

# Carlos C RomÃ£o

## List of Publications by Year in descending order

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201  
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9,295  
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24978

57  
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53109

85  
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220  
all docs

220  
docs citations

220  
times ranked

5559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhenium(VII) Oxo and Imido Complexes: Synthesis, Structures, and Applications. <i>Chemical Reviews</i> , 1997, 97, 3197-3246.	23.0	517
2	Developing drug molecules for therapy with carbon monoxide. <i>Chemical Society Reviews</i> , 2012, 41, 3571.	18.7	430
3	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
4	Antimicrobial Action of Carbon Monoxide-Releasing Compounds. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4303-4307.	1.4	179
5	CORM-3 Reactivity toward Proteins: The Crystal Structure of a Ru(II) Dicarbonyl-Lysozyme Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 1192-1195.	6.6	178
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	Multiple bonds between main-group elements and transition metals. 113. Simple and efficient synthesis of methyltrioxorhenium(VII): a general method. <i>Inorganic Chemistry</i> , 1992, 31, 4431-4432.	1.9	151
8	A Simple Entry to (1-5-C5R5)chlorodioxomolybdenum(VI) Complexes (R = H, CH <sub>3</sub> , CH <sub>2</sub> Ph) and Their Use as Olefin Epoxidation Catalysts. <i>Organometallics</i> , 2003, 22, 2112-2118.	1.1	148
9	The Nature of the Indenyl Effect. <i>Chemistry - A European Journal</i> , 2002, 8, 868-875.	1.7	147
10	A novel method for the reduction of sulfoxides and pyridine N-oxides with the system silane/MoO <sub>2</sub> Cl <sub>2</sub> . <i>Tetrahedron</i> , 2006, 62, 9650-9654.	1.0	135
11	Highly Chemo- and Regioselective Reduction of Aromatic Nitro Compounds Using the System Silane/Oxo-Rhenium Complexes. <i>Journal of Organic Chemistry</i> , 2009, 74, 6960-6964.	1.7	132
12	Spontaneous CO Release from Ru <sup>II</sup> (CO) <sub>2</sub> Protein Complexes in Aqueous Solution, Cells, and Mice. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1172-1175.	7.2	122
13	Reactive Oxygen Species Mediate Bactericidal Killing Elicited by Carbon Monoxide-releasing Molecules. <i>Journal of Biological Chemistry</i> , 2011, 286, 26708-26717.	1.6	117
14	[MoO <sub>2</sub> Cl <sub>2</sub> ] as catalyst for hydrosilylation of aldehydes and ketones. <i>Chemical Communications</i> , 2005, 213-214.	2.2	112
15	Silane/MoO <sub>2</sub> Cl <sub>2</sub> as an efficient system for the reduction of esters. <i>Journal of Molecular Catalysis A</i> , 2006, 253, 96-98.	4.8	109
16	Lewis base adducts of bis-(halogeno)dioxomolybdenum(VI): syntheses, structures, and catalytic applications. <i>Journal of Molecular Catalysis A</i> , 2000, 151, 147-160.	4.8	106
17	A novel method for the reduction of imines using the system silane/MoO <sub>2</sub> Cl <sub>2</sub> . <i>Tetrahedron Letters</i> , 2005, 46, 8881-8883.	0.7	102
18	Loading and delivery of sertraline using inorganic micro and mesoporous materials. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 357-365.	2.0	101

