Chunfa Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1068439/publications.pdf

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19	1,715	516710 16	713466 21
papers	citations	h-index	g-index

29	29	29	946
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shelf-Stable Electrophilic Reagents for Trifluoromethylthiolation. Accounts of Chemical Research, 2015, 48, 1227-1236.	15.6	361
2	Nâ€Trifluoromethylthiosaccharin: An Easily Accessible, Shelfâ€Stable, Broadly Applicable Trifluoromethylthiolating Reagent. Angewandte Chemie - International Edition, 2014, 53, 9316-9320.	13.8	272
3	Palladium-Catalyzed Trifluoromethylthiolation of Aryl Câ€“H Bonds. Organic Letters, 2014, 16, 2046-2049.	4.6	190
4	N-Trifluoromethylthio-dibenzenesulfonimide: A Shelf-Stable, Broadly Applicable Electrophilic Trifluoromethylthiolating Reagent. Journal of Organic Chemistry, 2016, 81, 7486-7509.	3.2	160
5	Structureâ€“Reactivity Relationship of Trifluoromethanesulfenates: Discovery of an Electrophilic Trifluoromethylthiolating Reagent. Journal of Organic Chemistry, 2015, 80, 3012-3021.	3.2	137
6	Copper-catalyzed trifluoromethylthiolation of aryl and vinyl boronic acids with a shelf-stable electrophilic trifluoromethylthiolating reagent. Organic Chemistry Frontiers, 2014, 1, 294.	4.5	107
7	Lewis Acid Mediated Trifluoromethylthio Lactonization/Lactamization. Organic Letters, 2015, 17, 4561-4563.	4.6	68
8	A Multistage Halogen Bond Catalyzed Strain-Release Glycosylation Unravels New Hedgehog Signaling Inhibitors. Journal of the American Chemical Society, 2019, 141, 5381-5391.	13.7	65
9	Stable Isoâ€osmabenzenes from a Formal [3+3] Cycloaddition Reaction of Metal Vinylidene with Alkynols. Angewandte Chemie - International Edition, 2011, 50, 1354-1358.	13.8	58
10	A robust and tunable halogen bond organocatalyzed 2-deoxyglycosylation involving quantum tunneling. Nature Communications, 2020, 11, 4911.	12.8	37
11	Harnessing noncovalent interaction of chalcogen bond in organocatalysis: From the catalyst point of view. Green Synthesis and Catalysis, 2021, 2, 329-336.	6.8	33
12	An ultra-low thiourea catalyzed strain-release glycosylation and a multicatalytic diversification strategy. Nature Communications, 2018, 9, 4057.	12.8	31
13	Molecular editing in natural product synthesis. Organic Chemistry Frontiers, 2022, 9, 1451-1457.	4.5	24
14	Nucleophilic Trifluoromethylthiolation of Alkyl Chlorides, Bromides and Tosylates. Chinese Journal of Chemistry, 2016, 34, 495-504.	4.9	19
15	Recent Progress on Trifluoromethylthiolation of (Hetero)Aryl Câ€“H Bonds with Electrophilic Trifluoromethylthiolating Reagents. ACS Sustainable Chemistry and Engineering, 2022, 10, 6889-6899.	6.7	15
16	Preparation of Trifluorostyrenes via Palladium-Catalyzed Coupling of Arylboronic Acids with Chloro- and Bromotrifluoroethylene. Journal of Organic Chemistry, 2012, 77, 10314-10320.	3.2	14
17	Palladiumâ€Catalyzed Crossâ€Coupling of Fluorinated Vinyl Chlorides with Terminal Alkynes: A General Protocol to Fluorinated Enynes. Chinese Journal of Chemistry, 2013, 31, 901-907.	4.9	10
18	Skeletal contraction: A novel strategy to access multisubstituted cyclobutane. Green Synthesis and Catalysis, 2022, 3, 1-3.	6.8	5

#	Article	IF	Citations
19	Dinitrogen extrusion from diazene in organic synthesis. Chinese Chemical Letters, 2022, 33, 3695-3700.	9.0	4