

Shengping Zheng

List of Publications by Year in descending order

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papers

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304743

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43
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt-Catalyzed N-Alkylation of Amines with Alcohols. <i>Organic Letters</i> , 2016, 18, 300-303.	4.6	212
2	Cobalt-Catalyzed α -Alkylation of Ketones with Primary Alcohols. <i>Organic Letters</i> , 2017, 19, 1080-1083.	4.6	183
3	Highly Selective Hydroboration of Alkenes, Ketones and Aldehydes Catalyzed by a Well-Defined Manganese Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14369-14372.	13.8	164
4	Cobalt-Catalyzed Synthesis of Aromatic, Aliphatic, and Cyclic Secondary Amines via a σ -Hydrogen-Borrowing Strategy. <i>ACS Catalysis</i> , 2016, 6, 6546-6550.	11.2	127
5	Total Synthesis of Cribrostatin IV: Fine-Tuning the Character of an Amide Bond by Remote Control. <i>Journal of the American Chemical Society</i> , 2005, 127, 4596-4598.	13.7	87
6	Stereospecific Formal Total Synthesis of Ecteinasidin 743. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1754-1759.	13.8	86
7	Cobalt(II) Coordination Polymer as a Precatalyst for Selective Hydroboration of Aldehydes, Ketones, and Imines. <i>Journal of Organic Chemistry</i> , 2018, 83, 9442-9448.	3.2	79
8	Redox-Noninnocent Ligand-Supported Vanadium Catalysts for the Chemoselective Reduction of $C=C$ (X =) Tj $ETQq0,0,0$ $rgBT/Overlock$	13.7	64
9	Dearomatization and Functionalization of Terpyridine Ligands Leading to Unprecedented Zwitterionic Meisenheimer Aluminum Complexes and Their Use in Catalytic Hydroboration. <i>ACS Catalysis</i> , 2019, 9, 874-884.	11.2	64
10	Highly Selective Hydroboration of Alkenes, Ketones and Aldehydes Catalyzed by a Well-Defined Manganese Complex. <i>Angewandte Chemie</i> , 2016, 128, 14581-14584.	2.0	51
11	The Effect of Cage Shape on Nanoparticle-Based Drug Carriers: Anticancer Drug Release and Efficacy via Receptor Blockade Using Dextran-Coated Iron Oxide Nanocages. <i>Nano Letters</i> , 2016, 16, 7357-7363.	9.1	51
12	Bioactive and Marker Compounds from Two Edible Dark-Colored Myrciaria Fruits and the Synthesis of Jaboticabin. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4035-4043.	5.2	44
13	Cobalt-Catalyzed Regioselective Hydroboration of Terminal Alkenes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5814-5818.	2.4	42
14	Copper(II)-Catalyzed Selective Hydroboration of Ketones and Aldehydes. <i>Organic Letters</i> , 2019, 21, 401-406.	4.6	38
15	Double Hetero-Michael Addition of α -Substituted Hydroxylamines to Quinone Monoketals: Synthesis of Bridged Isoxazolidines. <i>Organic Letters</i> , 2013, 15, 3534-3537.	4.6	37
16	The Solution to a Deep Stereochemical Conundrum: Studies toward the Tetrahydroisoquinoline Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1749-1754.	13.8	36
17	Markovnikov-Selective Hydroboration of Vinylarenes Catalyzed by a Cobalt(II) Coordination Polymer. <i>Organic Letters</i> , 2018, 20, 7893-7897.	4.6	36
18	Highly efficient and selective hydroboration of terminal and internal alkynes catalysed by a cobalt(ii) coordination polymer. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3228-3233.	4.5	31

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19	A Variation of the Fischer Indolization Involving Condensation of Quinone Monoketals and Aliphatic Hydrazines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1753-1757.	13.8	29
20	Assembling mono-, di- and tri-nuclear coordination complexes with a ditopic analogue of 2,2':6''',2''':6'''-terpyridine: syntheses, structures and catalytic studies. <i>RSC Advances</i> , 2015, 5, 36156-36168.	3.6	27
21	An expedient stereoselective and chemoselective synthesis of bicyclic oxazolidinones from quinols and isocyanates. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2939.	2.8	24
22	1-D manganese(II)-terpyridine coordination polymers as precatalysts for hydrofunctionalisation of carbonyl compounds. <i>Dalton Transactions</i> , 2020, 49, 2610-2615.	3.3	23
23	Cobalt(II) coordination polymers versus discrete complex with 4,2':6''',4''':6'''-terpyridine ligands: The role of a pyrenyl substituent. <i>Polyhedron</i> , 2015, 101, 139-145.	2.2	19
24	Synthesis and catalytic properties of diverse chiral polyamines. <i>Tetrahedron Letters</i> , 2008, 49, 5746-5750.	1.4	16
25	Synthesis of o-chlorophenols via an unexpected nucleophilic chlorination of quinone monoketals mediated by N,N'-dimethylhydrazine dihydrochloride. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2854.	2.8	14
26	One-Pot Synthesis of 1-Hydroxyacridones from <i>para</i> -Quinols and <i>ortho</i> -Methoxycarbonylaryl Isocyanates. <i>Journal of Organic Chemistry</i> , 2020, 85, 4515-4524.	3.2	12
27	Vanadium-Catalyzed Stereo- and Regioselective Hydroboration of Alkynes to Vinyl Boronates. <i>ACS Catalysis</i> , 2022, 12, 5425-5429.	11.2	12
28	The synthesis and structure of a new type of aromatic heterocyclic macrocycle. IV. Synthesis of a 1,3,4-oxadiazole-containing azomacrocycle. <i>Journal of Heterocyclic Chemistry</i> , 1998, 35, 275-277.	2.6	5
29	Diplumbane-catalysed solvent- and additive-free hydroboration of ketones and aldehydes. <i>RSC Advances</i> , 2022, 12, 19086-19090.	3.6	3
30	Mnemonics for the Aldohexoses That Aid in Learning Structures, Names, and Interconversion of Fischer Projection Formulas and Pyranose Chair Forms. <i>Journal of Chemical Education</i> , 2015, 92, 395-398.	2.3	1
31	Balancing redox equations through zero oxidation number method. <i>Chemistry Teacher International</i> , 2022, .	1.7	1
32	Assembly of a 3D Cobalt(II) Supramolecular Framework and Its Applications in Hydrofunctionalization of Ketones and Aldehydes. <i>Chemistry</i> , 2022, 4, 393-404.	2.2	1
33	Total Synthesis of Cribrostatin IV: Fine-Tuning the Character of an Amide Bond by Remote Control [J]. <i>Am. Chem. Soc.</i> 2005, 127, 4596-4598. <i>Journal of the American Chemical Society</i> , 2005, 127, 7262-7262.	13.7	0