

Martyn Pillinger

List of Publications by Year in descending order

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247
papers

9,382
citations

30070

54
h-index

60623

81
g-index

255
all docs

255
docs citations

255
times ranked

6839
citing authors

#	ARTICLE	IF	CITATIONS
1	Epoxidation catalysts prepared by encapsulation of molybdenum hexacarbonyl in UiO-66(Zr/Hf)-type metal-organic frameworks. <i>Microporous and Mesoporous Materials</i> , 2022, 330, 111603.	4.4	6
2	Renewable bio-based routes to γ -valerolactone in the presence of hafnium nanocrystalline or hierarchical microcrystalline zeotype catalysts. <i>Journal of Catalysis</i> , 2022, 406, 56-71.	6.2	11
3	Dichloro and dimethyl dioxomolybdenum(VI)-bipyridine complexes as catalysts for oxidative desulfurization of dibenzothiophene derivatives under extractive conditions. <i>Journal of Organometallic Chemistry</i> , 2022, 967, 122336.	1.8	3
4	Selective isomerization of α -pinene oxide to campholenic aldehyde by ionic liquid-supported indenyl-molybdenum(II)-bipyridine complexes. <i>Journal of Organometallic Chemistry</i> , 2022, 970-971, 122372.	1.8	1
5	Catalytic isomerization of d-glucose to d-fructose over BEA base zeotypes using different energy supply methods. <i>Catalysis Today</i> , 2021, 362, 162-174.	4.4	17
6	A silicododecamolybdate/pyridinium-tetrazole hybrid molecular salt as a catalyst for the epoxidation of bio-derived olefins. <i>Inorganica Chimica Acta</i> , 2021, 516, 120129.	2.4	5
7	Heterogeneous catalysis with an organic-inorganic hybrid based on MoO_3 chains decorated with 2,2'-biimidazole ligands. <i>Catalysis Science and Technology</i> , 2021, 11, 2214-2228.	4.1	8
8	Tuning the Behavior of a Hydrotalcite-Supported Sulfonated Bithiophene from Aggregation-Caused Quenching to Efficient Monomer Luminescence. <i>Journal of Physical Chemistry C</i> , 2021, 125, 8294-8303.	3.1	2
9	A hafnium-based metal-organic framework for the entrapment of molybdenum hexacarbonyl and the light-responsive release of the gas transmitter carbon monoxide. <i>Materials Science and Engineering C</i> , 2021, 124, 112053.	7.3	10
10	Hydrophobic/Hydrophilic Interplay in 1,2,4-Triazole- or Carboxylate-Based Molybdenum(VI) Oxide Hybrids: A Step Toward Development of Reaction-Induced Self-Separating Catalysts. <i>ChemCatChem</i> , 2021, 13, 3090-3098.	3.7	4
11	A 5-(2-Pyridyl)tetrazolate Complex of Molybdenum(VI), Its Structure, and Transformation to a Molybdenum Oxide-Based Hybrid Heterogeneous Catalyst for the Epoxidation of Olefins. <i>Catalysts</i> , 2021, 11, 1407.	3.5	7
12	A sustainable peroxophosphomolybdate/H ₂ O ₂ system for the oxidative removal of organosulfur compounds from simulated and real high-sulfur diesels. <i>Applied Catalysis A: General</i> , 2020, 589, 117154.	4.3	19
13	Oxidation of sulfides in aqueous media catalyzed by pyrazole-oxidoperoxido-molybdenum(VI) complexes. <i>Inorganica Chimica Acta</i> , 2020, 511, 119814.	2.4	3
14	Intercalation of γ -Pentamethylcyclopentadienyltrioxomolybdenum(VI) in a Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2408-2416.	2.0	2
15	Desulfurization and Denitrogenation Processes to Treat Diesel Using Mo(VI)-Bipyridine Catalysts. <i>Chemical Engineering and Technology</i> , 2020, 43, 1774-1783.	1.5	11
16	One-Pot Intercalation Strategy for the Encapsulation of a CO-Releasing Organometallic Molecule in a Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2726-2736.	2.0	4
17	Desulfurization of model and real fuels by extraction and oxidation processes using an indenylmolybdenum tricarbonyl pre-catalyst. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5490.	3.5	10
18	Evaluation of the supramolecular interaction of Congo red with cucurbiturils using mass spectrometry and spectroscopic methods. <i>New Journal of Chemistry</i> , 2020, 44, 2587-2596.	2.8	7