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19	Reduction of amides with silanes catalyzed by MoO <sub>2</sub> Cl <sub>2</sub> . Journal of Molecular Catalysis A, 2007, 272, 60-63.	4.8	99
20	Molybdenum(vi) cis-dioxo complexes bearing sugar derived chiral Schiff-base ligands: synthesis, characterization, and catalytic applications. Dalton Transactions, 2003, , 3736-3742.	1.6	95
21	Periplasmic nitrate reductase revisited: a sulfur atom completes the sixth coordination of the catalytic molybdenum. Journal of Biological Inorganic Chemistry, 2008, 13, 737-753.	1.1	94
22	A Novel Carbon Monoxide-Releasing Molecule Fully Protects Mice from Severe Malaria. Antimicrobial Agents and Chemotherapy, 2012, 56, 1281-1290.	1.4	92
23	Olefin epoxidation with tert-butyl hydroperoxide catalyzed by MoO <sub>2</sub> X <sub>2</sub> L complexes: a DFT mechanistic study. Dalton Transactions, 2006, , 1383.	1.6	88
24	Selective and mild oxidation of sulfides to sulfoxides or sulfones using H <sub>2</sub> O <sub>2</sub> and Cp*Mo(CO) <sub>3</sub> Cl as catalysts. Tetrahedron Letters, 2008, 49, 4708-4712.	0.7	88
25	Mononuclear and Binuclear Cyclopentadienyl Oxo Molybdenum and Tungsten Complexes: Syntheses and Applications in Olefin Epoxidation Catalysis. Organometallics, 2005, 24, 2582-2589.	1.1	84
26	Reduction of sulfoxides with boranes catalyzed by MoO <sub>2</sub> Cl <sub>2</sub> . Tetrahedron Letters, 2007, 48, 9176-9179.	0.7	83
27	Organorhenium(VII) and organomolybdenum(VI) oxides: synthesis and application in oxidation catalysis. Applied Organometallic Chemistry, 2001, 15, 43-50.	1.7	82
28	Hydrogen activation by high-valent oxo-molybdenum(vi) and -rhenium(vii) and -(v) compounds. Dalton Transactions, 2008, , 1727.	1.6	80
29	(Dimethyl)dioxomolybdenum(VI) complexes: syntheses and catalytic applications. Journal of Molecular Catalysis A, 2000, 164, 25-38.	4.8	79
30	Generation of Carbon Monoxide Releasing Molecules (CO-RMs) as Drug Candidates for the Treatment of Acute Liver Injury: Targeting of CO-RMs to the Liver. Organometallics, 2012, 31, 5810-5822.	1.1	78
31	MoO <sub>2</sub> Cl <sub>2</sub> as a Novel Catalyst for C~P Bond Formation and for Hydrophosphonylation of Aldehydes. Organometallics, 2009, 28, 6206-6212.	1.1	74
32	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). European Journal of Inorganic Chemistry, 2005, 2005, 1716-1723.	1.0	73
33	Catalyzing Aldehyde Hydrosilylation with a Molybdenum(VI) Complex: A Density Functional Theory Study. Chemistry - A European Journal, 2007, 13, 3934-3941.	1.7	72
34	Catalytic olefin epoxidation with cyclopentadienyl molybdenum complexes in room temperature ionic liquids. Tetrahedron Letters, 2005, 46, 47-52.	0.7	71
35	Mixed-Ring and Indenyl Analogs of Molybdenocene and Tungstenocene: Preparation and Characterization. Organometallics, 1995, 14, 3901-3919.	1.1	68
36	The $\eta^5$ -Peroxo Perrhenic Acid $\text{H}_4\text{Re}_2\text{O}_{13}$ : An Oxygen-Rich Metal Peroxide and Oxidation Catalyst. Chemistry - A European Journal, 1996, 2, 168-173.	1.7	68

