

Runze Mao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Intermolecular Functionalization of Unactivated C(sp ³)-H Bonds and Aliphatic Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2021, 143, 14667-14675.	13.7	36
2	Photocatalytic Decarboxylative Coupling of Aliphatic N-hydroxyphthalimide Esters with Polyfluoroaryl Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23557-23563.	13.8	17
3	Photocatalytic Decarboxylative Coupling of Aliphatic N-hydroxyphthalimide Esters with Polyfluoroaryl Nucleophiles. <i>Angewandte Chemie</i> , 2021, 133, 23749.	2.0	1
4	Enantioselective C(sp ³)-C(sp ³) cross-coupling of non-activated alkyl electrophiles via nickel hydride catalysis. <i>Nature Chemistry</i> , 2021, 13, 270-277.	13.6	120
5	Tandem Photoredox and Copper-Catalyzed Decarboxylative C(sp ³)-N Coupling of Anilines and Imines Using an Organic Photocatalyst. <i>Organic Letters</i> , 2020, 22, 5412-5416.	4.6	32
6	Deoxygenative trifluoromethylthiolation of carboxylic acids. <i>Chemical Science</i> , 2019, 10, 9555-9559.	7.4	29
7	Decarboxylative C(sp ³)-N cross-coupling via synergetic photoredox and copper catalysis. <i>Nature Catalysis</i> , 2018, 1, 120-126.	34.4	194
8	N-9 Alkylation of purines via light-promoted and metal-free radical relay. <i>Chinese Chemical Letters</i> , 2018, 29, 61-64.	9.0	6
9	Decarboxylative C(sp ³)-O Cross-Coupling. <i>Angewandte Chemie</i> , 2018, 130, 13812-13816.	2.0	17
10	Cross-Coupling of Alkyl Redox-Active Esters with Benzophenone Imines: Tandem Photoredox and Copper Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 9645-9648.	2.0	35
11	Decarboxylative C(sp ³)-O Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13624-13628.	13.8	94
12	Cross-Coupling of Alkyl Redox-Active Esters with Benzophenone Imines: Tandem Photoredox and Copper Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9501-9504.	13.8	103
13	Light-driven highly efficient glycosylation reactions. <i>Organic Chemistry Frontiers</i> , 2016, 3, 737-743.	4.5	38
14	Visible Light Photoredox-Catalyzed <i>O</i> -Sialylation Using Thiosialoside Donors. <i>Journal of Organic Chemistry</i> , 2016, 81, 7134-7138.	3.2	33
15	Photoinduced C-S Bond Cleavage of Thioglycosides and Glycosylation. <i>Organic Letters</i> , 2015, 17, 5606-5609.	4.6	53
16	Pd(II)-Catalyzed One-Pot, Three-Step Route for the Synthesis of Unsymmetrical Acridines. <i>Organic Letters</i> , 2013, 15, 5460-5463.	4.6	32
17	Synthesis of N-(2-chloro purin-6-yl) aza-18-crown-6 and its interaction with human serum albumin. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 869-875.	2.8	7
18	CuBr Catalyzed C-N cross coupling reaction of purines and diaryliodonium salts to 9-aryl purines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5039.	2.8	38

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19	Pd(II)-Catalyzed Ortho Arylation of 6-Aryl purines with Aryl Iodides via Purine-Directed C-H Activation: A New Strategy for Modification of 6-Aryl purine Derivatives. Organic Letters, 2011, 13, 2008-2011.	4.6	67
20	Highly Enantioselective Synthesis of Designed Chiral Acyclonucleosides and Acyclonucleotides by Organocatalytic Aza-Michael Addition. Chemistry - A European Journal, 2011, 17, 4095-4098.	3.3	55
21	Titanocene Dichloride as an Efficient Catalyst for One-Pot Synthesis of α -Aminophosphonates. Letters in Organic Chemistry, 2011, 8, 674-681.	0.5	2