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19	Desulfurization of diesel by extraction coupled with Mo-catalyzed sulfoxidation in polyethylene glycol-based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2020, 309, 113093.	4.9	25
20	Optimized preparation and regeneration of MFI type base catalysts for α -D-glucose isomerization in water. <i>Catalysis Science and Technology</i> , 2020, 10, 3232-3246.	4.1	12
21	Mesoporous nanosilica-supported polyoxomolybdate as catalysts for sustainable desulfurization. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 163-171.	4.4	39
22	A hydrogen-bonded assembly of cucurbit[6]uril and $[\text{MoO}_2\text{Cl}_2(\text{H}_2\text{O})_2]$ with catalytic efficacy for the one-pot conversion of olefins to alkoxy products. <i>Dalton Transactions</i> , 2019, 48, 11508-11519.	3.3	2
23	Efficient Isomerization of α -Pinene Oxide to Campholenic Aldehyde Promoted by a Mixed-Ring Analogue of Molybdenocene. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13639-13645.	6.7	11
24	A Comparative Study of Molybdenum Carbonyl and Oxomolybdenum Derivatives Bearing 1,2,3-Triazole or 1,2,4-Triazoles in Catalytic Olefin Epoxidation. <i>Molecules</i> , 2019, 24, 105.	3.8	5
25	Dichlorodioxomolybdenum(VI) complexes bearing oxygen-donor ligands as catalysts for oxidative desulfurization of simulated and real diesel. <i>Catalysis Communications</i> , 2019, 128, 105704.	3.3	11
26	A Molybdenum Trioxide Hybrid Decorated by 3-(1,2,4-Triazol-4-yl)adamantane-1-carboxylic Acid: A Promising Reaction-Induced Self-Separating (RISS) Catalyst. <i>Inorganic Chemistry</i> , 2019, 58, 16424-16433.	4.0	8
27	Deep oxidative desulfurization of diesel fuels using homogeneous and SBA-15-supported peroxophosphotungstate catalysts. <i>Fuel</i> , 2019, 241, 616-624.	6.4	100
28	Desulfurization of liquid fuels by extraction and sulfoxidation using H_2O_2 and $[\text{CpMo}(\text{CO})_3\text{R}]$ as catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 177-183.	20.2	62
29	Performance of chiral tetracarbonylmolybdenum pyridanyl amine complexes in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2018, 858, 29-36.	1.8	6
30	Molybdenum(0) tricarbonyl and tetracarbonyl complexes with a cationic pyrazolylpyridine ligand: synthesis, crystal structures and catalytic performance in olefin epoxidation. <i>RSC Advances</i> , 2018, 8, 16294-16302.	3.6	9
31	A Linear Trinuclear Oxidodiperoxido-molybdenum(VI) Complex with Single Triazole Bridges: Catalytic Activity in Epoxidation, Alcoholysis, and Acetalization Reactions. <i>ChemCatChem</i> , 2018, 10, 2782-2791.	3.7	14
32	$[\text{MoO}_3(2,2\text{-bipy})]_n$ catalyzed oxidation of amines and sulfides. <i>Catalysis Communications</i> , 2018, 103, 60-64.	3.3	17
33	Interactions and Supramolecular Organization of Sulfonated Indigo and Thioindigo Dyes in Layered Hydroxide Hosts. <i>Langmuir</i> , 2018, 34, 453-464.	3.5	18
34	Acid-catalyzed epoxide alcoholysis in the presence of indenyl molybdenum carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2018, 855, 12-17.	1.8	8
35	An Organotin Vanadate with Sodalite Topology and Catalytic Versatility in Oxidative Transformations. <i>ChemCatChem</i> , 2018, 10, 3481-3489.	3.7	3
36	Efficient Oxidative Desulfurization Processes Using Polyoxomolybdate Based Catalysts. <i>Energies</i> , 2018, 11, 1696.	3.1	29

