c0cc00774a
10.1039/c0cc00981d
10.1039/c0cc01207f
10.1039/c0cc01426e
10.1039/c0cc02013c
10.1039/c0cc02301a
10.1039/c0cc02739a
10.1039/c0cc03230a
10.1039/c0cc03489d
10.1039/c0np00016g
10.1039/c0ob00078g
10.1039/c0ob00154f
10.1039/c0ob00174k
10.1039/c0ob00223b
10.1039/c0ob00230e
10.1039/c0ob00249f
10.1039/c0sc00206b
10.1039/c0sc00250j
10.1055/s-0029-1218389
10.1055/s-0029-1218541
10.1055/s-0029-1218556
10.1055/s-0029-1218562
10.1055/s-0029-1219156
10.1055/s-0029-1219543
10.1055/s-0029-1219552
10.1055/s-0029-1219917
10.1055/s-0030-1258082
10.1055/s-0030-1258114
10.1055/s-0030-1258120

10.1055/s-0030-1258231
10.1055/s-0030-1258267
10.1055/s-0030-1258531
10.1055/s-0030-1259069
10.1073/pnas.1002830107
10.1080/00397910902964874
10.1080/00397911003794517
10.1107/s1600536810045423
10.1134/s0023158410020096
10.1134/s0023158410050058
10.1351/pac-con-09-07-05
10.2478/s11532-009-0136-6
10.3184/030823409x12615671424822
10.3184/030823410x12682297999384
10.3390/molecules15010532
10.3390/molecules15031280
10.3390/molecules15118305
10.3390/molecules15118327
10.3762/bjoc.6.65
10.3987/com-09-s(s)71
10.3987/com-10-11926

AU  - Lv, H
T1  - Enantioselective Synthesis of Indole-Fused Dihydropyranones via Catalytic Cycloaddition of Ketenes and 3-Alkylenyloxindoles
JF  - Journal of Organic Chemistry

AU  - Xiang, J
T1  - Enantioselective Aldol Reaction of alpha-Ketoester and Cyclopentaone Catalyzed by L-Proline
JF  - Chinese Journal of Chemistry

AU  - Shen, W
T1  - Ionic Liquid-coordinated Ytterbium(III) Sulfonate Catalyzed Michael Addition of Indoles to Electron-deficient Nitroolefins
JF  - Chinese Journal of Chemistry

AU  - Leighton, J
T1  - Powerful and Versatile Silicon Lewis Acids for Asymmetric Chemical Synthesis
JF  - Aldrichimica Acta

AU  - Tabatabaeian, K
T1  - An efficient Ru-III/BINAP catalytic system for the aldol reactions of ketones with various aldehydes
JF  - Arkivoc

AU  - Zhang, Y
T1  - An Environment-Friendly and Efficient Method for Aldol Condensation Catalyzed by L-Lysine in Pure Water
JF  - Letters in Organic Chemistry

Abstracts
------------
10.1038/nchem.913       ==> abstract missing in WoS

Author keywords:
----------------------
10.1016/j.tet.2010.03.047  ==> author keywords missing in Scopus

Different year
-----------------
10.1002/chem.200903025        ==> published online in 2010 but 2009 is present in the DOI instead of 2010
10.1016/j.molcata.2009.10.008 ==> indexed by Scopus in 2009 (online) and in 2010 by WoS ( printed version)
10.1016/j.molcata.2009.10.013 ==> indexed by Scopus in 2009 (online) and in 2010 by WoS ( printed version)

Wrong DOI: wrong transcription in WoS
---------------
10.1016/j.tet.2010.09021
10.1021/ol1019691
10.1021/01101894h
10.1002/adsc.201.000309
10.1021/jo1005872

10.1070/rc2010v79n07abeh004156

ALL REFERENCES FROM TABLE 9
_____
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NHC-analysis-specific-scifinder-scopus (column 3)
==========
Results: 49 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Journals:
---
10.1155/2010/628639
10.1149/1.3312760
10.1149/1.3312759

AU  - Robishaw, N
T1  - Encapsulation of Ag(I) N-heterocyclic carbene complexes with poly(lactic-co-glycolic acid) (PLGA) and polyethylene glycol (PEG) using nanoprecipitation methods and studying effects on cancer cell lines.
JF  - PMSE Preprints

AU  - Guo, L
T1  - Living polymerization towards cyclic polypeptoids
JF  - Polymer Preprints

AU  - Lahansky, S
T1  - Macrocyclic polymer with 'clickable' side-chains: synthesis, characterization and their potential utility towards Janus rings
JF  - Polymer Preprints

AU  - Shin, E
T1  - Crystallization of polyesters generated by N-heterocyclic carbene mediated zwitterionic polymerization of cyclic esters.
JF  - Polymer Preprints

Document types: Book Series
---
AU  - Voutchkova, A
T1  - Rhodium and iridium N-heterocyclic carbene complexes from imidazolium carboxylates.
JF  - Inorganic Syntheses

AU  - Leung, C
T1  - A chelating rhodium n-heterocyclic carbene complex by transmetallation from a silver-NHC intermediate.
JF  - Inorganic Syntheses

Index terms:
---
10.1002/anie.201000835
10.1016/j.tetasy.2010.03.002
10.1021/ar9002027
10.1021/ja101525w
10.1021/ja102639a
10.1021/ja104254d
10.1021/ja106172d
10.1021/ol102536s
10.1021/om1002107
10.1021/om100628f
10.1021/om1006566
10.1021/om900975a
10.1021/om9010966
10.1039/c0dt01083a
10.1134/s1070328410050027

Modified terms: abstract modified by CAS (in some cases the NHC acronym was developed)
---
10.1002/anie.201000386
10.1002/anie.201004593
10.1002/anie.201004619
10.1016/j.tet.2010.03.047
10.1021/jo101301d

10.1021/ol101329d
10.1021/om1007924
10.1039/b918626c
10.1039/c0cc01864c

Abstracts: abstract not indexed by Scopus
------------
10.1002/anie.201001316
10.1002/cctc.201000138
10.1038/4641136a

Different year:
------------------
10.1016/j.jorganchem.2010.07.038
10.1016/j.jorganchem.2010.08.045
10.1016/j.jorganchem.2010.08.017
10.1016/j.jorganchem.2010.10.004
10.1002/asia.201000617
10.1107/S1600536810051469

Miscellaneous: wrong transcriptions in Scopus
------------------
10.1016/j.tet.2010.08.050 ==> 'N-Heterocycliccarbenes' as a single word in the author keywords
10.1246/cl.2010.908 ==> 'NHeterocyclic carbenes' in the abstract
10.1002/ejoc.200901316 ==> 'NHeterocyclic carbenes' in the abstract
10.1002/aoc.1650 ==> wrong OCR on the 'N' character that was typed in italic style and transcripted as 'W' in Scopus)
10.1002/asia.200900434 ==> carbine instead of carbene
10.1002/anie.201000577 ==> N-heter-ocyclic ...
10.1039/9781847559616-00001 ==> Book chapter (unclear reason)


NHC-analysis-specific-scopus-scifinder (column 4)
==========
Results: 57 articles.
If missing a DOI, a reference is described with its first author, title and journal title.

Journals:
------------
AU - Jahnke, M
T1 - Chapter 1: Introduction to N-heterocyclic carbenes: Synthesis and stereoelectronic parameters
JF - RSC Catalysis Series

AU - Häller, L
T1 - Chapter 2: Computational studies on the reactivity of transition metal complexes featuring N-heterocyclic carbene ligands
JF - RSC Catalysis Series

AU - Praetorius, J
T1 - Chapter 3: Synthesis, activation and decomposition of N-heterocyclic carbene-containing complexes
JF - RSC Catalysis Series

AU - Deblock, M
T1 - Chapter 4: Biologically active N-heterocyclic carbene-metal complexes
JF - RSC Catalysis Series

AU - Krüger, A
T1 - Chapter 5: Non-classical N-heterocyclic carbene complexes
JF - RSC Catalysis Series

AU - Schaper, L
T1 - Chapter 6: Early transition and rare earth metal complexes with N-heterocyclic carbenes
JF - RSC Catalysis Series

AU - Chiang, P
T1 - Chapter 14: N-heterocyclic carbenes as organic catalysts
JF - RSC Catalysis Series

AU - Monsaert, S
T1 - Ruthenium-indenylidene complexes bearing saturated N-heterocyclic carbenes: Synthesis and application in ring-closing metathesis reactions
JF - NATO Science for Peace and Security Series A: Chemistry and Biology

AU - Poater, A

T1  - Probing the mechanism of the double C-H (de)activation route of a Ru-based olefin metathesis catalyst
JF - NATO Science for Peace and Security Series A: Chemistry and Biology

AU  - Delaude, L
T1  - Ruthenium-arene complexes derived from NHC·CO 2 and NHC·CS 2 zwitterionic adducts and their use in olefin metathesis
JF - NATO Science for Peace and Security Series A: Chemistry and Biology

AU  - Monsaert, S
T1  - New N-heterocyclic carbene ligands in Grubbs and Hoveyda-Grubbs catalysts
JF - NATO Science for Peace and Security Series A: Chemistry and Biology

AU  - Borguet, Y
T1  - Mono- and bimetallic ruthenium-arene catalysts for olefin metathesis: A survey
JF - NATO Science for Peace and Security Series A: Chemistry and Biology

AU  - Delaude, L
T1  - Recent advances in ruthenium catalysts for alkene metathesis

Index terms:
---
10.1002/anie.201000165
10.1002/anie.201002136
10.1002/anie.201005124
10.1002/anie.201005260
10.1002/aoc.1595
10.1002/chem.200903275
10.1002/chem.201000659
10.1002/ejic.201000190
10.1002/ejic.201000677
10.1002/ejoc.201000864
10.1002/ejoc.201000939
10.1007/978-3-642-13185-1_8
10.1016/j.ica.2010.07.054
10.1016/j.jorganchem.2010.07.014
10.1016/j.jorganchem.2010.07.016
10.1016/j.poly.2009.05.067
10.1016/j.tet.2009.12.004
10.1016/j.tetlet.2010.01.103
10.1021/cr9002424
10.1021/ja910540j
10.1055/s-0029-1218848
10.1055/s-0029-1219187
10.1055/s-0029-1220127
10.4155/fmc.10.234

AU - Sireci, N; Yilmaz, U; Kucukbay, H
T1  - Microwave assisted catalytic activity of some bis-5(6)-nitrobenzimidazole salts for Heck and Suzuki cross-coupling reactions
JF  - Asian Journal of Chemistry

Modified terms:
---
10.1002/anie.200905223  ==> abstract modified by CAS
10.1002/anie.200906702  ==> abstract modified by CAS
10.1002/anie.201000901  ==> abstract modified by CAS
10.1002/anie.201001864  ==> abstract modified by CAS
10.1002/anie.201002879  ==> abstract modified by CAS
10.1002/anie.201003177  ==> N-heterocyclic carbene was transcripted into NHC in the abstract
10.1002/anie.201004145  ==> abstract modified by CAS
10.1002/anie.201004149  ==> N-heterocyclic carbene was transcripted into NHC in the abstract
10.1002/anie.201005534  ==> abstract modified by CAS
10.1002/asia.200900580     ==> abstract modified by CAS
10.1002/chem.200902840  ==> abstract modified by CAS
10.1002/chem.201000865  ==> abstract modified by CAS
10.1055/s-0029-1219387  ==> abstract modified by CAS
10.1055/s-0029-1219907  ==> abstract modified by CAS


Different year:
---
10.1016/j.jorganchem.2009.09.018
10.1016/j.jorganchem.2009.10.011

AU  - Nan, G
T1  - Cis-chelated palladium(II) complexes of biphenyl-linked bis(imidazolin-2-ylidene): Synthesis and catalytic activity in the Suzuki-Miyaura reaction
JF  - Arkivoc

Miscellaneous:
------------------
10.1021/om1005897 ==> N-heterocyclic bis-carbene was retrieved due to the Scopus's query syntax 'n-heterocyclic W/1 carbene'
10.1039/b916237b     ==> N-heterocyclic (NHC) carbene was retrieved due to the Scopus's query syntax 'n-heterocyclic W/1 carbene'


Phosphine-ligands-analysis-specific-scopus-WoS (column 5)
==========
Results: 64 articles
If missing a DOI, a reference is described with its first author, title and journal title.

