

Isabel S Goncalves

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247 papers	6,194 citations	42 h-index	61 g-index
250 ext. papers	6,500 ext. citations	3.7 avg, IF	5.27 L-index

#	Paper	IF	Citations
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	Highly Luminescent Tris(β -diketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005 , 17, 5077-5084	9.6	166
245	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
244	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
243	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
242	Immobilization of Lanthanide Ions in a Pillared Layered Double Hydroxide. <i>Chemistry of Materials</i> , 2005 , 17, 5803-5809	9.6	84
241	Structure-photoluminescence relationship in Eu(III) β -diketonate-based organic-inorganic hybrids. Influence of the synthesis method: carboxylic acid solvolysis versus conventional hydrolysis. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3117		81
240	Ordered benzene-silica hybrids with molecular-scale periodicity in the walls and different mesopore sizes. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1910-1913		78
239	Organorhenium(VII) and organomolybdenum(VI) oxides: synthesis and application in oxidation catalysis. <i>Applied Organometallic Chemistry</i> , 2001 , 15, 43-50	3.1	76
238	Deep oxidative desulfurization of diesel fuels using homogeneous and SBA-15-supported peroxophosphotungstate catalysts. <i>Fuel</i> , 2019 , 241, 616-624	7.1	75
237	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, 4882-95	5.1	74
236	(Dimethyl)dioxomolybdenum(VI) complexes: syntheses and catalytic applications. <i>Journal of Molecular Catalysis A</i> , 2000 , 164, 25-38		73
235	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
234	Dioxomolybdenum(VI) modified mesoporous materials for the catalytic epoxidation of olefins. <i>Catalysis Today</i> , 2006 , 114, 263-271	5.3	68
233	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
232	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
231	Preparation and photophysical characterisation of Zn-Al layered double hydroxides intercalated by anionic pyrene derivatives. <i>Journal of Materials Chemistry</i> , 2008 , 18, 894		65

230	Chiral dioxomolybdenum(VI) complexes for enantioselective alkene epoxidation. <i>Journal of Organometallic Chemistry</i> , 2001 , 626, 1-10	2.3	65
229	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
228	Synthesis, Characterization, and Luminescence of 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
227	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
226	Catalytic olefin epoxidation with cyclopentadienylmolybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , 2005 , 46, 47-52	2	63
225	Bis-acetonitrile(dibromo)dioxomolybdenum(VI) and derivatives: synthesis, reactivity, structures and catalytic applications. <i>Journal of Organometallic Chemistry</i> , 1999 , 583, 3-10	2.3	62
224	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2004 , 218, 5-11		60
223	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
222	Mixed-Ring and Indenyl Analogs of Molybdenocene and Tungstenocene: Preparation and Characterization. <i>Organometallics</i> , 1995 , 14, 3901-3919	3.8	60
221	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
220	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
219	Solid state inclusion compound of S-ibuprofen in β-cyclodextrin: structure and characterisation. <i>New Journal of Chemistry</i> , 2003 , 27, 597-601	3.6	55
218	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
217	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
216	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
215	Ligand Dependence of the Indenyl Ring Slippage in [(β-Ind)MoL ₂ (CO) ₂] _{0,+} Complexes: Experimental and Theoretical Studies. <i>Organometallics</i> , 1998 , 17, 2597-2611	3.8	51
214	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
213	Chemistry and catalytic activity of molybdenum(VI)-pyrazolylpyridine complexes in olefin epoxidation. Crystal structures of monomeric dioxo, dioxo-β-oxo, and oxodiperoxo derivatives. <i>Inorganic Chemistry</i> , 2011 , 50, 525-38	5.1	47