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37	High-yield synthesis and catalytic response of chainlike hybrid materials of the [(MoO ₃) _m (2,2'-bipyridine) _n] family. <i>New Journal of Chemistry</i> , 2018, 42, 16483-16492.	2.8	6
38	One-pot hydrogen production and cascade reaction of furfural to bioproducts over bimetallic Pd-Ni TUD-1 type mesoporous catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 521-537.	20.2	17
39	Synthesis, structure and catalytic olefin epoxidation activity of a dinuclear oxo-bridged oxodiperoxomolybdenum(VI) complex containing coordinated 4,4'-bipyridinium. <i>Molecular Catalysis</i> , 2017, 432, 104-114.	2.0	19
40	Performance of a tetracarbonylmolybdenum(0) pyrazolylpyridine (pre)catalyst in olefin epoxidation and epoxide alcoholysis. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 185-192.	1.8	9
41	Behavior of Triazolylmolybdenum(VI) Oxide Hybrids as Oxidation Catalysts with Hydrogen Peroxide. <i>Catalysis Letters</i> , 2017, 147, 1133-1143.	2.6	14
42	Chemistry and Catalytic Performance of Pyridyl-Benzimidazole Oxidomolybdenum(VI) Compounds in (Bio)Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2617-2627.	2.0	17
43	Insights into the Photophysics and Supramolecular Organization of Congo Red in Solution and the Solid State. <i>ChemPhysChem</i> , 2017, 18, 564-575.	2.1	20
44	TUD-1 type aluminosilicate acid catalysts for 1-butene oligomerisation. <i>Fuel</i> , 2017, 209, 371-382.	6.4	20
45	Ferrocene and ferrocenium inclusion compounds with cucurbiturils: a study of metal atom dynamics probed by Mössbauer spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21548-21555.	2.8	8
46	MFI Acid Catalysts with Different Crystal Sizes and Porosity for the Conversion of Furanic Compounds in Alcohol Media. <i>ChemCatChem</i> , 2017, 9, 2747-2759.	3.7	17
47	Catalytic alcoholysis of epoxides using metal-free cucurbituril-based solids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3873-3877.	2.8	18
48	Oxidomolybdenum complexes for acid catalysis using alcohols as solvents and reactants. <i>Catalysis Science and Technology</i> , 2016, 6, 5207-5218.	4.1	9
49	Bulk and composite catalysts combining BEA topology and mesoporosity for the valorisation of furfural. <i>Catalysis Science and Technology</i> , 2016, 6, 7812-7829.	4.1	23
50	Solid-state study of the structure and host-guest chemistry of cucurbituril-ferrocene inclusion complexes. <i>Dalton Transactions</i> , 2016, 45, 17042-17052.	3.3	12
51	A recyclable ionic liquid-oxomolybdenum(VI) catalytic system for the oxidative desulfurization of model and real diesel fuel. <i>Dalton Transactions</i> , 2016, 45, 15242-15248.	3.3	34
52	Zinc-Substituted Polyoxotungstate@amino-MIL-101(Al) - An Efficient Catalyst for the Sustainable Desulfurization of Model and Real Diesels. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5114-5122.	2.0	46
53	Metal oxide-triazole hybrids as heterogeneous or reaction-induced self-separating catalysts. <i>Journal of Catalysis</i> , 2016, 340, 354-367.	6.2	24
54	Catalytic Application of an Octamolybdate Salt (H ₃ bim) ₄ [¹² -Mo ₈ O ₂₆] in Olefin Epoxidation (H ₂ bim-2,2'-bimidazole). <i>Catalysis Letters</i> , 2016, 146, 841-850.	2.6	10

