

Martyn Pillinger

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248
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ext. papers

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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
248	Dehydration of xylose into furfural over micro-mesoporous sulfonic acid catalysts. <i>Journal of Catalysis</i> , 2005 , 229, 414-423	7.3	290
247	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, 2370-83	4.8	214
246	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	5.1	206
245	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	7.3	177
244	Highly Luminescent Tris(Ethylketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005 , 17, 5077-5084	9.6	166
243	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		150
242	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	3.2	141
241	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	138
240	Acidic cesium salts of 12-tungstophosphoric acid as catalysts for the dehydration of xylose into furfural. <i>Carbohydrate Research</i> , 2006 , 341, 2946-53	2.9	127
239	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	5.3	122
238	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	114
237	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	5.1	109
236	Modified versions of sulfated zirconia as catalysts for the conversion of xylose to furfural. <i>Catalysis Letters</i> , 2007 , 114, 151-160	2.8	104
235	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	7.3	102
234	Conversion of furfuryl alcohol to ethyl levulinate using porous aluminosilicate acid catalysts. <i>Catalysis Today</i> , 2013 , 218-219, 76-84	5.3	101
233	Liquid phase dehydration of d-xylose in the presence of Keggin-type heteropolyacids. <i>Applied Catalysis A: General</i> , 2005 , 285, 126-131	5.1	100
232	Dehydration of Xylose into Furfural in the Presence of Crystalline Microporous Silicoaluminophosphates. <i>Catalysis Letters</i> , 2010 , 135, 41-47	2.8	98

231	Sorption Behavior of Radionuclides on Crystalline Synthetic Tunnel Manganese Oxides. <i>Chemistry of Materials</i> , 2000 , 12, 3798-3804	9.6	97
230	Isomerization of d-glucose to d-fructose over metallosilicate solid bases. <i>Applied Catalysis A: General</i> , 2008 , 339, 21-27	5.1	88
229	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	13	85
228	Multi-functional rare-earth hybrid layered networks: photoluminescence and catalysis studies. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2618		85
227	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	5.1	84
226	Immobilization of Lanthanide Ions in a Pillared Layered Double Hydroxide. <i>Chemistry of Materials</i> , 2005 , 17, 5803-5809	9.6	84
225	Production of biomass-derived furanic ethers and levulinate esters using heterogeneous acid catalysts. <i>Green Chemistry</i> , 2013 , 15, 3367	10	81
224	Liquid-phase Dehydration of d-xylose over Microporous and Mesoporous Niobium Silicates. <i>Catalysis Letters</i> , 2006 , 108, 179-186	2.8	80
223	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	21.8	77
222	Sulfonated graphene oxide as effective catalyst for conversion of 5-(hydroxymethyl)-2-furfural into biofuels. <i>ChemSusChem</i> , 2014 , 7, 804-12	8.3	75
221	Deep oxidative desulfurization of diesel fuels using homogeneous and SBA-15-supported peroxophosphotungstate catalysts. <i>Fuel</i> , 2019 , 241, 616-624	7.1	75
220	Structural and photoluminescence studies of a europium(III) tetrakis(beta-diketonate) complex with tetrabutylammonium, imidazolium, pyridinium and silica-supported imidazolium counterions. <i>Inorganic Chemistry</i> , 2009 , 48, 4882-95	5.1	74
219	Acid-catalysed conversion of saccharides into furanic aldehydes in the presence of three-dimensional mesoporous Al-TUD-1. <i>Molecules</i> , 2010 , 15, 3863-77	4.8	71
218	Investigation of europium(III) and gadolinium(III) complexes with naphthoyltrifluoroacetone and bidentate heterocyclic amines. <i>Journal of Luminescence</i> , 2005 , 113, 50-63	3.8	71
217	Dioxomolybdenum(VI) modified mesoporous materials for the catalytic epoxidation of olefins. <i>Catalysis Today</i> , 2006 , 114, 263-271	5.3	68
216	Immobilization of oxomolybdenum species in a layered double hydroxide pillared by 2,2'-bipyridine-5,5'-dicarboxylate anions. <i>Inorganic Chemistry</i> , 2004 , 43, 5422-31	5.1	68
215	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	2.3	68
214	Sorption characteristics of radionuclides on synthetic birnessite-type layered manganese oxides. <i>Journal of Materials Chemistry</i> , 2000 , 10, 1867-1874		67

