

Yi Fang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

477
citations

759233

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times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel-catalyzed reductive thiolation and selenylation of unactivated alkyl bromides. <i>Nature Communications</i> , 2018, 9, 2240.	12.8	106
2	TEMPO-Catalyzed Aerobic Oxidative Selenium Insertion Reaction: Synthesis of 3-Selenylindole Derivatives by Multicomponent Reaction of Isocyanides, Selenium Powder, Amines, and Indoles under Transition-Metal-Free Conditions. <i>Organic Letters</i> , 2018, 20, 930-933.	4.6	62
3	Aerobic radical-cascade cycloaddition of isocyanides, selenium and imidamides: facile access to 1,2,4-selenadiazoles under metal-free conditions. <i>Green Chemistry</i> , 2017, 19, 1613-1618.	9.0	61
4	Base-promoted cascade reaction of isocyanides, selenium and amines: a practical approach to 2-aminobenzo[d][1,3]selenazines under metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1338-1341.	4.5	43
5	Highly Regioselective Rh ^{III} -Catalyzed Thiolation of <i>N</i> -Tosyl Acrylamides: General Access to <i>Z</i> - <i>Î²</i> -Alkenyl Sulfides. <i>Organic Letters</i> , 2018, 20, 6112-6116.	4.6	43
6	RhCl ₃ ·3H ₂ O-Catalyzed Ligand-Enabled Highly Regioselective Thiolation of Acrylic Acids. <i>ACS Catalysis</i> , 2019, 9, 8910-8915.	11.2	31
7	Copper(I)-Catalyzed Ligand-Promoted Multicomponent Reactions of Isocyanides, Selenium, Amines, and Iodoarenes: Access to Highly Functionalized Carbamimidoseleenoates. <i>Journal of Organic Chemistry</i> , 2017, 82, 10866-10874.	3.2	26
8	Synthesis of phthalimides through 1,3-dipolar cycloaddition of CO ₂ with isocyanides and arynes. <i>Tetrahedron</i> , 2015, 71, 2768-2771.	1.9	24
9	A radical-chain reaction of isocyanides with selenosulfonates and water: facile synthesis of selenocarbamates under metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 660-663.	4.5	21
10	Base-Promoted Multicomponent Reactions: A Synthesis of 2-Amino-1,3-selenazole Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 3508-3516.	3.2	18
11	Metal-Free Synthesis of <i>N</i> -(Carboselenoate) Benzimidazolones by Cascade Cyclization of <i>ortho</i> -Diisocyanoarenes and Selenosulfonates. <i>Organic Letters</i> , 2019, 21, 7687-7691.	4.6	17
12	Iodine-promoted one pot reaction of pyridin-2-amine with arylmethyl ketone and selenosulfonate: synthesis of 3-(alkylselenyl)-2-arylimidazo[1,2- <i>a</i>]pyridine under transition-metal free conditions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 654-659.	4.5	14
13	Acyclic aminocarbene-like palladium complex-catalyzed Suzuki-Miyaura reaction at low catalyst loadings. <i>Tetrahedron</i> , 2015, 71, 9679-9683.	1.9	6
14	Nucleophilic Substitution of Selenosulfonates with Me ₃ SiCF ₂ Br: Facile and Efficient Access to Bromodifluoromethylated Selenides under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 18081-18093.	3.2	5