

Maria R Pedrosa

List of Publications by Year in descending order

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papers

1,011
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516710

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#	ARTICLE	IF	CITATIONS
1	Dioxomolybdenum(VI)-Catalyzed Reductive Cyclization of Nitroaromatics. Synthesis of Carbazoles and Indoles. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 713-718.	4.3	141
2	Reductive Molybdenum(VI)-Catalyzed Direct Amination of Boronic Acids with Nitro Compounds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2129-2133.	13.8	83
3	Pinacol as a New Green Reducing Agent: Molybdenum(VI)-Catalyzed Chemoselective Reduction of Sulfoxides and Nitroaromatics. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 321-327.	4.3	79
4	Simple and Selective Oxidation of Thiols to Disulfides with Dimethylsulfoxide Catalyzed by Dichlorodioxomolybdenum(VI). <i>Synthesis</i> , 2002, 2002, 856-858.	2.3	71
5	Deoxygenation of N-Oxides with Triphenylphosphine, Catalyzed by Dichlorodioxomolybdenum(VI). <i>Synlett</i> , 2005, 2005, 1389-1392.	1.8	70
6	Applications of Dioxomolybdenum(VI) Complexes to Organic Synthesis. <i>Current Organic Synthesis</i> , 2009, 6, 239-263.	1.3	66
7	An unprecedented use for glycerol: chemoselective reducing agent for sulfoxides. <i>Green Chemistry</i> , 2013, 15, 999.	9.0	65
8	Molybdenum-Catalyzed Synthesis of Nitrogenated Polyheterocycles from Nitroarenes and Glycols with Reuse of Waste Reduction Byproduct. <i>Organic Letters</i> , 2017, 19, 5470-5473.	4.6	61
9	A selective, efficient and environmentally friendly method for the oxidative cleavage of glycols. <i>Green Chemistry</i> , 2016, 18, 2335-2340.	9.0	53
10	Addition compounds of dichlorodioxomolybdenum(VI) with sulfoxides. Molecular structure of [MoO ₂ Cl ₂ (Me ₂ SO) ₂]. <i>Inorganica Chimica Acta</i> , 2003, 347, 33-40.	2.4	50
11	Synthesis, characterization and catalytic activity of addition compounds of dioxomolybdenum(VI) pyridine-2,6-dicarboxylate. Crystal structure of MoO ₂ (dipic)(L) (L=DMF, DMSO, OPPh ₃). <i>Polyhedron</i> , 2000, 19, 2141-2147.	2.2	43
12	Molybdenum(VI)-Catalyzed Sustainable FriedlÄnder Synthesis of Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2216-2220.	4.3	35
13	Molybdenum(VI)-Catalyzed Deoxygenation of Heteroaromatic N-Oxides and Hydroxides using Pinacol as Reducing Agent. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1752-1757.	4.3	27
14	Binuclear oxomolybdenum(V) chlorides: Molecular structure of Mo ₂ O ₄ Cl ₂ (DMF) ₄ and Mo ₂ O ₄ Cl ₂ (bipy) ₂ ·DMF. <i>Polyhedron</i> , 2007, 26, 3842-3848.	2.2	23
15	Polyoxometallate-Thiosemicarbazone Hybrid Compounds. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4513-4525.	2.0	18
16	Addition compounds of MoO ₂ Br ₂ from MoO ₂ Br ₂ (H ₂ O) ₂ . Molecular structure of MoO ₂ Br ₂ {OP[N(CH ₃) ₂] ₃ } ₂ and MoO ₂ Br ₂ {CH ₂ [P(O)(C ₆ H ₅) ₂] ₂ }. <i>Polyhedron</i> , 2002, 21, 1635-1642.	2.2	16
17	Unprecedented Rearrangement of Molybdenum(VI) Oxide to (1/4-Oxido)bis[dioxidomolybdenum(VI)] Hexamolybdate. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3952-3954.	2.0	14
18	Reductive Molybdenum(VI)-Catalyzed Direct Amination of Boronic Acids with Nitro Compounds. <i>Angewandte Chemie</i> , 2019, 131, 2151-2155.	2.0	13

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19	Outer-sphere addition compounds of MoO ₂ Br ₂ (H ₂ O) ₂ with ethers. Molecular structure of MoO ₂ Br ₂ (H ₂ O) ₂ ·L (L=2,5,8-trioxanonane; 2,5,8,11,14-pentaoxapentadecane). Polyhedron, 2001, 20, 2781-2785.	2.2	12
20	Dioxomolybdenum(VI) thionates: molecular structure of dioxobis(pyridine-2-thiolate-N,S)molybdenum(VI). Polyhedron, 2004, 23, 537-543.	2.2	12
21	Dinuclear oxomolybdenum(VI) acetylacetonates: Crystal and molecular structure of Mo ₂ O ₅ (acac) ₂ L ₂ (L=D ₂ O, DMF). Polyhedron, 2007, 26, 3695-3702.	2.2	12
22	Mo-catalyzed One-Pot Synthesis of <i>N</i> -Polyheterocycles from Nitroarenes and Glycols with Recycling of the Waste Reduction Byproduct. Substituent-Tuned Photophysical Properties. Chemistry - A European Journal, 2021, 27, 13613-13623.	3.3	12
23	A practical and chemoselective Mo-catalysed sulfoxide reduction protocol using a 3-mercaptopropyl-functionalized silica gel (MPS). RSC Advances, 2016, 6, 27083-27086.	3.6	10
24	Synthesis and Crystal Structure of a [Mo ₈ O ₂₆] ₄ - Cluster Derivative with 4-MePyH ⁺ . First β -2-Octamolybdate Derivative with π - π Stacking. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1995-1999.	1.2	7
25	Synthesis, crystal structure and reactivity of a new pentacoordinated chiral dioxomolybdenum(VI) complex. Polyhedron, 2010, 29, 841-849.	2.2	5
26	Addition compounds of MoO ₂ Cl ₂ with chiral sulfoxides. First molecular structures of dioxomolybdenum complexes bearing chiral non-racemic sulfoxide as ligand. Inorganica Chimica Acta, 2010, 363, 3158-3164.	2.4	4
27	Organometallic and Coordination Complexes. Inorganic Syntheses, 2004, , 49-95.	0.3	3
28	Microscale Transformations of Some Lead Compounds. A Cycle for Lead Minimizing the Production of Wastes. Journal of Chemical Education, 1999, 76, 1687.	2.3	2
29	Phyllosilicate-content influence on the spectroscopic properties and antioxidant capacity of Iberian Cretaceous clays. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 251, 119472.	3.9	2
30	Deoxygenation of N-Oxides with Triphenylphosphine, Catalyzed by Dichlorodioxomolybdenum(VI).. ChemInform, 2005, 36, no.	0.0	1
31	Simple and Selective Oxidation of Thiols to Disulfides with Dimethylsulfoxide Catalyzed by Dichlorodioxomolybdenum(VI).. ChemInform, 2002, 33, 90-90.	0.0	1
32	Lead globules. Journal of Chemical Education, 1998, 75, 1431.	2.3	0
33	Inertization of aluminum powder for industrial reuse avoiding its oxidation. Coating processes without interferences in subsequent applications. Powder Technology, 2015, 286, 212-217.	4.2	0