213	Preparation and photophysical characterisation of ZnAl layered double hydroxides intercalated by anionic pyrene derivatives. <i>Journal of Materials Chemistry</i> , 2008 , 18, 894		65
212	Chiral dioxomolybdenum(VI) complexes for enantioselective alkene epoxidation. <i>Journal of Organometallic Chemistry</i> , 2001 , 626, 1-10	2.3	65
211	Molecular structure-activity relationships for the oxidation of organic compounds using mesoporous silica catalysts derivatised with bis(halogeno)dioxomolybdenum(VI) complexes. <i>Chemistry - A European Journal</i> , 2003 , 9, 4380-90	4.8	64
210	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	2.4	63
209	Dichloro and dimethyl dioxomolybdenum(VI) diazabutadiene complexes as catalysts for the epoxidation of olefins. <i>New Journal of Chemistry</i> , 2004 , 28, 308-313	3.6	63
208	Catalytic olefin epoxidation with cyclopentadienylmolybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , 2005 , 46, 47-52	2	63
207	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2004 , 218, 5-11		60
206	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	2.3	60
205	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		57
204	Desulfurization of liquid fuels by extraction and sulfoxidation using H ₂ O ₂ and [CpMo(CO) ₃ R] as catalysts. <i>Applied Catalysis B: Environmental</i> , 2018 , 230, 177-183	21.8	55
203	Mesoporous Silicas Modified with Dioxomolybdenum(VI) Complexes: Synthesis and Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2000 , 2000, 2263-2270	2.3	55
202	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		55
201	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	10	53
200	Synthesis, structure, and catalytic performance in cyclooctene epoxidation of a molybdenum oxide/bipyridine hybrid material: [[MoO ₃ (bipy)][MoO ₃ (H ₂ O)] _n . <i>Inorganic Chemistry</i> , 2010 , 49, 6865-73	5.1	53
199	Investigation of Molybdenum Tetracarbonyl Complexes As Precursors to MoVI Catalysts for the Epoxidation of Olefins. <i>Organometallics</i> , 2010 , 29, 883-892	3.8	53
198	Ionic Liquids as Tools for the Acid-Catalyzed Hydrolysis/Dehydration of Saccharides to Furanic Aldehydes. <i>ChemCatChem</i> , 2011 , 3, 1686-1706	5.2	52
197	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	2.3	52
196	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	3.6	50

195	Ion exchange of caesium and strontium on a titanosilicate analogue of the mineral pharmacosiderite. <i>Journal of Materials Chemistry</i> , 1999 , 9, 2481-2487		49
194	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 726-734	2.3	48
193	Chemistry and catalytic activity of molybdenum(VI)-pyrazolylpyridine complexes in olefin epoxidation. Crystal structures of monomeric dioxo, dioxo- μ -oxo, and oxodiperoxo derivatives. <i>Inorganic Chemistry</i> , 2011 , 50, 525-38	5.1	47
192	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		46
191	CpMo(CO) ₃ Cl as a precatalyst for the epoxidation of olefins. <i>Catalysis Letters</i> , 2005 , 101, 127-130	2.8	46
190	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	2.3	45
189	Synthesis and Characterization of Methyltrioxorhenium(VII) Immobilized in Bipyridyl-Functionalized Mesoporous Silica. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1100-1107	2.3	44
188	Molybdenum(VI) catalysts obtained from β -allyl dicarbonyl precursors: synthesis, characterization and catalytic performance in cyclooctene epoxidation. <i>Dalton Transactions</i> , 2012 , 41, 3474-84	4.3	43
187	An octanuclear molybdenum(VI) complex containing coordinatively bound 4,4'-di-tert-butyl-2,2'-bipyridine, [Mo ₈ O ₂₂ (OH) ₄ (di-tBu-bipy) ₄]: synthesis, structure, and catalytic epoxidation of bio-derived olefins. <i>Inorganic Chemistry</i> , 2012 , 51, 3666-76	5.1	42
186	Synthesis and catalytic properties of molybdenum(VI) complexes with tris(3,5-dimethyl-1-pyrazolyl)methane. <i>Inorganic Chemistry</i> , 2011 , 50, 3490-500	5.1	42
185	Catalytic Epoxidation and Sulfoxidation Activity of a Dioxomolybdenum(VI) Complex Bearing a Chiral Tetradentate Oxazoline Ligand. <i>Catalysis Letters</i> , 2009 , 132, 94-103	2.8	42
184	Amino acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex and its use in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 1826-1833	2.3	42
183	A highly efficient dioxo(μ -oxo)molybdenum(VI) dimer catalyst for olefin epoxidation. <i>Inorganic Chemistry</i> , 2007 , 46, 8508-10	5.1	42
182	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005 , 236, 1-6		42
181	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	2.3	41
180	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	3.1	41
179	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	3.7	40
178	Organotin Oxometalate Coordination Polymers as Catalysts for the Epoxidation of Olefins. <i>Journal of Catalysis</i> , 2002 , 209, 237-244	7.3	40

