Xinxin Shao

List of Publications by Year
in descending order

		516710	752698
16	1,714	16	20
papers	citations	h-index	g-index

22	22	22	1063
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Electrophilic Hypervalent Iodine Reagent for Trifluoromethylthiolation. Angewandte Chemie - International Edition, 2013, 52, 3457-3460.	13.8	378
2	Shelf-Stable Electrophilic Reagents for Trifluoromethylthiolation. Accounts of Chemical Research, 2015, 48, 1227-1236.	15.6	361
3	Structureâ€"Reactivity Relationship of Trifluoromethanesulfenates: Discovery of an Electrophilic Trifluoromethylthiolating Reagent. Journal of Organic Chemistry, 2015, 80, 3012-3021.	3.2	137
4	PhSO₂SCF₂H: A Shelfâ€Stable, Easily Scalable Reagent for Radical Difluoromethylthiolation. Angewandte Chemie - International Edition, 2016, 55, 15807-15811.	13.8	112
5	Enantioselective Synthesis of anti-1,2-Diamines by Cu-Catalyzed Reductive Couplings of Azadienes with Aldimines and Ketimines. Journal of the American Chemical Society, 2018, 140, 7083-7087.	13.7	89
6	2-Azadienes as Reagents for Preparing Chiral Amines: Synthesis of 1,2-Amino Tertiary Alcohols by Cu-Catalyzed Enantioselective Reductive Couplings with Ketones. Journal of the American Chemical Society, 2018, 140, 598-601.	13.7	81
7	Trifluoromethyl-Substituted Sulfonium Ylide: Rh-Catalyzed Carbenoid Addition to Trifluoromethylthioether. Organic Letters, 2015, 17, 2752-2755.	4.6	67
8	Copper-Catalyzed Trifluoromethylthiolation of Primary and Secondary Alkylboronic Acids. Organic Letters, 2014, 16, 4738-4741.	4.6	64
9	BrÃ¯sted acid-catalyzed electrophilic trifluoromethylthiolation of indoles using thermally stable trifluoromethylthiolating reagent. Journal of Fluorine Chemistry, 2015, 171, 73-77.	1.7	52
10	Enantio- and Diastereoselective Synthesis of Homoallylic Î±-Trifluoromethyl Amines by Catalytic Hydroalkylation of Dienes. Organic Letters, 2020, 22, 1681-1685.	4.6	37
11	PhSO₂SCF₂H: A Shelfâ€Stable, Easily Scalable Reagent for Radical Difluoromethylthiolation. Angewandte Chemie, 2016, 128, 16039-16043.	2.0	28
12	A Diastereodivergent and Enantioselective Approach to syn- and anti-Diamines: Development of 2-Azatrienes for Cu-Catalyzed Reductive Couplings with Imines That Furnish Allylic Amines. Journal of the American Chemical Society, 2021, 143, 13999-14008.	13.7	28
13	Catalytic Enantio- and Diastereoselective Cyclopropanation of 2-Azadienes for the Synthesis of Aminocyclopropanes Bearing Quaternary Carbon Stereogenic Centers. Organic Letters, 2019, 21, 7380-7385.	4.6	18
14	Construction of diverse Câ€"S/Câ€"Se bonds via nickel catalyzed reductive coupling employing thiosulfonates and a selenosulfonate under mild conditions. Organic Chemistry Frontiers, 2022, 9, 1375-1382.	4.5	18
15	2-Azadienes as Enamine Umpolung Synthons for the Preparation of Chiral Amines. Synlett, 2019, 30, 1253-1268.	1.8	8
16	Câ€"H Fluoroalkylsulfinylation/Intramolecular Rearrangement for Precise Synthesis of Fluoroalkyl Sulfoxides. Organic Letters, 2022, 24, 3378-3383.	4.6	7