

Jörg A Schachner

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Vapochromism and Magnetochemical Switching of a Nickel(II) Paddlewheel Complex by Reversible NH ₃ Uptake and Release. <i>Angewandte Chemie</i> , 2021, 133, 13513-13516.	2.0	0
2	Catalytic reduction of nitrate by an oxidorhenium (V) complex. <i>Journal of Catalysis</i> , 2021, 397, 108-115.	6.2	6
3	Vapochromism and Magnetochemical Switching of a Nickel(II) Paddlewheel Complex by Reversible NH ₃ Uptake and Release. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13401-13404.	13.8	8
4	Oxygen atom transfer catalysis by dioxidomolybdenum(VI) complexes of pyridyl aminophenolate ligands. <i>Polyhedron</i> , 2021, 205, 115234.	2.2	3
5	Nature-Inspired Homogeneous Catalytic Perchlorate Reduction Using Molybdenum Complexes. <i>ACS Catalysis</i> , 2021, 11, 11754-11761.	11.2	9
6	Isomers in chlorido and alkoxido-substituted oxidorhenium(V) complexes: effects on catalytic epoxidation activity. <i>Dalton Transactions</i> , 2020, 49, 11142-11149.	3.3	2
7	Dioxygen Activation with Molybdenum Complexes Bearing Amide-Functionalized Iminophenolate Ligands. <i>Molecules</i> , 2019, 24, 1814.	3.8	9
8	Stereoisomers and functional groups in oxidorhenium(V) complexes: effects on catalytic activity. <i>Dalton Transactions</i> , 2019, 48, 8106-8115.	3.3	5
9	Catalytic epoxidation using dioxidomolybdenum(VI) complexes with tridentate aminoalcohol phenol ligands. <i>Inorganica Chimica Acta</i> , 2019, 486, 17-25.	2.4	11
10	Iron catalyzed oxidation of benzylic alcohols to benzoic acids. <i>Dalton Transactions</i> , 2018, 47, 6412-6420.	3.3	22
11	Diastereoselective Synthesis and Catalytic Activity of Two Chiral <i>cis</i> -Dioxidomolybdenum(VI) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2549-2556.	2.0	9
12	Homoconjugation in poly(phenylene methylene)s: A case study of non- π -conjugated polymers with unexpected fluorescent properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 707-720.	2.1	34
13	Dinuclear Mo(V) Complexes with Thiophenolate-oxazoline Ligands: Synthesis, Characterization, and Exceptional Activity in Catalytic Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2808-2817.	2.0	9
14	Hydrogen bond donor functionalized dioxido-molybdenum(VI) complexes as robust and highly efficient precatalysts for alkene epoxidation. <i>Molecular Catalysis</i> , 2017, 443, 209-219.	2.0	14
15	Unusual C=N Coupling Reactivity of Thiopyridazines: Efficient Synthesis of Iron Diorganotrисульфide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 8159-8165.	4.0	5
16	Oxidorhenium(V) Complexes with Tetradentate Iminophenolate Ligands: Influence of Ligand Flexibility on the Coordination Motif and Oxygen-Atom-Transfer Activity. <i>Inorganic Chemistry</i> , 2016, 55, 5973-5982.	4.0	17
17	A tetranuclear nickel(II) heterocubane complex of a bidentate N,O-hydroxymethyl-oxazoline ligand. Synthesis, characterization, magnetic measurements and DFT investigations. <i>Journal of Coordination Chemistry</i> , 2016, 69, 433-446.	2.2	2
18	Dioxomolybdenum(VI) and Tungsten(VI) Complexes with Multidentate Aminobisphenol Ligands as Catalysts for Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3572-3579.	2.0	43

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19	Templated C–C and C–N Bond Formation Facilitated by a Molybdenum(VI) Metal Center. <i>Inorganic Chemistry</i> , 2015, 54, 11969-11976.	4.0	8
20	Oxorhenium(V) Complexes with Phenolate–Oxazoline Ligands: Influence of the Isomeric Form on the O-Atom-Transfer Reactivity. <i>Inorganic Chemistry</i> , 2014, 53, 12918-12928.	4.0	28
21	Oxorhenium(V) Complexes with Phenolate–Pyrazole Ligands for Olefin Epoxidation Using Hydrogen Peroxide. <i>Inorganic Chemistry</i> , 2014, 53, 12832-12840.	4.0	20
22	Oxorhenium(V) complexes with 1H-benzimidazole-2-carboxylic acid – Synthesis, structural characterization and catalytic application in epoxidation reactions. <i>Polyhedron</i> , 2014, 69, 205-218.	2.2	12
23	Dioxomolybdenum(VI) complexes with naphtholate-oxazoline ligands in catalytic epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2014, 385, 54-60.	4.8	23
24	Oxorhenium(V) complexes with naphtholate-oxazoline ligands in the catalytic epoxidation of olefins. <i>Polyhedron</i> , 2014, 75, 141-145.	2.2	20
25	Dioxidomolybdenum(VI) Complexes Containing Ligands with the Bipyrrrolidine Backbone as Efficient Catalysts for Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3664-3670.	2.0	23
26	Oxorhenium(v) complexes of quinoline and isoquinoline carboxylic acids – synthesis, structural characterization and catalytic application in epoxidation reactions. <i>Dalton Transactions</i> , 2013, 42, 8827.	3.3	23
27	An Update on W ^{II} and Mo ^{II} Carbonyl Precursors and Their Application in the Synthesis of Potentially Bio-inspired Thiophenolate–Oxazoline Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1559-1567.	1.2	14
28	Dioxomolybdenum(VI) Complexes with Pyrazole Based Aryloxy Ligands: Synthesis, Characterization and Application in Epoxidation of Olefins. <i>Inorganic Chemistry</i> , 2012, 51, 7642-7649.	4.0	52
29	Oxidorrhenium(V) Complexes with Phenolate- and Carboxylate-Based Ligands: Structure and Catalytic Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3764-3773.	2.0	22
30	Oxorhenium(V) Complexes with Pyrazole Based Aryloxy Ligands and Application in Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2011, 50, 1983-1990.	4.0	45