

# Martyn Pillinger

## List of Publications by Year in descending order

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247  
papers

9,382  
citations

29994

54  
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81  
g-index

255  
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255  
docs citations

255  
times ranked

6839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dehydration of xylose into furfural over micro-mesoporous sulfonic acid catalysts. <i>Journal of Catalysis</i> , 2005, 229, 414-423.	3.1	318
2	Octahedral Bipyridine and Bipyrimidine Dioxomolybdenum(VI) Complexes: Characterization, Application in Catalytic Epoxidation, and Density Functional Mechanistic Study. <i>Chemistry - A European Journal</i> , 2002, 8, 2370.	1.7	232
3	Conversion of mono/di/polysaccharides into furan compounds using 1-alkyl-3-methylimidazolium ionic liquids. <i>Applied Catalysis A: General</i> , 2009, 363, 93-99.	2.2	219
4	Exfoliated titanate, niobate and titanoniobate nanosheets as solid acid catalysts for the liquid-phase dehydration of d-xylose into furfural. <i>Journal of Catalysis</i> , 2006, 244, 230-237.	3.1	187
5	Highly Luminescent Tris( $\beta^2$ -diketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005, 17, 5077-5084.	3.2	172
6	MCM-41 functionalized with bipyridyl groups and its use as a support for oxomolybdenum(vi) catalysts. <i>Journal of Materials Chemistry</i> , 2002, 12, 1735-1742.	6.7	163
7	Catalytic oxidative desulfurization systems based on Keggin phosphotungstate and metal-organic framework MIL-101. <i>Fuel Processing Technology</i> , 2013, 116, 350-357.	3.7	154
8	Dehydration of d-xylose into furfural catalysed by solid acids derived from the layered zeolite Nu-6(1). <i>Catalysis Communications</i> , 2008, 9, 2144-2148.	1.6	150
9	Acidic cesium salts of 12-tungstophosphoric acid as catalysts for the dehydration of xylose into furfural. <i>Carbohydrate Research</i> , 2006, 341, 2946-2953.	1.1	136
10	Mesoporous silica-supported 12-tungstophosphoric acid catalysts for the liquid phase dehydration of d-xylose. <i>Microporous and Mesoporous Materials</i> , 2006, 94, 214-225.	2.2	129
11	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.	3.7	125
12	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.	3.1	124
13	Catalytic cyclodehydration of xylose to furfural in the presence of zeolite H-Beta and a micro/mesoporous Beta/TUD-1 composite material. <i>Applied Catalysis A: General</i> , 2010, 388, 141-148.	2.2	122
14	Modified versions of sulfated zirconia as catalysts for the conversion of xylose to furfural. <i>Catalysis Letters</i> , 2007, 114, 151-160.	1.4	114
15	Conversion of furfuryl alcohol to ethyl levulinate using porous aluminosilicate acid catalysts. <i>Catalysis Today</i> , 2013, 218-219, 76-84.	2.2	111
16	Sorption Behavior of Radionuclides on Crystalline Synthetic Tunnel Manganese Oxides. <i>Chemistry of Materials</i> , 2000, 12, 3798-3804.	3.2	109
17	Liquid phase dehydration of d-xylose in the presence of Keggin-type heteropolyacids. <i>Applied Catalysis A: General</i> , 2005, 285, 126-131.	2.2	107
18	Dehydration of Xylose into Furfural in the Presence of Crystalline Microporous Silicoaluminophosphates. <i>Catalysis Letters</i> , 2010, 135, 41-47.	1.4	104

