

Kristin Schröder

List of Publications by Year in descending order

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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	Visible Light and Sunlight Photoinduced ATRP with ppm of Cu Catalyst. ACS Macro Letters, 2012, 1, 1219-1223.	4.8	521
2	Homogeneous catalysis using iron complexes: recent developments in selective reductions. Chemical Communications, 2011, 47, 4849.	4.1	428
3	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
4	Substituted Tris(2-pyridylmethyl)amine Ligands for Highly Active ATRP Catalysts. ACS Macro Letters, 2012, 1, 1037-1040.	4.8	97
5	Formamidines – Versatile Ligands for Zinc-Catalyzed Hydrosilylation and Iron-Catalyzed Epoxidation Reactions. European Journal of Organic Chemistry, 2010, 2010, 4893-4901.	2.4	85
6	Towards sustainable polymer chemistry with homogeneous metal-based catalysts. Green Chemistry, 2014, 16, 1673-1686.	9.0	80
7	Selective Iron-Catalyzed Oxidation of Phenols and Arenes with Hydrogen Peroxide: Synthesis of Vitamin E Intermediates and Vitamin K ₃ . Chemistry - A European Journal, 2010, 16, 10300-10303.	3.3	69
8	Properties and ATRP Activity of Copper Complexes with Substituted Tris(2-pyridylmethyl)amine-Based Ligands. Inorganic Chemistry, 2015, 54, 1474-1486.	4.0	69
9	Design of and Mechanistic Studies on a Biomimetic Iron-Imidazole Catalyst System for Epoxidation of Olefins with Hydrogen Peroxide. Chemistry - A European Journal, 2009, 15, 5471-5481.	3.3	63
10	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
11	Iron-Catalyzed Epoxidation of Aromatic Olefins and 1,3-Dienes. Advanced Synthesis and Catalysis, 2010, 352, 1771-1778.	4.3	62
12	Selective Iron-Catalyzed Oxidation of Benzylic and Allylic Alcohols. Advanced Synthesis and Catalysis, 2011, 353, 3023-3030.	4.3	62
13	Highly Active Bipyridine-Based Ligands for Atom Transfer Radical Polymerization. ACS Macro Letters, 2012, 1, 508-512.	4.8	58
14	Formation and Possible Reactions of Organometallic Intermediates with Active Copper(I) Catalysts in ATRP. Organometallics, 2012, 31, 7994-7999.	2.3	55
15	An Improved Iron-Catalyzed Epoxidation of Aromatic and Aliphatic Olefins with Hydrogen Peroxide as Oxidant. European Journal of Organic Chemistry, 2008, 2008, 4867-4870.	2.4	53
16	Novel biomimetic iron-catalysts for environmentally benign epoxidations of olefins. Tetrahedron Letters, 2007, 48, 6339-6342.	1.4	50
17	Iron-catalyzed hydroxylation of β^2 -ketoesters with hydrogen peroxide as oxidant. Tetrahedron Letters, 2008, 49, 5976-5979.	1.4	47
18	A Novel Process for Selective Ruthenium-Catalyzed Oxidation of Naphthalenes and Phenols. Advanced Synthesis and Catalysis, 2010, 352, 1615-1620.	4.3	45

#	ARTICLE	IF	CITATIONS
19	Design of a bio-inspired imidazole-based iron catalyst for epoxidation of olefins: Mechanistic insights. <i>Catalysis Today</i> , 2010, 157, 364-370.	4.4	29
20	Reversible-Deactivation Radical Polymerization of Methyl Methacrylate and Styrene Mediated by Alkyl Dithiocarbamates and Copper Acetylacetonates. <i>Macromolecules</i> , 2013, 46, 5512-5519.	4.8	22