

Jun Xu

List of Publications by Year in descending order

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52
papers

2,785
citations

172457

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175258

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docs citations

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times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-light-induced C-H sulfenylation of quinoxalin-2(1H)-ones with disulfides by sustainable cerium catalysis. <i>Green Synthesis and Catalysis</i> , 2023, 4, 226-230.	6.8	8
2	Application of Langlois's reagent (NaSO ₂ CF ₃) in C-H functionalisation. <i>Chinese Chemical Letters</i> , 2022, 33, 1227-1235.	9.0	43
3	Molecular oxygen-mediated selective hydroxyalkylation and alkylation of quinoxalin-2(1H)-ones with alkylboronic acids. <i>Chinese Chemical Letters</i> , 2022, 33, 2036-2040.	9.0	14
4	Functionalized quinoxalinones as privileged structures with broad-ranging pharmacological activities. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114085.	5.5	44
5	γ-Functionalization of ketones promoted by sunlight and heterogeneous catalysis in the aqueous phase. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 790-795.	2.8	3
6	Visible-light-induced decarboxylative alkylation of quinoxalin-2(1H)-ones with phenyliodine(III) dicarboxylates by cerium photocatalysis. <i>Molecular Catalysis</i> , 2022, 519, 112145.	2.0	7
7	Selective Mono- and Diamination of Ketones in a Combined Copper-Organocatalyst System. <i>Organic Letters</i> , 2022, 24, 3614-3619.	4.6	14
8	Programming a cyanide-free transformation of aldehydes to nitriles and one-pot synthesis of amides through tandem chemo-enzymatic cascades. <i>RSC Advances</i> , 2022, 12, 17873-17881.	3.6	7
9	A HCl-Mediated, Metal- and Oxidant-Free Photocatalytic Strategy for C3 Arylation of Quinoxalin(on)es with Arylhydrazine. <i>Catalysts</i> , 2022, 12, 633.	3.5	4
10	Practical chemoselective aromatic substitution: the synthesis of <i>N</i> -(4-halo-2-nitrophenyl)benzenesulfonamide through the efficient nitration and halogenation of <i>N</i> -phenylbenzenesulfonamide. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5444-5451.	2.8	2
11	Synthesis of <i>N</i> -Quinoxalinone Oximes through a Multicomponent Reaction under Mild Conditions. <i>Organic Letters</i> , 2021, 23, 195-201.	4.6	63
12	Oxidative Sulfonylation of Hydrazones Enabled by Synergistic Copper/Silver Catalysis. <i>Journal of Organic Chemistry</i> , 2021, 86, 3706-3720.	3.2	19
13	A combination of heterogeneous catalysis and photocatalysis for the olefination of quinoxalin-2(1 <i>H</i>)-ones with ketones in water: a green and efficient route to <i>Z</i> -enaminones. <i>Green Chemistry</i> , 2021, 23, 2123-2129.	9.0	48
14	Copper-catalyzed selective oxidation of hydrazones through C(sp ³)-H Functionalization. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8917-8923.	2.8	4
15	Direct <i>para</i> -C-H heteroarylation of anilines with quinoxalinones by metal-free cross-dehydrogenative coupling under an aerobic atmosphere. <i>Green Chemistry</i> , 2021, 23, 6632-6638.	9.0	47
16	Selective oxidation of alkenes to carbonyls under mild conditions. <i>Green Chemistry</i> , 2021, 23, 5549-5555.	9.0	38
17	Constructing a triangular metallacycle with salen-Al and its application to a catalytic cyanosilylation reaction. <i>Chemical Communications</i> , 2021, 57, 10399-10402.	4.1	1
18	Photoinduced Rapid Multicomponent Cascade Reaction of Aryldiazonium Salts with Unactivated Alkenes and TMSN ₃ . <i>Organic Letters</i> , 2021, 23, 1204-1208.	4.6	39