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19	Deep oxidative desulfurization of diesel fuels using homogeneous and SBA-15-supported peroxophosphotungstate catalysts. <i>Fuel</i> , 2019, 241, 616-624.	3.4	100
20	Isomerization of d-glucose to d-fructose over metallosilicate solid bases. <i>Applied Catalysis A: General</i> , 2008, 339, 21-27.	2.2	99
21	Solid acids with SO <sub>3</sub> H groups and tunable surface properties: versatile catalysts for biomass conversion. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11813-11824.	5.2	98
22	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.	10.8	93
23	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.	2.2	92
24	Multi-functional rare-earth hybrid layered networks: photoluminescence and catalysis studies. <i>Journal of Materials Chemistry</i> , 2009, 19, 2618.	6.7	90
25	Sulfonated Graphene Oxide as Effective Catalyst for Conversion of 5-(Hydroxymethyl)furfural into Biofuels. <i>ChemSusChem</i> , 2014, 7, 804-812.	3.6	90
26	Immobilization of Lanthanide Ions in a Pillared Layered Double Hydroxide. <i>Chemistry of Materials</i> , 2005, 17, 5803-5809.	3.2	89
27	Production of biomass-derived furanic ethers and levulinic esters using heterogeneous acid catalysts. <i>Green Chemistry</i> , 2013, 15, 3367.	4.6	89
28	Structural and Photoluminescence Studies of a Europium(III) Tetrakis(β-diketonate) Complex with Tetrabutylammonium, Imidazolium, Pyridinium and Silica-Supported Imidazolium Counterions. <i>Inorganic Chemistry</i> , 2009, 48, 4882-4895.	1.9	86
29	Liquid-phase Dehydration of d-xylose over Microporous and Mesoporous Niobium Silicates. <i>Catalysis Letters</i> , 2006, 108, 179-186.	1.4	85
30	Sorption characteristics of radionuclides on synthetic birnessite-type layered manganese oxides. <i>Journal of Materials Chemistry</i> , 2000, 10, 1867-1874.	6.7	82
31	Investigation of europium(III) and gadolinium(III) complexes with naphthoyltrifluoroacetone and bidentate heterocyclic amines. <i>Journal of Luminescence</i> , 2005, 113, 50-63.	1.5	78
32	Acid-Catalysed Conversion of Saccharides into Furanic Aldehydes in the Presence of Three-Dimensional Mesoporous Al-TUD-1. <i>Molecules</i> , 2010, 15, 3863-3877.	1.7	77
33	Immobilization of Oxomolybdenum Species in a Layered Double Hydroxide Pillared by 2,2'-Bipyridine-5,5'-dicarboxylate Anions. <i>Inorganic Chemistry</i> , 2004, 43, 5422-5431.	1.9	74
34	Kinetics of Cyclooctene Epoxidation with tert-Butyl Hydroperoxide in the Presence of [MoO <sub>2</sub> X <sub>2</sub> L]-Type Catalysts (L = Bidentate Lewis Base). <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1716-1723.	1.0	73
35	Catalytic olefin epoxidation with cyclopentadienylmolybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , 2005, 46, 47-52.	0.7	71
36	Dioxomolybdenum(VI) modified mesoporous materials for the catalytic epoxidation of olefins. <i>Catalysis Today</i> , 2006, 114, 263-271.	2.2	71