212	New insights into the reaction of t-butylhydroperoxide with dichloro- and dimethyl(dioxo)molybdenum(VI). <i>Journal of Organometallic Chemistry</i> , 2002 , 649, 108-112	2.3	47
211	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
210	CpMo(CO) ₃ Cl as a precatalyst for the epoxidation of olefins. <i>Catalysis Letters</i> , 2005 , 101, 127-130	2.8	46
209	Dynamics of short as compared with long poly(acrylic acid) chains hydrophobically modified with pyrene, as followed by fluorescence techniques. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 1370-85	3.6	44
208	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
207	Stepwise hapticity changes in sequential one-electron redox reactions of indenyl-molybdenum complexes: combined electrochemical, ESR, X-ray, and theoretical studies. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10595-606	16.4	43
206	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
205	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
204	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
203	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
202	A highly efficient dioxo(μ -oxo)molybdenum(VI) dimer catalyst for olefin epoxidation. <i>Inorganic Chemistry</i> , 2007 , 46, 8508-10	5.1	42
201	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
200	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
199	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
198	Synthesis of mixed-ring indenyl analogues of tungstenocene. <i>Journal of Organometallic Chemistry</i> , 1995 , 486, 155-161	2.3	41
197	Organotin Dioxometalate Coordination Polymers as Catalysts for the Epoxidation of Olefins. <i>Journal of Catalysis</i> , 2002 , 209, 237-244	7.3	40
196	Synthesis and Catalytic Properties in Olefin Epoxidation of Octahedral Dichloridodioxidomolybdenum(VI) Complexes Bearing N,N-Dialkylamide Ligands: Crystal Structure of [Mo ₂ O ₄ (μ -O)Cl ₂ (dmf) ₄]. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4528-4537	2.3	39
195	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

194	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
193	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
192	Stepwise Synthesis of Molybdenocene and Mixed-Ring Indenyl Analogs. <i>Organometallics</i> , 1994 , 13, 429-438	4.3	38
191	Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005 , 227, 67-73		37
190	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	2.3	37
189	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
188	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
187	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
186	Encapsulation of half-sandwich complexes of molybdenum with β -cyclodextrin. <i>Dalton Transactions RSC</i> , 2000 , 2964-2968		35
185	Cyclopentadienyl molybdenum dicarbonyl β -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of Cp ₂ Mo(CO) ₂ (β -C ₃ H ₅) (Cp ₂ β -C ₅ H ₄ Me, β -C ₅ Me ₅). <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2311-2319	2.3	34
184	Microwave-assisted molybdenum-catalysed epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2010 , 320, 19-26		34
183	Ring slippage in indenyl derivatives of molybdenum and tungsten. <i>Journal of Organometallic Chemistry</i> , 1996 , 508, 169-181	2.3	34
182	Triazolyl-based copper-molybdate hybrids: from composition space diagram to magnetism and catalytic performance. <i>Inorganic Chemistry</i> , 2014 , 53, 10112-21	5.1	33
181	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
180	Interactions of Cationic and Neutral Molybdenum Complexes with β -Cyclodextrin Host Molecules. <i>Organometallics</i> , 2001 , 20, 2191-2197	3.8	33
179	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
178	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
177	Promotion of phosphoester hydrolysis by the Zr ^{IV} -based metal-organic framework UiO-67. <i>Microporous and Mesoporous Materials</i> , 2015 , 208, 21-29	5.3	31

176	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
175	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
174	Synthesis and Structural Elucidation of Triazolymolybdenum(VI) Oxide Hybrids and Their Behavior as Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2015 , 54, 8327-38	5.1	30
173	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
172	Picosecond dynamics of dimer formation in a pyrene labeled polymer. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12439-47	3.4	30
171	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
170	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
169	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
168	Immobilisation of rhodium acetonitrile complexes in ordered mesoporous silica. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 3098-3105	3.6	29
167	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
166	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
165	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
164	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
163	Synthesis and Properties of Zn-Al Layered Double Hydroxides Containing Ferrocenecarboxylate Anions. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1389-1395	2.3	28
162	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
161	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
160	Nucleophilic and electrophilic reactions of C5 cyclo-polyenes coordinated to the $[\text{CpMoL}_2]^{n+}$ fragment ($n = 1, 2$; $L = 1/2\text{dppe}$, PMe_3 , P(OMe)_3 , CO). <i>Journal of Organometallic Chemistry</i> , 1997 , 544, 257-276	2.3	27
159	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

