

# Carlos C Romo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

205  
papers

8,221  
citations

52  
h-index

79  
g-index

220  
ext. papers

8,641  
ext. citations

4.4  
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5.68  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 205 | Carbon Monoxide Modulation of Microglia-Neuron Communication: Anti-Neuroinflammatory and Neurotrophic Role. <i>Molecular Neurobiology</i> , <b>2021</b> , 1   | 6.2  | 1         |
| 204 | Carbon Monoxide-Neuroglobin Axis Targeting Metabolism Against Inflammation in BV-2 Microglial Cells. <i>Molecular Neurobiology</i> , <b>2021</b> , 59, 916  | 6.2  | 2         |
| 203 | One-Pot Intercalation Strategy for the Encapsulation of a CO-Releasing Organometallic Molecule in a Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 2726-2736  | 2.3  | 3         |
| 202 | Improving the Anti-inflammatory Response via Gold Nanoparticle Vectorization of CO-Releasing Molecules. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 1090-1101  | 5.5  | 9         |
| 201 | Metabolomics of Treated with the Antimicrobial Carbon Monoxide-Releasing Molecule CORM-3 Reveals Tricarboxylic Acid Cycle as Major Target. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,   | 5.9  | 9         |
| 200 | Efficient Isomerization of $\beta$ -Pinene Oxide to Campholenic Aldehyde Promoted by a Mixed-Ring Analogue of Molybdenocene. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 13639-13645  | 8.3  | 6         |
| 199 | Acid-catalyzed epoxide alcoholysis in the presence of indenyl molybdenum carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 855, 12-17  | 2.3  | 4         |
| 198 | Study of the interactions of bovine serum albumin with a molybdenum(II) carbonyl complex by spectroscopic and molecular simulation methods. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204624  | 3.7  | 9         |
| 197 | Coordination Modulation Method To Prepare New Metal-Organic Framework-Based CO-Releasing Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 31158-31167   | 9.5  | 22        |
| 196 | Aluminum Doped MCM-41 Nanoparticles as Platforms for the Dual Encapsulation of a CO-Releasing Molecule and Cisplatin. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 10474-10480  | 5.1  | 19        |
| 195 | The Carbon monoxide releasing molecule ALF-186 mediates anti-inflammatory and neuroprotective effects via the soluble guanylate cyclase $\beta$ in rats' retinal ganglion cells after ischemia and reperfusion injury. <i>Journal of Neuroinflammation</i> , <b>2017</b> , 14, 130          | 10.1 | 18        |
| 194 | Cation Exchange Strategy for the Encapsulation of a Photoactive CO-Releasing Organometallic Molecule into Anionic Porous Frameworks. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6525-31   | 5.1  | 25        |
| 193 | Examining the antimicrobial activity and toxicity to animal cells of different types of CO-releasing molecules. <i>Dalton Transactions</i> , <b>2016</b> , 45, 1455-66  | 4.3  | 48        |
| 192 | Novel indenyl ligands bearing electron-withdrawing functional groups. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 245-256   | 3.6  | 5         |
| 191 | Comparing spectroscopic and electrochemical properties of complexes of type $\text{Cp}^*(\text{B-C}_3\text{H}_5)(\text{CO})_2$ ( $\text{Cp}^* = \text{Cp}$ , Ind, Flu): A complementary experimental and DFT study. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 792, 154-166 | 2.3  | 6         |
| 190 | A contribution to the rational design of $\text{Ru}(\text{CO})_3\text{Cl}_2\text{L}$ complexes for in vivo delivery of CO. <i>Dalton Transactions</i> , <b>2015</b> , 44, 5058-75   | 4.3  | 50        |
| 189 | Spontaneous CO Release from $\text{Ru}(\text{CO})_2$ Protein Complexes in Aqueous Solution, Cells, and Mice. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 1188-1191  | 3.6  | 24        |