177	Synthesis and Catalytic Properties in Olefin Epoxidation of Octahedral Dichlorodioxidomolybdenum(VI) Complexes Bearing N,N-Dialkylamide Ligands: Crystal Structure of [Mo ₂ O ₄ (O) ₂ Cl ₂ (dmf) ₄]. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4528-4537	2.3	39
176	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	2.3	39
175	Structural studies of polyoxometalate-anion-pillared layered double hydroxides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 2963		39
174	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		38
173	Synthesis, characterisation and luminescence properties of MCM-41 impregnated with an Eu ³⁺ Ediketonate complex. <i>Microporous and Mesoporous Materials</i> , 2008 , 113, 453-462	5.3	38
172	Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005 , 227, 67-73		37
171	Experimental and theoretical study of the interaction of molybdenocene dichloride (Cp ₂ MoCl ₂) with Cyclodextrin. <i>Journal of Organometallic Chemistry</i> , 2001 , 632, 11-16	2.3	37
170	Synthesis, characterization and antitumor activity of 1,2-disubstituted ferrocenes and cyclodextrin inclusion complexes. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 675-684	2.3	36
169	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, 2652-65	5.1	35
168	Hydrothermal synthesis, crystal structure, and catalytic potential of a one-dimensional molybdenum oxide/bipyridinedicarboxylate hybrid. <i>Inorganic Chemistry</i> , 2013 , 52, 4618-28	5.1	35
167	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	5.3	35
166	Encapsulation of half-sandwich complexes of molybdenum with Cyclodextrin. <i>Dalton Transactions RSC</i> , 2000 , 2964-2968		35
165	Cyclopentadienyl molybdenum dicarbonyl β -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of Cp [*] Mo(CO) ₂ (β -C ₃ H ₅) (Cp [*] = β -C ₅ H ₄ Me, β -C ₅ Me ₅). <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2311-2319	2.3	34
164	Microwave-assisted molybdenum-catalysed epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2010 , 320, 19-26		34
163	Heterogeneous oxidation catalysts formed in situ from molybdenum tetracarbonyl complexes and tert-butyl hydroperoxide. <i>Applied Catalysis A: General</i> , 2011 , 395, 71-77	5.1	33
162	Interactions of Cationic and Neutral Molybdenum Complexes with Cyclodextrin Host Molecules. <i>Organometallics</i> , 2001 , 20, 2191-2197	3.8	33
161	Crystal structure and temperature-dependent luminescence of a heterotetranuclear sodium-europium(III) Ediketonate complex. <i>Dalton Transactions</i> , 2015 , 44, 488-92	4.3	32
160	Incorporation of a dioxomolybdenum(VI) complex in a Zr ^{IV} -based Metal-Organic Framework and its application in catalytic olefin epoxidation. <i>Microporous and Mesoporous Materials</i> , 2015 , 202, 106-114	5.3	31

159	Promotion of phosphoester hydrolysis by the ZrIV-based metal-organic framework UiO-67. <i>Microporous and Mesoporous Materials</i> , 2015 , 208, 21-29	5.3	31
158	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	2.8	31
157	A Combined Theoretical/Experimental Study of the Inclusion of Niobocene Dichloride in Native and Permethylated β -Cyclodextrins. <i>Organometallics</i> , 2007 , 26, 4220-4228	3.8	31
156	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	14.7	30
155	Epoxidation of cyclooctene using soluble or MCM-41-supported molybdenum tetracarbonylpyridylimine complexes as catalyst precursors. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3543-3550	2.3	30
154	Picosecond dynamics of dimer formation in a pyrene labeled polymer. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12439-47	3.4	30
153	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	2.3	30
152	A recyclable ionic liquid-oxomolybdenum(vi) catalytic system for the oxidative desulfurization of model and real diesel fuel. <i>Dalton Transactions</i> , 2016 , 45, 15242-8	4.3	30
151	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	5.1	29
150	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		29
149	Immobilisation of rhodium acetonitrile complexes in ordered mesoporous silica. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 3098-3105	3.6	29
148	Investigation of a dichlorodioxomolybdenum(VI)-pyrazolylpyridine complex and a hybrid derivative as catalysts in olefin epoxidation. <i>Dalton Transactions</i> , 2014 , 43, 6059-69	4.3	28
147	Synthesis, structural elucidation, and application of a pyrazolylpyridine-molybdenum oxide composite as a heterogeneous catalyst for olefin epoxidation. <i>Inorganic Chemistry</i> , 2012 , 51, 8629-35	5.1	28
146	Catalytic olefin epoxidation with cationic molybdenum(VI) cis-dioxo complexes and ionic liquids. <i>Applied Catalysis A: General</i> , 2010 , 372, 67-72	5.1	28
145	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	2.7	28
144	Synthesis and Properties of ZnAl Layered Double Hydroxides Containing Ferrocenecarboxylate Anions. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1389-1395	2.3	28
143	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	2.7	28
142	Mesoporous nanosilica-supported polyoxomolybdate as catalysts for sustainable desulfurization. <i>Microporous and Mesoporous Materials</i> , 2019 , 275, 163-171	5.3	27

