

Lingling Chu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

6,173
citations

34
h-index

78
g-index

88
ext. papers

7,100
ext. citations

9.3
avg, IF

6.54
L-index

#	Paper	IF	Citations
61	Recent Advances in Photoredox/Nickel Dual-Catalyzed Difunctionalization of Alkenes and Alkynes. <i>Chinese Journal of Organic Chemistry</i> , 2022 , 42, 1	3	5
60	Metallaphotoredox-Enabled Intermolecular Carbobromination of Alkynes with Alkenyl Bromides. <i>Advanced Synthesis and Catalysis</i> , 2022 , 364, 1239-1244	5.6	0
59	Selective Fluoromethyl Couplings of Alkynes via Nickel Catalysis*. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	2
58	Divergent Aminocarbonylations of Alkynes Enabled by Photoredox/Nickel Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26511-26517	16.4	4
57	Borates as a Traceless Activation Group for Intermolecular Alkylarylation of Ethylene through Photoredox/Nickel Dual Catalysis. <i>Synlett</i> , 2021 , 32, 1519-1524	2.2	5
56	Silver-Enabled General Radical Difluoromethylation Reaction with TMSCF H. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4300-4306	16.4	14
55	Silver-Enabled General Radical Difluoromethylation Reaction with TMSCF ₂ H. <i>Angewandte Chemie</i> , 2021 , 133, 4346-4352	3.6	2
54	Catalytic three-component dicarbofunctionalization reactions involving radical capture by nickel. <i>Chemical Society Reviews</i> , 2021 , 50, 10836-10856	58.5	26
53	Reductive hydrobenzylation of terminal alkynes photoredox and nickel dual catalysis. <i>Chemical Communications</i> , 2021 , 57, 9414-9417	5.8	3
52	Dual Photoredox-/Palladium-Catalyzed Cross-Electrophile Couplings of Polyfluoroarenes with Aryl Halides and Triflates. <i>Organometallics</i> , 2021 , 40, 2246-2252	3.8	7
51	Photoinduced triiodide-mediated [3 + 2] cycloaddition of N-tosyl aziridines and alkenes. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 2196-2202	5.2	0
50	Radical 1,2-addition of bromoarenes to alkynes via dual photoredox and nickel catalysis. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 2924-2931	5.2	6
49	Enantioselective Three-Component Fluoroalkylarylation of Unactivated Olefins through Nickel-Catalyzed Cross-Electrophile Coupling. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9604-9611	16.4	87
48	Recent advances in photoredox and nickel dual-catalyzed cascade reactions: pushing the boundaries of complexity. <i>Chemical Science</i> , 2020 , 11, 4051-4064	9.4	110
47	Recent Advances in Nickel-Catalyzed Three-Component Difunctionalization of Unactivated Alkenes. <i>Synthesis</i> , 2020 , 52, 1346-1356	2.9	54
46	Visible-Light-Enabled Stereodivergent Synthesis of E- and Z-Configured 1,4-Dienes by Photoredox/Nickel Dual Catalysis. <i>Angewandte Chemie</i> , 2020 , 132, 183-187	3.6	10
45	Synergistic Catalysis for Stereodivergent Synthesis of trans- and cis-Skipped Dienes. <i>Synlett</i> , 2020 , 31, 1741-1746	2.2	5

