

Zhaoqing Xu

List of Publications by Year in descending order

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papers

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236925

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#	ARTICLE	IF	CITATIONS
1	Visible-Light-Driven, Copper-Catalyzed Decarboxylative C(sp ³) ^α -H Alkylation of Glycine and Peptides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15841-15846.	13.8	148
2	Visible-Light-Promoted C(sp ³) ^α -H Alkylation by Intermolecular Charge Transfer: Preparation of Unnatural α -Amino Acids and Late-Stage Modification of Peptides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7461-7466.	13.8	118
3	Copper-Catalyzed Intramolecular Oxytrifluoromethylthiolation of Unactivated Alkenes. <i>Organic Letters</i> , 2014, 16, 5390-5393.	4.6	105
4	Dual-Functional Chiral Cu-Catalyst-Induced Photoredox Asymmetric Cyanofluoroalkylation of Alkenes. <i>ACS Catalysis</i> , 2019, 9, 4470-4476.	11.2	102
5	Highly Enantioselective Organocatalyzed Vinylogous Michael-Type Reaction for the Construction of Trifluoromethylated All-Carbon Quaternary Stereocenters. <i>Organic Letters</i> , 2014, 16, 1394-1397.	4.6	98
6	Visible-Light-Promoted Dearomative Fluoroalkylation of β -Naphthols through Intermolecular Charge Transfer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4747-4751.	13.8	93
7	Visible-Light-Promoted Dearomative Fluoroalkylation of β -Naphthols through Intermolecular Charge Transfer. <i>Angewandte Chemie</i> , 2018, 130, 4837-4841.	2.0	66
8	Catalytic Asymmetric [4 + 3] Annulation of <i>C</i> - <i>N</i> -Cyclic Azomethine Imines with Copper Allenylidenes. <i>Organic Letters</i> , 2018, 20, 6506-6510.	4.6	63
9	C-H Bonds Phosphorylation of Ketene Dithioacetals. <i>Organic Letters</i> , 2015, 17, 1978-1981.	4.6	60
10	Photoinduced, copper-catalyzed three components cyanofluoroalkylation of alkenes with fluoroalkyl iodides as fluoroalkylation reagents. <i>Chemical Communications</i> , 2017, 53, 12317-12320.	4.1	60
11	Direct thiocyanation of ketene dithioacetals under transition-metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 369-372.	4.5	59
12	Visible Light Induced Cu-Catalyzed Asymmetric C(sp ³) ^α -H Alkylation. <i>Journal of the American Chemical Society</i> , 2021, 143, 12777-12783.	13.7	57
13	Synthesis of Monofluoroalkenes through Visible-Light-Promoted Defluorinative Alkylation of <i>gem</i> -Difluoroalkenes with 4-Alkyl-1,4-dihydropyridines. <i>Organic Letters</i> , 2020, 22, 1542-1546.	4.6	53
14	Iodine(III)-Mediated Oxy-fluorination of Alkenyl Oximes: An Easy Path to Monofluoromethyl-Substituted Isoxazolines. <i>Organic Letters</i> , 2015, 17, 3686-3689.	4.6	52
15	Visible-light promoted regioselective amination and alkylation of remote C(sp ³)-H bonds. <i>Nature Communications</i> , 2020, 11, 1463.	12.8	50
16	Transition-Metal-Free Dehydrosilylative Difluoroamidation of Tetrahydroisoquinolines under Mild Conditions. <i>Organic Letters</i> , 2015, 17, 4212-4215.	4.6	45
17	Photoinduced, Copper-Promoted Regio- and Stereoselective Decarboxylative Alkylation of β,β -Unsaturated Acids with Alkyl Iodides. <i>Organic Letters</i> , 2017, 19, 6412-6415.	4.6	43
18	Organocatalytic asymmetric vinylogous Michael addition of 3-alkylidene oxindoles to β -nitroacrylates: facile construction of a chiral all-carbon quaternary center. <i>RSC Advances</i> , 2014, 4, 49930-49933.	3.6	39

