

Martyn Pillinger

List of Publications by Year in descending order

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9,382
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30070

54
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60623

81
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255
all docs

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.	6.2	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.	3.3	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.	4.3	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.	6.2	187
5	Highly Luminescent Tris(β -diketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005, 17, 5077-5084.	6.7	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.	7.2	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.	3.3	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.	2.3	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.	4.4	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.	7.2	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.	6.2	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.	4.3	122
14	Modified versions of sulfated zirconia as catalysts for the conversion of xylose to furfural. <i>Catalysis Letters</i> , 2007, 114, 151-160.	2.6	114
15	Conversion of furfuryl alcohol to ethyl levulinate using porous aluminosilicate acid catalysts. <i>Catalysis Today</i> , 2013, 218-219, 76-84.	4.4	111
16	Sorption Behavior of Radionuclides on Crystalline Synthetic Tunnel Manganese Oxides. <i>Chemistry of Materials</i> , 2000, 12, 3798-3804.	6.7	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.	4.3	107
18	Dehydration of Xylose into Furfural in the Presence of Crystalline Microporous Silicoaluminophosphates. <i>Catalysis Letters</i> , 2010, 135, 41-47.	2.6	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.	6.4	100
20	Isomerization of d-glucose to d-fructose over metallosilicate solid bases. <i>Applied Catalysis A: General</i> , 2008, 339, 21-27.	4.3	99
21	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
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.	20.2	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.	4.3	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.	6.8	90
26	Immobilization of Lanthanide Ions in a Pillared Layered Double Hydroxide. <i>Chemistry of Materials</i> , 2005, 17, 5803-5809.	6.7	89
27	Production of biomass-derived furanic ethers and levulinate esters using heterogeneous acid catalysts. <i>Green Chemistry</i> , 2013, 15, 3367.	9.0	89
28	Structural and Photoluminescence Studies of a Europium(III) Tetrakis(β ² -diketonate) Complex with Tetrabutylammonium, Imidazolium, Pyridinium and Silica-Supported Imidazolium Counterions. <i>Inorganic Chemistry</i> , 2009, 48, 4882-4895.	4.0	86
29	Liquid-phase Dehydration of d-xylose over Microporous and Mesoporous Niobium Silicates. <i>Catalysis Letters</i> , 2006, 108, 179-186.	2.6	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.	3.1	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.	3.8	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.	4.0	74
34	Kinetics of Cyclooctene Epoxidation with tert-Butyl Hydroperoxide in the Presence of [MoO ₂ X ₂ L]-Type Catalysts (L = Bidentate Lewis Base). <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1716-1723.	2.0	73
35	Catalytic olefin epoxidation with cyclopentadienyl molybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , 2005, 46, 47-52.	1.4	71
36	Dioxomolybdenum(VI) modified mesoporous materials for the catalytic epoxidation of olefins. <i>Catalysis Today</i> , 2006, 114, 263-271.	4.4	71

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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.	1.8	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.	2.8	68
40	Chiral dioxomolybdenum(VI) complexes for enantioselective alkene epoxidation. <i>Journal of Organometallic Chemistry</i> , 2001, 626, 1-10.	1.8	65
41	Synthesis, Characterization, and Luminescence of β -Cyclodextrin Inclusion Compounds Containing Europium(III) and Gadolinium(III) Tris(β -diketonates). <i>Journal of Physical Chemistry B</i> , 2002, 106, 11430-11437.	2.6	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.	3.3	65
43	Uptake of ^{85}Sr , ^{134}Cs and ^{57}Co by antimony silicates doped with Ti^{4+} , Nb^{5+} , Mo^{6+} and 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.	9.0	62
45	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
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.	3.7	60
48	Mesoporous Silicas Modified with Dioxomolybdenum(VI) Complexes: Synthesis and Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2263-2270.	2.0	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 Mo^{VI} Catalysts for the Epoxidation of Olefins. <i>Organometallics</i> , 2010, 29, 883-892.	2.3	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.	4.0	57
52	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 726-734.	2.0	56
53	Spectroscopic Studies of Europium(III) and Gadolinium(III) Tris- β -diketonate Complexes with Diazabutadiene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3913-3919.	2.0	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.	2.8	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.	4.0	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.	2.0	48
59	CpMo(CO)3Cl as a precatalyst for the epoxidation of olefins. <i>Catalysis Letters</i> , 2005, 101, 127-130.	2.6	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.	2.0	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.	1.8	47
62	Organotin(IV)-Oxometalate Coordination Polymers as Catalysts for the Epoxidation of Olefins. <i>Journal of Catalysis</i> , 2002, 209, 237-244.	6.2	46
63	A Highly Efficient Dioxo(1/4-oxo)molybdenum(VI) Dimer Catalyst for Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2007, 46, 8508-8510.	4.0	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.	2.0	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.	3.3	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.	3.6	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.	2.6	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.	4.0	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.	4.0	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.	3.9	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.	2.0	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.	1.8	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.	4.0	40
78	Synthesis, characterisation and luminescence properties of MCM-41 impregnated with an Eu ³⁺ β -diketonate complex. <i>Microporous and Mesoporous Materials</i> , 2008, 113, 453-462.	4.4	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 ₂ O ₄ (η^4 -Cl) ₂ (dmf) ₄]. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4528-4537.	2.0	39
80	Mesoporous nanosilica-supported polyoxomolybdate as catalysts for sustainable desulfurization. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 163-171.	4.4	39
81	Experimental and theoretical study of the interaction of molybdenocene dichloride (Cp ₂ MoCl ₂) with β -cyclodextrin. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 11-16.	1.8	38
82	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
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.	4.4	38
84	Encapsulation of half-sandwich complexes of molybdenum with β -cyclodextrin. <i>Dalton Transactions RSC</i> , 2000, , 2964-2968.	2.3	37
85	Cyclopentadienyl molybdenum dicarbonyl η^3 -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of Cp [*] Mo(CO) ₂ (η^3 -C ₃ H ₅) (Cp [*] = η^5 -C ₅ H ₄ Me, η^5 -C ₅ Me ₅). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2311-2319.	1.8	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.	4.4	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.	12.7	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.	4.4	36
90	Crystal structure and temperature-dependent luminescence of a heterotetranuclear sodium-europium(β -diketonate) complex. <i>Dalton Transactions</i> , 2015, 44, 488-492.	3.3	36

