

Cong Xu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,405
citations

623734

14
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752698

20
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all docs

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docs citations

26
times ranked

1381
citing authors

#	ARTICLE	IF	CITATIONS
1	Trifluoromethyltrimethylsilane: Nucleophilic Trifluoromethylation and Beyond. <i>Chemical Reviews</i> , 2015, 115, 683-730.	47.7	920
2	In Situ Generation of PhI ⁺ CF ₃ ⁻ and Transition-Metal-Free Oxidative sp ² -C-H Trifluoromethylation. <i>Chemistry - A European Journal</i> , 2013, 19, 9104-9109.	3.3	86
3	Synthesis of Chloro(phenyl)trifluoromethyl iodane and Catalyst-Free Electrophilic Trifluoromethylations. <i>Organic Letters</i> , 2018, 20, 3933-3937.	4.6	49
4	Catalytic Domino Reaction of Ketones/Aldehydes with Me ₃ SiCF ₂ Br for the Synthesis of α -Fluoroenones/ α -Fluoroenals. <i>Organic Letters</i> , 2015, 17, 1712-1715.	4.6	41
5	Transformations based on ring-opening of gem-difluorocyclopropanes. <i>Tetrahedron Letters</i> , 2017, 58, 1806-1816.	1.4	37
6	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
7	Me ₃ SiCF ₂ Br-Self-Assisted Domino Reaction: Catalytic Synthesis of α,α -Difluorocyclopentanones from Methylvinylketones. <i>Organic Letters</i> , 2017, 19, 1850-1853.	4.6	27
8	An <i>N</i> -Trifluoromethylation/Cyclization Strategy for Accessing Diverse <i>N</i> -Trifluoromethyl Azoles from Nitriles and 1,3-Dipoles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	23
9	Catalyst-free and selective trifluoromethylative cyclization of acryloanilides using PhICF ₃ Cl. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4593-4599.	2.8	22
10	Regio- and stereoselective synthesis of 2-cyclopentenones via a hydrogenolysis-terminated Heck cyclization of β -alkylthio dienones. <i>Chemical Communications</i> , 2013, 49, 2201.	4.1	21
11	Recent Advances in Metal-Catalyzed Bond-Forming Reactions of Ketene <i>S,S</i> -Acetals. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1208-1229.	4.3	19
12	Synthesis of 2,2-Difluorinated 4-Isosoflavanols/4-Thioisoflavanols via a Base-Catalyzed [4 + 2] Annulation Reaction of α,α -Difluoroolefins. <i>Journal of Organic Chemistry</i> , 2017, 82, 11348-11357.	3.2	18
13	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
14	Trifluoromethylations of Alkenes Using PhICF ₃ Cl as Bifunctional Reagent. <i>Journal of Organic Chemistry</i> , 2019, 84, 14209-14216.	3.2	16
15	Aryltrifluoromethylative cyclization of unactivated alkenes by the use of PhICF ₃ Cl under catalyst-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2162-2168.	2.8	16
16	Hydrobromic acid-catalyzed Friedel-Crafts type reactions of naphthols. <i>RSC Advances</i> , 2014, 4, 1559-1562.	3.6	15
17	Synthesis of <i>N</i> -CF ₃ Amidines/Imidates/Thioimidates <i>via</i> <i>N</i> -CF ₃ Nitrilium Ions. <i>Organic Letters</i> , 2022, 24, 2393-2398.	4.6	14
18	Zn ₂ -Catalyzed Aminotrifluoromethylation Cyclization of Alkenes Using PhICF ₃ Cl. <i>Journal of Organic Chemistry</i> , 2021, 86, 1987-1999.	3.2	13

#	ARTICLE	IF	CITATIONS
19	Defluorinative Ring-Opening Indolylolation of Siloxydifluorocyclopropanes: Controlled Synthesis of 1,3-Difluoro-2-indolylpropanones for Carbazole Construction. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5135-5140. 4.3	4.3	11
20	Cyclopentene Synthesis by a Catalytic [3+2] Annulation of Donor-Acceptor Cyclopropanes with Polarized Alkenes. <i>ChemistrySelect</i> , 2020, 5, 11399-11402. 1.5	1.5	6
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	2.0	6