Maria R Pedrosa

List of Publications by Year
in descending order

33 papers	1,011 citations	516710 16 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	983 citing authors

#	Article	IF	Citations
1	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
2	Moâ€“Catalyzed Oneâ€Pot Synthesis of Nâ€Polyheterocycles from Nitroarenes and Glycols with Recycling of the Waste Reduction Byproduct. Substituentâ€Tuned Photophysical Properties. Chemistry - A European Journal, 2021, 27, 13613-13623.	3.3	12
3	Reductive Molybdenumâ€Catalyzed Direct Amination of Boronic Acids with Nitro Compounds. Angewandte Chemie, 2019, 131, 2151-2155.	2.0	13
4	Reductive Molybdenumâ€Catalyzed Direct Amination of Boronic Acids with Nitro Compounds. Angewandte Chemie - International Edition, 2019, 58, 2129-2133.	13.8	83
5	Molybdenumâ€Catalyzed Sustainable FriedlÃnder Synthesis of Quinolines. Advanced Synthesis and Catalysis, 2018, 360, 2216-2220.	4.3	35
6	Molybdenumâ€Catalyzed Deoxygenation of Heteroaromatic Nâ€Oxides and Hydroxides using Pinacol as Reducing Agent. Advanced Synthesis and Catalysis, 2017, 359, 1752-1757.	4.3	27
7	Molybdenum-Catalyzed Synthesis of Nitrogenated Polyheterocycles from Nitroarenes and Glycols with Reuse of Waste Reduction Byproduct. Organic Letters, 2017, 19, 5470-5473.	4.6	61
8	A selective, efficient and environmentally friendly method for the oxidative cleavage of glycols. Green Chemistry, 2016, 18, 2335-2340.	9.0	53
9	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
10	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
11	An unprecedented use for glycerol: chemoselective reducing agent for sulfoxides. Green Chemistry, 2013, 15, 999.	9.0	65
12	Pinacol as a New Green Reducing Agent: Molybdenumâ€•Catalyzed Chemoselective Reduction of Sulfoxides and Nitroaromatics. Advanced Synthesis and Catalysis, 2012, 354, 321-327.	4.3	79
13	Polyoxometallateâ€“Thiosemicarbazone Hybrid Compounds. European Journal of Inorganic Chemistry, 2010, 2010, 4513-4525.	2.0	18
14	Synthesis, crystal structure and reactivity of a new pentacoordinated chiral dioxomolybdenum(VI) complex. Polyhedron, 2010, 29, 841-849.	2.2	5
15	Addition compounds of MoO2Cl2 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
16	Applications of Dioxomolybdenum(VI) Complexes to Organic Synthesis. Current Organic Synthesis, 2009, 6, 239-263.	1.3	66
17	Dioxomolybdenum(VI)-Catalyzed Reductive Cyclization of Nitroaromatics. Synthesis of Carbazoles and Indoles. Advanced Synthesis and Catalysis, 2007, 349, 713-718.	4.3	141
18	Unprecedented Rearrangement of Molybdenum(VI) Oxide to (Î¼2-Oxido)bis[dioxidomolybdenum(VI)] Hexamolybdate. European Journal of Inorganic Chemistry, 2007, 2007, 3952-3954.	2.0	14

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19	Dinuclear oxomolybdenum(VI) acetylacetonates: Crystal and molecular structure of Mo2O5(acac)2L2 (L=D2O, DMF). Polyhedron, 2007, 26, 3695-3702.	2.2	12
20	Binuclear oxomolybdenum(V) chlorides: Molecular structure of Mo2O4Cl2(DMF)4 and Mo2O4Cl2(bipy)2Â·DMF. Polyhedron, 2007, 26, 3842-3848.	2.2	23
21	Deoxygenation of N-Oxides with Triphenylphosphine, Catalyzed by Dichlorodioxomolybdenum(VI).. ChemInform, 2005, 36, no.	0.0	1
22	Synthesis and Crystal Structure of a [Mo8O26]4- Cluster Derivative with 4-MePyH+. First Î²-Octamolybdate Derivative with Ï€-Ï€ Stacking. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1995-1999.	1.2	7
23	Deoxygenation ofN-Oxides with Triphenylphosphine, Catalyzed by ÂÐichlorodioxomolybdenum(VI). Synlett, 2005, 2005, 1389-1392.	1.8	70
24	Organometallic and Coordination Complexes. Inorganic Syntheses, 2004, , 49-95.	0.3	3
25	Dioxomolybdenum(VI) thionates: molecular structure of dioxobis(pyridine-2-thiolate-N,S)molybdenum(VI). Polyhedron, 2004, 23, 537-543.	2.2	12
26	Addition compounds of dichlorodioxomolybdenum(VI) with sulfoxides. Molecular structure of [MoO2Cl2(Me2SO)2]. Inorganica Chimica Acta, 2003, 347, 33-40.	2.4	50
27	Simple and Selective Oxidation of Thiols to Disulfides with Dimethylsulfoxide Catalyzed by Dichlorodioxomolybdenum(VI). Synthesis, 2002, 2002, 856-858.	2.3	71
28	Addition compounds of MoO2Br2 from MoO2Br2(H2O)2. Molecular structure of MoO2Br2{OP[N(CH3)2]3}2 and MoO2Br2{CH2[P(O)(C6H5)2]2}. Polyhedron, 2002, 21, 1635-1642.	2.2	16
29	Simple and Selective Oxidation of Thiols to Disulfides with Dimethylsulfoxide Catalyzed by Dichlorodioxomolybdenum(VI).. ChemInform, 2002, 33, 90-90.	0.0	1
30	Outer-sphere addition compounds of MoO2Br2(H2O)2 with ethers. Molecular structure of MoO2Br2(H2O)2Â·L (L=2,5,8-trioxanonane; 2,5,8,11,14-pentaoxapentadecane). Polyhedron, 2001, 20, 2781-2785.	2.2	12
31	Synthesis, characterization and catalytic activity of addition compounds of dioxomolybdenum(VI) pyridine-2,6-dicarboxylate. Crystal structure of MoO2(dipic)(L) (L=DMF, DMSO, OPPh3). Polyhedron, 2000, 19, 2141-2147.	2.2	43
32	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
33	Lead globules. Journal of Chemical Education, 1998, 75, 1431.	2.3	0