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55	Integrated reduction and acid-catalysed conversion of furfural in alcohol medium using Zr,Al-containing ordered micro/mesoporous silicates. <i>Applied Catalysis B: Environmental</i> , 2016, 182, 485-503.	20.2	93
56	An Indigo Carmine-Based Hybrid Nanocomposite with Supramolecular Control of Dye Aggregation and Photobehavior. <i>Chemistry - A European Journal</i> , 2015, 21, 12069-12078.	3.3	16
57	Promotion of phosphoester hydrolysis by the ZrIV-based metal-organic framework UiO-67. <i>Microporous and Mesoporous Materials</i> , 2015, 208, 21-29.	4.4	36
58	Catalytic isomerisation of α -pinene oxide in the presence of ETS-10 supported ferrocenium ions. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 66-71.	1.8	6
59	Crystal Structure and Catalytic Behavior in Olefin Epoxidation of a One-Dimensional Tungsten Oxide/Bipyridine Hybrid. <i>Inorganic Chemistry</i> , 2015, 54, 9690-9703.	4.0	18
60	Dichlorodioxomolybdenum(vi) complexes bearing oxygen-donor ligands as olefin epoxidation catalysts. <i>Dalton Transactions</i> , 2015, 44, 14139-14148.	3.3	25
61	One-pot conversion of furfural to useful bio-products in the presence of a Sn,Al-containing zeolite beta catalyst prepared via post-synthesis routes. <i>Journal of Catalysis</i> , 2015, 329, 522-537.	6.2	124
62	Controlling the Fluorescence Behavior of 1-Pyrenesulfonate by Cointercalation with a Surfactant in a Layered Double Hydroxide. <i>Langmuir</i> , 2015, 31, 4769-4778.	3.5	22
63	Ring-opening of epoxides promoted by organomolybdenum complexes of the type $[(\eta^5\text{-C}_5\text{H}_4\text{R})\text{Mo}(\text{CO})_2(\text{I}^-\text{C}_3\text{H}_5)]$ and $[(\eta^5\text{-C}_5\text{H}_5)\text{Mo}(\text{CO})_3(\text{CH}_2\text{R})]$. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 179-183.	1.8	13
64	Desulfurization of model diesel by extraction/oxidation using a zinc-substituted polyoxometalate as catalyst under homogeneous and heterogeneous (MIL-101(Cr) encapsulated) conditions. <i>Fuel Processing Technology</i> , 2015, 131, 78-86.	7.2	125
65	Crystal structure and temperature-dependent luminescence of a heterotetranuclear sodium-europium(III) β -diketonate complex. <i>Dalton Transactions</i> , 2015, 44, 488-492.	3.3	36
66	Incorporation of a dioxomolybdenum(VI) complex in a ZrIV-based Metal-Organic Framework and its application in catalytic olefin epoxidation. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 106-114.	4.4	38
67	Use of Organomolybdenum Compounds for Promoted Hydrolysis of Phosphoester Bonds in Aqueous Media. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3681-3689.	2.0	6
68	Synthesis, Characterisation and Antiproliferative Studies of Allyl(dicarbonyl)(cyclopentadienyl)molybdenum Complexes and Cyclodextrin Inclusion Compounds. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5034-5045.	2.0	10
69	Promotion of phosphoester hydrolysis by $\text{MoO}_2\text{Cl}_2\text{L}$ (L = β -bipyridine derivatives, H ₂ O, no ligand), $\text{MoO}_2(\text{CH}_3)_2\text{L}$ (L = β -bipyridine derivatives) and related inorganic-organic hybrids in aqueous media. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 42-47.	1.8	5
70	Post-synthetic modification of crystal-like periodic mesoporous phenylene-silica with ferrocenyl groups. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 501-507.	1.8	11
71	Sulfonated Graphene Oxide as Effective Catalyst for Conversion of 5-(Hydroxymethyl)furfural into Biofuels. <i>ChemSusChem</i> , 2014, 7, 804-812.	6.8	90
72	Crystal Structure and Spectroscopic Studies of a Dimeric Europium(III) β -Diketonate Complex Containing [3-(2-Pyridyl)-1-pyrazolyl]acetate. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1284-1288.	2.0	6