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37	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
38	( $\eta$ -2-Alkyne)methyl(dioxo)rhenium Complexes as Aldehyde-Olefination Catalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 2414-2415.	6.6	68
39	Dichloro and dimethyl dioxomolybdenum(vi) $\eta$ -diazabutadiene complexes as catalysts for the epoxidation of olefins. <i>New Journal of Chemistry</i> , 2004, 28, 308-313.	1.4	68
40	Towards Improved Therapeutic CORMs: Understanding the Reactivity of CORM-3 with Proteins. <i>Current Medicinal Chemistry</i> , 2011, 18, 3361-3366.	1.2	67
41	A contribution to the rational design of Ru(CO) <sub>3</sub> Cl <sub>2</sub> L complexes for in vivo delivery of CO. <i>Dalton Transactions</i> , 2015, 44, 5058-5075.	1.6	67
42	Bis-acetonitrile(dibromo)dioxomolybdenum(VI) and derivatives: synthesis, reactivity, structures and catalytic applications. <i>Journal of Organometallic Chemistry</i> , 1999, 583, 3-10.	0.8	65
43	Molybdenum(VI) cis-dioxo complexes bearing (poly)pyrazolyl-methane and -borate ligands: syntheses, characterization and catalytic applications. <i>Dalton Transactions RSC</i> , 2001, , 1332-1337.	2.3	65
44	Chiral dioxomolybdenum(VI) complexes for enantioselective alkene epoxidation. <i>Journal of Organometallic Chemistry</i> , 2001, 626, 1-10.	0.8	65
45	Prevention of clinical and histological signs of proteolipid protein (PLP)-induced experimental allergic encephalomyelitis (EAE) in mice by the water-soluble carbon monoxide-releasing molecule (CORM)-A1. <i>Clinical and Experimental Immunology</i> , 2011, 163, 368-374.	1.1	65
46	Reduction of carbonyl groups by high-valent rhenium oxides. <i>Journal of Molecular Catalysis A</i> , 2005, 236, 107-112.	4.8	64
47	Dioxomolybdenum(vi) complexes as catalysts for the hydrosilylation of aldehydes and ketones. <i>Dalton Transactions</i> , 2006, , 1842-1846.	1.6	63
48	A chiral menthyl cyclopentadienyl molybdenum tricarbonyl chloro complex: Synthesis, heterogenization on MCM-41/MCM-48 and application in olefin epoxidation catalysis. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3137-3145.	0.8	63
49	Highly Efficient Reduction of Sulfoxides with the System Borane/Oxo-rhenium Complexes. <i>Organometallics</i> , 2010, 29, 5517-5525.	1.1	63
50	Synthesis, characterization, and reactions of tetrakis(nitrile)chromium(II) tetrafluoroborate complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1293-1298.	1.1	62
51	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
52	Characterization of a versatile organometallic pro-drug (CORM) for experimental CO based therapeutics. <i>Dalton Transactions</i> , 2013, 42, 5985-5998.	1.6	61
53	Examining the antimicrobial activity and toxicity to animal cells of different types of CO-releasing molecules. <i>Dalton Transactions</i> , 2016, 45, 1455-1466.	1.6	61
54	Ligand Dependence of the Indenyl Ring Slippage in [( $\eta$ -5-Ind)MoL <sub>2</sub> (CO) <sub>2</sub> ] <sub>0,+</sub> Complexes: An Experimental and Theoretical Studies. <i>Organometallics</i> , 1998, 17, 2597-2611.	1.1	59