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19	Development and Application of O-(Trimethylsilyl)aryl Fluorosulfates for the Synthesis of Arynes. <i>Journal of Organic Chemistry</i> , 2015, 80, 6890-6896.	3.2	37
20	Visible-Light-Promoted Stereoselective C(sp ³)-H Glycosylation for the Synthesis of Glycoamino Acids and Glycopeptides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	36
21	Rhodium(III)-Catalyzed <i>meta</i> -Selective C-H Alkenylation of Phenol Derivatives. <i>Organic Letters</i> , 2018, 20, 5126-5129.	4.6	35
22	Silver-Catalyzed Difluoroamidation of Activated Alkenes for the Construction of Difluorinated 3,3-Disubstituted Oxindoles. <i>Journal of Organic Chemistry</i> , 2016, 81, 5782-5788.	3.2	34
23	CuSO ₄ -Mediated Decarboxylative Difluoroacetamidation of α,β -Unsaturated Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2016, 81, 2639-2645.	3.2	29
24	A <i>meta</i> -selective-C-H alkenylation of phenol-derivatives employing a traceless organosilicon template. <i>Chemical Communications</i> , 2017, 53, 13209-13212.	4.1	29
25	Photo-induced, Cu-catalyzed three component azidofluoroalkylation of alkenes with CF ₃ I and RfI as fluoroalkylation reagents. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1522-1526.	4.5	29
26	Visible-Light-Driven, Copper-Catalyzed Decarboxylative C(sp ³)-H Alkylation of Glycine and Peptides. <i>Angewandte Chemie</i> , 2018, 130, 16067-16072.	2.0	28
27	Visible-Light-Promoted C(sp ³)-H Alkylation by Intermolecular Charge Transfer: Preparation of Unnatural α -Amino Acids and Late-Stage Modification of Peptides. <i>Angewandte Chemie</i> , 2020, 132, 7531-7536.	2.0	28
28	Visible-light-mediated catalyst-free synthesis of unnatural α -amino acids and peptide macrocycles. <i>Nature Communications</i> , 2021, 12, 6873.	12.8	25
29	Arylation of benzyl amines with aromatic nitriles. <i>Chemical Communications</i> , 2018, 54, 11881-11884.	4.1	22
30	Enhanced cell selectivity of hybrid peptides with potential antimicrobial activity and immunomodulatory effect. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129532.	2.4	22
31	Photo-induced preparation of unnatural α -amino acids: synthesis and characterization of novel Leu ⁵ -enkephalin analogues. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2426-2431.	4.5	21
32	Metal-free fluoroalkylfluoroalkylselenolation of unactivated alkenes: incorporation of two photoinduced processes. <i>Green Chemistry</i> , 2020, 22, 4878-4883.	9.0	20
33	Discovery of pyrazole N-aryl sulfonate: A novel and highly potent cyclooxygenase-2 (COX-2) selective inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116344.	3.0	12
34	Chemiluminescent analysis of <i>Staphylococcus aureus</i> utilizing phe11-protonectin against Gram-positive bacteria. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 271-276.	7.8	11
35	The introduction of l-phenylalanine into antimicrobial peptide protonectin enhances the selective antibacterial activity of its derivative phe-Prt against Gram-positive bacteria. <i>Amino Acids</i> , 2021, 53, 23-32.	2.7	9
36	Cu-Catalyzed cyanoalkylation of electron-deficient alkenes with unactivated alkyl bromides. <i>Chemical Communications</i> , 2019, 55, 9991-9994.	4.1	7

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37	Facile synthesis of macrocyclic peptide toxins of GpTx-1 and its analogue. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2143-2147.	4.5	5
38	Quantification of live Gram-positive bacteria via employing artificial antibacterial peptide-coated magnetic spheres as isolation carriers. <i>Microchemical Journal</i> , 2020, 154, 104643.	4.5	5
39	Catalytic Synthesis of 5-Fluoro-2-oxazolines: Using $\text{BF}_3 \cdot \text{Et}_2\text{O}$ as the Fluorine Source and Activating Reagent. <i>ACS Omega</i> , 2022, 7, 19988-19996.	3.5	5
40	Cu reduces hemolytic activity of the antimicrobial peptide HMPI and enhances its trypsin resistance. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 603-611.	2.0	4
41	Visible-Light-Promoted Stereoselective $\text{C}(\text{sp}^3)\text{-}^1\text{H}$ Glycosylation for the Synthesis of α -Glycoamino Acids and α -Glycopeptides. <i>Angewandte Chemie</i> , 0, , .	2.0	4