

Marta R Abrantes

List of Publications by Year in descending order

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35
papers

1,306
citations

361388

20
h-index

361001

35
g-index

37
all docs

37
docs citations

37
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	[MoO ₃ (2,2'-bipy)] _n catalyzed oxidation of amines and sulfides. <i>Catalysis Communications</i> , 2018, 103, 60-64.	3.3	17
2	An Organotin Vanadate with Sodalite Topology and Catalytic Versatility in Oxidative Transformations. <i>ChemCatChem</i> , 2018, 10, 3481-3489.	3.7	3
3	Promotion of phosphoester hydrolysis by the ZrIV-based metal-organic framework UiO-67. <i>Microporous and Mesoporous Materials</i> , 2015, 208, 21-29.	4.4	36
4	Ring-opening of epoxides promoted by organomolybdenum complexes of the type [(η ⁵ -C ₅ H ₄ R)Mo(CO) ₂ (η ³ -C ₃ H ₅)] and [(η ⁵ -C ₅ H ₅)Mo(CO) ₃ (CH ₂ R)]. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 179-183.	1.8	13
5	Use of Organomolybdenum Compounds for Promoted Hydrolysis of Phosphoester Bonds in Aqueous Media. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3681-3689.	2.0	6
6	Promotion of phosphoester hydrolysis by MoO ₂ Cl ₂ L (L = bipyridine derivatives, H ₂ O, no ligand), MoO ₂ (CH ₃) ₂ L (L = bipyridine derivatives) and related inorganic-organic hybrids in aqueous media. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 42-47.	1.8	5
7	Catalytic olefin epoxidation with a carboxylic acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 205-211.	1.8	13
8	Application of an indenyl molybdenum dicarbonyl complex in the isomerisation of \pm -pinene oxide to campholenic aldehyde. <i>New Journal of Chemistry</i> , 2014, 38, 3172.	2.8	10
9	Synthesis and characterization of CpMo(CO) ₃ (CH ₂ -pC ₆ H ₄ -CO ₂ CH ₃) and its inclusion compounds with methylated cyclodextrins. Applications in olefin epoxidation catalysis. <i>Journal of Organometallic Chemistry</i> , 2013, 730, 116-122.	1.8	8
10	Intercalation of a molybdenum η^3 -allyl dicarbonyl complex in a layered double hydroxide and catalytic performance in olefinepoxidation. <i>Dalton Transactions</i> , 2013, 42, 8231-8240.	3.3	21
11	Use of MoO ₂ Cl ₂ (DMF) ₂ as a precursor for molybdate promoted hydrolysis of phosphoester bonds. <i>Dalton Transactions</i> , 2013, 42, 3901.	3.3	11
12	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, 3666-3676.	4.0	44
13	Epoxidation of DL-limonene using an indenyl molybdenum(II) tricarbonyl complex as catalyst precursor. <i>Catalysis Communications</i> , 2011, 15, 64-67.	3.3	16
14	Molybdenum oxide/bipyridine hybrid material {[MoO ₃ (bipy)][MoO ₃ (H ₂ O)]} _n as catalyst for the oxidation of secondary amines to nitrones. <i>Tetrahedron Letters</i> , 2011, 52, 7079-7082.	1.4	29
15	Microwave-assisted molybdenum-catalysed epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2010, 320, 19-26.	4.8	36
16	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, 6865-6873.	4.0	57
17	Microwave-Assisted Synthesis and Crystal Structure of Oxo(diperoxo)(4,4'-di-tert-butyl-2,2'-bipyridine)-molybdenum(VI). <i>Molecules</i> , 2009, 14, 3610-3620.	3.8	22
18	Amino acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex and its use in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1826-1833.	1.8	47

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19	Structural and Catalytic Studies of a Trimethyltin Vanadate Coordination Polymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 215-222.	3.7	5
20	Characterization of a chiral menthylmethyltin molybdate and its use as an olefin epoxidation catalyst. <i>Catalysis Letters</i> , 2007, 114, 103-109.	2.6	3
21	Mononuclear Organomolybdenum(VI) Dioxo Complexes: Synthesis, Reactivity, and Catalytic Applications. <i>Chemical Reviews</i> , 2006, 106, 2455-2475.	47.7	219
22	Immobilisation of methyltrioxorhenium on functionalised MCM-41. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 284-290.	4.4	15
23	Synthesis and catalytic properties in olefin epoxidation of chiral oxazoline dioxomolybdenum(VI) complexes. <i>Journal of Molecular Catalysis A</i> , 2006, 260, 11-18.	4.8	28
24	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.	1.8	63
25	Monomeric cyclopentadiene molybdenum oxides and their carbonyl precursors as epoxidation catalysts. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3718-3729.	1.8	71
26	Grafting of η^5 -Cp(COOMe)MoCl(CO) ₃ on the surface of mesoporous MCM-41 and MCM-48 materials. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1007-1011.	1.8	31
27	Organotin-oxomolybdate coordination polymers as catalysts for the epoxidation of cyclooctene. <i>Journal of Molecular Catalysis A</i> , 2005, 238, 51-55.	4.8	9
28	Catalytic olefin epoxidation with cyclopentadienyl molybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , 2005, 46, 47-52.	1.4	71
29	CpMo(CO) ₃ Cl as a precatalyst for the epoxidation of olefins. <i>Catalysis Letters</i> , 2005, 101, 127-130.	2.6	48
30	Mononuclear and Binuclear Cyclopentadienyl Oxo Molybdenum and Tungsten Complexes: Syntheses and Applications in Olefin Epoxidation Catalysis. <i>Organometallics</i> , 2005, 24, 2582-2589.	2.3	84
31	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.	2.0	42
32	Preparation and Characterization of Organotin Oxomolybdate Coordination Polymers and Their Use in Sulfoxidation Catalysis. <i>Chemistry - A European Journal</i> , 2003, 9, 2685-2695.	3.3	21
33	A Simple Entry to η^5 -C ₅ R ₅ chlorodioxomolybdenum(VI) Complexes (R = H, CH ₃ , CH ₂ Ph) and Their Use as Olefin Epoxidation Catalysts. <i>Organometallics</i> , 2003, 22, 2112-2118.	2.3	148
34	Epoxidation of olefins catalyzed by molybdenum siloxane compounds. <i>Inorganic Chemistry Communication</i> , 2002, 5, 1069-1072.	3.9	8
35	Organotin Oxometalate Coordination Polymers as Catalysts for the Epoxidation of Olefins. <i>Journal of Catalysis</i> , 2002, 209, 237-244.	6.2	46