158	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
157	Synthesis and spectroscopic characterisation of binuclear molybdenum-rhenium complexes. <i>Polyhedron</i> , 1998 , 17, 1091-1102	2.7	26
156	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
155	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
154	Luminescence properties of composites made of a europium(III) complex and electroluminescent polymers with different energy gaps. <i>Journal Physics D: Applied Physics</i> , 2006 , 39, 3582-3587	3	25
153	A dinuclear oxomolybdenum(VI) complex, [Mo ₂ O ₆ (4,4'-di-tert-butyl-2,2'-bipyridine) ₂], displaying the {MoO ₂ (EO) ₂ 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
152	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
151	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
150	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
149	Emission quantum yield of a europium(III) tris- β -diketonate complex bearing a 1,4-diaza-1,3-butadiene: Comparison with theoretical prediction. <i>Chemical Physics Letters</i> , 2005 , 413, 22-24	2.5	24
148	Dichlorodioxomolybdenum(VI) complexes bearing oxygen-donor ligands as olefin epoxidation catalysts. <i>Dalton Transactions</i> , 2015 , 44, 14139-48	4.3	23
147	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
146	β -Cyclodextrin inclusion of europium(III) tris(β -diketonate)-bipyridine. <i>Polyhedron</i> , 2006 , 25, 1471-1476	2.7	23
145	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
144	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
143	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
142	Synthesis and catalytic properties of manganese(II) and oxovanadium(IV) complexes anchored to mesoporous MCM-41. <i>Microporous and Mesoporous Materials</i> , 2008 , 112, 14-25	5.3	21
141	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

140	Efficient Oxidative Desulfurization Processes Using Polyoxomolybdate Based Catalysts. <i>Energies</i> , 2018 , 11, 1696	3.1	20
139	Epoxidation of olefins using a dichlorodioxomolybdenum(VI)-pyridylimine complex as catalyst. <i>Inorganica Chimica Acta</i> , 2012 , 387, 234-239	2.7	20
138	Structural Studies of [CpMoL ₂ (CO) ₂] ⁺ (L = NCMe, L ₂ = 2,2'-biimidazole) Complexes and Their Inclusion Compounds with Cyclodextrins. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4278-4288	2.3	20
137	Inclusion complex formation of diferrocenyldimethylsilane with Cyclodextrin. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 4801-4808	2.3	20
136	Mesoporous silica grafted with multiply bonded dimolybdenum cations: XAFS analysis and catalytic activity in cyclopentadiene polymerisation. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 696-702	3.6	20
135	Intercalation of a molybdenum β -allyl dicarbonyl complex in a layered double hydroxide and catalytic performance in olefin epoxidation. <i>Dalton Transactions</i> , 2013 , 42, 8231-8240	4.3	19
134	Tris(pyrazolyl)methane molybdenum tricarbonyl complexes as catalyst precursors for olefin epoxidation. <i>Journal of Molecular Catalysis A</i> , 2013 , 370, 64-74		19
133	Microwave-assisted synthesis and crystal structure of oxo(diperoxo)(4,4'-di-tert-butyl-2,2'-bipyridine)-molybdenum(VI). <i>Molecules</i> , 2009 , 14, 3610-20	4.8	19
132	MCM-41 Derivatised with Pyridyl Groups and Its Use as a Support for Luminescent Europium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3786-3795	2.3	19
131	Preparation and characterization of organotin-oxomolybdate coordination polymers and their use in sulfoxidation catalysis. <i>Chemistry - A European Journal</i> , 2003 , 9, 2685-95	4.8	19
130	Synthesis and characterisation of a RuII([14]aneS ₄) complex immobilised in MCM-41-type mesoporous silica. <i>Dalton Transactions RSC</i> , 2001 , 1628-1633		19
129	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	3.3	18
128	New Synthetic Pathway to Mono- and Bis-indenyl Complexes of Molybdenum(IV). <i>Organometallics</i> , 1998 , 17, 5782-5788	3.8	18
127	Catalytic properties of the dioxomolybdenum siloxide MoO ₂ (OSiPh ₃) ₂ and its 2,2'-bipyridine adduct MoO ₂ (OSiPh ₃) ₂ (bpy). <i>Molecules</i> , 2006 , 11, 298-308	4.8	18
126	Molybdenum(VI) oxides bearing 1,4,7-triazacyclononane and 1,1,1-tris(aminomethyl)ethane ligands: Synthesis and catalytic applications. <i>Journal of Molecular Catalysis A</i> , 2006 , 249, 166-171		18
125	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	2.3	16
124	[MoO ₃ (2,2'-Bipy)] _n catalyzed oxidation of amines and sulfides. <i>Catalysis Communications</i> , 2018 , 103, 60-64	3.2	16
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33	Synthesis and structural characterization of new mixed-ring indenyl derivatives of molybdenum containing phosphorus ligands. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 1593-1600	2.3	3