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| 188 | An N-Acetyl Cysteine Ruthenium Tricarbonyl Conjugate Enables Simultaneous Release of CO and Ablation of Reactive Oxygen Species. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14708-12  | 4.8  | 14  |
| 187 | An artificial CO-releasing metalloprotein built by histidine-selective metallation. <i>Chemical Communications</i> , <b>2015</b> , 51, 3993-6  | 5.8  | 20  |
| 186 | Spontaneous CO release from Ru(II)(CO) <sub>2</sub> -protein complexes in aqueous solution, cells, and mice. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1172-5   | 16.4 | 102 |
| 185 | Application of an indenyl molybdenum dicarbonyl complex in the isomerisation of $\alpha$ -pinene oxide to campholenic aldehyde. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 3172   | 3.6  | 9   |
| 184 | Metal Carbonyl Prodrugs: CO Delivery and Beyond <b>2014</b> , 165-202  |      | 2   |
| 183 | Use of Organomolybdenum Compounds for Promoted Hydrolysis of Phosphoester Bonds in Aqueous Media. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3681-3689   | 2.3  | 5   |
| 182 | Synthesis, Characterisation and Antiproliferative Studies of Allyl(dicarbonyl)(cyclopentadienyl)molybdenum Complexes and Cyclodextrin Inclusion Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 5034-5045  | 2.3  | 8   |
| 181 | The effect of specific modifications of the amine ligands on the solubility, stability, CO release to myoglobin and whole blood, cell toxicity and haemolytic index of [Mo(CO) <sub>4</sub> (NR <sub>3</sub> ) <sub>2</sub> ] complexes. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 760, 89-100                | 2.3  | 6   |
| 180 | Intercalation of a molybdenum $\eta$ -allyl dicarbonyl complex in a layered double hydroxide and catalytic performance in olefin epoxidation. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8231-8240   | 4.3  | 19  |
| 179 | Characterization of a versatile organometallic pro-drug (CORM) for experimental CO based therapeutics. <i>Dalton Transactions</i> , <b>2013</b> , 42, 5985-98  | 4.3  | 52  |
| 178 | Carbon monoxide abrogates ischemic insult to neuronal cells via the soluble guanylate cyclase-cGMP pathway. <i>PLoS ONE</i> , <b>2013</b> , 8, e60672  | 3.7  | 42  |
| 177 | Molybdenum(VI) catalysts obtained from $\eta$ -allyl dicarbonyl precursors: synthesis, characterization and catalytic performance in cyclooctene epoxidation. <i>Dalton Transactions</i> , <b>2012</b> , 41, 3474-84   | 4.3  | 43  |
| 176 | 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. <i>Organometallics</i> , <b>2012</b> , 31, 5810-5822  | 3.8  | 69  |
| 175 | Molybdenum(II) Diiodo-Tricarbonyl Complexes Containing Nitrogen Donor Ligands as Catalyst Precursors for the Epoxidation of Methyl Oleate. <i>Catalysis Letters</i> , <b>2012</b> , 142, 1218-1224   | 2.8  | 25  |
| 174 | Developing drug molecules for therapy with carbon monoxide. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 3571-3585  | 18.5 | 346 |
| 173 | Highly efficient rhenium-catalyzed deoxygenation of sulfoxides without adding any reducing agent. <i>Tetrahedron</i> , <b>2012</b> , 68, 8194-8197   | 2.4  | 21  |
| 172 | New insights into the chemistry of fac-[Ru(CO) <sub>3</sub> ] <sup>+</sup> fragments in biologically relevant conditions: the CO releasing activity of [Ru(CO) <sub>3</sub> (1,3-thiazole)], and the X-ray crystal structure of its adduct with lysozyme. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 117, 285-91 | 4.2  | 51  |
| 171 | Therapeutic potential of carbon monoxide in multiple sclerosis. <i>Clinical and Experimental Immunology</i> , <b>2012</b> , 167, 179-87  | 6.2  | 49  |