Journals:
------------
10.3390/m709
10.1039/b927087f
10.1002/masy.200900044

AU  - Pandey, R
T1  - Synthesis and spectral characterization of mixed-ligand phosphine complexes of rhodium (1) with 1-phenyl tetrazoline-5-thione
JF  - Oriental Journal of Chemistry

AU  - Imao, D
T1  - Cross-coupling reactions of chiral secondary organoboronic esters with retention of configuration
JF  - Chemtracts

AU  - Nordstrøm, L
T1  - Amide synthesis from alcohols and amines by the extrusion of dihydrogen
JF  - Chemtracts

AU  - Nagano, T
T1  - Palladium-catalyzed allylic amination using aqueous ammonia for the synthesis of primary amines
JF  - Chemtracts

AU  - Sugiyama, A
T1  - Why does fluoride anion accelerate transmetalation between vinylsilane and palladium(II)-vinyl complex? Theoretical study
JF  - Chemtracts

Document types:
---------------------
10.1007/978-90-481-3433-5_8   ==> Book chapter
10.1007/978-90-481-3433-5_1   ==> Book chapter

Index terms:
---------------
10.1002/anie.201004041
10.1002/anie.201004415
10.1002/chem.201000723
10.1002/chem.201000790
10.1016/j.carbon.2010.01.025
10.1016/j.ica.2009.03.030
10.1016/j.ica.2010.04.031
10.1016/j.tetasy.2010.03.025
10.1021/ic100221w
10.1021/ic902500h
10.1021/ja102428q
10.1021/ja1047494
10.1021/ja108074t
10.1021/ja906712g
10.1021/jo1016458
10.1021/jo902533p
10.1021/om100054n
10.1021/om1006984
10.1021/om9011104
10.1038/nchem.614

10.1039/b918962a
10.1039/b919902k
10.1039/b923911a
10.1039/c0cc02620d
10.1039/c0cc03953e
10.1039/c0dt00011f
10.1039/c0dt00648c
10.1055/s-0029-1219166
10.1107/s0108270110004506
10.1107/s1600536810000206
10.3390/molecules15053402

Modified terms:
---
10.1107/s1600536810002965 ==> abstract modified

Abstracts:
---
10.1002/anie.200905402
10.1002/anie.200905544
10.1002/anie.200906846
10.1002/anie.201001344
10.1002/anie.201002583
10.1002/anie.201003616
10.1002/cbic.201000159
10.1021/cr9002424
10.1021/ja1037808
10.1021/ma100589b
10.1107/s1600536810014066
10.1107/s1600536810021525
10.1107/s1600536810021690

Miscellaneous:
---
The Scopus's query syntax using the W/1 proximity operator allows searched terms to be retrieved even if the distance between
the two terms is upper than 1 term:
10.1021/ja107115q
10.1021/om100098t
10.1039/c0dt00614a

10.1021/om100105p ==> (aphosphine ligands) ==> typographic error in the WoS
10.1107/s160053681001665x ==> (triphenylphosphine oxide ligand instead of triphenyl-phosphine oxide ligand)
10.1107/s1600536810019859 ==> (bisphosphine ligands instead of bis-phosphine ligands)
10.1107/s1600536810021513 ==> (triphenylphosphine (tpp) ligand
10.1107/s1600536810039577 ==> (bisphosphine ligands instead of bis-phosphine ligands)


Phosphine-ligands-analysis-specific-scopus-WoS (column 6)
==========
Results: 98 articles

Journals:
---
10.3103/s0361521910030092

AU - Lovasz, T
T1 - Synthesis and characterization of new phenothiazinyl-diphenyl-phosphines
JF - Studia Universitatis Babes-Bolyai Chemia

Document types:
---
10.1016/s0360-0564(10)53001-3 ==> Book chapter

Indexed terms:
---
10.1021/om100955t
10.1021/jm100801e
10.1002/adsc.201000733
10.1021/om100658j
10.1021/om100816d
10.1021/jo101814w
10.1016/j.tetasy.2010.10.022

10.1016/j.tet.2010.08.047
10.1039/c0sc00234h
10.1002/ejic.201000533
10.1016/j.poly.2010.06.029
10.1246/bcsj.20100026
10.1055/s-0030-1258528
10.1021/om100505w
10.1021/om100558m
10.1021/ja909619a
10.1002/adsc.201000221
10.1016/j.tet.2010.05.005
10.1016/j.molcata.2010.05.010
10.1002/ejic.201000271
10.1134/s1070428010070298
10.1002/adsc.200900577
10.1002/adsc.200900708
10.1002/adsc.200900719
10.1002/adsc.200900871
10.1002/anie.200904093
10.1002/anie.201000955
10.1002/anie.201001188
10.1002/anie.201001787
10.1002/asia.201000288
10.1002/bip.21344
10.1002/cctc.200900263
10.1002/chem.200902442
10.1002/chem.200903418
10.1002/chem.201001164
10.1002/chem.201001201
10.1002/chem.201001311
10.1002/chem.201002233
10.1002/cssc.201000008
10.1002/ejic.200900767
10.1002/ejic.200900961
10.1002/ejic.200901002
10.1002/ejic.200901093
10.1002/ejoc.200900892
10.1002/ejoc.200901251
10.1002/ejoc.200901407
10.1002/ejoc.201000003
10.1002/smll.200902398
10.1016/j.catcom.2009.12.013
10.1016/j.ccr.2009.09.033
10.1016/j.ica.2009.02.027
10.1016/j.ica.2009.09.051
10.1016/j.molcata.2010.03.006
10.1016/j.molcata.2010.03.015
10.1016/j.poly.2009.09.004
10.1016/j.tetasy.2010.02.016
10.1016/j.tetasy.2010.03.013
10.1016/j.tetlet.2010.02.155
10.1021/cr900279a
10.1021/ic901250z
10.1021/ja101583m
10.1021/jo1001005
10.1021/ol100304c
10.1021/om100122a
10.1021/om1001843
10.1021/om100236v
10.1021/om900526m
10.1039/b913778e
10.1039/b916554a
10.1039/b917245a
10.1039/b918424d
10.1039/b918770g
10.1039/b920342g
10.1039/b921273f
10.1039/b921492e
10.1039/b9nj00523d
10.1039/c0cc00836b
10.1039/c0dt00066c
10.1039/c0dt00568a
10.1039/c0dt00636j
10.1039/c0dt00855a

10.1039/c0nj00482k
10.1080/00958971003753815
10.1080/00958972.2010.507270
10.1080/00958972.2010.520083
10.1080/10426501003773373
10.1092/chem.200903476
10.1107/s0108270109054626
10.1134/s1070363210030072
10.1021/om100323q

AU  - Qiao, S
T1  - Copper-Catalyzed Coupling of Thiourea with Aryl Iodides: The Direct Synthesis of Aryl Thiols
JF  - Chinese Journal of Chemistry

AU  - Pellei, M
T1  - Synthesis and Properties of Poly(pyrazolyl)borate and Related Boron-Centered Scorpionate Ligands. Part B: Imidazole-, Triazole- and Other Heterocycle-Based Systems
JF  - Mini-Reviews in Organic Chemistry

AU  - Pandey, R
T1  - Low-valent Organometallic Derivatives of Palladium(0), Platinum(0) and Rhodium(I) with 4-Amino-5-mercapto-3-substituted-1,2,4-triazoles
JF  - Asian Journal of Chemistry

AU  - Gentschow, S
T1  - Bond Activation in Iron(II) and Nickel(II) Complexes of Polypodal Phosphanes
JF  - Journal of Chemical Sciences

Different year:
---
10.1002/cmdc.200900370


Viscosity-analysis-specific-scopus-WoS (column 7)
==========
Results: 83 articles

Journals:
---
10.1002/masy.201050207

AU  - Pramanik, R
T1  - Dynamics of solvent and rotational relaxation in RTIL containing confined media
JF  - Journal of Surface Science and Technology

AU  - Shekaari, H
T1  - Effect of L-arginine on electrical conductances of aqueous ionic liquids 1-alkyl-3-methylimidazolium bromide solutions at T - 298.15 K
JF  - Analytical and Bioanalytical Electrochemistry


Indexed terms:
---
10.1002/aic.12028
10.1002/anie.201003051
10.1002/aoc.1625
10.1002/apj.413
10.1002/apj.422
10.1002/app.30596
10.1002/app.30674
10.1002/app.31126
10.1002/app.31178
10.1002/app.31375
10.1002/app.31515
10.1002/app.31562
10.1002/app.31686
10.1002/app.31894
10.1002/elps.2009005646
10.1002/jps.21989
10.1002/pi.2853
10.1002/polb.22009
10.1007/s00289-009-0136-x
10.1007/s00289-009-0162-8
10.1007/s00289-009-0203-3