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55	Mesoporous Silicas Modified with Dioxomolybdenum(VI) Complexes: Synthesis and Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2263-2270.	1.0	59
56	Alkyl- and Arylrhenium Trioxides. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 185-187.	4.4	58
57	Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen, CXIV. Organorhenium(VII)-oxide. <i>Chemische Berichte</i> , 1993, 126, 45-50.	0.2	58
58	New insights into the chemistry of fac-[Ru(CO) <sub>3</sub> ] <sup>2+</sup> fragments in biologically relevant conditions: The CO releasing activity of [Ru(CO) <sub>3</sub> Cl <sub>2</sub> (1,3-thiazole)], and the X-ray crystal structure of its adduct with lysozyme. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 285-291.	1.5	57
59	Therapeutic potential of carbon monoxide in multiple sclerosis. <i>Clinical and Experimental Immunology</i> , 2012, 167, 179-187.	1.1	55
60	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
61	Cationic η <sup>3</sup> -allyl complexes. 16. Isotactic oligomerization of styrene in the presence of a homogeneous nickel(II) catalyst. <i>Macromolecules</i> , 1989, 22, 998-1000.	2.2	51
62	Synthesis, bonding and dynamic behavior of fac-[Mo(II)(CO) <sub>2</sub> (η <sup>3</sup> -allyl)] derivatives. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 197-208.	0.8	51
63	Synthesis of <sup>13</sup> C-Butyrolactones by a Baeyer-Villiger Oxidation with Hydrogen Peroxide, Catalysed by Methyltrioxorhenium. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1767-1770.	1.2	49
64	Synthesis of mixed-ring indenyl analogues of tungstenocene. <i>Journal of Organometallic Chemistry</i> , 1995, 486, 155-161.	0.8	48
65	Synthesis and Catalytic Application of Octahedral Lewis Base Adducts of Dichloro and Dialkyl Dioxotungsten(VI). <i>Inorganic Chemistry</i> , 2002, 41, 4468-4477.	1.9	48
66	CpMo(CO) <sub>3</sub> Cl as a precatalyst for the epoxidation of olefins. <i>Catalysis Letters</i> , 2005, 101, 127-130.	1.4	48
67	The effect of the sixth sulfur ligand in the catalytic mechanism of periplasmic nitrate reductase. <i>Journal of Computational Chemistry</i> , 2009, 30, 2466-2484.	1.5	48
68	MoO <sub>2</sub> Cl <sub>2</sub> as a novel catalyst for Friedel-Crafts acylation and sulfonylation. <i>Tetrahedron Letters</i> , 2009, 50, 1407-1410.	0.7	48
69	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, 10595-10606.	6.6	47
70	Organotin Oxometalate Coordination Polymers as Catalysts for the Epoxidation of Olefins. <i>Journal of Catalysis</i> , 2002, 209, 237-244.	3.1	46
71	Cationic benzyl nickel complexes as homogeneous catalysts for styrene oligomerization. X-ray crystal structure of [Ni(η <sup>3</sup> -CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ][PF <sub>6</sub> ]. <i>CH<sub>2</sub>Cl<sub>2</sub></i> . <i>Polyhedron</i> , 1989, 8, 2449-2457.	1.0	45
72	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

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73	Molybdenum(vi) catalysts obtained from $\eta^3$ -allyl dicarbonyl precursors: Synthesis, characterization and catalytic performance in cyclooctene epoxidation. <i>Dalton Transactions</i> , 2012, 41, 3474.	1.6	45
74	Stepwise Synthesis of Molybdenocene and Mixed-Ring Indenyl Analogs. <i>Organometallics</i> , 1994, 13, 429-431.	1.1	43
75	Inhibition of Nitric Oxide-Induced Vasorelaxation by Carbon Monoxide-Releasing Molecules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2570-2576.	1.1	43
76	Carbon Monoxide Abrogates Ischemic Insult to Neuronal Cells via the Soluble Guanylate Cyclase-cGMP Pathway. <i>PLoS ONE</i> , 2013, 8, e60672.	1.1	43
77	Isospecific Oligo-/Polymerization of Styrene with Soluble Cationic Nickel Complexes. The Influence of Phosphorus(III) Ligands. <i>Macromolecules</i> , 1996, 29, 4172-4179.	2.2	42
78	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
79	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
80	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
81	Activation of B-H bonds by an oxo-rhenium complex. <i>Dalton Transactions</i> , 2008, , 6686.	1.6	40
82	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1989, 190, 2773-2787.	1.1	39
83	Multiple Bonds between Transition Metals and Main-Group Elements. 145. Coordination Chemistry of Dirhenium Heptaoxide: Covalent Adducts and "Ionic Perrhenyl-Perrhenates". <i>Inorganic Chemistry</i> , 1995, 34, 4701-4707.	1.9	39
84	Alkyl- and Arylrheniumtrioxide. <i>Angewandte Chemie</i> , 1991, 103, 183-185.	1.6	37
85	Multiple bonds between main-group elements and transition metals. <i>Journal of Organometallic Chemistry</i> , 1994, 481, 227-234.	0.8	37
86	Ring slippage in indenyl derivatives of molybdenum and tungsten. <i>Journal of Organometallic Chemistry</i> , 1996, 508, 169-181.	0.8	37
87	Encapsulation of half-sandwich complexes of molybdenum with $\eta^2$ -cyclodextrin. <i>Dalton Transactions RSC</i> , 2000, , 2964-2968.	2.3	37
88	Dioxo-molybdenum(VI) and -tungsten(VI) BINOL and alkoxide complexes: Synthesis and catalysis in sulfoxidation, olefin epoxidation and hydrosilylation of carbonyl groups. <i>Inorganica Chimica Acta</i> , 2008, 361, 1915-1921.	1.2	37
89	Cr( $\eta^3$ -C <sub>3</sub> H <sub>5</sub> ) <sub>2</sub> ( $\eta^5$ -C <sub>5</sub> H <sub>5</sub> ): preparation, structure and reactions. <i>Organometallics</i> , 1986, 5, 1268-1269.	1.1	36
90	Cyclopentadienyl molybdenum dicarbonyl $\eta^3$ -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of Cp <sub>2</sub> 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