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| 170 | Isomerisation of $\beta$ -pinene oxide in the presence of indenyl allyl dicarbonyl molybdenum(II) and tungsten(II) complexes. <i>Catalysis Communications</i> , <b>2012</b> , 23, 58-61   | 3.2  | 13  |
| 169 | A novel carbon monoxide-releasing molecule fully protects mice from severe malaria. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 1281-90  | 5.9  | 76  |
| 168 | Rhenium: Organometallic Chemistry <b>2011</b> ,   |      | 1   |
| 167 | CORM-3 reactivity toward proteins: the crystal structure of a Ru(II) dicarbonyl-lysozyme complex. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 1192-5   | 16.4 | 160 |
| 166 | MoO <sub>2</sub> Cl <sub>2</sub> as a novel catalyst for the synthesis of $\beta$ -aminophosphonates. <i>Catalysis Communications</i> , <b>2011</b> , 12, 337-340   | 3.2  | 28  |
| 165 | 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> , <b>2011</b> , 163, 368-74   | 6.2  | 57  |
| 164 | Chemoselective Sulfide and Sulfoxide Oxidations by CpMo(CO) <sub>3</sub> Cl/HOOR: a DFT Mechanistic Study. <i>Organometallics</i> , <b>2011</b> , 30, 1454-1465   | 3.8  | 24  |
| 163 | Indenyl ring slippage in crown thioether complexes [IndMo(CO) <sub>2</sub> L] <sup>+</sup> and C-S activation of trithiacyclononane: experimental and theoretical studies. <i>Dalton Transactions</i> , <b>2011</b> , 40, 10513-25  | 4.3  | 17  |
| 162 | Reaction of Spiro[2.4]hepta-4,6-diene with Molybdenum(II) Indenyl Compounds: Effects of Substitution in the Indenyl Ligand. <i>Organometallics</i> , <b>2011</b> , 30, 717-725  | 3.8  | 15  |
| 161 | Water as efficient medium for mild decarbonylation of tertiary aldehydes. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 2803-2807  | 2    | 9   |
| 160 | Inhibition of nitric oxide-stimulated vasorelaxation by carbon monoxide-releasing molecules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2570-6   | 9.4  | 37  |
| 159 | cis-Di- $\beta$ -oxido-bis-[(N,N-diethyl-dithio-carbamato- $\beta$ ,S')oxidomolybdenum(V)](Mo-Mo) tetra-hydro-furan monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m288-9   |      | 1   |
| 158 | Towards improved therapeutic CORMs: understanding the reactivity of CORM-3 with proteins. <i>Current Medicinal Chemistry</i> , <b>2011</b> , 18, 3361-6   | 4.3  | 59  |
| 157 | Reactive oxygen species mediate bactericidal killing elicited by carbon monoxide-releasing molecules. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 26708-17  | 5.4  | 97  |
| 156 | Highly Efficient Reduction of Sulfoxides with the System Borane/Oxo-rhenium Complexes $\square$ <i>Organometallics</i> , <b>2010</b> , 29, 5517-5525  | 3.8  | 61  |
| 155 | Phase equilibria of haloalkanes dissolved in ethylsulfate- or ethylsulfonate-based ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 7329-37   | 3.4  | 23  |
| 154 | Molybdenum complexes containing substituted cyclopenta[1]phenanthrenyl ligand. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 680-686  | 2.3  | 6   |
| 153 | Cyclopentadienyl molybdenum dicarbonyl $\beta$ -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of Cp <sup>*</sup> Mo(CO) <sub>2</sub> ( $\beta$ -C <sub>3</sub> H <sub>5</sub> ) (Cp <sup>*</sup> = $\eta$ -C <sub>5</sub> H <sub>4</sub> Me, $\beta$ -C <sub>5</sub> Me <sub>5</sub> ). <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 2311-2319 | 2.3  | 34  |