10.1007/s00396-009-2137-6
10.1007/s00449-009-0388-8
10.1007/s10856-010-3996-6
10.1007/s10965-009-9324-5
10.1007/s11426-010-0072-5
10.1007/s11426-010-0124-x
10.1007/s11947-009-0257-0
10.1007/s13233-010-0511-3
10.1007/s13233-010-0902-5
10.1007/s13233-010-1213-6
10.1016/j.bej.2009.10.002
10.1016/j.biortech.2010.06.161
10.1016/j.carbpol.2010.03.041
10.1016/j.carbpol.2010.06.016
10.1016/j.colsurfa.2009.09.015
10.1016/j.colsurfa.2010.01.042
10.1016/j.desal.2009.12.001
10.1016/j.eurpolymj.2009.10.015
10.1016/j.eurpolymj.2010.01.019
10.1016/j.jcis.2010.01.036
10.1016/j.jfoodeng.2010.04.026
10.1016/j.memsci.2009.10.023
10.1016/j.memsci.2009.10.030
10.1016/j.memsci.2010.09.022
10.1016/j.optcom.2009.10.020
10.1016/j.polymer.2010.04.059
10.1016/j.seppur.2010.03.024
10.1016/j.talanta.2010.05.066
10.1021/bm100735z
10.1021/es100868n
10.1021/ie100199h
10.1021/ja103947j
10.1021/je900351t
10.1021/je900750c
10.1021/jp104009f
10.1021/la100604k
10.1021/la902661m
10.1039/b926087k
10.1039/c0cp00239a
10.1055/s-0030-1258114
10.1080/10601320903458622
10.1080/10601320903539298
10.1080/10601325.2010.507988
10.1103/physrevlett.104.215901
10.1134/s0036024410030167
10.1163/016942409x12561252292189
10.1163/138577210x12634696333271
10.1163/138577210x12634696333596
10.3109/03639040903099728
10.4028/www.scientific.net/amr.113-116.1212
10.4028/www.scientific.net/amr.138.93

Abstracts:
---
10.1016/j.fluid.2010.03.010
10.1163/138577209x12591392377775

Wrong DOI:
---
10.1021/je900681b
10.1021/je900449q

Miscellaneous:
---
10.1016/s1872-2040(09)60056-6    ==> missing article though the journal is indexed in 2010

AU  - Ikeda, M                          ==> missing article though the journal is indexed in 2010
T1  - Correlation between ionic diffusion and cooperativity in ionic liquids
JF  - Journal of the Physical Society of Japan


Viscosity-analysis-specific-WoS-scopus (column 8)
==========
Results: 106 articles

Journals:
---
10.3724/sp.j.1096.2010.01003

AU  - Borucka, N
T1  - Morpholinium salts. Synthesis and application
JF  - PRZEMYSL CHEMICZNY

AU  - Janus, E
T1  - Ionic liquids. The practical aspects of their use in the Diels-Alder reaction
JF  - PRZEMYSL CHEMICZNY

AU  - Syrotynska, I
T1  - A study of ionic liquids as biocides in emulsion paints and coatings
JF  - PRZEMYSL CHEMICZNY

Indexed terms:
---
10.1002/cphc.201000184
10.1002/ejoc.200901135
10.1002/jps.21797
10.1007/s00723-009-0073-8
10.1007/s00726-010-0560-0
10.1007/s10118-010-9120-z
10.1007/s10118-010-9153-3
10.1007/s10765-010-0889-3
10.1007/s10953-010-9598-6
10.1016/j.actbio.2009.06.012
10.1016/j.bbapap.2009.12.005
10.1016/j.carbpol.2010.04.005
10.1016/j.colsurfa.2009.12.025
10.1016/j.electacta.2009.06.008
10.1016/j.electacta.2009.11.073
10.1016/j.electacta.2009.12.049
10.1016/j.electacta.2010.08.014
10.1016/j.fluid.2009.09.015
10.1016/j.fluid.2010.03.0199292
10.1016/j.fluid.2010.04.019
10.1016/j.jbiotec.2010.07.003
10.1016/j.jcis.2009.11.046
10.1016/j.jcis.2009.12.016
10.1016/j.jct.2010.01.007
10.1016/j.jct.2010.03.003
10.1016/j.jct.2010.03.010
10.1016/j.jelechem.2009.12.006
10.1016/j.jphotochem.2010.04.009
10.1016/j.jpowsour.2009.10.029
10.1016/j.jpowsour.2009.10.079
10.1016/j.jpowsour.2009.11.050
10.1016/j.jpowsour.2009.11.146
10.1016/j.jtice.2009.07.002
10.1016/j.molliq.2010.02.005
10.1016/j.molliq.2010.03.018
10.1016/j.seppur.2010.03.008
10.1016/j.ssi.2009.11.011
10.1016/j.synthmet.2009.10.021
10.1021/cm902283r
10.1021/ie9007216
10.1021/ie901590h
10.1021/je100040e
10.1021/je100057b
10.1021/je1002237
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AU  - Trivedi, S
T1  - Temperature dependent densities of mixtures of 1-butyl-3-methylimidazolium hexafluorophosphate plus poly(ethylene glycol)
JF  - INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY

AU  - Fang, S
T1  - Viscosity Model for Mixtures Based on Eyring's Absolute Reaction Theory
JF  - PROGRESS IN CHEMISTRY

Author keywords:
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10.1063/1.3290814       ==> missing author keywords

Different year:
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10.1007/s10529-009-0119-x

Wrong DOI:
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10.1021/jc900681b

Miscellaneous:
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10.1002/fuce.200900176              ==> only author names are different
10.1002/srin.201000067              ==> unclear reason
10.1016/j.jphotochem.2010.03.010 ==> unclear reason
10.2298/jmmb1001041g                ==> unclear reason

AU  - Wang, L
T1  - Shear Viscosity Calculation of Novel Guanidinium-Based Ionic Liquids
JF  - ACTA CHIMICA SINICA

AU  - Cai, Y
T1  - Study on the Synthesis of Five 1,2-Dimethylimidazolium Type of Ionic Liquids and Their Application to Li/LiFeO4 Battery as Electrolytes

JF  - ACTA CHIMICA SINICA

# Doc2 : Influence of the citation impact on the retrievability of references (Table 10)

This study was performed in July, 23th, 2015. The two best citations of some reference lists were extracted from WoS for the following expressions.

## *Expression 'organocatalysis': Scifinder and WoS*

### Common references 41.88

1. Organocatalytic cascade reactions as a new tool in total synthesis
By: Grondal, Christoph; Jeanty, Matthieu; Enders, Dieter
NATURE CHEMISTRY Volume: 2 Issue: 3 Pages: 167-178 Published: MAR 2010
Times Cited: 707
2. Chiral Phosphoric Acids as Versatile Catalysts for Enantioselective Transformations
By: Terada, Masahiro
SYNTHESIS-STUTTGART Issue: 12 Pages: 1929-1982 Published: JUN 2010
Times Cited: 390

### Specific references to Scifinder 53.06

1. The Measure of All Rings-N-Heterocyclic Carbenes
By: Droege, Thomas; Glorius, Frank
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 39 Pages: 6940-6952
Published: 2010
Times Cited: 442
2. Chiral Bronsted Acids for Asymmetric Organocatalysis
By: Kampen, Daniela; Reisinger, Corinna M.; List, Benjamin. Edited by: List, B
ASYMMETRIC ORGANOCATALYSIS Book Series: Topics in Current Chemistry Volume: 291 Pages: 395-456 Published: 2009
Times Cited: 98

### Specific references to WoS 33.52

1. Visible light photocatalysis as a greener approach to photochemical synthesis
By: Yoon, Tehshik P.; Ischay, Michael A.; Du, Juana
NATURE CHEMISTRY Volume: 2 Issue: 7 Pages: 527-532 Published: JUL 2010
Times Cited: 496
2. Visible-Light Photoredox Catalysis: Aza-Henry Reactions via C-H Functionalization
By: Condie, Allison G.; Gonzalez-Gomez, Jose C.; Stephenson, Corey R. J.
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 5 Pages: 1464-+ Published: FEB 10 2010
Times Cited: 280

## *Expression 'organocatalysis': Scifinder and Scopus*

### Common references 42.43

1. Organocatalytic cascade reactions as a new tool in total synthesis
By: Grondal, Christoph; Jeanty, Matthieu; Enders, Dieter
NATURE CHEMISTRY Volume: 2 Issue: 3 Pages: 167-178 Published: 2010
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By: Droege, Thomas; Glorius, Frank
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 39 Pages: 6940-6952
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Times Cited: 442

### Specific references to Scifinder 30.29

1. Enantioselective Organocatalytic Addition of Oxazolones to 1,1-Bis(phenylsulfonyl)ethylene: A Convenient

Asymmetric Synthesis of Quaternary alpha-Amino Acids
By: Alba, Andrea-Nekane R.; Companyo, Xavier; Valero, Guillem; et al.
CHEMISTRY-A EUROPEAN JOURNAL Volume: 16 Issue: 18 Pages: 5354-5361 Published: 2010
Times Cited: 75
2. Efficient, Enantioselective Iminium Catalysis with an Immobilized, Recyclable Diarylprolinol Silyl Ether Catalyst
By: Mager, Ina; Zeitler, Kirsten
ORGANIC LETTERS Volume: 12 Issue: 7 Pages: 1480-1483 Published: 2010
Times Cited: 51

### Specific references to Scopus 34.33

1. Chiral Amine Synthesis - Recent Developments and Trends for Enamide Reduction, Reductive Amination, and Imine Reduction
By: Nugent, Thomas C.; El-Shazly, Mohamed
ADVANCED SYNTHESIS & CATALYSIS Volume: 352 Issue: 5 Pages: 753-819 Published: MAR 2010
Times Cited: 243
2. Carbene Catalysts
By: Moore, Jennifer L.; Rovis, Tomislav. Edited by: List, B
ASYMMETRIC ORGANOCATALYSIS Book Series: Topics in Current Chemistry Volume: 291 Pages: 77-144 Published: 2009
Times Cited: 197

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1. Organocatalytic cascade reactions as a new tool in total synthesis
By: Grondal, Christoph; Jeanty, Matthieu; Enders, Dieter
NATURE CHEMISTRY Volume: 2 Issue: 3 Pages: 167-178 Published: MAR 2010
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By: Terada, Masahiro
SYNTHESIS-STUTTGART Issue: 12 Pages: 1929-1982 Published: JUN 2010
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### Specific references to Scopus 62.20

1. The Measure of All Rings-N-Heterocyclic Carbenes
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ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 39 Pages: 6940-6952
Times Cited: 442
2. Chiral Amine Synthesis - Recent Developments and Trends for Enamide Reduction, Reductive Amination, and Imine Reduction
By: Nugent, Thomas C.; El-Shazly, Mohamed
ADVANCED SYNTHESIS & CATALYSIS Volume: 352 Issue: 5 Pages: 753-819 Published: MAR 2010
Times Cited: 243

### Specific references to WoS 34.44

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By: Yoon, Tehshik P.; Ischay, Michael A.; Du, Juana
NATURE CHEMISTRY Volume: 2 Issue: 7 Pages: 527-532 Published: JUL 2010
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2. Visible-Light Photoredox Catalysis: Aza-Henry Reactions via C-H Functionalization
By: Condie, Allison G.; Gonzalez-Gomez, Jose C.; Stephenson, Corey R. J.
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 5 Pages: 1464-+ Published: FEB 10 2010
Times Cited: 280

## *Expression 'N-heterocyclic carbene(s)': Scifinder and WoS*

### Common references 36.54

1. The Measure of All Rings-N-Heterocyclic Carbenes
By: Droege, Thomas; Glorius, Frank
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 39 Pages: 6940-6952
Published: 2010
Times Cited: 445
2. Percent buried volume for phosphine and N-heterocyclic carbene ligands: steric properties in organometallic chemistry
By: Clavier, Herve; Nolan, Steven P.
CHEMICAL COMMUNICATIONS Volume: 46 Issue: 6 Pages: 841-861 Published: 2010
Times Cited: 233

