Kristin SchrÃ¶der

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11452244/publications.pdf

Version: 2024-02-01

20 papers	2,112 citations	331670 21 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	2130 citing authors

#	Article	IF	Citations
1	Properties and ATRP Activity of Copper Complexes with Substituted Tris(2-pyridylmethyl)amine-Based Ligands. Inorganic Chemistry, 2015, 54, 1474-1486.	4.0	69
2	Towards sustainable polymer chemistry with homogeneous metal-based catalysts. Green Chemistry, 2014, 16, 1673-1686.	9.0	80
3	Reversible-Deactivation Radical Polymerization of Methyl Methacrylate and Styrene Mediated by Alkyl Dithiocarbamates and Copper Acetylacetonates. Macromolecules, 2013, 46, 5512-5519.	4.8	22
4	Formation and Possible Reactions of Organometallic Intermediates with Active Copper(I) Catalysts in ATRP. Organometallics, 2012, 31, 7994-7999.	2.3	55
5	Highly Active Bipyridine-Based Ligands for Atom Transfer Radical Polymerization. ACS Macro Letters, 2012, 1, 508-512.	4.8	58
6	Visible Light and Sunlight Photoinduced ATRP with ppm of Cu Catalyst. ACS Macro Letters, 2012, 1, 1219-1223.	4.8	521
7	Substituted Tris(2-pyridylmethyl)amine Ligands for Highly Active ATRP Catalysts. ACS Macro Letters, 2012, 1, 1037-1040.	4.8	97
8	Homogeneous catalysis using iron complexes: recent developments in selective reductions. Chemical Communications, 2011, 47, 4849.	4.1	428
9	Selective Ironâ€Catalyzed Oxidation of Benzylic and Allylic Alcohols. Advanced Synthesis and Catalysis, 2011, 353, 3023-3030.	4.3	62
10	A Biomimetic Iron Catalyst for the Epoxidation of Olefins with Molecular Oxygen at Room Temperature. Angewandte Chemie - International Edition, 2011, 50, 1425-1429.	13.8	118
11	Fe-Catalyzed Oxidation Reactions of Olefins, Alkanes, and Alcohols: Involvement of Oxo- and Peroxo Complexes. Topics in Organometallic Chemistry, 2011, , 83-109.	0.7	63
12	Formamidines â€“ Versatile Ligands for Zincâ€Catalyzed Hydrosilylation and Ironâ€Catalyzed Epoxidation Reactions. European Journal of Organic Chemistry, 2010, 2010, 4893-4901.	2.4	85
13	Ironâ€Catalyzed Epoxidation of Aromatic Olefins and 1,3â€Dienes. Advanced Synthesis and Catalysis, 2010, 352, 1771-1778.	4.3	62
14	A Novel Process for Selective Rutheniumâ€Catalyzed Oxidation of Naphthalenes and Phenols. Advanced Synthesis and Catalysis, 2010, 352, 1615-1620.	4.3	45
15	Selective Ironâ€Catalyzed Oxidation of Phenols and Arenes with Hydrogen Peroxide: Synthesis of Vitamin E Intermediates and Vitamin K₃. Chemistry - A European Journal, 2010, 16, 10300-10303.	3.3	69
16	Design of a bio-inspired imidazole-based iron catalyst for epoxidation of olefins: Mechanistic insights. Catalysis Today, 2010, 157, 364-370.	4.4	29
17	Design of and Mechanistic Studies on a Biomimetic Ironâ€“Imidazole Catalyst System for Epoxidation of Olefins with Hydrogen Peroxide. Chemistry - A European Journal, 2009, 15, 5471-5481.	3.3	63
18	An Improved Ironâ€Catalyzed Epoxidation of Aromatic and Aliphatic Olefins with Hydrogen Peroxide as Oxidant. European Journal of Organic Chemistry, 2008, 2008, 4867-4870.	2.4	53

#	Article	IF	Citations
19	Iron-catalyzed hydroxylation of Î²-ketoesters with hydrogen peroxide as oxidant. Tetrahedron Letters, 2008, 49, 5976-5979.	1.4	47
20	Novel biomimetic iron-catalysts for environmentally benign epoxidations of olefins. Tetrahedron Letters, 2007, 48, 6339-6342.	1.4	50