

Chuan Zhu

List of Publications by Year in descending order

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papers

659
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840776

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13
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese-catalyzed synthesis of monofluoroalkenes via C-H activation and C-F cleavage. Chemical Communications, 2017, 53, 8731-8734.	4.1	105
2	Selective C-F bond carboxylation of <i>gem</i> -difluoroalkenes with CO ₂ by photoredox/palladium dual catalysis. Chemical Science, 2019, 10, 6721-6726.	7.4	99
3	Ni-catalyzed migratory fluoro-alkenylation of unactivated alkyl bromides with <i>gem</i> -difluoroalkenes. Chemical Science, 2019, 10, 1144-1149.	7.4	90
4	Migratory functionalization of unactivated alkyl bromides for construction of all-carbon quaternary centers via transposed tert-C-radicals. Nature Communications, 2020, 11, 4860.	12.8	77
5	Intermolecular Carboamination of Unactivated Alkenes. Journal of the American Chemical Society, 2018, 140, 10695-10699.	13.7	72
6	Selective C-F Bond Allylation of Trifluoromethylalkenes. Angewandte Chemie - International Edition, 2021, 60, 20237-20242.	13.8	53
7	Nonconventional difluoroalkylation of C(sp ²)-H bonds through hydroarylation. Chemical Communications, 2017, 53, 9482-9485.	4.1	37
8	Pd/Cu cooperative catalysis: an efficient synthesis of (3-isoindazolyl)allenes via cross-coupling of 2-alkynyl azobenzenes and terminal alkynes. Chemical Communications, 2017, 53, 2606-2609.	4.1	34
9	Selective C-F Bond Allylation of Trifluoromethylalkenes. Angewandte Chemie, 2021, 133, 20399-20404.	2.0	28
10	Nickel-Catalyzed anti-Markovnikov Hydroalkylation of Trifluoromethylalkenes. ACS Catalysis, 2022, 12, 9410-9417.	11.2	26
11	Rhodium-Catalyzed Defluorinative Vinylation of <i>gem</i> -Difluoroalkenes for the Synthesis of 2-Fluoro-1,3-dienes. Chinese Journal of Chemistry, 2019, 37, 1036-1040.	4.9	22
12	Expedient Trifluoromethylacylation of Styrenes Enabled by Photoredox Catalysis. Chinese Journal of Chemistry, 2022, 40, 59-64.	4.9	13
13	SN2 TM Defluorinative Allylation of Trifluoromethylalkenes with Allylsilanes. Synthesis, 0, , .	2.3	3