### Specific references to Scifinder 26.81

1. Carbene Catalysts
By: Moore, Jennifer L.; Rovis, Tomislav. Edited by: List, B
ASYMMETRIC ORGANOCATALYSIS Book Series: Topics in Current Chemistry Volume: 291 Pages: 77-144 Published: 2009
Times Cited: 200
2. Synthesis and Structure of a Carbene-Stabilized pi-Boryl Anion
By: Braunschweig, Holger; Chiu, Ching-Wen; Radacki, Krzysztof; et al.
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 11 Pages: 2041-2044
Published: 2010
Times Cited: 82

### Specific references to WoS 47.19

1. Rhodium-Catalyzed C-C Bond Formation via Heteroatom-Directed C-H Bond Activation
By: Colby, Denise A.; Bergman, Robert G.; Ellman, Jonathan A.
CHEMICAL REVIEWS Volume: 110 Issue: 2 Pages: 624-655 Published: FEB 2010
Times Cited: 1,320
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ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 1 Pages: 46-76 Published: 2010
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## *Expression 'N-heterocyclic carbene(s)': Scifinder and Scopus*

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1. The Measure of All Rings-N-Heterocyclic Carbenes
By: Droege, Thomas; Glorius, Frank
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 39 Pages: 6940-6952
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Times Cited: 233

### Specific references to Scifinder 26.46

1. NHC-Catalyzed Michael Addition to alpha,beta-Unsaturated Aldehydes by Redox Activation
By: De Sarkar, Suman; Studer, Armido
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 48 Pages: 9266-9269
Published: 2010
Times Cited: 89
2. Enantioselective Synthesis of Allylboronates Bearing a Tertiary or Quaternary B-Substituted Stereogenic

Carbon by NHC-Cu-Catalyzed Substitution Reactions
By: Guzman-Martinez, Aikomari; Hoveyda, Amir H.
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 31 Pages: 10634-10637
Published: AUG 11 2010
Times Cited: 80

**Specific references to Scopus 66.21**

1. Ruthenium-Based Heterocyclic Carbene-Coordinated Olefin Metathesis Catalysts
By: Vougioukalakis, Georgios C.; Grubbs, Robert H.
CHEMICAL REVIEWS Volume: 110 Issue: 3 Pages: 1746-1787 Published: MAR 2010
Times Cited: 755
2. Transition-metal phosphors with cyclometalating ligands: fundamentals and applications
By: Chi, Yun; Chou, Pi-Tai
CHEMICAL SOCIETY REVIEWS Volume: 39 Issue: 2 Pages: 638-655 Published: 2010
Times Cited: 395

## *Expression 'N-heterocyclic carbene(s)': Scopus and WoS*

**Common references 37.31**

1. The Measure of All Rings-N-Heterocyclic Carbenes
By: Droege, Thomas; Glorius, Frank
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 39 Pages: 6940-6952
Published: 2010
Times Cited: 445
2. Stable Cyclic Carbenes and Related Species beyond Diaminocarbenes
By: Melaimi, Mohand; Soleilhavoup, Michele; Bertrand, Guy
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 47 Pages: 8810-8849
Published: 2010
Times Cited: 388

**Specific references to Scopus 89.75**

1. Ruthenium-Based Heterocyclic Carbene-Coordinated Olefin Metathesis Catalysts
By: Vougioukalakis, Georgios C.; Grubbs, Robert H.
CHEMICAL REVIEWS Volume: 110 Issue: 3 Pages: 1746-1787 Published: MAR 2010
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By: Chi, Yun; Chou, Pi-Tai
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1. Rhodium-Catalyzed C-C Bond Formation via Heteroatom-Directed C-H Bond Activation
By: Colby, Denise A.; Bergman, Robert G.; Ellman, Jonathan A.
CHEMICAL REVIEWS Volume: 110 Issue: 2 Pages: 624-655 Published: FEB 2010
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ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 1 Pages: 46-76 Published: 2010
Times Cited: 649

## *Expression 'phosphine ligands': Scifinder and WoS*

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1. The Organometallic Fluorine Chemistry of Palladium and Rhodium: Studies toward Aromatic Fluorination
By: Grushin, Vladimir V.
ACCOUNTS OF CHEMICAL RESEARCH Volume: 43 Issue: 1 Pages: 160-171 Published: JAN 2010
Times Cited: 200
2. Recent Progress on the Photonic Properties of Conjugated Organometallic Polymers Built Upon the trans-Bis(para-ethynylbenzene)bis(phosphine)platinum(II) Chromophore and Related Derivatives
By: Wong, Wai-Yeung; Harvey, Pierre D.
MACROMOLECULAR RAPID COMMUNICATIONS Volume: 31 Issue: 8 Pages: 671-713 Published: APR 20 2010
Times Cited: 101

### Specific references to Scifinder 22.92

1. Selective and Flexible Transformation of Biomass-Derived Platform Chemicals by a Multifunctional Catalytic System
By: Geilen, Frank M. A.; Engendahl, Barthel; Harwardt, Andreas; et al.
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 32 Pages: 5510-5514 Published: 2010
Times Cited: 182
2. Hydrogen Generation from Alcohols Catalyzed by Ruthenium Triphenylphosphine Complexes: Multiple Reaction Pathways
By: Sieffert, Nicolas; Buehl, Michael
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### Specific references to WoS 23.82

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By: Albrecht, Martin
CHEMICAL REVIEWS Volume: 110 Issue: 2 Pages: 576-623 Published: FEB 2010
Times Cited: 259
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ADVANCED SYNTHESIS & CATALYSIS Volume: 352 Issue: 5 Pages: 753-819 Published: MAR 2010
Times Cited: 249

## *Expression 'phosphine ligands': Scifinder and Scopus*

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1. The Organometallic Fluorine Chemistry of Palladium and Rhodium: Studies toward Aromatic Fluorination
By: Grushin, Vladimir V.
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By: Wong, Wai-Yeung; Harvey, Pierre D.
MACROMOLECULAR RAPID COMMUNICATIONS Volume: 31 Issue: 8 Pages: 671-713 Published: APR 20 2010
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1. Selective and Flexible Transformation of Biomass-Derived Platform Chemicals by a Multifunctional Catalytic System
By: Geilen, Frank M. A.; Engendahl, Barthel; Harwardt, Andreas; et al.
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Published: 2010
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By: Sieffert, Nicolas; Buehl, Michael
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 23 Pages: 8056-8070
Published: JUN 16 2010
Times Cited: 119

**Specific references to Scopus 27.79**

1. Ruthenium-Based Heterocyclic Carbene-Coordinated Olefin Metathesis Catalysts
By: Vougioukalakis, Georgios C.; Grubbs, Robert H.
CHEMICAL REVIEWS Volume: 110 Issue: 3 Pages: 1746-1787 Published: MAR 2010
Times Cited: 755
2. Direct Amination of Secondary Alcohols Using Ammonia
By: Pingen, Dennis; Muller, Christian; Vogt, Dieter
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 44 Pages: 8130-8133
Published: 2010
Times Cited: 92

## *Expression 'phosphine ligands': Scopus and WoS*

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1. The Organometallic Fluorine Chemistry of Palladium and Rhodium: Studies toward Aromatic Fluorination
By: Grushin, Vladimir V.
ACCOUNTS OF CHEMICAL RESEARCH Volume: 43 Issue: 1 Pages: 160-171 Published: JAN 2010
Times Cited: 200
2. Recent Progress on the Photonic Properties of Conjugated Organometallic Polymers Built Upon the trans-Bis(para-ethynylbenzene)bis(phosphine)platinum(II) Chromophore and Related Derivatives
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**Specific references to Scopus 32.91**

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ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 49 Issue: 44 Pages: 8130-8133
Published: 2010
Times Cited: 92

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By: Albrecht, Martin
CHEMICAL REVIEWS Volume: 110 Issue: 2 Pages: 576-623 Published: FEB 2010
Times Cited: 259
2. Chiral Amine Synthesis - Recent Developments and Trends for Enamide Reduction, Reductive Amination, and Imine Reduction
By: Nugent, Thomas C.; El-Shazly, Mohamed
ADVANCED SYNTHESIS & CATALYSIS Volume: 352 Issue: 5 Pages: 753-819 Published: MAR 2010
Times Cited: 249

## *Expression 'band gap in solar cells': Scifinder and WoS*

### Common references 33.66

1. A New Class of Semiconducting Polymers for Bulk Heterojunction Solar Cells with Exceptionally High Performance
By: Liang, Yongye; Yu, Luping
ACCOUNTS OF CHEMICAL RESEARCH Volume: 43 Issue: 9 Pages: 1227-1236 Published: SEP 2010
Times Cited: 394
2. Incorporation of Furan into Low Band-Gap Polymers for Efficient Solar Cells
By: Woo, Claire H.; Beaujuge, Pierre M.; Holcombe, Thomas W.; et al.
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 44 Pages: 15547-15549 Published: NOV 10 2010
Times Cited: 245

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1. Solar Water Splitting Cells
By: Walter, Michael G.; Warren, Emily L.; McKone, James R.; et al.
CHEMICAL REVIEWS Volume: 110 Issue: 11 Pages: 6446-6473 Published: NOV 2010
Times Cited: 1,358
2. Efficient Dye-Sensitized Solar Cells with an Organic Photosensitizer Featuring Orderly Conjugated Ethylenedioxythiophene and Dithienosilole Blocks
By: Zeng, Wangdong; Cao, Yiming; Bai, Yu; et al.
CHEMISTRY OF MATERIALS Volume: 22 Issue: 5 Pages: 1915-1925 Published: MAR 9 2010
Times Cited: 538

### Specific references to WoS 37.88

1. Polymer-Fullerene Bulk-Heterojunction Solar Cells
By: Brabec, Christoph J.; Gowrisanker, Srinivas; Halls, Jonathan J. M.; et al.
ADVANCED MATERIALS Volume: 22 Issue: 34 Pages: 3839-3856 Published: SEP 8 2010
Times Cited: 922
2. Synthetic Control of Structural Order in N-Alkylthieno[3,4-c]pyrrole-4,6-dione-Based Polymers for Efficient Solar Cells
By: Piliego, Claudia; Holcombe, Thomas W.; Douglas, Jessica D.; et al.
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## *Expression 'band gap in solar cells': Scifinder and Scopus*

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CHEMICAL REVIEWS Volume: 110 Issue: 11 Pages: 6446-6473 Published: NOV 2010
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Times Cited: 538
2. A New Class of Semiconducting Polymers for Bulk Heterojunction Solar Cells with Exceptionally High Performance
By: Liang, Yongye; Yu, Luping

ACCOUNTS OF CHEMICAL RESEARCH Volume: 43 Issue: 9 Pages: 1227-1236 Published: SEP 2010
Times Cited: 394

