Benjamin J Hofmann

List of Publications by Year
in descending order

12	237	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	280
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fighting Fenton Chemistry: A Highly Active Iron(III) Tetracarbene Complex in Epoxidation Catalysis. ChemSusChem, 2015, 8, 4056-4063.	6.8	62
2	Highly Efficient Abnormal NHC Ruthenium Catalyst for Oppenauer-Type Oxidation and Transfer Hydrogenation Reactions. ACS Catalysis, 2019, 9, 11302-11306.	11.2	33
3	A bench stable formal Cu(<scp>iii</scp>) N-heterocyclic carbene accessible from simple copper(<scp>ii</scp>) acetate. Chemical Science, 2018, 9, 8307-8314.	7.4	28
4	Toward Tunable Immobilized Molecular Catalysts: Functionalizing the Methylene Bridge of Bis(Nâ€heterocyclic carbene) Ligands. ChemPlusChem, 2014, 79, 1294-1303.	2.8	27
5	Network topology and cavity confinement-controlled diastereoselectivity in cyclopropanation reactions catalyzed by porphyrin-based MOFs. Catalysis Science and Technology, 2019, 9, 6452-6459.	4.1	22
6	Tuning the electronic properties of tetradentate iron-NHC complexes: Towards stable and selective epoxidation catalysts. Journal of Catalysis, 2020, 391, 548-561.	6.2	15
7	Synthesis, characterization and application of organorhenium(vii) trioxides in metathesis reactions and epoxidation catalysis. Dalton Transactions, 2018, 47, 9755-9764.	3.3	10
8	Reactivity of Re2O7 in aromatic solvents â€“ Cleavage of a Î²-O-4 lignin model substrate by Lewis-acidic rhenium oxide nanoparticles. Journal of Catalysis, 2019, 373, 190-200.	6.2	10
9	Activation of Molecular Oxygen by a Cobalt(II) Tetraâ€NHC Complex**. Chemistry - A European Journal, 2021, 27, 1311-1315.	3.3	10
10	Dinuclear palladium complexes of pyrazolato-bridged imidazolium- and NHC-ligands: Synthesis and characterization. Journal of Organometallic Chemistry, 2015, 775, 130-136.	1.8	9
11	Degradation pathways of a highly active iron(iii) tetra-NHC epoxidation catalyst. Catalysis Science and Technology, 2021, 11, 795-799.	4.1	7
12	Ethyltrioxorhenium â€“ Catalytic application and decomposition pathways. Journal of Organometallic Chemistry, 2019, 885, 32-38.	1.8	4