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91	Interactions of Cationic and Neutral Molybdenum Complexes with β -Cyclodextrin Host Molecules. <i>Organometallics</i> , 2001, 20, 2191-2197.	2.3	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.	4.3	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.	3.3	34
94	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
95	β -Cyclodextrin and permethylated β -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.	2.4	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.	4.3	33
97	A Combined Theoretical \sim Experimental Study of the Inclusion of Niobocene Dichloride in Native and Permethylated β -Cyclodextrins. <i>Organometallics</i> , 2007, 26, 4220-4228.	2.3	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.	2.6	32
99	Picosecond Dynamics of Dimer Formation in a Pyrene Labeled Polymer. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12439-12447.	2.6	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.	4.0	32
101	Synthesis and characterization of the inclusion compound of a methyltrioxorhenium(VII) adduct of 4-ferrocenylpyridine with β -cyclodextrin. <i>Journal of Organometallic Chemistry</i> , 2002, 656, 281-287.	1.8	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.	1.8	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.	4.3	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.	2.0	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.	2.8	29
107	Inclusion of molybdenocene dichloride (Cp_2MoCl_2) in 2-hydroxypropyl- and trimethyl- β -cyclodextrin: Structural and biological properties. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2905-2912.	1.8	29
108	Synthesis and characterization of the inclusion compound of a ferrocenyldiimine dioxomolybdenum complex with heptakis-2,3,6-tri-O-methyl- β -cyclodextrin. <i>Inorganica Chimica Acta</i> , 2005, 358, 981-988.	2.4	29

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109	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
110	Efficient Oxidative Desulfurization Processes Using Polyoxomolybdate Based Catalysts. <i>Energies</i> , 2018, 11, 1696.	3.1	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.	4.0	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.	4.3	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.	2.6	27
115	β ² -Cyclodextrin inclusion of europium(III) tris(β ² -diketonate)-bipyridine. <i>Polyhedron</i> , 2006, 25, 1471-1476.	2.2	26
116	Structural Studies of β ² -Cyclodextrin and Permethylylated β ² -Cyclodextrin Inclusion Compounds of Cyclopentadienyl Metal Carbonyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1662-1669.	2.0	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.	2.4	25
118	Modification of β ² -Cyclodextrin with Ferrocenyl Groups by Ring Opening of an Encapsulated [1]Ferrocenophane. <i>Organometallics</i> , 2000, 19, 1455-1457.	2.3	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.	4.4	25
120	Complex Formation between Heptakis(2,6-di-O-methyl)-β ² -cyclodextrin and Cyclopentadienyl Molybdenum(II) Dicarbonyl Complexes: Structural Studies and Cytotoxicity Evaluations. <i>Organometallics</i> , 2008, 27, 4948-4956.	2.3	25
121	A dinuclear oxomolybdenum(VI) complex, [Mo ₂ O ₆ (4,4'-di-tert-butyl-2,2'-bipyridine) ₂], displaying the {MoO ₂ (μ ^{1/4} -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
122	Dichlorodioxomolybdenum(vi) complexes bearing oxygen-donor ligands as olefin epoxidation catalysts. <i>Dalton Transactions</i> , 2015, 44, 14139-14148.	3.3	25
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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.	1.8	3
241	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
242	Intercalation of $\text{[Pentamethylcyclopentadienyl]trioxomolybdenum(VI)}$ in a Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2408-2416.	2.0	2
243	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
244	Tetrapyridinium $\frac{1}{4}$ -oxido-di- $\frac{1}{4}$ -sulfato-bis[chloridodioxidomolybdate(VI)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1005-m1006.	0.2	1
245	A novel dinuclear Mo^{VI} 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.	0.4	1
246	Multiply Bonded Dimolybdenum Cation Immobilized in Mesoporous Silica: XAFS Analysis and Catalytic Activity in Cyclopentadiene Polymerization. <i>Macromolecular Rapid Communications</i> , 2001, 22, 1302-1305.	3.9	1
247	Selective isomerization of \pm -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