

Dianhu Zhu

List of Publications by Year in descending order

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16
papers

938
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567281

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#	ARTICLE	IF	CITATIONS
1	Silver-Catalyzed Decarboxylative Trifluoromethylthiolation of Aliphatic Carboxylic Acids in Aqueous Emulsion. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6105-6109.	13.8	174
2	<i>N</i> -Difluoromethylthiophthalimide: A Shelf-Stable, Electrophilic Reagent for Difluoromethylthiolation. <i>Journal of the American Chemical Society</i> , 2015, 137, 10547-10553.	13.7	146
3	PhSO ₂ SCF ₂ H: A Shelf-Stable, Easily Scalable Reagent for Radical Difluoromethylthiolation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15807-15811.	13.8	112
4	Radical difluoromethylthiolation of aromatics enabled by visible light. <i>Chemical Science</i> , 2018, 9, 5781-5786.	7.4	64
5	Umpolung of Carbonyl Groups as Alkyl Organometallic Reagent Surrogates for Palladium-Catalyzed Allylic Alkylation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16520-16524.	13.8	60
6	Direct dehydrogenative alkyl Heck-couplings of vinylarenes with umpolung aldehydes catalyzed by nickel. <i>Nature Communications</i> , 2019, 10, 715.	12.8	56
7	Cross-Coupling of Phenol Derivatives with Umpolung Aldehydes Catalyzed by Nickel. <i>ACS Catalysis</i> , 2018, 8, 4622-4627.	11.2	55
8	Nickel-Catalyzed Regioselective Hydrobenzylation of 1,3-Dienes with Hydrazones. <i>ACS Catalysis</i> , 2019, 9, 9199-9205.	11.2	41
9	An Old Dog with New Tricks: Enjoin Wolff-Kishner Reduction for Alcohol Deoxygenation and C-C Bond Formations. <i>Synlett</i> , 2019, 30, 1508-1524.	1.8	38
10	Iron-Catalyzed Nucleophilic Addition Reaction of Organic Carbanion Equivalents via Hydrazones. <i>Organic Letters</i> , 2018, 20, 3801-3805.	4.6	36
11	Two-in-one strategy for fluorene-based spirocycles via Pd(0)-catalyzed spiroannulation of <i>o</i> -iodobiaryls with bromonaphthols. <i>Chemical Science</i> , 2020, 11, 10198-10203.	7.4	29
12	PhSO ₂ SCF ₂ H: A Shelf-Stable, Easily Scalable Reagent for Radical Difluoromethylthiolation. <i>Angewandte Chemie</i> , 2016, 128, 16039-16043.	2.0	28
13	Nickel-Catalyzed Cross-Coupling of Umpolung Carbonyls and Alkyl Halides. <i>Journal of Organic Chemistry</i> , 2019, 84, 6312-6322.	3.2	21
14	A Two-Step, One-Pot, and Multigram-Scale Synthesis of <i>N</i> -Difluoromethylthiophthalimide. <i>Organic Process Research and Development</i> , 2017, 21, 1383-1387.	2.7	18
15	Umpolung of Carbonyl Groups as Alkyl Organometallic Reagent Surrogates for Palladium-Catalyzed Allylic Alkylation. <i>Angewandte Chemie</i> , 2018, 130, 16758-16762.	2.0	15
16	Decarboxylative amination of benzoic acids bearing electron-donating substituents and nonactivated amines. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3281-3292.	4.5	3