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19	Visible-light-induced C H arylation of quinoxalin-2(1H)-ones in H ₂ O. <i>Tetrahedron Letters</i> , 2021, 66, 152841.	1.4	23
20	Rapid alkenylation of quinoxalin-2(1H)-ones enabled by the sequential Mannich-type reaction and solar photocatalysis. <i>Chinese Chemical Letters</i> , 2021, 32, 3627-3631.	9.0	31
21	Multicomponent Bifunctionalization of Methyl Ketones Enabled by Heterogeneous Catalysis and Solar Photocatalysis in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13663-13671.	6.7	41
22	Photo-induced oxidative cleavage of C-C double bonds of olefins in water. <i>Tetrahedron Letters</i> , 2021, 80, 153321.	1.4	10
23	Hypervalent iodine(iii)-promoted rapid cascade reaction for the synthesis of unsymmetric azo compounds. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3119-3123.	2.8	11
24	Photo-Induced Cross-Dehydrogenative Alkylation of Heteroarenes with Alkanes under Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 17816-17832.	3.2	32
25	Hypervalent Iodine(III)-Promoted Rapid Cascade Reaction of Quinoxalinones with Unactivated Alkenes and TMSN ₃ . <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 230-241.	4.3	78
26	Heterogeneous chitosan@nickel (II)-catalyzed tandem radical cyclization of N-arylacrylamides: A general method for constructing fluorinated 3,3-disubstituted oxindoles using perfluoroalkyl iodides. <i>Catalysis Communications</i> , 2020, 133, 105832.	3.3	7
27	Visible light-driven oxidative coupling of dibenzylamine and substituted anilines with a 2D WSe ₂ nanomesh material. <i>Nanoscale</i> , 2020, 12, 21869-21878.	5.6	5
28	Photocatalyst-, metal- and additive-free, direct C-H arylation of quinoxalin-2(1H)-ones with aryl acyl peroxides induced by visible light. <i>Organic Chemistry Frontiers</i> , 2020, 7, 4031-4042.	4.5	76
29	Iron(III)-Mediated Rapid Radical-Type Three-Component Deuteration of Quinoxalinones With Olefins and NaBD ₄ . <i>Frontiers in Chemistry</i> , 2020, 8, 606.	3.6	8
30	Synthesis of quinazolin-4-ones through an acid ion exchange resin mediated cascade reaction. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4406-4414.	2.8	1
31	Transition-Metal-Free C ₂ H Sulfonylation of Quinoline N-Oxides via Insertion of Sulfur Dioxide. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2105-2108.	2.7	9
32	Platinum(II)-catalyzed selective <i>para</i> -C-H alkoxylation of arylamines through a coordinating activation strategy. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 490-497.	2.8	19
33	Transition-Metal and Solvent-Free Oxidative C-H Fluoroalkoxylation of Quinoxalinones with Fluoroalkyl Alcohols. <i>Organic Letters</i> , 2019, 21, 4698-4702.	4.6	110
34	2D Single Crystal WSe ₂ and MoSe ₂ Nanomeshes with Quantifiable High Exposure of Layer Edges from 3D Mesoporous Silica Template. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17670-17677.	8.0	28
35	The visible-light-triggered regioselective alkylation of quinoxalin-2(1H)-ones via decarboxylation coupling. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 10201-10208.	2.8	55
36	Coordinating Activation Strategy-Induced Selective C-H Trifluoromethylation of Anilines. <i>ChemCatChem</i> , 2018, 10, 965-970.	3.7	38

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37	Copper-catalyzed Regioselective Nitration and Azidation of 1-Naphthylamine Derivatives via Remote C-H Activation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4571-4576.	2.4	19
38	Copper(II)-catalyzed Selective <i>para</i> -Amination of Arylamine with Pyrazole by C-H Functionalization. <i>ChemCatChem</i> , 2018, 10, 3675-3679.	3.7	42
39	Transition-metal-free direct perfluoroalkylation of quinoline amides at C5 position through radical cross-coupling under mild conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1116-1120.	4.5	52
40	Nickel(II)-Catalyzed Site-Selective C-H Bond Trifluoromethylation of Arylamine in Water through a Coordinating Activation Strategy. <i>Organic Letters</i> , 2017, 19, 5661-5664.	4.6	87
41	Heterogeneous Chitosan@Copper(II)-catalyzed Remote Trifluoromethylation of Aminoquinolines with the Langlois Reagent by Radical Cross-Coupling. <i>ChemCatChem</i> , 2016, 8, 3560-3564.	3.7	60
42	Catalyst-controlled Selectivity in the Synthesis of C2- and C3-sulfonate Esters from Quinoline <i>N</i> -oxides and Aryl Sulfonyl Chlorides. <i>ChemCatChem</i> , 2016, 8, 2604-2608.	3.7	40
43	Copper(II)-catalyzed Direct Azidation of <i>N</i> -acylated 8-aminoquinolines by Remote C-H Activation. <i>ChemCatChem</i> , 2016, 8, 3570-3574.	3.7	45
44	Remote C-H Activation of Quinolines through Copper-catalyzed Radical Cross-Coupling. <i>Chemistry - an Asian Journal</i> , 2016, 11, 882-892.	3.3	130
45	Copper-catalyzed C5 and C7 halogenation of quinolines using sodium halides under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3016-3021.	2.8	103
46	A highly efficient synthesis of N-glycosyl-1,2,3-triazoles using a recyclable cellulose-copper(0) catalyst in water. <i>Catalysis Communications</i> , 2016, 79, 11-16.	3.3	38
47	A novel <i>dppe</i> -glucosamine-derived pyridyl-triazole-palladium catalyst for solvent-free Mizoroki-Heck reactions and its application in the synthesis of Axitinib. <i>Green Chemistry</i> , 2015, 17, 225-230.	9.0	62
48	Recent advances in C-S bond formation via C-H bond functionalization and decarboxylation. <i>Chemical Society Reviews</i> , 2015, 44, 291-314.	38.1	702
49	A highly efficient way to capture CX ₂ (O, S) mildly in reusable ReILs at atmospheric pressure. <i>Green Chemistry</i> , 2014, 16, 3142.	9.0	36
50	A highly active and easily recoverable chitosan@copper catalyst for the C-S coupling and its application in the synthesis of zolimidine. <i>Green Chemistry</i> , 2014, 16, 3007-3012.	9.0	142
51	A concise, efficient synthesis of sugar-based benzothiazoles through chemoselective intramolecular C-S coupling. <i>Chemical Science</i> , 2012, 3, 2388.	7.4	67
52	Synthesis of Vinyl Sulfides by Copper-Catalyzed Decarboxylative C-S Cross-Coupling. <i>Organic Letters</i> , 2010, 12, 4134-4136.	4.6	173