

Cong Xu

List of Publications by Year in descending order

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papers

1,405
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623734

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#	ARTICLE	IF	CITATIONS
1	An N -Trifluoromethylation/Cyclization Strategy for Accessing Diverse N -Trifluoromethyl Azoles from Nitriles and 1,3-Dipoles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	23
2	Synthesis of N - CF_3 Amidines/Imidates/Thioimidates <i>via</i> N - CF_3 Nitrilium Ions. <i>Organic Letters</i> , 2022, 24, 2393-2398.	4.6	14
3	ZnI_2 -Catalyzed Aminotrifluoromethylation Cyclization of Alkenes Using PhICF_3Cl . <i>Journal of Organic Chemistry</i> , 2021, 86, 1987-1999.	3.2	13
4	Cyclopentene Synthesis by a Catalytic [3+2] Annulation of Donor-Acceptor Cyclopropanes with Polarized Alkenes. <i>ChemistrySelect</i> , 2020, 5, 11399-11402.	1.5	6
5	Defluorinative Ring-Opening Indolylolation of Siloxydifluorocyclopropanes: Controlled Synthesis of β -Fluoroindolylpropanones for Carbazole Construction. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4.3 5135-5140.	4.3	11
6	Trifluoromethylations of Alkenes Using PhICF_3Cl as Bifunctional Reagent. <i>Journal of Organic Chemistry</i> , 2019, 84, 14209-14216.	3.2	16
7	Aryltrifluoromethylative cyclization of unactivated alkenes by the use of PhICF_3Cl under catalyst-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2162-2168.	2.8	16
8	Catalyst-free and selective trifluoromethylative cyclization of acryloanilides using PhICF_3Cl . <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4593-4599.	2.8	22
9	Recent Advances in Metal-Catalyzed Bond-Forming Reactions of Ketene S,S -Acetals. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1208-1229.	4.3	19
10	Synthesis of Chloro(phenyl)trifluoromethyl iodane and Catalyst-Free Electrophilic Trifluoromethylations. <i>Organic Letters</i> , 2018, 20, 3933-3937.	4.6	49
11	$\text{Me}_3\text{SiCF}_2\text{Br}$ -Self-Assisted Domino Reaction: Catalytic Synthesis of β,β -Difluorocyclopentanones from Methylvinylketones. <i>Organic Letters</i> , 2017, 19, 1850-1853.	4.6	27
12	Transformations based on ring-opening of gem-difluorocyclopropanes. <i>Tetrahedron Letters</i> , 2017, 58, 1806-1816.	1.4	37
13	Synthesis of 2,2-Difluorinated 4-Isoflavanols/4-Thioisoflavanols via a Base-Catalyzed [4 + 2] Annulation Reaction of gem-Difluoroolefins. <i>Journal of Organic Chemistry</i> , 2017, 82, 11348-11357.	3.2	18
14	Ring-Opening Diarylation of Siloxydifluorocyclopropanes by Ag(I) Catalysis: Stereoselective Construction of 2-Fluoroallylic Scaffold. <i>Organic Letters</i> , 2017, 19, 6542-6545.	4.6	28
15	Catalytic Domino Reaction of Ketones/Aldehydes with $\text{Me}_3\text{SiCF}_2\text{Br}$ for the Synthesis of β -Fluoroenones/ β -Fluoroenals. <i>Organic Letters</i> , 2015, 17, 1712-1715.	4.6	41
16	Divergent Reactivity in the Reaction of β -Oxodithioesters and Hydroxylamine: Access to β -Ketonitriles and Isoxazoles. <i>Journal of Organic Chemistry</i> , 2015, 80, 11138-11142.	3.2	17
17	Trifluoromethyltrimethylsilane: Nucleophilic Trifluoromethylation and Beyond. <i>Chemical Reviews</i> , 2015, 115, 683-730.	47.7	920
18	Hydrobromic acid-catalyzed Friedel-Crafts type reactions of naphthols. <i>RSC Advances</i> , 2014, 4, 1559-1562.	3.6	15

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19	Regio- and stereoselective synthesis of 2-cyclopentenones via a hydrogenolysis-terminated Heck cyclization of β^2 -alkylthio dienones. <i>Chemical Communications</i> , 2013, 49, 2201.	4.1	21
20	In Situ Generation of $\text{PhI}^+\text{CF}_3^-$ and Transition-Metal-Free Oxidative $\text{sp}^2\text{-C-H}$ Trifluoromethylation. <i>Chemistry - A European Journal</i> , 2013, 19, 9104-9109.	3.3	86
21	An N-Trifluoromethylation/Cyclization Strategy for Accessing Diverse N-Trifluoromethyl Azoles from Nitriles and 1,3-Dipoles. <i>Angewandte Chemie</i> , 0, , .	2.0	6