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| 152 | The role of cyclopentadienyl versus indenyl in Mo(II) spirodiene complexes reactivity: A DFT mechanistic study. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 555-561   | 2.7 | 6   |
| 151 | Improved preparation of indenyl molybdenum(II) and tungsten(II) compounds. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 1601-1603  | 2.7 | 3   |
| 150 | A novel method for the reduction of alkenes using the system silane/oxo-rhenium complexes. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 1048-1051   | 2   | 16  |
| 149 | The effect of the sixth sulfur ligand in the catalytic mechanism of periplasmic nitrate reductase. <i>Journal of Computational Chemistry</i> , <b>2009</b> , 30, 2466-84  | 3.5 | 46  |
| 148 | MoO <sub>2</sub> Cl <sub>2</sub> as a novel catalyst for Friedel-Crafts acylation and sulfonylation. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 1407-1410   | 2   | 44  |
| 147 | Ring-Functionalized Molybdenocene Complexes. <i>Organometallics</i> , <b>2009</b> , 28, 2871-2879   | 3.8 | 22  |
| 146 | Heterometallic complexes involving iron(II) and rhenium(VII) centers connected by mu-oxido bridges. <i>Dalton Transactions</i> , <b>2009</b> , 10199-207  | 4.3 | 6   |
| 145 | MoO <sub>2</sub> Cl <sub>2</sub> as a Novel Catalyst for C-B Bond Formation and for Hydrophosphonylation of Aldehydes. <i>Organometallics</i> , <b>2009</b> , 28, 6206-6212   | 3.8 | 71  |
| 144 | Highly chemo- and regioselective reduction of aromatic nitro compounds using the system silane/oxo-rhenium complexes. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 6960-4  | 4.2 | 114 |
| 143 | Activation of B-H bonds by an oxo-rhenium complex. <i>Dalton Transactions</i> , <b>2008</b> , 6686-8  | 4.3 | 38  |
| 142 | Synthesis of Tris(N,N-dimethylthiocarbamoyl)-1,1,1-tris-(methylaminomethyl)ethane and Its Application as Ligand for Pauson-Khand Reaction. <i>Synthetic Communications</i> , <b>2008</b> , 38, 2761-2767                                | 1.7 | 5   |
| 141 | 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. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 4708-4712                             | 2   | 78  |
| 140 | Periplasmic nitrate reductase revisited: a sulfur atom completes the sixth coordination of the catalytic molybdenum. <i>Journal of Biological Inorganic Chemistry</i> , <b>2008</b> , 13, 737-53  | 3.7 | 86  |
| 139 | Synthesis, characterization and antitumor activity of 1,2-disubstituted ferrocenes and cyclodextrin inclusion complexes. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 675-684  | 2.3 | 36  |
| 138 | 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> , <b>2008</b> , 361, 1915-1921 | 2.7 | 36  |
| 137 | Hydrogen activation by high-valent oxo-molybdenum(VI) and -rhenium(VII) and -(V) compounds. <i>Dalton Transactions</i> , <b>2008</b> , 1727-33  | 4.3 | 71  |
| 136 | Haptotropic Shifts and Fluxionality of Cyclopentadienyl in Mixed-Hapticity Complexes: A DFT Mechanistic Study. <i>Organometallics</i> , <b>2007</b> , 26, 1777-1781   | 3.8 | 12  |
| 135 | Catalyzing aldehyde hydrosilylation with a molybdenum(VI) complex: a density functional theory study. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3934-41   | 4.8 | 66  |

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| 134 | Synthesis, Characterization and Stability of Spirodiene Complexes of Molybdenum(II): New Route to ansa-Molybdenocene and Ring-Functionalized Molybdenocene Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2827-2838               | 2.3 | 17  |
| 133 | Reduction of sulfoxides with boranes catalyzed by MoO <sub>2</sub> Cl <sub>2</sub> . <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 9176-9179  | 2   | 77  |
| 132 | Reduction of amides with silanes catalyzed by MoO <sub>2</sub> Cl <sub>2</sub> . <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 272, 60-63  |     | 96  |
| 131 | Synthesis and structural characterization of new mixed-ring indenyl derivatives of molybdenum containing phosphorus ligands. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 1593-1600   | 2.3 | 3   |
| 130 | Structural and Catalytic Studies of a Trimethyltin Vanadate Coordination Polymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2007</b> , 17, 215-222  | 3.2 | 5   |
| 129 | Characterization of a chiral menthylmethyltin molybdate and its use as an olefin epoxidation catalyst. <i>Catalysis Letters</i> , <b>2007</b> , 114, 103-109   | 2.8 | 3   |
| 128 | Antimicrobial action of carbon monoxide-releasing compounds. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 4303-7   | 5.9 | 135 |
| 127 | Loading and delivery of sertraline using inorganic micro and mesoporous materials. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2007</b> , 66, 357-65  | 5.7 | 95  |
| 126 | Influence of Cyclodextrins on Catalytic Olefin Epoxidation with Metal Carbonyl Compounds. Crystal Structure of the TRIMEB Complex with CpFe(CO) <sub>2</sub> Cl. <i>Organometallics</i> , <b>2007</b> , 26, 6857-6863  | 3.8 | 21  |
| 125 | Structural Studies of $\beta$ -Cyclodextrin and Permethylated $\beta$ -Cyclodextrin Inclusion Compounds of Cyclopentadienyl Metal Carbonyl Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 1662-1669                               | 2.3 | 24  |
| 124 | Photochemistry of Methyltrioxorhenium Revisited: A DFT/TD-DFT and CASSCF/MS-CASPT2 Theoretical Study. <i>Organometallics</i> , <b>2006</b> , 25, 5235-5241   | 3.8 | 11  |
| 123 | Dioxomolybdenum(VI) complexes as catalysts for the hydrosilylation of aldehydes and ketones. <i>Dalton Transactions</i> , <b>2006</b> , 1842-6   | 4.3 | 57  |
| 122 | Olefin epoxidation with tert-butyl hydroperoxide catalyzed by MoO <sub>2</sub> X <sub>2</sub> L complexes: a DFT mechanistic study. <i>Dalton Transactions</i> , <b>2006</b> , 1383-9  | 4.3 | 80  |
| 121 | Ring Slippage vs Charge Transfer in the Reductive Chemistry of [IndMo(CO) <sub>2</sub> ( $\eta$ -Diimine)] <sup>+</sup> Cations. <i>Organometallics</i> , <b>2006</b> , 25, 5223-5234  | 3.8 | 9   |
| 120 | Rhenium: Organometallic Chemistry <b>2006</b> ,  |     | 1   |
| 119 | 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> , <b>2006</b> , 253, 96-98   |     | 101 |
| 118 | $\beta$ -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> , <b>2006</b> , 359, 4757-4764 | 2.7 | 28  |
| 117 | Structural preferences of cyclopentadienyl and indenyl rings in iridium(I) carbene complexes. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 4446-4458  | 2.3 | 20  |