#	ARTICLE	IF	CITATIONS
37	Preparation and photophysical characterisation of Zn-Al layered double hydroxides intercalated by anionic pyrene derivatives. <i>Journal of Materials Chemistry</i> , 2008, 18, 894.	6.7	70
38	Chiral bis(oxazoline) and pyridyl alcoholate dioxo-molybdenum(VI) complexes: synthesis, characterization and catalytic examinations. <i>Journal of Organometallic Chemistry</i> , 2001, 621, 207-217.	0.8	68
39	Dichloro and dimethyl dioxomolybdenum(vi)-diazabutadiene complexes as catalysts for the epoxidation of olefins. <i>New Journal of Chemistry</i> , 2004, 28, 308-313.	1.4	68
40	Chiral dioxomolybdenum(VI) complexes for enantioselective alkene epoxidation. <i>Journal of Organometallic Chemistry</i> , 2001, 626, 1-10.	0.8	65
41	Synthesis, Characterization, and Luminescence of $\beta$ -Cyclodextrin Inclusion Compounds Containing Europium(III) and Gadolinium(III) Tris( $\beta$ -diketonates). <i>Journal of Physical Chemistry B</i> , 2002, 106, 11430-11437.	1.2	65
42	Molecular Structure-Activity Relationships for the Oxidation of Organic Compounds Using Mesoporous Silica Catalysts Derivatized with Bis(halogeno)dioxomolybdenum(VI) Complexes. <i>Chemistry - A European Journal</i> , 2003, 9, 4380-4390.	1.7	65
43	Uptake of $^{85}\text{Sr}$ , $^{134}\text{Cs}$ and $^{57}\text{Co}$ by antimony silicates doped with $\text{Ti}^{4+}$ , $\text{Nb}^{5+}$ , $\text{Mo}^{6+}$ and $\text{W}^{6+}$ . <i>Journal of Materials Chemistry</i> , 2001, 11, 1526-1532.	6.7	62
44	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.	4.6	62
45	Desulfurization of liquid fuels by extraction and sulfoxidation using $\text{H}_2\text{O}_2$ and $[\text{CpMo}(\text{CO})_3\text{R}]$ as catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 177-183.	10.8	62
46	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2004, 218, 5-11.	4.8	61
47	Ionic Liquids as Tools for the Acid-Catalyzed Hydrolysis/Dehydration of Saccharides to Furanic Aldehydes. <i>ChemCatChem</i> , 2011, 3, 1686-1706.	1.8	60
48	Mesoporous Silicas Modified with Dioxomolybdenum(VI) Complexes: Synthesis and Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2263-2270.	1.0	59
49	Synthesis and catalytic properties in olefin epoxidation of dioxomolybdenum(vi) complexes bearing a bidentate or tetradentate salen-type ligand. <i>Journal of Molecular Catalysis A</i> , 2007, 270, 185-194.	4.8	58
50	Investigation of Molybdenum Tetracarbonyl Complexes As Precursors to $\text{Mo}^{\text{VI}}$ Catalysts for the Epoxidation of Olefins. <i>Organometallics</i> , 2010, 29, 883-892.	1.1	57
51	Synthesis, Structure, and Catalytic Performance in Cyclooctene Epoxidation of a Molybdenum Oxide/Bipyridine Hybrid Material: $\{[\text{MoO}_3(\text{bipy})][\text{MoO}_3(\text{H}_2\text{O})]\}_x$ . <i>Inorganic Chemistry</i> , 2010, 49, 6865-6873.	1.9	57
52	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 726-734.	1.0	56
53	Spectroscopic Studies of Europium(III) and Gadolinium(III) Tris- $\beta$ -diketonate Complexes with Diazabutadiene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3913-3919.	1.0	55
54	Ion exchange of caesium and strontium on a titanosilicate analogue of the mineral pharmacosiderite. <i>Journal of Materials Chemistry</i> , 1999, 9, 2481-2487.	6.7	54

