

Zengming Shen

List of Publications by Year in descending order

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21
papers

1,163
citations

430874

18
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Rh-Catalyzed Carbonyl Hydroacylation: An Enantioselective Approach to Lactones. <i>Journal of the American Chemical Society</i> , 2008, 130, 2916-2917.	13.7	132
2	Mechanistic Insights into the Rhodium-Catalyzed Intramolecular Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2009, 131, 1077-1091.	13.7	125
3	Copper-Catalyzed Aromatic C-H Bond Cyanation by C≡N Bond Cleavage of Inert Acetonitrile. <i>Chemistry - A European Journal</i> , 2013, 19, 16880-16886.	3.3	104
4	Alkyne Hydroheteroarylation: Enantioselective Coupling of Indoles and Alkynes via Rh-Hydride Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 10641-10644.	13.7	90
5	Benzofurans Prepared by C-H Bond Functionalization with Acylsilanes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 784-786.	13.8	88
6	Domino Sonogashira Coupling/Cyclization Reaction Catalyzed by Copper and ppb Levels of Palladium: A Concise Route to Indoles and Benzo[b]furans. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 713-718.	4.3	79
7	Acetonitrile as a Cyanating Reagent: Cu-Catalyzed Cyanation of Arenes. <i>Organic Letters</i> , 2015, 17, 2602-2605.	4.6	72
8	Palladium-Catalyzed Intramolecular Decarboxylative Coupling of Arene Carboxylic Acids/Esters with Aryl Bromides. <i>Chemistry - A European Journal</i> , 2012, 18, 4859-4865.	3.3	69
9	Cu-Catalyzed Cyanation of Indoles with Acetonitrile as a Cyano Source. <i>Journal of Organic Chemistry</i> , 2015, 80, 8868-8873.	3.2	57
10	Cupric Halide-Mediated Intramolecular Halocyclization of N-Electron-Withdrawing Group-Substituted 2-Alkynylanilines for the Synthesis of 3-Haloindoles. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 3107-3112.	4.3	51
11	Cu-Catalyzed Cyanation of Arylboronic Acids with Acetonitrile: A Dual Role of TEMPO. <i>Chemistry - A European Journal</i> , 2015, 21, 13246-13252.	3.3	44
12	Copper-Catalyzed Cyanomethylation of Substituted Tetrahydroisoquinolines with Acetonitrile. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2392-2397.	4.3	38
13	Direct Synthesis of Alkenylboronates from Alkenes and Pinacol Diboron via Copper Catalysis. <i>Organic Letters</i> , 2019, 21, 142-146.	4.6	31
14	Copper-Catalyzed Acyloxycyanation of Alkynes with Acetonitrile: Regioselective Construction of Cyclic Acrylonitriles by 6-endo or 5-exo Cyclization. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3515-3519.	4.3	29
15	Hydrochloric Acid-Promoted Intermolecular 1,2-Thiofunctionalization of Aromatic Alkenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 2818-2829.	3.2	26
16	Recent Progress in the Research of Transition-Metal-Catalyzed C≡N Bond Cleavage. <i>Chinese Journal of Organic Chemistry</i> , 2013, 33, 1407.	1.3	26
17	Copper-catalyzed aromatic C-H alkoxylation with alcohols under aerobic conditions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1261-1267.	2.8	21
18	Copper-Mediated Cyanation of Aryl C-H Bond with Removable Bidentate Auxiliary Using Acetonitrile as the Cyano Source. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1139-1142.	4.9	18

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19	Copper-catalyzed Aminoxylation of Different Types of Hydrocarbons with TEMPO: A Concise Route to <i>N</i> -Alkoxyamine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3495-3500.	4.3	17
20	Palladium-catalyzed allylic C-H oxidation under simple operation and mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3103-3107.	2.8	7
21	Cu/Ni-Catalyzed Cyanomethylation of Alkenes with Acetonitrile for the Synthesis of α,β -Unsaturated Nitriles. <i>Journal of Organic Chemistry</i> , 2020, 85, 6143-6150.	3.2	6