

Tian-Jun Gong

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,994
citations

361413

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580821

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26
docs citations

26
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Trifluoromethylation of Terminal Alkenes through Allylic C-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2011, 133, 15300-15303.	13.7	351
2	Rhodium-Catalyzed Directed C-H Cyanation of Arenes with <i>N</i> -Cyano- <i>N</i> -phenyl- <i>p</i> -toluenesulfonamide. <i>Journal of the American Chemical Society</i> , 2013, 135, 10630-10633.	13.7	233
3	Nickel-Catalyzed Defluorinative Reductive Cross-Coupling of <i>gem</i> -Difluoroalkenes with Unactivated Secondary and Tertiary Alkyl Halides. <i>Journal of the American Chemical Society</i> , 2017, 139, 12632-12637.	13.7	214
4	Rhodium-Catalyzed Selective C-H Activation/Olefination of Phenol Carbamates. <i>Organic Letters</i> , 2011, 13, 3235-3237.	4.6	190
5	Nickel-catalyzed allylic defluorinative alkylation of trifluoromethyl alkenes with reductive decarboxylation of redox-active esters. <i>Chemical Science</i> , 2019, 10, 809-814.	7.4	167
6	Ligand-Controlled Regiodivergent Copper-Catalyzed Alkylboration of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12957-12961.	13.8	164
7	Ligand-Controlled Regiodivergent Copper-Catalyzed Alkylboration of Unactivated Terminal Alkynes. <i>ACS Catalysis</i> , 2016, 6, 6417-6421.	11.2	84
8	Rh(III)-Catalyzed C-H Activation with Allenes To Synthesize Conjugated Olefins. <i>Organic Letters</i> , 2014, 16, 330-333.	4.6	69
9	Palladium-Catalyzed Stereoselective Defluorination Arylation/Alkenylation/Alkylation of <i>gem</i> -Difluorinated Cyclopropanes. <i>Organic Letters</i> , 2019, 21, 5645-5649.	4.6	57
10	Access to Divergent Fluorinated Enynes and Arenes via Palladium-Catalyzed Ring-Opening Alkynylation of <i>gem</i> -Difluorinated Cyclopropanes. <i>Organic Letters</i> , 2020, 22, 1414-1419.	4.6	57
11	Rhodium(η^3)-catalyzed cyanation of vinylic C-H bonds: <i>N</i> -cyano- <i>N</i> -phenyl- <i>p</i> -toluenesulfonamide as a cyanation reagent. <i>Chemical Communications</i> , 2015, 51, 11848-11851.	4.1	51
12	Rhodium(III)-Catalyzed Directed C-H Coupling with Methyl Trifluoroacrylate: Diverse Synthesis of Fluoroalkenes and Heterocycles. <i>Organic Letters</i> , 2018, 20, 570-573.	4.6	48
13	Cu/Pd-Catalyzed <i>cis</i> -Borylfluoroallylation of Alkynes for the Synthesis of Boryl-Substituted Monofluoroalkenes. <i>Organic Letters</i> , 2021, 23, 3259-3263.	4.6	44
14	Copper-Catalyzed Alkynylation of Alkenes with Diboron Reagents and Bromoalkynes. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2884-2888.	3.3	34
15	Free Radical Pathway Cleavage of C-O Bonds for the Synthesis of Alkylboron Compounds. <i>Chinese Journal of Chemistry</i> , 2019, 37, 11-18.	4.9	30
16	Three-component reaction of <i>gem</i> -difluorinated cyclopropanes with alkenes and B_{2pin_2} for the synthesis of monofluoroalkenes. <i>Chemical Communications</i> , 2021, 57, 6400-6403.	4.1	29
17	The dual-catalyzed boryldifluoroallylation of alkynes: an efficient method for the synthesis of skipped gem-difluorodienes. <i>Chemical Communications</i> , 2020, 56, 2340-2343.	4.1	27
18	Three-Component Borylallenylation of Alkynes: Access to Densely Boryl-Substituted Ene-allenes. <i>Organic Letters</i> , 2020, 22, 2941-2945.	4.6	25

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19	Copper-Catalyzed Reagent-Controlled Regioselective Cyanoborylation of Vinylarenes. <i>Organic Letters</i> , 2018, 20, 5208-5212.	4.6	24
20	Copper-catalyzed/mediated borylation reactions of epoxides with diboron reagents: access to β -hydroxyl boronic esters. <i>Chemical Communications</i> , 2017, 53, 909-912.	4.1	17
21	Vicinal Diboration of Alkyl Bromides via Tandem Catalysis. <i>Organic Letters</i> , 2019, 21, 4298-4302.	4.6	13
22	Synthesis of Conjugated Boron-Enynes via <i>cis</i> -Alkynylboration of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3937-3942.	4.3	13
23	Regioselective β -Arylation of α -Angelica Lactone through Isomerization/Addition under Mild Conditions. <i>ChemSusChem</i> , 2020, 13, 693-697.	6.8	5
24	Transition-Metal-Free Valorization of Biomass-derived Levulinic Acid Derivatives: Synthesis of Curcumene and Xanthorrhizol. <i>ChemSusChem</i> , 2021, 14, 884-891.	6.8	5
25	14 Application of Selective Asymmetric Borylation to Target Compounds. , 2020, , .		0