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| 116 | 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> , <b>2006</b> , 691, 3137-3145   | 2.3 | 54  |
| 115 | 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> , <b>2006</b> , 249, 166-171  |     | 18  |
| 114 | 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> , <b>2006</b> , 62, 9650-9654  | 2.4 | 125 |
| 113 | [MoO <sub>2</sub> Cl <sub>2</sub> ] as catalyst for hydrosilylation of aldehydes and ketones. <i>Chemical Communications</i> , <b>2005</b> , 213-4   | 5.8 | 102 |
| 112 | Synthesis of ferrocenyldiimine metal carbonyl complexes and an investigation of the Mo adduct encapsulated in cyclodextrin. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 347-354  | 3.6 | 23  |
| 111 | Mononuclear and Binuclear Cyclopentadienyl Oxo Molybdenum and Tungsten Complexes: Syntheses and Applications in Olefin Epoxidation Catalysis. <i>Organometallics</i> , <b>2005</b> , 24, 2582-2589   | 3.8 | 79  |
| 110 | Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 227, 67-73  |     | 37  |
| 109 | Reduction of carbonyl groups by high-valent rhenium oxides. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 236, 107-112   |     | 60  |
| 108 | Synthesis and characterization of the inclusion compound of a ferrocenyldiimine dioxomolybdenum complex with heptakis-2,3,6-tri-O-methyl- $\beta$ -cyclodextrin. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 981-988                       | 2.7 | 28  |
| 107 | Organotin-oxomolybdate coordination polymers as catalysts for the epoxidation of cyclooctene. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 238, 51-55   |     | 9   |
| 106 | Catalytic olefin epoxidation with cyclopentadienylmolybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 47-52   | 2   | 63  |
| 105 | A novel method for the reduction of imines using the system silane/MoO <sub>2</sub> Cl <sub>2</sub> . <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 8881-8883   | 2   | 90  |
| 104 | Kinetics of Cyclooctene Epoxidation with tert-Butyl Hydroperoxide in the Presence of [MoO <sub>2</sub> X <sub>2</sub> L]-Type Catalysts (L = Bidentate Lewis Base). <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 1716-1723 | 2.3 | 68  |
| 103 | Synthesis and reactivity of mixed-ring indenyl complexes of molybdenocene. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 1718-1725   | 2.3 | 2   |
| 102 | Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 236, 1-6   |     | 42  |
| 101 | CpMo(CO) <sub>3</sub> Cl as a precatalyst for the epoxidation of olefins. <i>Catalysis Letters</i> , <b>2005</b> , 101, 127-130  | 2.8 | 46  |
| 100 | Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 218, 5-11  |     | 60  |
| 99  | Synthesis and Structural Characterization of Novel Oxorhenium(V) Complexes Containing N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 3305-3309  | 2.3 | 31  |

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| 98 | 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> , <b>2004</b> , 2004, 4914-4920   | 2.3  | 39  |
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