### Specific references to Scopus 34.38

1. Enhanced absorption and carrier collection in Si wire arrays for photovoltaic applications
By: Kelzenberg, Michael D.; Boettcher, Shannon W.; Petykiewicz, Jan A.; et al.
NATURE MATERIALS Volume: 9 Issue: 3 Pages: 239-244 Published: MAR 2010
Times Cited: 628
2. A Thieno[3,4-c]pyrrole-4,6-dione-Based Copolymer for Efficient Solar Cells
By: Zou, Yingping; Najari, Ahmed; Berrouard, Philippe; et al.
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 15 Pages: 5330-+ Published: APR 21 2010
Times Cited: 477

## *Expression 'band gap in solar cells': Scopus and WoS*

### Common references 31.10

1. A Thieno[3,4-c]pyrrole-4,6-dione-Based Copolymer for Efficient Solar Cells
By: Zou, Yingping; Najari, Ahmed; Berrouard, Philippe; et al.
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Times Cited: 477
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1. Solar Water Splitting Cells
By: Walter, Michael G.; Warren, Emily L.; McKone, James R.; et al.
CHEMICAL REVIEWS Volume: 110 Issue: 11 Pages: 6446-6473 Published: NOV 2010
Times Cited: 1,358
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By: Kelzenberg, Michael D.; Boettcher, Shannon W.; Petykiewicz, Jan A.; et al.
NATURE MATERIALS Volume: 9 Issue: 3 Pages: 239-244 Published: MAR 2010
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1. Polymer-Fullerene Bulk-Heterojunction Solar Cells
By: Brabec, Christoph J.; Gowrisanker, Srinivas; Halls, Jonathan J. M.; et al.
ADVANCED MATERIALS Volume: 22 Issue: 34 Pages: 3839-3856 Published: SEP 8 2010
Times Cited: 922
2. Synthetic Control of Structural Order in N-Alkylthieno[3,4-c]pyrrole-4,6-dione-Based Polymers for Efficient Solar Cells
By: Piliego, Claudia; Holcombe, Thomas W.; Douglas, Jessica D.; et al.
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 22 Pages: 7595-+ Published: JUN 9 2010
Times Cited: 590

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IDDUP SCRIPT
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This script is published under CC-BY-SA licence. It has been developed by the authors of the manuscript related to
the DOI: 10.1039/c5nj01077b. Please cite this DOI when reusing the script.
-----------------

#!/usr/bin/php
<?php
if($argc == 2)
  {
    $ris=new risread($argv[1]);
    $ris->filtreJournal();
    $ris->deduplic();
    $ris->writeris('fichier-doublons.ris',FALSE);
    $ris->writeris('doublons.ris',TRUE);

    //    print_r($ris->refs);
  }
elseif($argc ==3)
  {
    $ris1=new risread($argv[1]);
    $ris1->filtreJournal();
    $ris1->deduplic();

    $ris2=new risread($argv[2]);
    $ris2->filtreJournal();
    $ris2->deduplic();

    $compare=new riscompare();
    $compare->intersect2($ris1,$ris2);
    $ris1->writeris('B1-C.ris');
    $ris2->writeris('B2-C.ris');
    $compare->writeris('C.ris', $compare->doublons12);
  }
elseif($argc ==4)
  {
    $ris1=new risread($argv[1]);
    $ris1->filtreJournal();
    $ris1->deduplic();

    $ris2=new risread($argv[2]);
    $ris2->filtreJournal();
    $ris2->deduplic();

    $ris3=new risread($argv[3]);
    $ris3->filtreJournal();
    $ris3->deduplic();

    $compare=new riscompare();
    $compare->intersect3($ris1,$ris2,$ris3);

    $compare->writeris('C.ris', $compare->doublons123);
    $ris1->writeris('B1-B1B2-B1B3.ris');
    $ris2->writeris('B2-B2B1-B2B3.ris');
    $ris3->writeris('B3-B3B1-B3B2.ris');
  }


/*************************************************/
/*    Comparaison entre des listes de publis    */
/*************************************************/

class riscompare
{

```

```php
  var $doublons12=array();
  var $doublons123=array();
  var $poubelle=array();
  var $equivalenceT=array();
/*********************************************/
/*       Écriture d'un fichier ris           */
/*********************************************/
function writeris($fichier, $liste=NULL)
{
  //Si doublon==TRUE, on sort la liste des doublons
  if(!($fd=fopen($fichier,"w")))
    die("Impossible d'ouvrir le fichier $fichier");
  printf("%d références dans %s\n",count($liste),$fichier);
  foreach($liste as $ref)
    {
      fprintf($fd, "TY  - %s\n",$ref['TypeRef']);
      if(isset($ref['Annee']))
    fprintf($fd, "PY  - %s\n",$ref['Annee']);
      if(isset($ref['DOI']))
    fprintf($fd, "DO  - %s\n",$ref['DOI']);
      foreach($ref['Auteurs'] as $auteur)
    fprintf($fd, "AU  - %s\n",$auteur);
      if(isset($ref['Titre']))
    fprintf($fd, "T1  - %s\n",$ref['Titre']);
      if(isset($ref['Resume']))
    fprintf($fd, "N2  - %s\n",$ref['Resume']);
      if(isset($ref['Journal']))
    fprintf($fd, "JF  - %s\n",$ref['Journal']);
      if(isset($ref['Volume']))
    fprintf($fd, "VL  - %s\n",$ref['Volume']);
      if(isset($ref['Numero']))
    fprintf($fd, "IS  - %s\n",$ref['Numero']);
      if(isset($ref['PageDeb']))
    fprintf($fd, "SP  - %s\n",$ref['PageDeb']);
      if(isset($ref['ISSN']))
    fprintf($fd, "SN  - %s\n",$ref['ISSN']);
      if(isset($ref['Keywords']))
    fprintf($fd, "KW  - %s\n",$ref['Keywords']);
     if(isset($ref['KeywordsPlus']))                    //on rajoute les mots-clés du WoS
    fprintf($fd, "ID  - %s\n",$ref['KeywordsPlus']);    // appelés KeywordsPlus
      fprintf($fd, "ER  - \n\n");
    }
  fclose($fd);

}

/*********************************************/
/*          Comparaison floue                */
/*********************************************/

 function compare_flou($titre1,$titre2){
       // Si les string ont plus de 20% de diff de taille elle sont diff

   $longest=(strlen($titre1)>strlen($titre2))?strlen($titre1):strlen($titre2);
   $shortest=(strlen($titre1)>strlen($titre2))?strlen($titre2):strlen($titre1);
   if($longest-$shortest>ceil($longest*20/100)) return 0;

   $maxErr=ceil($longest*12/100)+1;
   $erreurs = levenshtein(substr(strtolower($titre1),0,254),substr(strtolower($titre2),0,254));

   if( $erreurs <= $maxErr )
     return TRUE;
   else
     return FALSE;
  }

```

```php
/*************************************************/
/*        Extraction des doublons                */
/*************************************************/
function deduplique(&$liste1,$nbrefs1,&$liste2,$nbrefs2, &$doublons)
{
 /*Entrée:
   $liste1 : première liste de référence
   $liste2: deuxième liste de références (peut être identique à la première)
   Sortie:
   $liste1: première liste sans les doublons
   $liste2: deuxième liste sans les doublons
   $doublons: liste des doublons

 */

 if($liste1 === $liste2)
   $interne=TRUE;
 else
   $interne=FALSE;


 $nbDoublons=0;

 for($i=0;$i<$nbrefs1;$i++)
   {
    if(isset($liste1[$i]))
   {
    $titre=$liste1[$i]['Titre'];
    $journal=$liste1[$i]['Journal'];
    if(isset($liste1[$i]['PageDeb']))
      $pageDeb=$liste1[$i]['PageDeb'];
    else
      $pageDeb=NULL;

    if(isset($liste1[$i]['ISSN']))
      $ISSN=$liste1[$i]['ISSN'];
    else
      $ISSN=NULL;
    $nbAut=$liste1[$i]['nbAut'];

    if(isset($liste1[$i]['DOI']))
      $doi=$liste1[$i]['DOI'];
    else
      $doi=NULL;

    if(isset($liste1[$i]['Volume']))
      $volume=$liste1[$i]['Volume'];
    else
      $volume=NULL;

    if(isset($liste1[$i]['Numero']))
      $numero=$liste1[$i]['Numero'];
    else
      $numero=NULL;


    if($interne)
      $jdeb=$i+1;
    else
      $jdeb=0;

    for($j=$jdeb;$j<$nbrefs2;$j++)
      {
       if(isset($liste2[$j]))
      {
       $score=0;
```

```
198         if((isset($liste2[$j]['DOI']))&&(isset($doi)))
199           {
200            if($doi==$liste2[$j]['DOI'])
201           $score=10;
202           }
203         else
204           {
205                 //Établissement d'un score
206           //On commence par comparer les titres
207            if($this->compare_flou($titre,$liste2[$j]['Titre']))
208           $score+=3;
209            //Même journal
210            if(strtolower($journal)==strtolower($liste2[$j]['Journal']))
211             $score++;
212            else{
213           //Comparaison ISSN, ssi le nom du journal ne correspond pas
214            if((isset($ISSN))&&(isset($liste2[$j]['ISSN'])))
215             if($ISSN==$liste2[$j]['ISSN'])
216               $score++;
217             }
218           //Mêmes auteurs
219            if($nbAut==$liste2[$j]['nbAut'])
220             {
221              $score+=0.5;
222              for($k=0;$k<$nbAut;$k++)
223             {
224              if(!isset($liste1[$i]['Auteurs'][$k]))
225                {
226                  echo "$i/$j/$k\n";
227                  echo "$nbAut auteurs\n";
228                  print_r($liste1[$i]);
229                }
230              if($this->compare_flou($liste1[$i]['Auteurs'][$k],$liste2[$j]['Auteurs'][$k]))
231               $score+=1/$nbAut;
232             }
233             }
234            //Si on a la page de début, on compare
235            if((isset($liste2[$j]['PageDeb']))&&(isset($pageDeb)))
236             {
237              if($liste2[$j]['PageDeb']==$pageDeb)
238             $score+=1.5;
239             }
240            //Si on a le volume, on compare
241            if((isset($liste2[$j]['Volume']))&&(isset($volume)))
242             {
243              if($liste2[$j]['Volume']==$volume)
244             $score+=0.5;
245             }
246
247            //Si on a le numéro du volume, on compare
248            if((isset($liste2[$j]['Numero']))&&(isset($numero)))
249             {
250              if($liste2[$j]['Numero']==$numero)
251             $score+=0.5;
252             }
253           }
254
255         if($score>5)
256           {
257           if($journal!=$liste2[$j]['Journal'])
258            {
259             //Identification des équivalences de journaux
260           if(!isset($this->equivalenceT[$liste2[$j]['Journal']]))
261            {
262             $this->equivalenceT[$liste2[$j]['Journal']]=$journal;
263             printf("'%s'=>'%s',\n",$liste2[$j]['Journal'],$journal);
```