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24	Tripyridinium cis-tetra-chlorido-dioxido-molybdate(VI) chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m862-3		2
23	4,4'-Di-tert-butyl-2,2'-dipyridinium dichloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1903-4		2
22	Tris(4,4'-di-tert-butyl-2,2'-bipyridine- κ^4 , κ^4 , κ^4)molybdenum(II) $[\kappa^6]$ -oxido-dodeca- $[\kappa^2]$ -oxido-hexa-oxido-hexa-molybdate(VI) acetonitrile tetra-solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1828-9		2
21	Spectroscopic studies of an europium(III) tris-Ediketonate complex bearing a pyrazolylpyridine ligand. <i>Journal of Alloys and Compounds</i> , 2008 , 451, 344-346	5.7	2
20	Synthesis and reactivity of mixed-ring indenyl complexes of molybdenocene. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 1718-1725	2.3	2
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17	Intercalation of $(\beta$ -Pentamethylcyclopentadienyl)trioxomolybdenum(VI) in a Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2408-2416	2.3	1
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13	A novel dinuclear MoVI complex with tris(3,5-dimethyl-1H-pyrazol-1-yl)methane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012 , 68, m73-5		1
12	Tetra-pyridinium tetraxido-di-tetrakis-bis-[chloridodioxidomolybdate(VI)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1005-6		1
11	Mo(4)(eta(3)-allyl)(4)Cl(2)(OH)(2)(CO)(8): the first cubane-type Mo(2+) organometallic complex with mu(3)-OH and mu(3)-Cl bridges. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, m168-70		1
10	Immobilisation of Ferricinium Cation into ETS-10 by Ion Exchange under Microwave Irradiation. <i>Materials Science Forum</i> , 2008 , 587-588, 453-457	0.4	1
9	Crystal structure of an organic-inorganic supra-molecular salt based on a 4,4'-methyl-enebis(3,5-dimethyl-1H-pyrazol-2-ium) cation and a tetrakis-molybdate anion. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 124-7	0.7	1
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	3.8	1
7	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	5.2	1
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5	Epoxidation catalysts prepared by encapsulation of molybdenum hexacarbonyl in UiO-66(Zr/Hf)-type metal-organic frameworks. <i>Microporous and Mesoporous Materials</i> , 2021 , 111603	5.3	0
4	Ionic Liquids Based on Oxidoperoxido-Molybdenum(VI) Complexes with a Chelating Picolinate Ligand for Catalytic Epoxidation. <i>Reactions</i> , 2020 , 1, 147-161	1.5	
3	Propyl-ammonium 4,4,4-trifluoro-1-(naphthalen-2-yl)butane-1,3-dionate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3384-5		
2	Oxidation of sulfides in aqueous media catalyzed by pyrazole-oxidoperoxido-molybdenum(VI) complexes. <i>Inorganica Chimica Acta</i> , 2020 , 511, 119814	2.7	
1	Selective isomerization of pinene oxide to campholenic aldehyde by ionic liquid-supported indenyl-molybdenum(II)-bipyridine complexes. <i>Journal of Organometallic Chemistry</i> , 2022 , 970-971, 122372	2.3	