JÃ¶rg A Schachner

List of Publications by Year
in descending order

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30	498	623734	677142
papers	citations	14 h-index	22 g-index

30	30	30	471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dioxomolybdenum(VI) Complexes with Pyrazole Based Aryloxide Ligands: Synthesis, Characterization and Application in Epoxidation of Olefins. Inorganic Chemistry, 2012, 51, 7642-7649.	4.0	52
2	Oxorhenium(V) Complexes with Pyrazole Based Aryloxide Ligands and Application in Olefin Epoxidation. Inorganic Chemistry, 2011, 50, 1983-1990.	4.0	45
3	Dioxomolybdenum(VI) and â€tungsten(VI) Complexes with Multidentate Aminobisphenol Ligands as Catalysts for Olefin Epoxidation. European Journal of Inorganic Chemistry, 2015, 2015, 3572-3579.	2.0	43
4	Homoconjugation in poly(phenylene methylene)s: A case study of non-Ï€-conjugated polymers with unexpected fluorescent properties. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 707-720.	2.1	34
5	Oxorhenium(V) Complexes with Phenolateâ€“Oxazoline Ligands: Influence of the Isomeric Form on the O-Atom-Transfer Reactivity. Inorganic Chemistry, 2014, 53, 12918-12928.	4.0	28
6	Dioxidomolybdenum(VI) Complexes Containing Ligands with the Bipyrrolidine Backbone as Efficient Catalysts for Olefin Epoxidation. European Journal of Inorganic Chemistry, 2013, 2013, 3664-3670.	2.0	23
7	Oxorhenium(v) complexes of quinoline and isoquinoline carboxylic acids â€“ synthesis, structural characterization and catalytic application in epoxidation reactions. Dalton Transactions, 2013, 42, 8827.	3.3	23
8	Dioxomolybdenum(VI) complexes with naphtholate-oxazoline ligands in catalytic epoxidation of olefins. Journal of Molecular Catalysis A, 2014, 385, 54-60.	4.8	23
9	Oxidorhenium(V) Complexes with Phenolate- and Carboxylate-Based Ligands: Structure and Catalytic Epoxidation. European Journal of Inorganic Chemistry, 2012, 2012, 3764-3773.	2.0	22
10	Iron catalyzed oxidation of benzylic alcohols to benzoic acids. Dalton Transactions, 2018, 47, 6412-6420.	3.3	22
11	Oxorhenium(V) Complexes with Phenolateâ€“Pyrazole Ligands for Olefin Epoxidation Using Hydrogen Peroxide. Inorganic Chemistry, 2014, 53, 12832-12840.	4.0	20
12	Oxorhenium(V) complexes with naphtholate-oxazoline ligands in the catalytic epoxidation of olefins. Polyhedron, 2014, 75, 141-145.	2.2	20
13	Oxidorhenium(V) Complexes with Tetradentate Iminophenolate Ligands: Influence of Ligand Flexibility on the Coordination Motif and Oxygen-Atom-Transfer Activity. Inorganic Chemistry, 2016, 55, 5973-5982.	4.0	17
14	An Update on W^{II} and Mo^{II} Carbonyl Precursors and Their Application in the Synthesis of Potentially Bioâ€inspired Thiophenolateâ€Oxazoline Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1559-1567.	1.2	14
15	Hydrogen bond donor functionalized dioxido-molybdenum(VI) complexes as robust and highly efficient precatalysts for alkene epoxidation. Molecular Catalysis, 2017, 443, 209-219.	2.0	14
16	Oxorhenium(V) complexes with 1H-benzimidazole-2-carboxylic acid â€“ Synthesis, structural characterization and catalytic application in epoxidation reactions. Polyhedron, 2014, 69, 205-218.	2.2	12
17	Catalytic epoxidation using dioxidomolybdenum(VI) complexes with tridentate aminoalcohol phenol ligands. Inorganica Chimica Acta, 2019, 486, 17-25.	2.4	11
18	Dinuclear Mo^V Complexes with Thiophenolateâ€oxazoline Ligands: Synthesis, Characterization, and Exceptional Activity in Catalytic Olefin Epoxidation. European Journal of Inorganic Chemistry, 2017, 2017, 2808-2817.	2.0	9

#	ARTICLE	IF	CITATIONS
19	Diastereoselective Synthesis and Catalytic Activity of Two Chiral cisâ€Dioxidomolybdenum(VI) Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 2549-2556.	2.0	9
20	Dioxygen Activation with Molybdenum Complexes Bearing Amide-Functionalized Iminophenolate Ligands. Molecules, 2019, 24, 1814.	3.8	9
21	Nature-Inspired Homogeneous Catalytic Perchlorate Reduction Using Molybdenum Complexes. ACS Catalysis, 2021, 11, 11754-11761.	11.2	9
22	Templated Câ€“C and Câ€“N Bond Formation Facilitated by a Molybdenum(VI) Metal Center. Inorganic Chemistry, 2015, 54, 11969-11976.	4.0	8
23	Vapochromism and Magnetochemical Switching of a Nickel(II) Paddlewheel Complex by Reversible NH 3 Uptake and Release. Angewandte Chemie - International Edition, 2021, 60, 13401-13404.	13.8	8
24	Catalytic reduction of nitrate by an oxidorhenium (V) complex. Journal of Catalysis, 2021, 397, 108-115.	6.2	6
25	Unusual Câ€“N Coupling Reactivity of Thiopyridazines: Efficient Synthesis of Iron Diorganotrisulfide Complexes. Inorganic Chemistry, 2017, 56, 8159-8165.	4.0	5
26	Stereoisomers and functional groups in oxidorhenium(<scp>v</scp>) complexes: effects on catalytic activity. Dalton Transactions, 2019, 48, 8106-8115.	3.3	5
27	Oxygen atom transfer catalysis by dioxidomolybdenum(VI) complexes of pyridyl aminophenolate ligands. Polyhedron, 2021, 205, 115234.	2.2	3
28	A tetranuclear nickel(II) heterocubane complex of a bidentate N,O-hydroxymethyl-oxazoline ligand. Synthesis, characterization, magnetic measurements and DFT investigations. Journal of Coordination Chemistry, 2016, 69, 433-446.	2.2	2
29	Isomers in chlorido and alkoxido-substituted oxidorhenium(v) complexes: effects on catalytic epoxidation activity. Dalton Transactions, 2020, 49, 11142-11149.	3.3	2
30	Vapochromism and Magnetochemical Switching of a Nickel(II) Paddlewheel Complex by Reversible NH 3 Uptake and Release. Angewandte Chemie, 2021, 133, 13513-13516.	2.0	0