141	Molybdenum oxide/bipyridine hybrid material $\{[\text{MoO}_3(\text{bipy})][\text{MoO}_3(\text{H}_2\text{O})]\}_n$ as catalyst for the oxidation of secondary amines to nitrones. <i>Tetrahedron Letters</i> , 2011 , 52, 7079-7082	2	27
140	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	2.3	27
139	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	5.6	26
138	Synthesis and catalytic properties in olefin epoxidation of chiral oxazoline dioxomolybdenum(VI) complexes. <i>Journal of Molecular Catalysis A</i> , 2006 , 260, 11-18		26
137	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	2.8	25
136	A dinuclear oxomolybdenum(VI) complex, $[\text{Mo}_2\text{O}_6(4,4\text{-di-tert-butyl-2,2\text{'-bipyridine})_2]$, displaying the $\{\text{MoO}_2(\text{EO})_2\text{MoO}_2\}_0$ core, and its use as a catalyst in olefin epoxidation. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 147-152	3.1	24
135	Complex Formation between Heptakis(2,6-di-O-methyl)- β -cyclodextrin and Cyclopentadienyl Molybdenum(II) Dicarbonyl Complexes: Structural Studies and Cytotoxicity Evaluations. <i>Organometallics</i> , 2008 , 27, 4948-4956	3.8	24
134	Structural Studies of β -Cyclodextrin and Permethylated β -Cyclodextrin Inclusion Compounds of Cyclopentadienyl Metal Carbonyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1662-1669	2.3	24
133	Synthesis and characterization of a manganese(II) acetonitrile complex supported on functionalized MCM-41. <i>Microporous and Mesoporous Materials</i> , 2004 , 76, 131-136	5.3	24
132	Dichlorodioxomolybdenum(VI) complexes bearing oxygen-donor ligands as olefin epoxidation catalysts. <i>Dalton Transactions</i> , 2015 , 44, 14139-48	4.3	23
131	Lewis base adducts of halogenorhenium(VII) oxides: 17O NMR spectroscopy, structural aspects and catalysis. <i>Inorganica Chimica Acta</i> , 1998 , 279, 44-50	2.7	23
130	Synthesis of ferrocenyldiimine metal carbonyl complexes and an investigation of the Mo adduct encapsulated in cyclodextrin. <i>New Journal of Chemistry</i> , 2005 , 29, 347-354	3.6	23
129	β -Cyclodextrin inclusion of europium(III) tris(β -diketonate)-bipyridine. <i>Polyhedron</i> , 2006 , 25, 1471-1476	2.7	23
128	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	2.3	22
127	Structural Studies and Catalytic Activity of MCM-41 and MCM-48 Modified With the Titanocenophane $[\text{SiMe}_2(\text{B-C}_5\text{H}_4)_2]\text{TiCl}_2$. <i>European Journal of Inorganic Chemistry</i> , 2000 , 2000, 551-557	2.3	22
126	Modification of β -Cyclodextrin with Ferrocenyl Groups by Ring Opening of an Encapsulated [1]Ferrocenophane. <i>Organometallics</i> , 2000 , 19, 1455-1457	3.8	22
125	Controlling the fluorescence behavior of 1-pyrenesulfonate by cointercalation with a surfactant in a layered double hydroxide. <i>Langmuir</i> , 2015 , 31, 4769-78	4	21
124	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	3.9	21

123	Influence of Cyclodextrins on Catalytic Olefin Epoxidation with Metal Carbonyl Compounds. Crystal Structure of the TRIMEB Complex with CpFe(CO) ₂ Cl. <i>Organometallics</i> , 2007 , 26, 6857-6863	3.8	21
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