```
264             }
265             }
266             //On rajoute les informations présentes dans une version mais  pas dans l'autre
267             if((isset($liste1[$i]['DOI']))&&(!isset($liste2[$j]['DOI'])))
268               $liste2[$j]['DOI']=$liste1[$i]['DOI'];
269             if((!isset($liste1[$i]['DOI']))&&(isset($liste2[$j]['DOI'])))
270               $liste1[$i]['DOI']=$liste2[$j]['DOI'];
271
272               if((isset($liste1[$i]['Volume']))&&(!isset($liste2[$j]['Volume'])))
273               $liste2[$j]['Volume']=$liste1[$i]['Volume'];
274             if((!isset($liste1[$i]['Volume']))&&(isset($liste2[$j]['Volume'])))
275               $liste1[$i]['Volume']=$liste2[$j]['Volume'];
276
277               if((isset($liste1[$i]['Numero']))&&(!isset($liste2[$j]['Numero'])))
278               $liste2[$j]['Numero']=$liste1[$i]['Numero'];
279             if((!isset($liste1[$i]['Numero']))&&(isset($liste2[$j]['Numero'])))
280               $liste1[$i]['Numero']=$liste2[$j]['Numero'];
281
282
283               //Ajout de la référence à la liste de doublons
284             $doublons[]=$liste2[$j];
285             /* echo "Doublon ($score)\n";
286             print_r($liste1[$i]);
287             print_r($liste2[$j]);*/
288             unset($liste2[$j]);
289             if(!$interne)
290           unset($liste1[$i]);
291             $nbDoublons++;
292             if(!$interne)
293           break; //On a trouvé un doublon, inutile de continuer
294           }
295       }
296       }
297     }
298     }
299   if($interne)
300     echo "$nbDoublons doublons internes supprimés\n";
301   else
302     echo "$nbDoublons références communes identifiées\n";
303
304 }
305
306
307   function intersect2($liste1, $liste2)
308   {
309     $this->deduplique($liste1->refs,$liste1->nbrefs, $liste2->refs,$liste2->nbrefs, $this->doublons12);
310   }
311
312
313   function intersect3($liste1, $liste2, $liste3)
314   {
315     $lref1=array_reverse($liste1->refs, FALSE); $lref2=array_reverse($liste2->refs, FALSE);
316     $lref3=array_reverse($liste3->refs, FALSE); $lref3a=array_reverse($liste3->refs, FALSE);
317     //NB: le reverse est juste là pour renuméroter le tableau
318
319     //On enlève à liste1 et liste2 les doublons
320     $this->deduplique($liste1->refs,$liste1->nbrefs, $liste2->refs,$liste2->nbrefs, $this->doublons12);
321     //On cherche l'intersection des 3 listes
322
323     $this->deduplique($liste3->refs,$liste3->nbrefs, $this->doublons12,count($this->doublons12), $this->
      doublons123);
324
325
326     //On enlève à liste1 et liste2 les publis communes avec la liste3 d'origine
327     $this->deduplique($liste1->refs,$liste1->nbrefs, $lref3,count($lref3), $poubelle);
328     $this->deduplique($liste2->refs,$liste2->nbrefs, $lref3a,count($lref3a),$poubelle);
```