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55	Studies on olefin epoxidation with t-BuOOH catalysed by dioxomolybdenum(VI) complexes of a novel chiral pyridyl alcoholate ligand. <i>New Journal of Chemistry</i> , 2001, 25, 959-963.	1.4	54
56	New chloro and triphenylsiloxy derivatives of dioxomolybdenum(VI) chelated with pyrazolylpyridine ligands: Catalytic applications in olefin epoxidation. <i>Journal of Molecular Catalysis A</i> , 2007, 261, 79-87.	4.8	52
57	Chemistry and Catalytic Activity of Molybdenum(VI)-Pyrazolylpyridine Complexes in Olefin Epoxidation. Crystal Structures of Monomeric Dioxo, Dioxo-1/4-oxo, and Oxodiperoxo Derivatives. <i>Inorganic Chemistry</i> , 2011, 50, 525-538.	1.9	50
58	Synthesis and Characterization of Methyltrioxorhenium(VII) Immobilized in Bipyridyl-Functionalized Mesoporous Silica. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1100-1107.	1.0	48
59	CpMo(CO)3Cl as a precatalyst for the epoxidation of olefins. <i>Catalysis Letters</i> , 2005, 101, 127-130.	1.4	48
60	Dioxomolybdenum(VI)-Modified Mesoporous MCM-41 and MCM-48 Materials for the Catalytic Epoxidation of Olefins. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3870-3877.	1.0	47
61	Amino acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex and its use in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1826-1833.	0.8	47
62	Organotin(IV)-Oxometalate Coordination Polymers as Catalysts for the Epoxidation of Olefins. <i>Journal of Catalysis</i> , 2002, 209, 237-244.	3.1	46
63	A Highly Efficient Dioxo(1/4-oxo)molybdenum(VI) Dimer Catalyst for Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2007, 46, 8508-8510.	1.9	46
64	Zinc(II)-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.	1.0	46
65	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005, 236, 1-6.	4.8	45
66	Molybdenum(vi) catalysts obtained from 1-3-allyl dicarbonyl precursors: Synthesis, characterization and catalytic performance in cyclooctene epoxidation. <i>Dalton Transactions</i> , 2012, 41, 3474.	1.6	45
67	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.	1.7	45
68	Structural studies of polyoxometalate-anion-pillared layered double hydroxides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2963.	1.1	44
69	Catalytic Epoxidation and Sulfoxidation Activity of a Dioxomolybdenum(VI) Complex Bearing a Chiral Tetradentate Oxazoline Ligand. <i>Catalysis Letters</i> , 2009, 132, 94-103.	1.4	44
70	Synthesis and Catalytic Properties of Molybdenum(VI) Complexes with Tris(3,5-dimethyl-1-pyrazolyl)methane. <i>Inorganic Chemistry</i> , 2011, 50, 3490-3500.	1.9	44
71	An Octanuclear Molybdenum(VI) Complex Containing Coordinatively Bound 4,4'-di-tert-Butyl-2,2'-Bipyridine, [Mo8O22(OH)4(di-tBu-bipy)4]: Synthesis, Structure, and Catalytic Epoxidation of Bio-Derived Olefins. <i>Inorganic Chemistry</i> , 2012, 51, 3666-3676.	1.9	44
72	Preparation and catalytic properties of a new dioxomolybdenum(VI) complex covalently anchored to mesoporous MCM-48. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1228-1233.	1.8	43

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73	Incorporation of a (Cyclopentadienyl)molybdenum Oxo Complex in MCM-41 and Its Use as a Catalyst for Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4914-4920.	1.0	42
74	Comparison of liquid-phase olefin epoxidation catalysed by dichlorobis-(dimethylformamide)dioxomolybdenum(VI) in homogeneous phase and grafted onto MCM-41. <i>Journal of Molecular Catalysis A</i> , 2009, 297, 110-117.	4.8	42
75	Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005, 227, 67-73.	4.8	41
76	Synthesis, characterization and antitumor activity of 1,2-disubstituted ferrocenes and cyclodextrin inclusion complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 675-684.	0.8	40
77	Hydrothermal Synthesis, Crystal Structure, and Catalytic Potential of a One-Dimensional Molybdenum Oxide/Bipyridinedicarboxylate Hybrid. <i>Inorganic Chemistry</i> , 2013, 52, 4618-4628.	1.9	40
78	Synthesis, characterisation and luminescence properties of MCM-41 impregnated with an Eu <sup>3+</sup> $\beta$ -diketonate complex. <i>Microporous and Mesoporous Materials</i> , 2008, 113, 453-462.	2.2	39
79	Synthesis and Catalytic Properties in Olefin Epoxidation of Octahedral Dichloridodioxomolybdenum(VI) Complexes Bearing <i>N,N</i> -Dialkylamide Ligands: Crystal Structure of [Mo <sub>2</sub> O <sub>4</sub> ( $\eta^4$ -Cl) <sub>2</sub> (dmf) <sub>4</sub> ]. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4528-4537.	1.0	39
80	Mesoporous nanosilica-supported polyoxomolybdate as catalysts for sustainable desulfurization. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 163-171.	2.2	39
81	Experimental and theoretical study of the interaction of molybdenocene dichloride (Cp <sub>2</sub> MoCl <sub>2</sub> ) with $\beta$ -cyclodextrin. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 11-16.	0.8	38
82	Synthesis, Structural Elucidation, and Catalytic Properties in Olefin Epoxidation of the Polymeric Hybrid Material [Mo <sub>3</sub> O <sub>9</sub> (2-[3(5)-Pyrazolyl]pyridine)] <sub>n</sub> . <i>Inorganic Chemistry</i> , 2014, 53, 2652-2665.	1.9	38
83	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.	2.2	38
84	Encapsulation of half-sandwich complexes of molybdenum with $\beta$ -cyclodextrin. <i>Dalton Transactions RSC</i> , 2000, , 2964-2968.	2.3	37
85	Cyclopentadienyl molybdenum dicarbonyl $\eta^3$ -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of Cp <sup>*</sup> Mo(CO) <sub>2</sub> ( $\eta^3$ -C <sub>3</sub> H <sub>5</sub> ) (Cp <sup>*</sup> = $\eta^5$ -C <sub>5</sub> H <sub>4</sub> Me, $\eta^5$ -C <sub>5</sub> Me <sub>5</sub> ). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2311-2319.	0.8	36
86	Microwave-assisted molybdenum-catalysed epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2010, 320, 19-26.	4.8	36
87	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.	2.2	36
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.	6.6	36
89	Promotion of phosphoester hydrolysis by the ZrIV-based metal-organic framework UiO-67. <i>Microporous and Mesoporous Materials</i> , 2015, 208, 21-29.	2.2	36
90	Crystal structure and temperature-dependent luminescence of a heterotetranuclear sodium-europium( $\beta$ -diketonate) complex. <i>Dalton Transactions</i> , 2015, 44, 488-492.	1.6	36