44	General Method for Enantioselective Three-Component Carboarylation of Alkenes Enabled by Visible-Light Dual Photoredox/Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2020 ,	16.4	63
43	Visible-Light-Enabled Stereodivergent Synthesis of E- and Z-Configured 1,4-Dienes by Photoredox/Nickel Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 177-181	16.4	44
42	Sequential C-O decarboxylative vinylation/C-H arylation of cyclic oxalates a nickel-catalyzed multicomponent radical cascade. <i>Chemical Science</i> , 2020 , 11, 4904-4910	9.4	34
41	Organic-photoredox-catalyzed three-component sulfonylative pyridylation of styrenes.. <i>RSC Advances</i> , 2020 , 11, 142-146	3.7	7
40	Intermolecular, redox-neutral azidoarylation of alkenes via photoredox catalysis. <i>Chemical Communications</i> , 2019 , 55, 2336-2339	5.8	28
39	Solvent-tuned chemoselective carboazidation and diazidation of alkenes via iron catalysis. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 512-516	5.2	18
38	Selective, Intermolecular Alkylarylation of Alkenes via Photoredox/Nickel Dual Catalysis. <i>Organic Letters</i> , 2019 , 21, 4771-4776	6.2	67
37	Bisphosphonium salt: an effective photocatalyst for the intramolecular hydroalkoxylation of olefins. <i>Science Bulletin</i> , 2019 , 64, 1896-1901	10.6	16
36	Photoredox-catalyzed branch-selective pyridylation of alkenes for the expedient synthesis of Triprolidine. <i>Nature Communications</i> , 2019 , 10, 749	17.4	31
35	Catalytic, metal-free sulfonylcyanation of alkenes via visible light organophotoredox catalysis. <i>Chemical Communications</i> , 2018 , 54, 3162-3165	5.8	25
34	Intermolecular selective carboacylation of alkenes via nickel-catalyzed reductive radical relay. <i>Nature Communications</i> , 2018 , 9, 3488	17.4	105
33	Visible-light-induced halogenation of aliphatic CH bonds. <i>Tetrahedron Letters</i> , 2018 , 59, 173-179	2	18
32	A four-component radical cascade trifluoromethylation reaction of alkenes enabled by an electron-donor-acceptor complex. <i>Chemical Communications</i> , 2018 , 54, 12710-12713	5.8	30
31	Metal-free, intermolecular carbopyridylation of alkenes visible-light-induced reductive radical coupling. <i>Chemical Science</i> , 2018 , 9, 9012-9017	9.4	58
30	syn-Selective alkylarylation of terminal alkynes via the combination of photoredox and nickel catalysis. <i>Nature Communications</i> , 2018 , 9, 4543	17.4	71
29	Ligand-accelerated, branch-selective oxidative cyanation of alkenes. <i>Science Bulletin</i> , 2018 , 63, 1479-1484	10.6	1
28	Silver-Mediated Oxidative Trifluoromethylation of Phenols: Direct Synthesis of Aryl Trifluoromethyl Ethers. <i>Angewandte Chemie</i> , 2015 , 127, 12005-12008	3.6	46
27	Merging Photoredox and Nickel Catalysis: The Direct Synthesis of Ketones by the Decarboxylative Arylation of α -Oxo Acids. <i>Angewandte Chemie</i> , 2015 , 127, 8040-8044	3.6	60