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91	Chlorotrioxorhenium. Neue Synthesen, Reaktionen und Derivate. <i>Chemische Berichte</i> , 1994, 127, 47-54.	0.2	35
92	Interactions of Cationic and Neutral Molybdenum Complexes with $\beta$ -Cyclodextrin Host Molecules. <i>Organometallics</i> , 2001, 20, 2191-2197.	1.1	35
93	Organochromium $\pi$ -complexes. VI. The preparation of $Cp(\eta^3\text{-allyl})_2Cr$ compounds and their reactions with donor ligands. <i>Polyhedron</i> , 1993, 12, 2651-2662.	1.0	34
94	Oxorhenium Complexes as Aldehyde-Olefination Catalysts. <i>Chemistry - A European Journal</i> , 2004, 10, 6313-6321.	1.7	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	$\eta^3$ -Allyl complexes of molybdenum: the preparation and structure of $[Mo(\eta^3\text{-C}_3\text{H}_5)_2(\eta^5\text{-C}_5\text{H}_5)]$ . <i>Organometallics</i> , 1984, 3, 936-937.	1.1	32
97	Redox-Induced Indenyl Slippage in $[IndCpMoL_2]^{2+/+}/0$ Complexes. <i>Organometallics</i> , 1999, 18, 506-515.	1.1	32
98	Synthesis and Structural Characterization of Novel Oxorhenium(V) Complexes Containing N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3305-3309.	1.0	32
99	$MoO_2Cl_2$ as a novel catalyst for the synthesis of $\alpha$ -aminophosphonates. <i>Catalysis Communications</i> , 2011, 12, 337-340.	1.6	32
100	Cation Exchange Strategy for the Encapsulation of a Photoactive CO-Releasing Organometallic Molecule into Anionic Porous Frameworks. <i>Inorganic Chemistry</i> , 2016, 55, 6525-6531.	1.9	32
101	Coordination Modulation Method To Prepare New Metal-Organic Framework-Based CO-Releasing Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31158-31167.	4.0	31
102	Nitrile complexes of dicyclopentadienyl-molybdenum and -tungsten: preparation and reactivity. The structure of di- $\eta^5$ -cyclopentadienyliodoacetone nitrile-molybdenum(IV) hexafluorophosphate, $[Mo(\eta^5\text{-C}_5\text{H}_5)_2I(NCCH_3)]PF_6$ . <i>Journal of Organometallic Chemistry</i> , 1987, 320, 63-81.	0.8	30
103	Synthesis and reactivity of molybdenocene isocyanide complexes; crystal structure of $(\eta^5\text{-C}_5\text{H}_5)_2MoCNtBu$ . <i>Journal of Organometallic Chemistry</i> , 1992, 423, 367-390.	0.8	30
104	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
105	Nucleophilic and electrophilic reactions of C <sub>5</sub> cyclo-polyenes coordinated to the $[CpMoL_2]^{n+}$ fragment (n = 1,2; L = 1/2dppe, PMe <sub>3</sub> , P(OMe) <sub>3</sub> , CO). <i>Journal of Organometallic Chemistry</i> , 1997, 544, 257-276.	0.8	28
106	Synthesis and spectroscopic characterisation of binuclear molybdenum-rhenium complexes. <i>Polyhedron</i> , 1998, 17, 1091-1102.	1.0	28
107	Multiple bonds between main group elements and transition metals, 155. (Hexamethylphosphoramide) methyl(oxo) bis( $\eta^2$ -peroxo)rhenium(VII), the first example of an anhydrous rhenium peroxo complex: crystal structure and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 1996, 520, 139-142.	0.8	27
108	Molybdenum(II) Diido-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