```
329
330     //On enlève à la liste3 les publis communes avec les listes 1 et 2 d'origine
331     $this->deduplique($liste3->refs,$liste3->nbrefs, $lref1,count($lref1), $poubelle);
332     $this->deduplique($liste3->refs,$liste3->nbrefs, $lref2,count($lref2), $poubelle);
333
334   }
335
336 }
337
338
339 class risread extends riscompare
340 {
341 var $refs=array();
342 var $doublons=array();
343 var $nbrefs=0;
344 var $equivalences=array(
345   'ACCOUNTS OF CHEMICAL RESEARCH'=>'Accounts of Chemical Research',
346   'ACS CHEMICAL BIOLOGY'=>'ACS Chemical Biology',
347   'Acta crystallographica. Section B, Structural science'=>'Acta Crystallographica, Section B: Structural Science',
348   'Acta crystallographica. Section D, Biological crystallography'=>'Acta Crystallographica, Section D: Biological Crystallography',
349   'Acta Crystallographica Section E: Structure Reports Online'=>'Acta Crystallographica, Section E: Structure Reports Online',
350   'ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE'=>'Acta Crystallographica, Section E: Structure Reports Online',
351   'Acta crystallographica. Section E, Structure reports online'=>'Acta Crystallographica, Section E: Structure Reports Online',
352   'Advanced Synthesis & Catalysis'=>'Advanced Synthesis and Catalysis',
353   'ADVANCED SYNTHESIS & CATALYSIS'=>'Advanced Synthesis and Catalysis',
354   'AIDS RESEARCH AND HUMAN RETROVIRUSES'=>'AIDS Research and Human Retroviruses',
355   'ALDRICHIMICA ACTA'=>'Aldrichimica Acta',
356   'American journal of physiology. Heart and circulatory physiology'=>'American Journal of Physiology',
357   'AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY'=>'American Journal of Physiology',
358   'AMINO ACIDS'=>'Amino Acids',
359   'Angewandte Chemie (International ed. in English)'=>'Angewandte Chemie, International Edition',
360   'Angewandte Chemie - International Edition'=>'Angewandte Chemie, International Edition',
361   'ANGEWANDTE CHEMIE-INTERNATIONAL EDITION'=>'Angewandte Chemie, International Edition',
362   'ANTIMICROBIAL AGENTS AND CHEMOTHERAPY'=>'Antimicrobial Agents and Chemotherapy',
363   'Antiviral therapy'=>'Antiviral Therapy',
364   'Applied Catalysis, A: General'=>'Applied Catalysis A: General',
365   'APPLIED CATALYSIS A-GENERAL'=>'Applied Catalysis A: General',
366   'APPLIED ORGANOMETALLIC CHEMISTRY'=>'Applied Organometallic Chemistry',
367   'ARKIVOC'=>'ARKIVOC (Gainesville, FL, United States)',
368   'ARKIVOC (Gainesville, FL, United States)'=>'Arkivoc',
369   'ASIAN JOURNAL OF CHEMISTRY'=>'Asian Journal of Chemistry',
370   'AUSTRALIAN JOURNAL OF CHEMISTRY'=>'Australian Journal of Chemistry',
371   'BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY'=>'Beilstein Journal of Organic Chemistry',
372   'Beilstein journal of organic chemistry'=>'Beilstein Journal of Organic Chemistry',
373   'BIOCHEMISTRY'=>'Biochemistry',
374   'Biochimica et Biophysica Acta, Proteins and Proteomics'=>'Biochimica et Biophysica Acta - Proteins and Proteomics',
375   'BIOCHIMICA ET BIOPHYSICA ACTA-PROTEINS AND PROTEOMICS' =>'Biochimica et Biophysica Acta - Proteins and Proteomics',
376   'BIOLOGICAL BULLETIN'=>'Biological Bulletin (Woods Hole, MA, United States)',
377   'BIOLOGICAL CHEMISTRY'=>'Biological Chemistry',
378   'BIOMACROMOLECULES'=>'Biomacromolecules',
379   'BIOMATERIALS'=>'Biomaterials',
380   'BIOORGANIC CHEMISTRY'=>'Bioorganic Chemistry',
381   'Bioorganic & Medicinal Chemistry'=>'Bioorganic and Medicinal Chemistry',
382   'BIOORGANIC & MEDICINAL CHEMISTRY'=>'Bioorganic and Medicinal Chemistry',
383   'Bioorganic & Medicinal Chemistry Letters'=>'Bioorganic and Medicinal Chemistry Letters',
384   'BIOORGANIC & MEDICINAL CHEMISTRY LETTERS'=>'Bioorganic and Medicinal Chemistry Letters',
385   'BIOPOLYMERS'=>'Biopolymers',
386   'BMC bioinformatics'=>'BMC Bioinformatics',
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'BMC ecology'=>'BMC Ecology',
'BMC genomics'=>'BMC Genomics',
'BMC medical genomics'=>'BMC Medical Genomics',
'BMC plant biology'=>'BMC Plant Biology',
'BMC structural biology'=>'BMC Structural Biology',
'BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN'=>'Bulletin of the Chemical Society of Japan',
'BULLETIN OF THE KOREAN CHEMICAL SOCIETY'=>'Bulletin of the Korean Chemical Society',
'CANADIAN JOURNAL OF CHEMISTRY-REVUE CANADIENNE DE CHIMIE'=>'Canadian Journal of Chemistry',
'CANCER LETTERS'=>'Cancer Letters (Shannon, Ireland)',
'CARBOHYDRATE RESEARCH'=>'Carbohydrate Research',
'CATALYSIS COMMUNICATIONS'=>'Catalysis Communications',
'CATALYSIS LETTERS'=>'Catalysis Letters',
'CATALYSIS TODAY'=>'Catalysis Today',
'CENTRAL EUROPEAN JOURNAL OF CHEMISTRY'=>'Central European Journal of Chemistry',
'ChemBioChem'=>'Chembiochem : a European journal of chemical biology',
'CHEMBIOCHEM'=>'Chembiochem : a European journal of chemical biology',
'CHEMCATCHEM'=>'ChemCatChem',
'Chemical Biology and Drug Design'=>'Chemical Biology & Drug Design',
'CHEMICAL BIOLOGY & DRUG DESIGN'=>'Chemical Biology & Drug Design',
'Chemical communications (Cambridge, England)'=>'Chemical Communications (Cambridge, United Kingdom)',
'Chemical Communications'=>'Chemical Communications (Cambridge, United Kingdom)',
'CHEMICAL COMMUNICATIONS'=>'Chemical Communications (Cambridge, United Kingdom)',
'Chemical & Pharmaceutical Bulletin'=>'Chemical and Pharmaceutical Bulletin',
'CHEMICAL & PHARMACEUTICAL BULLETIN'=>'Chemical and Pharmaceutical Bulletin',
'CHEMICAL RECORD'=>'Chemical Record',
'CHEMICAL RESEARCH IN CHINESE UNIVERSITIES'=>'Chemical Research in Chinese Universities',
'CHEMICAL REVIEWS'=>'Chemical Reviews (Washington, DC, United States)',
'CHEMICAL SCIENCE'=>'Chemical Science',
'CHEMICAL SOCIETY REVIEWS'=>'Chemical Society Reviews',
'CHEMISTRY-A EUROPEAN JOURNAL'=>'Chemistry--A European Journal',
'Chemistry - A European Journal'=>'Chemistry--A European Journal',
'Chemistry--An Asian Journal'=>'Chemistry - An Asian Journal',
'CHEMISTRY-AN ASIAN JOURNAL'=>'Chemistry - An Asian Journal',
'CHEMISTRY LETTERS'=>'Chemistry Letters',
'Chemistry (Weinheim an der Bergstrasse, Germany)'=>'Chemistry--A European Journal',
'CHEMMEDCHEM'=>'ChemMedChem',
'CHEMPHYSCHEM'=>'ChemPhysChem',
'CHEMSUSCHEM'=>'ChemSusChem',
'CHIMIA'=>'Chimia',
'CHIMICA OGGI-CHEMISTRY TODAY'=>'Chimica Oggi',
'CHINESE CHEMICAL LETTERS'=>'Chinese Chemical Letters',
'CHINESE JOURNAL OF CHEMISTRY'=>'Chinese Journal of Chemistry',
'CHINESE SCIENCE BULLETIN'=>'Chinese Science Bulletin',
'CHIRALITY'=>'Chirality',
'COMPTES RENDUS CHIMIE'=>'Comptes Rendus Chimie',
'CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS'=>'Critical Reviews in Therapeutic Drug Carrier Systems',
'Crystal Growth and Design'=>'Crystal Growth & Design',
'CRYSTENGCOMM'=>'CrystEngComm',
'CURRENT MEDICINAL CHEMISTRY'=>'Current Medicinal Chemistry',
'Current Opinion in Drug Discovery & Development'=>'Current Opinion in Drug Discovery and Development',
'CURRENT OPINION IN DRUG DISCOVERY & DEVELOPMENT'=>'Current Opinion in Drug Discovery and Development',
'CURRENT ORGANIC CHEMISTRY'=>'Current Organic Chemistry',
'CURRENT ORGANIC SYNTHESIS'=>'Current Organic Synthesis',
'CURRENT PHARMACEUTICAL DESIGN'=>'Current Pharmaceutical Design',
'CURRENT PROTEIN & PEPTIDE SCIENCE'=>'Current Protein and Peptide Science',
'CURRENT TOPICS IN MEDICINAL CHEMISTRY'=>'Current Topics in Medicinal Chemistry (Sharjah, United Arab Emirates)',
'DALTON TRANSACTIONS'=>'Dalton Transactions',
'DIABETES OBESITY & METABOLISM'=>'Diabetes, Obesity and Metabolism',
'DRUG METABOLISM AND DISPOSITION'=>'Drug Metabolism and Disposition',
'EUROPEAN JOURNAL OF INORGANIC CHEMISTRY'=>'European Journal of Inorganic Chemistry',
'EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY'=>'European Journal of Medicinal Chemistry',
'EUROPEAN JOURNAL OF ORGANIC CHEMISTRY'=>'European Journal of Organic Chemistry',
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'EUROPEAN JOURNAL OF PHARMACOLOGY'=>'European Journal of Pharmacology',
'EXPERT OPINION ON THERAPEUTIC PATENTS'=>'Expert Opinion on Therapeutic Patents',
'FEBS JOURNAL'=>'FEBS Journal',
'GREEN CHEMISTRY'=>'Green Chemistry',
'HEART RHYTHM'=>'Heart rhythm : the official journal of the Heart Rhythm Society',
'HELVETICA CHIMICA ACTA'=>'Helvetica Chimica Acta',
'HETEROCYCLES'=>'Heterocycles',
'INDIAN JOURNAL OF HEMATOLOGY AND BLOOD TRANSFUSION'=>'Indian journal of hematology & blood transfusion : an official journal of Indian Society of Hematology and Blood Transfusion',
'INORGANIC CHEMISTRY'=>'Inorganic Chemistry',
'Inorganic Chemistry (Washington, DC, United States)'=>'Inorganic Chemistry',
'INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS'=>'International Journal of Peptide Research and Therapeutics',
'ISRAEL JOURNAL OF CHEMISTRY'=>'Israel Journal of Chemistry',
'JOURNAL OF APPLIED POLYMER SCIENCE'=>'Journal of Applied Polymer Science',
'JOURNAL OF BIOLOGICAL CHEMISTRY'=>'Journal of Biological Chemistry',
'Journal of biomedical materials research. Part A'=>'Journal of Biomedical Materials Research, Part A',
'JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS'=>'Journal of Biomolecular Structure and Dynamics',
'JOURNAL OF CATALYSIS'=>'Journal of Catalysis',
'JOURNAL OF CELLULAR BIOCHEMISTRY'=>'Journal of Cellular Biochemistry',
'JOURNAL OF CHEMICAL EDUCATION'=>'Journal of Chemical Education',
'JOURNAL OF CHEMICAL INFORMATION AND MODELING'=>'Journal of Chemical Information and Modeling',
'JOURNAL OF CHEMICAL RESEARCH'=>'Journal of Chemical Research',
'JOURNAL OF CHEMICAL SCIENCES'=>'Journal of Chemical Sciences (Bangalore)',
'JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY'=>'Journal of Chemical Technology and Biotechnology',
'JOURNAL OF CHEMICAL THEORY AND COMPUTATION'=>'Journal of Chemical Theory and Computation',
'JOURNAL OF COMBINATORIAL CHEMISTRY'=>'Journal of Combinatorial Chemistry',
'JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN'=>'Journal of Computer-Aided Molecular Design',
'Journal of electron microscopy'=>'Journal of Electron Microscopy',
'JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY'=>'Journal of Enzyme Inhibition and Medicinal Chemistry',
'JOURNAL OF FLUORINE CHEMISTRY'=>'Journal of Fluorine Chemistry',
'JOURNAL OF HETEROCYCLIC CHEMISTRY'=>'Journal of Heterocyclic Chemistry',
'JOURNAL OF IMMUNOLOGY'=>'Journal of Immunology',
'JOURNAL OF MATERIALS CHEMISTRY'=>'Journal of Materials Chemistry',
'JOURNAL OF MEDICINAL CHEMISTRY'=>'Journal of Medicinal Chemistry',
'Journal of medicinal chemistry'=>'Journal of Medicinal Chemistry',
'JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL'=>'Journal of Molecular Catalysis A: Chemical',
'Journal of Molecular Graphics & Modelling'=>'Journal of Molecular Graphics and Modelling',
'JOURNAL OF MOLECULAR GRAPHICS & MODELLING'=>'Journal of Molecular Graphics and Modelling',
'JOURNAL OF MOLECULAR RECOGNITION'=>'Journal of Molecular Recognition',
'JOURNAL OF MOLECULAR STRUCTURE'=>'Journal of Molecular Structure',
'JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM'=>'Journal of Molecular Structure: THEOCHEM',
'JOURNAL OF NUCLEAR MEDICINE'=>'Journal of Nuclear Medicine',
'JOURNAL OF ORGANIC CHEMISTRY'=>'Journal of Organic Chemistry',
'JOURNAL OF PEPTIDE SCIENCE'=>'Journal of Peptide Science',
'JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS'=>'Journal of Pharmaceutical and Biomedical Analysis',
'Journal of Physical Chemistry A:  Molecules, Spectroscopy, Kinetics, Environment, and General Theory'=>'The Journal of Physical Chemistry A',
'Journal of Physical Chemistry A'=>'The Journal of Physical Chemistry A',
'JOURNAL OF PHYSICAL CHEMISTRY A'=>'The Journal of Physical Chemistry A',
'JOURNAL OF PHYSICAL ORGANIC CHEMISTRY'=>'Journal of Physical Organic Chemistry',
'JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY'=>'Journal of Polymer Science, Part A: Polymer Chemistry',
'JOURNAL OF SYNTHETIC ORGANIC CHEMISTRY JAPAN'=>'Yuki Gosei Kagaku Kyokaishi',
'JOURNAL OF THE AMERICAN CHEMICAL SOCIETY'=>'Journal of the American Chemical Society',
'JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY'=>'Journal of the Brazilian Chemical Society',
'JOURNAL OF THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM'=>'JRAAS',
'KINETICS AND CATALYSIS'=>'Kinetics and Catalysis',
'LETTERS IN ORGANIC CHEMISTRY'=>'Letters in Organic Chemistry',
'MACROMOLECULAR RAPID COMMUNICATIONS'=>'Macromolecular Rapid Communications',