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91	Interactions of Cationic and Neutral Molybdenum Complexes with $\beta$ -Cyclodextrin Host Molecules. <i>Organometallics</i> , 2001, 20, 2191-2197.	1.1	35
92	Heterogeneous oxidation catalysts formed in situ from molybdenum tetracarbonyl complexes and tert-butyl hydroperoxide. <i>Applied Catalysis A: General</i> , 2011, 395, 71-77.	2.2	34
93	Investigation of a dichlorodioxomolybdenum(vi)-pyrazolylpyridine complex and a hybrid derivative as catalysts in olefin epoxidation. <i>Dalton Transactions</i> , 2014, 43, 6059.	1.6	34
94	A recyclable ionic liquid-oxomolybdenum( $\nu$ ) catalytic system for the oxidative desulfurization of model and real diesel fuel. <i>Dalton Transactions</i> , 2016, 45, 15242-15248.	1.6	34
95	$\beta$ -Cyclodextrin and permethylated $\beta$ -cyclodextrin inclusion compounds of a cyclopentadienyl molybdenum tricarbonyl complex and their use as cyclooctene epoxidation catalyst precursors. <i>Inorganica Chimica Acta</i> , 2006, 359, 4757-4764.	1.2	33
96	Catalytic olefin epoxidation with cationic molybdenum(VI) cis-dioxo complexes and ionic liquids. <i>Applied Catalysis A: General</i> , 2010, 372, 67-72.	2.2	33
97	A Combined Theoretical $\sim$ Experimental Study of the Inclusion of Niobocene Dichloride in Native and Permethylated $\beta$ -Cyclodextrins. <i>Organometallics</i> , 2007, 26, 4220-4228.	1.1	32
98	Effect of an Ionic Liquid on the Catalytic Performance of Thiocyanatodioxomolybdenum(VI) Complexes for the Oxidation of Cyclooctene and Benzyl Alcohol. <i>Catalysis Letters</i> , 2009, 129, 350-357.	1.4	32
99	Picosecond Dynamics of Dimer Formation in a Pyrene Labeled Polymer. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12439-12447.	1.2	32
100	Synthesis, Structural Elucidation, and Application of a Pyrazolylpyridine $\sim$ Molybdenum Oxide Composite as a Heterogeneous Catalyst for Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2012, 51, 8629-8635.	1.9	32
101	Synthesis and characterization of the inclusion compound of a methyltrioxorhenium(VII) adduct of 4-ferrocenylpyridine with $\beta$ -cyclodextrin. <i>Journal of Organometallic Chemistry</i> , 2002, 656, 281-287.	0.8	31
102	Epoxidation of cyclooctene using soluble or MCM-41-supported molybdenum tetracarbonyl $\sim$ pyridylimine complexes as catalyst precursors. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3543-3550.	0.8	31
103	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.	2.2	31
104	Synthesis and Properties of Zn $\sim$ Al Layered Double Hydroxides Containing Ferrocenecarboxylate Anions. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1389-1395.	1.0	30
105	Liquid-phase oxidation catalysed by copper(II) immobilised in a pillared layered double hydroxide. <i>Journal of Molecular Catalysis A</i> , 2009, 312, 23-30.	4.8	30
106	Immobilisation of rhodium acetonitrile complexes in ordered mesoporous silica. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 3098-3105.	1.3	29
107	Inclusion of molybdenocene dichloride (Cp <sub>2</sub> MoCl <sub>2</sub> ) in 2-hydroxypropyl- and trimethyl- $\beta$ -cyclodextrin: Structural and biological properties. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2905-2912.	0.8	29
108	Synthesis and characterization of the inclusion compound of a ferrocenyldiimine dioxomolybdenum complex with heptakis-2,3,6-tri-O-methyl- $\beta$ -cyclodextrin. <i>Inorganica Chimica Acta</i> , 2005, 358, 981-988.	1.2	29

