

Bo Zhang

List of Publications by Year in descending order

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2,896
citations

236925
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#	ARTICLE	IF	CITATIONS
1	Metal-free visible-light-initiated direct C3 alkylation of quinoxalin-2(1 <i>H</i>)-ones and coumarins with unactivated alkyl iodides. <i>Green Chemistry</i> , 2022, 24, 858-863.	9.0	29
2	Selective Electrochemical Hydrolysis of Hydrosilanes to Silanols via Anodically Generated Silyl Cations. <i>Angewandte Chemie</i> , 2021, 133, 1867-1872.	2.0	13
3	Selective Electrochemical Hydrolysis of Hydrosilanes to Silanols via Anodically Generated Silyl Cations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1839-1844.	13.8	60
4	Manganese-Catalyzed Nâ€“F Bond Activation for Hydroamination and Carboamination of Alkenes. <i>Organic Letters</i> , 2021, 23, 207-212.	4.6	34
5	Manganese-Mediated Direct Functionalization of Hantzsch Esters with Alkyl Iodides via an Aromatizationâ€“Dearomatization Strategy. <i>Organic Letters</i> , 2021, 23, 4002-4007.	4.6	10
6	Generation and Reactivity of Amidyl Radicals: Manganeseâ€“Mediated Atomâ€“Transfer Reaction. <i>Angewandte Chemie</i> , 2020, 132, 4458-4463.	2.0	7
7	Generation and Reactivity of Amidyl Radicals: Manganeseâ€“Mediated Atomâ€“Transfer Reaction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4428-4433.	13.8	54
8	Intermolecular Iodofluoroalkylation of Unactivated Alkynes and Alkenes Mediated by Manganese Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1131-1137.	4.3	29
9	Visible-Light-Initiated Decarboxylative Alkylation of Quinoxalin-2(1 <i>H</i>)-ones with Phenyl iodine(III) Dicarboxylates in Recyclable Ruthenium(II) Catalytic System. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14153-14160.	6.7	130
10	Visible-Light-Promoted Manganese-Catalyzed Atom Transfer Radical Cyclization of Unactivated Alkyl Iodides. <i>Organic Letters</i> , 2019, 21, 5586-5590.	4.6	37
11	Visible-Light-Initiated Manganese-Catalyzed <i>E</i>-Selective Hydrosilylation and Hydrogermylation of Alkynes. <i>Organic Letters</i> , 2019, 21, 2750-2754.	4.6	103
12	Recent Advances in the Synthesis of Î²â€“Functionalized Ketones by Radicalâ€“Mediated 1,2â€“Rearrangement of Allylic Alcohols. <i>Chemistry - A European Journal</i> , 2018, 24, 10934-10947.	3.3	48
13	Eosin Y-catalyzed, visible-light-promoted carbophosphinylation of allylic alcohols <i>via</i> a radical neophyl rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2356-2361.	2.8	36
14	Highly Regioselective Isoquinoline Synthesis via Nickelâ€“Catalyzed Iminoannulation of Alkynes at Room Temperature. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4965-4969.	2.4	11
15	Mild and efficient synthesis of indoles and isoquinolones <i>via</i> a nickel-catalyzed Larock-type heteroannulation reaction. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3983-3988.	2.8	23
16	Visible-Light-Initiated, Photocatalyst-Free Decarboxylative Coupling of Carboxylic Acids with <i>N</i>-Heterocycles. <i>Organic Letters</i> , 2018, 20, 4686-4690.	4.6	105
17	Frontispiece: Recent Advances in the Synthesis of Î²-Functionalized Ketones by Radical-Mediated 1,2-Rearrangement of Allylic Alcohols. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
18	Visible-Light-Mediated Aerobic Oxidation of Organoboron Compounds Using in Situ Generated Hydrogen Peroxide. <i>Organic Letters</i> , 2018, 20, 4979-4983.	4.6	59

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19	Access to Aminated Saturated Oxygen Heterocycles via Copper-Catalyzed Aminooxygenation of Alkenes. <i>Organic Letters</i> , 2017, 19, 1148-1151.	4.6	57
20	Quaternary Mannich Bases through Copper-Catalyzed Amination-Induced 1,2-Rearrangement of Allylic Alcohols. <i>Chemistry - A European Journal</i> , 2017, 23, 9752-9755.	3.3	31
21	Copper-Catalyzed Remote C-H Amination of Quinolines with <i>N</i> -Fluorobenzenesulfonimide. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1037-1042.	4.3	51
22	Dimethyl sulfoxide as a mild oxidant in S-P(O) bond construction: simple and metal-free approaches to phosphinothioates. <i>Green Chemistry</i> , 2017, 19, 1128-1133.	9.0	52
23	Preparation of Benzothiophenes and Benzoselenophenes from Arylamines and Alkynes <i>via</i> Radical Cascade Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1746-1752.	4.3	28
24	Metal-Free Visible-Light-Mediated Oxidative Cross-Coupling of Thiols with P(O)H Compounds Using Air as the Oxidant. <i>Organic Letters</i> , 2016, 18, 5114-5117.	4.6	117
25	Metal-Free C(sp ³)-O Bond Formation through Radical Translocation: A Mild, Efficient, and Practical Approach to <i>o</i> -Alkoxybenzamides. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 192-195.	2.7	7
26	Regioselective Synthesis of Carbonyl-Containing Alkyl Chlorides via Silver-Catalyzed Ring-Opening Chlorination of Cycloalkanols. <i>Organic Letters</i> , 2016, 18, 684-687.	4.6	81
27	Recent advances in the synthesis of nitrogen heterocycles via radical cascade reactions using isonitriles as radical acceptors. <i>Chemical Society Reviews</i> , 2015, 44, 3505-3521.	38.1	634
28	2-Trifluoromethylated Indoles via Radical Trifluoromethylation of Isonitriles. <i>Organic Letters</i> , 2014, 16, 1216-1219.	4.6	133
29	1-Trifluoromethylated isoquinolines via radical trifluoromethylation of isonitriles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9895-9898.	2.8	47
30	6-Perfluoroalkylated Phenanthridines via Radical Perfluoroalkylation of Isonitriles. <i>Organic Letters</i> , 2014, 16, 3990-3993.	4.6	133
31	6-Phosphorylated Phenanthridines from 2-Isocyanobiphenyls via Radical C-P and C-C Bond Formation. <i>Organic Letters</i> , 2014, 16, 250-253.	4.6	235
32	Copper-Catalyzed Intermolecular Aminoazidation of Alkenes. <i>Organic Letters</i> , 2014, 16, 1790-1793.	4.6	181
33	6-Trifluoromethylated Phenanthridines through Radical Trifluoromethylation of Isonitriles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10792-10795.	13.8	321