'MACROMOLECULES'=>'Macromolecules',
'Macromolecules (Washington, DC, United States)'=>'Macromolecules',
'MAGNETIC RESONANCE IN CHEMISTRY'=>'Magnetic Resonance in Chemistry',
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'MARINE DRUGS'=>'Marine Drugs',
'MEDCHEMCOMM'=>'MedChemComm',
'MEDICINAL RESEARCH REVIEWS'=>'Medicinal Research Reviews',
'MENDELEEV COMMUNICATIONS'=>'Mendeleev Communications',
'MINI-REVIEWS IN MEDICINAL CHEMISTRY'=>'Mini-Reviews in Medicinal Chemistry',
'MINI-REVIEWS IN ORGANIC CHEMISTRY'=>'Mini-Reviews in Organic Chemistry',
'Molecular cancer'=>'Molecular Cancer',
'MOLECULAR CANCER'=>'Molecular Cancer',
'MOLECULAR CANCER RESEARCH'=>'Molecular Cancer Research',
'MOLECULAR CANCER THERAPEUTICS'=>'Molecular Cancer Therapeutics',
'MOLECULAR DIVERSITY'=>'Molecular Diversity',
'MOLECULAR IMAGING AND BIOLOGY'=>'Molecular imaging and biology : MIB : the official publication of the Academy of Molecular Imaging',
'MOLECULAR PHARMACEUTICS'=>'Molecular Pharmaceutics',
'MOLECULAR PHARMACOLOGY'=>'Molecular Pharmacology',
'MOLECULES'=>'Molecules',
'MONATSHEFTE FUR CHEMIE'=>'Monatshefte fuer Chemie',
'NANO TODAY'=>'Nano Today',
'NATURAL PRODUCT REPORTS'=>'Natural Product Reports',
'NATURE CHEMISTRY'=>'Nature Chemistry',
'NEOPLASIA'=>'Neoplasia (Ann Arbor, MI, United States)',
'NEW JOURNAL OF CHEMISTRY'=>'New Journal of Chemistry',
'NUCLEOSIDES NUCLEOTIDES & NUCLEIC ACIDS'=>'Nucleosides, Nucleotides and Nucleic Acids',
'Organic & biomolecular chemistry'=>'Organic and Biomolecular Chemistry',
'Organic & Biomolecular Chemistry'=>'Organic and Biomolecular Chemistry',
'ORGANIC & BIOMOLECULAR CHEMISTRY'=>'Organic and Biomolecular Chemistry',
'Organic letters'=>'Organic Letters',
'ORGANIC LETTERS'=>'Organic Letters',
'Organic Process Research & Development'=>'Organic Process Research and Development',
'ORGANIC PROCESS RESEARCH & DEVELOPMENT'=>'Organic Process Research and Development',
'ORGANOMETALLICS'=>'Organometallics',
'ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES'=>'Origins of Life and Evolution of Biospheres',
'OSTEOARTHRITIS AND CARTILAGE'=>'Osteoarthritis and cartilage / OARS, Osteoarthritis Research Society',
'OXIDATION COMMUNICATIONS'=>'Oxidation Communications',
'Peptides (New York, NY, United States)'=>'Peptides',
'PEPTIDES'=>'Peptides',
'PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS'=>'Phosphorus, Sulfur and Silicon and the Related Elements',
'Physical chemistry chemical physics : PCCP'=>'Physical Chemistry Chemical Physics',
'PHYSICAL CHEMISTRY CHEMICAL PHYSICS'=>'Physical Chemistry Chemical Physics',
'PloS one'=>'PLoS One',
'PLOS ONE'=>'PLoS One',
'Proceedings of the National Academy of Sciences of the United States of America, Early Edition'=>'Proceedings of the National Academy of Sciences of the United States of America',
'PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA'=>'Proceedings of the National Academy of Sciences of the United States of America',
'PROTEIN AND PEPTIDE LETTERS'=>'Protein and Peptide Letters',
'Protein & Peptide Letters'=>'Protein and Peptide Letters',
'PURE AND APPLIED CHEMISTRY'=>'Pure and Applied Chemistry',
'RUSSIAN CHEMICAL REVIEWS'=>'Russian Chemical Reviews',
'SCIENCE CHINA-CHEMISTRY'=>'Science China: Chemistry',
'SCIENCE'=>'Science (Washington, DC, United States)',
'Science signaling'=>'Science Signaling',
'Science translational medicine'=>'Science Translational Medicine',
'SCIENCE TRANSLATIONAL MEDICINE'=>'Science Translational Medicine',
'SOFT MATTER'=>'Soft Matter',
'SYNLETT'=>'Synlett',
'SYNTHESIS-STUTTGART'=>'Synthesis',
'SYNTHETIC COMMUNICATIONS'=>'Synthetic Communications',
'Tetrahedron: Asymmetry'=>'Tetrahedron:  Asymmetry',
'TETRAHEDRON-ASYMMETRY'=>'Tetrahedron:  Asymmetry',
'TETRAHEDRON LETTERS'=>'Tetrahedron Letters',
'TETRAHEDRON'=>'Tetrahedron',
'TOPICS IN CATALYSIS'=>'Topics in Catalysis',
'The Journal of biological chemistry'=>'Journal of Biological Chemistry',
'The Journal of organic chemistry'=>'Journal of Organic Chemistry',
```

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  'TRENDS IN PHARMACOLOGICAL SCIENCES'=>'Trends in Pharmacological Sciences',
  'XENOBIOTICA'=>'Xenobiotica',
  'Zeitschrift fur Naturforschung. C, Journal of biosciences'=>'Zeitschrift fuer Naturforschung, C: Journal of Biosciences',
  'Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences'=>'Zeitschrift fuer Naturforschung, B: A Journal of Chemical Sciences',
  'ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES'=>'Zeitschrift fuer Naturforschung, C: Journal of Biosciences',
              );

/*******************************************************/
/*          Lecture d'un fichier ris                   */
/*******************************************************/
function risread($fichier)
{
  $ciw=FALSE;

if(!($fd=fopen($fichier,"r")))
  die("Impossible d'ouvrir le fichier $fichier");

$oldchamp='    ';
while($ligne=fgets($fd))
  {
    //On supprime un éventuel "\n"
    if(substr($ligne,-1)=="\n")
      $ligne=substr($ligne,0,-1);

   if(trim($ligne)!='') /*On supprime les lignes vides*/
     {
       if(trim($ligne)=='FN Thomson Reuters Web of Knowledge')
     $ciw=TRUE;

       $champ=substr($ligne,0,2);
       if($champ=='  ')
         $champ=$oldchamp;
       else
       {
     if((substr($ligne,2,3)!='  -')&&(!$ciw))
         die("Fichier invalide, ligne: $ligne|".substr($ligne,2,3));
        $oldchamp=$champ;
       }

       if($ciw)
     $valeur=trim(substr($ligne,3));
       else
     $valeur=trim(substr($ligne,6));

     /*traitement en fonction du type de champ*/
      switch($champ)
    {
    case 'PT':
      $this->refs[$this->nbrefs]['Errata']=FALSE;
      if($valeur=='J')
        $this->refs[$this->nbrefs]['TypeRef']='JOUR';
      if($valeur=='B')
        $this->refs[$this->nbrefs]['TypeRef']='BOOK';
      if($valeur=='S')
        $this->refs[$this->nbrefs]['TypeRef']='SERIES';
      if($valeur=='P')
        $this->refs[$this->nbrefs]['TypeRef']='PATENT';

      break;
    case 'TY'; //Type de la référence
    case 'DT';
       $this->refs[$this->nbrefs]['Errata']=FALSE;
       if($valeur=='Correction')
```

```
633         $this->refs[$this->nbrefs]['Errata']=TRUE;
634       if(($valeur=='Article')||($valeur=='Correction')||($valeur=='Article; Proceedings Paper')
635        ||($valeur=='Article; Book Chapter')
636         ||($valeur=='Editorial Material')||($valeur=='News Item')||($valeur=='Review')||($valeur=='Letter')||(
           $valeur=='Reprint')
637         ||($valeur=='Review; Book Chapter')||($valeur=='Editorial')||($valeur=='Note')||($valeur=='Short
           Survey')
638         ||($valeur=='Conference Paper')||($valeur=='Conference Review'))
639        $valeur='JOUR';
640       if(($valeur=='Meeting Abstract')||($valeur=='Proceedings Papers')||($valeur=='Abstract Report'))
641          $valeur='CONF';
642       $this->refs[$this->nbrefs]['TypeRef']=$valeur;
643
644       break;
645        case 'AU';  //Liste des auteurs
646     case 'CA';
647          if(isset($this->refs[$this->nbrefs]['nbAut']))
648        $this->refs[$this->nbrefs]['nbAut']++;
649        else
650         $this->refs[$this->nbrefs]['nbAut']=1;
651       //On ne garde que la première lettre du prénom
652         $this->refs[$this->nbrefs]['Auteurs'][]=preg_replace('/([^,]+[,][ ]*[A-Za-z]).*/','$1',$valeur);
653       break;
654     case 'PY';
655         $this->refs[$this->nbrefs]['Annee']=$valeur;
656       break;
657     case 'T1';
658     case 'TI';
659     $valeur=str_replace(array('α','β','γ','δ','ε','η','θ','ι','κ','λ','μ','ν','ξ','π','ρ','σ','τ','χ','ψ','ω'),array('alpha','beta','gamma',
    'delta','zeta','eta','theta','iota','kappa','lambda','mu','nu','xi','pi','rho','sigma','tau','chi','psi','omega'),  $valeur);
660       if(isset( $this->refs[$this->nbrefs]['Titre']))//On concatène le titre s'il y en a plusieurs lignes
661         $this->refs[$this->nbrefs]['Titre'].=" $valeur";
662       else
663         $this->refs[$this->nbrefs]['Titre']=$valeur;
664       if(strpos($valeur,'Erratum')!==FALSE) //On recherche le mot Erratum dans le titre
665         $this->refs[$this->nbrefs]['Errata']=TRUE;
666          if(strpos($valeur,'Corrigendum')!==FALSE) //On recherche le mot Corrigendum dans le titre
667         $this->refs[$this->nbrefs]['Errata']=TRUE;
668       break;
669      case 'N1';
670     case 'UT';
671     if(isset( $this->refs[$this->nbrefs]['Source']))//On concatène la source s'il y a plusieurs lignes
672         $this->refs[$this->nbrefs]['Source'].=" $valeur";
673       else
674         $this->refs[$this->nbrefs]['Source']=$valeur;
675     break;
676     case 'N2';
677     case 'AB';
678       if(isset( $this->refs[$this->nbrefs]['Resume']))//On concatène le titre s'il y en a plusieurs lignes
679         $this->refs[$this->nbrefs]['Resume'].=" $valeur";
680       else
681         $this->refs[$this->nbrefs]['Resume']=$valeur;
682       break;
683     case 'DO';
684     case 'DI';
685       $this->refs[$this->nbrefs]['DOI']=strtolower($valeur);
686       break;
687     case 'VL';
688       $this->refs[$this->nbrefs]['Volume']=$valeur;
689       break;
690     case 'IS';
691       $this->refs[$this->nbrefs]['Numero']=$valeur;
692       break;
693     case 'SP';
694     case 'BP';
695       if(preg_match('/([0-9]+)[ ]*-[ ]*([0-9]+)/',$valeur,$matches))
```

```
696         $valeur=$matches[1];
697       $this->refs[$this->nbrefs]['PageDeb']=$valeur;
698       break;
699     case 'JF';
700     case 'JO';
701     case 'SO';
702     if(isset($this->refs[$this->nbrefs]['Journal'])) //Cas d'un journal multiligne
703         $this->refs[$this->nbrefs]['Journal'].=" $valeur";
704       else
705         $this->refs[$this->nbrefs]['Journal']=$valeur; //Substitution du nom de journal
706     if(isset($this->equivalences[$this->refs[$this->nbrefs]['Journal']]))
707        $this->refs[$this->nbrefs]['Journal']=$this->equivalences[$this->refs[$this->nbrefs]['Journal']];
708       break;
709     case 'JA';
710     case 'JI';
711       $this->refs[$this->nbrefs]['JournalAbbr']=$valeur;
712       break;
713     case 'SN';
714       $this->refs[$this->nbrefs]['ISSN']=$valeur;
715       break;
716     case 'KW';
717     case 'DE';
718       if(isset( $this->refs[$this->nbrefs]['Keywords']))//On concatène les mots clefs s'il y en a plusieurs lignes
719         $this->refs[$this->nbrefs]['Keywords'].=" $valeur";
720       else
721         $this->refs[$this->nbrefs]['Keywords']=$valeur;
722       break;
723
724       case 'ID';
725       if(isset( $this->refs[$this->nbrefs]['KeywordsPlus'])) //On concatène les mots clefs s'il y en a plusieurs lignes
726         $this->refs[$this->nbrefs]['KeywordsPlus'].=" $valeur";
727       else
728         $this->refs[$this->nbrefs]['KeywordsPlus']=$valeur;
729       break;
730
731        case 'ER';
732        if(isset($this->refs[$this->nbrefs]['nbAut']))// à decommenter pour supprimer les refs sans auteurs
733       {
734                   $this->nbrefs++;
735        }
736        else {
737              unset($this->refs[$this->nbrefs]);
738           }        // à decommenter pour supprimer les refs sans auteurs
739     /*   $this->nbrefs++;*/ // à commenter pour supprimer les refs sans auteurs
740       break;
741
742     }
743      }
744   }
745 fclose($fd);
746 }
747
748
749 /*********************************************/
750 /*         Déduplication interne             */
751 /*********************************************/
752 function deduplic()
753 {
754   $this->deduplique($this->refs,$this->nbrefs,$this->refs,$this->nbrefs,$this->doublons);
755 }
756 /*********************************************/
757 /* Limitation aux seuls journaux (hors errata) */
758 /*********************************************/
759 function filtreJournal()
760 {
```

```
761
762   foreach($this->refs as $key=>$value)
763     {
764       if(($value['TypeRef']!='JOUR')||($value['Errata']))
765     unset($this->refs[$key]);
766     }
767 }
768
769 /*********************************************/
770 /*       Écriture d'un fichier ris           */
771 /*********************************************/
772 function writeris($fichier, $doublon=FALSE)
773 {
774   if($doublon)
775     parent::writeris($fichier, $this->doublons);
776   else
777     parent::writeris($fichier, $this->refs);
778 }
779
780 }
781
782 ?>
783
```