

Xinxin Shao

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,714
citations

516710

16
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of diverse C–S/Se bonds via nickel catalyzed reductive coupling employing thiosulfonates and a selenosulfonate under mild conditions. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1375-1382.	4.5	18
2	C–H Fluoroalkylsulfinylation/Intramolecular Rearrangement for Precise Synthesis of Fluoroalkyl Sulfoxides. <i>Organic Letters</i> , 2022, 24, 3378-3383.	4.6	7
3	A Diastereodivergent and Enantioselective Approach to <i>syn</i> - and <i>anti</i> -Diamines: Development of 2-Azadienes for Cu-Catalyzed Reductive Couplings with Imines That Furnish Allylic Amines. <i>Journal of the American Chemical Society</i> , 2021, 143, 13999-14008.	13.7	28
4	Enantio- and Diastereoselective Synthesis of Homoallylic \pm -Trifluoromethyl Amines by Catalytic Hydroalkylation of Dienes. <i>Organic Letters</i> , 2020, 22, 1681-1685.	4.6	37
5	Catalytic Enantio- and Diastereoselective Cyclopropanation of 2-Azadienes for the Synthesis of Aminocyclopropanes Bearing Quaternary Carbon Stereogenic Centers. <i>Organic Letters</i> , 2019, 21, 7380-7385.	4.6	18
6	2-Azadienes as Enamine Umpolung Synthons for the Preparation of Chiral Amines. <i>Synlett</i> , 2019, 30, 1253-1268.	1.8	8
7	2-Azadienes as Reagents for Preparing Chiral Amines: Synthesis of 1,2-Amino Tertiary Alcohols by Cu-Catalyzed Enantioselective Reductive Couplings with Ketones. <i>Journal of the American Chemical Society</i> , 2018, 140, 598-601.	13.7	81
8	Enantioselective Synthesis of <i>anti</i> -1,2-Diamines by Cu-Catalyzed Reductive Couplings of Azadienes with Aldimines and Ketimines. <i>Journal of the American Chemical Society</i> , 2018, 140, 7083-7087.	13.7	89
9	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
10	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
11	Trifluoromethyl-Substituted Sulfonium Ylide: Rh-Catalyzed Carbenoid Addition to Trifluoromethylthioether. <i>Organic Letters</i> , 2015, 17, 2752-2755.	4.6	67
12	Brønsted acid-catalyzed electrophilic trifluoromethylthiolation of indoles using thermally stable trifluoromethylthiolating reagent. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 73-77.	1.7	52
13	Structure–Reactivity Relationship of Trifluoromethanesulfenates: Discovery of an Electrophilic Trifluoromethylthiolating Reagent. <i>Journal of Organic Chemistry</i> , 2015, 80, 3012-3021.	3.2	137
14	Shelf-Stable Electrophilic Reagents for Trifluoromethylthiolation. <i>Accounts of Chemical Research</i> , 2015, 48, 1227-1236.	15.6	361
15	Copper-Catalyzed Trifluoromethylthiolation of Primary and Secondary Alkylboronic Acids. <i>Organic Letters</i> , 2014, 16, 4738-4741.	4.6	64
16	An Electrophilic Hypervalent Iodine Reagent for Trifluoromethylthiolation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3457-3460.	13.8	378