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109	Aluminum Doped MCM-41 Nanoparticles as Platforms for the Dual Encapsulation of a CO-Releasing Molecule and Cisplatin. <i>Inorganic Chemistry</i> , 2017, 56, 10474-10480.	1.9	27
110	Mehrfachbindungen zwischen Hauptgruppenelementen und 1/4bergangsmetallen CXLVIII. Alkylrhenium(VII)-oxideâ€”Synthese, eigenschaften und abbaureaktionen. <i>Journal of Organometallic Chemistry</i> , 1995, 495, 209-213.	0.8	26
111	Structural Studies of Î²-Cyclodextrin and Permethylated Î²-Cyclodextrin Inclusion Compounds of Cyclopentadienyl Metal Carbonyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1662-1669.	1.0	26
112	Chemoselective Sulfide and Sulfoxide Oxidations by CpMo(CO) <sub>3</sub> Cl/HOOR: a DFT Mechanistic Study. <i>Organometallics</i> , 2011, 30, 1454-1465.	1.1	26
113	Mehrfachbindungen zwischen Hauptgruppenelementen und 1/4bergangsmetallen. <i>Journal of Organometallic Chemistry</i> , 1991, 413, 11-25.	0.8	25
114	Lewis base adducts of halogenrhenium(VII) oxides: 17O NMR spectroscopy, structural aspects and catalysis. <i>Inorganica Chimica Acta</i> , 1998, 279, 44-50.	1.2	25
115	Multiple Bonds between Main-Group Elements and Transition Metals. 123. Re-C Bond Homolysis in Alkyl- and Arylrhenium Trioxides: A Qualitative MO Interpretation. <i>Inorganic Chemistry</i> , 1994, 33, 1139-1143.	1.9	24
116	Influence of Cyclodextrins on Catalytic Olefin Epoxidation with Metalâ€”Carbonyl Compounds. Crystal Structure of the TRIMEB Complex with CpFe(CO) <sub>2</sub> Cl. <i>Organometallics</i> , 2007, 26, 6857-6863.	1.1	24
117	Phase Equilibria of Haloalkanes Dissolved in Ethylsulfate- or Ethylsulfonate-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7329-7337.	1.2	24
118	Syntheses, electrochemistry, and bonding of bis(cyclopentadienyl)molybdenum alkyl complexes. Molecular structure of Mo(.eta.5-C5H5) <sub>2</sub> (C4H9) <sub>2</sub> . Thermochemistry of Mo(.eta.5-C5H5) <sub>2</sub> R <sub>2</sub> and Mo(.eta.5-C5H5) <sub>2</sub> L (R = CH <sub>3</sub> , C <sub>2</sub> H <sub>5</sub> , C <sub>4</sub> H <sub>9</sub> ; L = ethylene, diphenylacetylene). <i>Organometallics</i> , 1991, 10, 483-494.	1.1	23
119	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.	1.4	23
120	Ring-Functionalized Molybdenocene Complexes. <i>Organometallics</i> , 2009, 28, 2871-2879.	1.1	23
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