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73	Catalytic olefin epoxidation with a carboxylic acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 205-211.	1.8	13
74	Investigation of a dichlorodioxomolybdenum(vi)-pyrazolylpyridine complex and a hybrid derivative as catalysts in olefin epoxidation. <i>Dalton Transactions</i> , 2014, 43, 6059.	3.3	34
75	Solid acids with SO ₃ H groups and tunable surface properties: versatile catalysts for biomass conversion. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11813-11824.	10.3	98
76	Mesoporous zirconia-based mixed oxides as versatile acid catalysts for producing bio-additives from furfuryl alcohol and glycerol. <i>Applied Catalysis A: General</i> , 2014, 487, 148-157.	4.3	31
77	Synthesis, Structural Elucidation, and Catalytic Properties in Olefin Epoxidation of the Polymeric Hybrid Material [Mo ₃ O ₉ (2-[3(5)-Pyrazolyl]pyridine)] _n . <i>Inorganic Chemistry</i> , 2014, 53, 2652-2665.	4.0	38
78	Mesoporous carbon-silica solid acid catalysts for producing useful bio-products within the sugar-platform of biorefineries. <i>Green Chemistry</i> , 2014, 16, 4292-4305.	9.0	62
79	Application of an indenyl molybdenum dicarbonyl complex in the isomerisation of α -pinene oxide to campholenic aldehyde. <i>New Journal of Chemistry</i> , 2014, 38, 3172.	2.8	10
80	Isomerization of α -pinene oxide in the presence of methyltrioxorhenium(VII). <i>Catalysis Communications</i> , 2013, 35, 40-44.	3.3	12
81	Preparation of crystal-like periodic mesoporous phenylene-silica derivatized with ferrocene and its use as a catalyst for the oxidation of styrene. <i>Dalton Transactions</i> , 2013, 42, 14612.	3.3	6
82	Conversion of furfuryl alcohol to ethyl levulinate using porous aluminosilicate acid catalysts. <i>Catalysis Today</i> , 2013, 218-219, 76-84.	4.4	111
83	Hydrothermal Synthesis, Crystal Structure, and Catalytic Potential of a One-Dimensional Molybdenum Oxide/Bipyridinedicarboxylate Hybrid. <i>Inorganic Chemistry</i> , 2013, 52, 4618-4628.	4.0	40
84	Production of biomass-derived furanic ethers and levulinate esters using heterogeneous acid catalysts. <i>Green Chemistry</i> , 2013, 15, 3367.	9.0	89
85	Catalytic oxidative desulfurization systems based on Keggin phosphotungstate and metal-organic framework MIL-101. <i>Fuel Processing Technology</i> , 2013, 116, 350-357.	7.2	154
86	Synthesis and characterization of CpMo(CO) ₃ (CH ₂ -pC ₆ H ₄ -CO ₂ CH ₃) and its inclusion compounds with methylated cyclodextrins. Applications in olefin epoxidation catalysis. <i>Journal of Organometallic Chemistry</i> , 2013, 730, 116-122.	1.8	8
87	Bis(pyrazolyl)methanetetra-carbonyl-molybdenum(0) as precursor to a molybdenum(VI) catalyst for olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2013, 723, 56-64.	1.8	23
88	Aqueous phase reactions of pentoses in the presence of nanocrystalline zeolite beta: Identification of by-products and kinetic modelling. <i>Chemical Engineering Journal</i> , 2013, 215-216, 772-783.	12.7	36
89	Intercalation of a molybdenum(0)-tetra-carbonyl-bipyridine complex in a layered double hydroxide. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 53-59.	1.8	10
90	Intercalation of a molybdenum η -allyl dicarbonyl complex in a layered double hydroxide and catalytic performance in olefinepoxidation. <i>Dalton Transactions</i> , 2013, 42, 8231-8240.	3.3	21