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109	Molybdenum oxide/bipyridine hybrid material {[MoO <sub>3</sub> (bipy)] [MoO <sub>3</sub> (H <sub>2</sub> O)]} <sub>n</sub> as catalyst for the oxidation of secondary amines to nitrones. <i>Tetrahedron Letters</i> , 2011, 52, 7079-7082.	0.7	29
110	Efficient Oxidative Desulfurization Processes Using Polyoxomolybdate Based Catalysts. <i>Energies</i> , 2018, 11, 1696.	1.6	29
111	Synthesis and catalytic properties in olefin epoxidation of chiral oxazoline dioxomolybdenum(VI) complexes. <i>Journal of Molecular Catalysis A</i> , 2006, 260, 11-18.	4.8	28
112	Metatungstate and tungstoniobate-containing LDHs: Preparation, characterisation and activity in epoxidation of cyclooctene. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1872-1880.	1.9	28
113	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.	2.1	28
114	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.	1.4	27
115	β <sup>2</sup> -Cyclodextrin inclusion of europium(III) tris(β <sup>2</sup> -diketonate)-bipyridine. <i>Polyhedron</i> , 2006, 25, 1471-1476.	1.0	26
116	Structural Studies of β <sup>2</sup> -Cyclodextrin and Permethylylated β <sup>2</sup> -Cyclodextrin Inclusion Compounds of Cyclopentadienyl Metal Carbonyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1662-1669.	1.0	26
117	Lewis base adducts of halogenorhenium(VII) oxides: 17O NMR spectroscopy, structural aspects and catalysis. <i>Inorganica Chimica Acta</i> , 1998, 279, 44-50.	1.2	25
118	Modification of β <sup>2</sup> -Cyclodextrin with Ferrocenyl Groups by Ring Opening of an Encapsulated [1]Ferrocenophane. <i>Organometallics</i> , 2000, 19, 1455-1457.	1.1	25
119	Synthesis and characterization of a manganese(II) acetonitrile complex supported on functionalized MCM-41. <i>Microporous and Mesoporous Materials</i> , 2004, 76, 131-136.	2.2	25
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234	Redetermination of dipotassium $\beta^4$ -oxo-bis[aqua(oxalato- $\beta^2\text{O}$ , $\text{O}^2$ )]dioxomolybdate(VI)] at 150 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m376-m378.	0.2	3

#	ARTICLE	IF	CITATIONS
235	Characterization of a chiral menthyl dimethyltin molybdate and its use as an olefin epoxidation catalyst. <i>Catalysis Letters</i> , 2007, 114, 103-109.	1.4	3
236	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.	2.2	3
237	Synthesis and characterisation of mesoporous silica phases containing heteroatoms, and their cation exchange properties. Part 5: Cation exchange isotherms, and the measurement of radioisotope distribution coefficients, for an MCM-22 phase containing aluminium. <i>Microporous and Mesoporous Materials</i> , 2010, 135, 21-29.	2.2	3
238	An Organotin Vanadate with Sodalite Topology and Catalytic Versatility in Oxidative Transformations. <i>ChemCatChem</i> , 2018, 10, 3481-3489.	1.8	3
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240	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.	0.8	3
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