26	Merging Photoredox and Nickel Catalysis: The Direct Synthesis of Ketones by the Decarboxylative Arylation of α -Oxo Acids. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7929-33	16.4	229
25	Silver-Mediated Oxidative Trifluoromethylation of Phenols: Direct Synthesis of Aryl Trifluoromethyl Ethers. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11839-42	16.4	114
24	Oxidative trifluoromethylation and trifluoromethylthiolation reactions using (trifluoromethyl)trimethylsilane as a nucleophilic CF ₃ source. <i>Accounts of Chemical Research</i> , 2014 , 47, 1513-22	24.3	539
23	Carboxylic acids as a traceless activation group for conjugate additions: a three-step synthesis of (α)-pregabalin. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10886-9	16.4	377
22	Dual catalysis. Merging photoredox with nickel catalysis: coupling of α -carboxyl sp ² -carbons with aryl halides. <i>Science</i> , 2014 , 345, 437-40	33.3	1058
21	Direct Introduction of Ethoxycarbonyldifluoromethyl-Group to Heteroarenes with Ethyl Bromodifluoroacetate via Visible-Light Photocatalysis. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 885-891	4.9	82
20	Total synthesis of the trifluoromethylated analog of isoalthalactone: 5-trifluoromethylisoalthalactone. <i>Journal of Fluorine Chemistry</i> , 2013 , 152, 70-76	2.1	10
19	PhI(OAc) ₂ -mediated oxidative trifluoromethylation of arenes with CF ₃ SiMe ₃ under metal-free conditions. <i>Tetrahedron Letters</i> , 2013 , 54, 249-251	2	46
18	Electrophilic trifluoromethylthiolation of allylsilanes with trifluoromethanesulfanamide. <i>Organic Letters</i> , 2013 , 15, 894-7	6.2	101
17	Silver-catalyzed hydrotrifluoromethylation of unactivated alkenes with CF ₃ SiMe ₃ . <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2198-202	16.4	226
16	Copper-mediated oxidative difluoromethylenation of aryl boronic acids with α -silyldifluoromethylphosphonates: a new method for aryldifluorophosphonates. <i>New Journal of Chemistry</i> , 2013 , 37, 1736	3.6	38
15	Silver-Catalyzed Hydrotrifluoromethylation of Unactivated Alkenes with CF ₃ SiMe ₃ . <i>Angewandte Chemie</i> , 2013 , 125, 2254-2258	3.6	69
14	Copper-catalyzed oxidative trifluoromethylthiolation of aryl boronic acids with TMSCF ₃ and elemental sulfur. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2492-5	16.4	269
13	Synthesis of α -fluoroalkylated allylic amines derivatives via palladium-catalyzed Overman rearrangement. <i>Tetrahedron Letters</i> , 2012 , 53, 6853-6857	2	4
12	Copper-catalyzed direct C-H oxidative trifluoromethylation of heteroarenes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1298-304	16.4	291
11	Copper-catalyzed oxidative trifluoromethylation of terminal alkenes using nucleophilic CF ₃ SiMe ₃ : efficient C(sp ³)-CF ₃ bond formation. <i>Organic Letters</i> , 2012 , 14, 2106-9	6.2	159
10	Metal-free oxidative trifluoromethylthiolation of terminal alkynes with CF ₃ SiMe ₃ and elemental sulfur. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12454-7	16.4	227
9	Copper-catalyzed oxidative trifluoromethylation of terminal alkynes and aryl boronic acids using (trifluoromethyl)trimethylsilane. <i>Journal of Organic Chemistry</i> , 2012 , 77, 1251-7	4.2	148

8	Copper-mediated oxidative cross-coupling reaction of terminal alkynes with β -silyldifluoromethylphosphonates: an efficient method for β,β -difluoropropargylphosphonates. <i>Organic Letters</i> , 2012 , 14, 2870-3	6.2	45
7	Copper-Catalyzed Oxidative Trifluoromethylthiolation of Aryl Boronic Acids with TMSCF ₃ and Elemental Sulfur. <i>Angewandte Chemie</i> , 2012 , 124, 2542-2545	3.6	97
6	Copper-Catalyzed Aerobic Oxidative Trifluoromethylation of H-Phosphonates Using Trimethyl(trifluoromethyl)silane. <i>Synthesis</i> , 2012 , 44, 1521-1525	2.9	11
5	Copper-mediated aerobic oxidative trifluoromethylation of terminal alkynes with Me ₃ SiCF ₃ . <i>Journal of the American Chemical Society</i> , 2010 , 132, 7262-3	16.4	246
4	Cu(II)-mediated methylthiolation of aryl C-H bonds with DMSO. <i>Organic Letters</i> , 2010 , 12, 1644-7	6.2	219
3	Copper-mediated oxidative trifluoromethylation of boronic acids. <i>Organic Letters</i> , 2010 , 12, 5060-3	6.2	333
2	Benzoyl peroxide (BPO)-promoted oxidative trifluoromethylation of tertiary amines with trimethyl(trifluoromethyl)silane. <i>Chemical Communications</i> , 2010 , 46, 6285-7	5.8	75
1	CuBr-catalyzed oxidative difluoromethylation of tertiary amines with difluoroenol silyl ethers. <i>Organic Letters</i> , 2009 , 11, 2197-200	6.2	97