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91	Tris(pyrazolyl)methane molybdenum tricarbonyl complexes as catalyst precursors for olefin epoxidation. <i>Journal of Molecular Catalysis A</i> , 2013, 370, 64-74.	4.8	22
92	A dinuclear oxo-bridged molybdenum(VI) complex containing a bidentate pyrazolylpyridine ligand: Structure, characterization and catalytic performance for olefin epoxidation. <i>Inorganic Chemistry Communication</i> , 2013, 32, 59-63.	3.9	14
93	Microwave-assisted coating of carbon nanostructures with titanium dioxide for the catalytic dehydration of d-xylose into furfural. <i>RSC Advances</i> , 2013, 3, 2595.	3.6	45
94	Use of MoO ₂ Cl ₂ (DMF) ₂ as a precursor for molybdate promoted hydrolysis of phosphoester bonds. <i>Dalton Transactions</i> , 2013, 42, 3901.	3.3	11
95	Molybdenum(vi) catalysts obtained from η^3 -allyl dicarbonyl precursors: Synthesis, characterization and catalytic performance in cyclooctene epoxidation. <i>Dalton Transactions</i> , 2012, 41, 3474.	3.3	45
96	Molybdenum(II) Diiodo-Tricarbonyl Complexes Containing Nitrogen Donor Ligands as Catalyst Precursors for the Epoxidation of Methyl Oleate. <i>Catalysis Letters</i> , 2012, 142, 1218-1224.	2.6	27
97	Catalytic dehydration of d-xylose to 2-furfuraldehyde in the presence of Zr-(W,Al) mixed oxides. Tracing by-products using two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Catalysis Today</i> , 2012, 195, 127-135.	4.4	36
98	Coupling of Nanoporous Chromium, Aluminium-Containing Silicates with an Ionic Liquid for the Transformation of Glucose into 5-(Hydroxymethyl)-2-furaldehyde. <i>Molecules</i> , 2012, 17, 3690-3707.	3.8	7
99	A novel dinuclear Mo ^{>VI</sup> complex with tris(3,5-dimethyl-1<i>H</i>-pyrazol-1-yl)methane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i>, 2012, 68, m73-m75.</i>}	0.4	1
100	An Octanuclear Molybdenum(VI) Complex Containing Coordinatively Bound 4,4'-di- <i>tert</i> -Butyl-2,2'-Bipyridine, [Mo ₈ O ₂₂ (OH) ₄ (di- <i>t</i> Bu-bipy) ₄]: Synthesis, Structure, and Catalytic Epoxidation of Bio-Derived Olefins. <i>Inorganic Chemistry</i> , 2012, 51, 3666-3676.	4.0	44
101	Synthesis, Structural Elucidation, and Application of a Pyrazolylpyridine-Molybdenum Oxide Composite as a Heterogeneous Catalyst for Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2012, 51, 8629-8635.	4.0	32
102	Isomerisation of η^3 -pinene oxide in the presence of indenyl allyl dicarbonyl molybdenum(II) and tungsten(II) complexes. <i>Catalysis Communications</i> , 2012, 23, 58-61.	3.3	15
103	Epoxidation of olefins using a dichlorodioxomolybdenum(VI)-pyridylimine complex as catalyst. <i>Inorganica Chimica Acta</i> , 2012, 387, 234-239.	2.4	20
104	Aqueous-phase dehydration of xylose to furfural in the presence of MCM-22 and ITQ-2 solid acid catalysts. <i>Applied Catalysis A: General</i> , 2012, 417-418, 243-252.	4.3	92
105	A dinuclear oxomolybdenum(VI) complex, [Mo ₂ O ₆ (4,4'-di- <i>tert</i> -butyl-2,2'-bipyridine) ₂], displaying the {MoO ₂ (η^3 -O) ₂ MoO ₂ } ₀ core, and its use as a catalyst in olefin epoxidation. <i>Inorganic Chemistry Communication</i> , 2012, 20, 147-152.	3.9	25
106	Epoxidation of DL-limonene using an indenyl molybdenum(II) tricarbonyl complex as catalyst precursor. <i>Catalysis Communications</i> , 2011, 15, 64-67.	3.3	16
107	Chemistry and Catalytic Activity of Molybdenum(VI)-Pyrazolylpyridine Complexes in Olefin Epoxidation. Crystal Structures of Monomeric Dioxo, Dioxo- η^3 -oxo, and Oxodiperoxo Derivatives. <i>Inorganic Chemistry</i> , 2011, 50, 525-538.	4.0	50
108	Synthesis and Catalytic Properties of Molybdenum(VI) Complexes with Tris(3,5-dimethyl-1-pyrazolyl)methane. <i>Inorganic Chemistry</i> , 2011, 50, 3490-3500.	4.0	44

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109	Epoxidation of cyclooctene using soluble or MCM-41-supported molybdenum tetracarbonyl-pyridylimine complexes as catalyst precursors. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3543-3550.	1.8	31
110	Molybdenum oxide/bipyridine hybrid material {[MoO ₃ (bipy)][MoO ₃ (H ₂ O)]} _n as catalyst for the oxidation of secondary amines to nitrones. <i>Tetrahedron Letters</i> , 2011, 52, 7079-7082.	1.4	29
111	Ionic Liquids as Tools for the Acid-Catalyzed Hydrolysis/Dehydration of Saccharides to Furanic Aldehydes. <i>ChemCatChem</i> , 2011, 3, 1686-1706.	3.7	60
112	Oxidation of Ethylbenzene in the Presence of an MCM-41-Supported or Ionic Liquid-Standing Bischlorocopper(II) Complex. <i>Catalysis Letters</i> , 2011, 141, 1009-1017.	2.6	12
113	Structural Studies and Cytotoxicity of Trimethyl(ferrocenylmethyl)ammonium Iodide Encapsulated in β -Cyclodextrin. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4955-4963.	2.0	8
114	Heterogeneous oxidation catalysts formed in situ from molybdenum tetracarbonyl complexes and tert-butyl hydroperoxide. <i>Applied Catalysis A: General</i> , 2011, 395, 71-77.	4.3	34
115	Investigation of Molybdenum Tetracarbonyl Complexes As Precursors to Mo ^{VI} Catalysts for the Epoxidation of Olefins. <i>Organometallics</i> , 2010, 29, 883-892.	2.3	57
116	Synthesis and characterisation of mesoporous silica phases containing heteroatoms, and their cation exchange properties. Part 4. Measurement of distribution coefficients for 241-Am, 51-Cr, 59-Fe, 54-Mn, 63-Ni, 236-Pu and 65-Zn. <i>Microporous and Mesoporous Materials</i> , 2010, 130, 63-66.	4.4	3
117	Dehydration of Xylose into Furfural in the Presence of Crystalline Microporous Silicoaluminophosphates. <i>Catalysis Letters</i> , 2010, 135, 41-47.	2.6	104
118	Grafting of Molecularly Ordered Mesoporous Phenylene-Silica with Molybdenum Carbonyl Complexes: Efficient Heterogeneous Catalysts for the Epoxidation of Olefins. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1759-1769.	4.3	28
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