

Xuan-Hui Ouyang

List of Publications by Year in descending order

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31
papers

2,112
citations

236612

25
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395343

33
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33
docs citations

33
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-free oxidative tandem coupling of activated alkenes with carbonyl C(sp ²)-H bonds and aryl C(sp ²)-H bonds using TBHP. <i>Chemical Science</i> , 2013, 4, 2690.	3.7	254
2	Metal-Free Radical [2+2+1] Carbocyclization of Benzene-Linked 1, <i>n</i> -Enynes: Dual C(sp ³)-H Functionalization Adjacent to a Heteroatom. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9577-9580.	7.2	173
3	Rhodium(III)-Catalyzed [3+2]/[5+2] Annulation of 4-Aryl 1,2,3-Triazoles with Internal Alkynes through Dual C(sp ²)-H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6595-6599.	7.2	134
4	Copper-catalyzed oxidative ipso-carboalkylation of activated alkynes with ethers leading to 3-etherified azaspiro[4.5]trienones. <i>Organic Chemistry Frontiers</i> , 2014, 1, 484.	2.3	126
5	Silver-Mediated Intermolecular 1,2-Alkylarylation of Styrenes with α -Carbonyl Alkyl Bromides and Indoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3187-3191.	7.2	125
6	Metal-Free Oxidative ipso-Carboacylation of Alkynes: Synthesis of 3-Acylspiro[4,5]trienones from <i>N</i> -Arylpropiolamides and Aldehydes. <i>Journal of Organic Chemistry</i> , 2014, 79, 4582-4589.	1.7	106
7	Nitrative Spirocyclization Mediated by TEMPO: Synthesis of Nitrated Spirocycles from <i>N</i> -Arylpropiolamides, <i>tert</i> -Butyl Nitrite and Water. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1161-1166.	2.1	104
8	Intermolecular dialkylation of alkenes with two distinct C(sp ³)-H bonds enabled by synergistic photoredox catalysis and iron catalysis. <i>Science Advances</i> , 2019, 5, eaav9839.	4.7	84
9	Synthesis of 3-alkyl spiro[4,5]trienones by copper-catalyzed oxidative ipso-annulation of activated alkynes with unactivated alkanes. <i>Chemical Communications</i> , 2016, 52, 2573-2576.	2.2	83
10	Copper-catalyzed oxidative [2+2+1] annulation of 1, <i>n</i> -enynes with α -carbonyl alkyl bromides through C-Br/C-H functionalization. <i>Chemical Communications</i> , 2016, 52, 3328-3331.	2.2	80
11	Copper-Catalyzed Radical [2 + 2 + 1] Annulation of Benzene-Linked 1, <i>n</i> -Enynes with Azide: Fused Pyrroline Compounds. <i>Organic Letters</i> , 2015, 17, 6038-6041.	2.4	77
12	Recent advances in the radical-mediated decyanative alkylation of cyano(hetero)arene. <i>Green Synthesis and Catalysis</i> , 2021, 2, 145-155.	3.7	63
13	Nitrative Cyclization of α -Ethynyl α -(vinyloxy)benzenes to Access α -(2-(Nitromethyl)benzofuran-3-yl) Ketones Through Dioxygen Activation. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3332-3340.	2.1	60
14	Alkylamination of Styrenes with Alkyl <i>N</i> -Hydroxyphthalimide Esters and Amines by B(C ₆ H ₅) ₃ -Facilitated Photoredox Catalysis. <i>Organic Letters</i> , 2018, 20, 6659-6662.	2.4	60
15	1,2-Diarylation of alkenes with aryldiazonium salts and arenes enabled by visible light photoredox catalysis. <i>Chemical Communications</i> , 2018, 54, 8745-8748.	2.2	60
16	Alkylation/1,2-aryl migration of α -aryl allylic alcohols with α -carbonyl alkyl bromides using visible-light photoredox catalysis. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1457-1467.	2.3	56
17	The photoredox alkylation of styrenes with alkyl <i>N</i> -hydroxyphthalimide esters and arenes involving C-H functionalization. <i>Chemical Communications</i> , 2019, 55, 14637-14640.	2.2	48
18	Iron-Catalyzed Oxidative 1,2-Carboacylation of Activated Alkenes with Alcohols: A Tandem Route to α -(2-oxoethyl)indolinones. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3395-3401.	1.2	47

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19	Radical-mediated alkoxy polyhaloalkylation of styrenes with polyhaloalkanes and alcohols <i>via</i> C(sp ³)-H bond cleavage. <i>Chemical Communications</i> , 2021, 57, 3684-3687.	2.2	42
20	Metal-free Oxidative Decarbonylative Hydroalkylation of Alkynes with Secondary and Tertiary Alkyl Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1903-1909.	2.1	39
21	Metal-free carbonyl C(sp ²)-H oxidative alkylation of aldehydes using hypervalent iodine reagents leading to ynones. <i>Chemical Communications</i> , 2015, 51, 14497-14500.	2.2	35
22	Recent Developments in the Polychloroalkylation by Use of Simple Alkyl Chlorides. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 290-304.	2.1	35
23	Silver-mediated Intermolecular 1,2-Alkylarylation of Styrenes with Carbonyl Alkyl Bromides and Indoles. <i>Angewandte Chemie</i> , 2016, 128, 3239-3243.	1.6	27
24	Electrochemical radical C(sp ³)-H arylation of xanthenes with electron-rich arenes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 816-821.	2.3	26
25	Three-component photoredox 1,2-alkylamination of styrenes with alkanes and nitrogen nucleophiles <i>via</i> C(sp ³)-H bond cleavage. <i>Organic Chemistry Frontiers</i> , 2021, 8, 7009-7014.	2.3	22
26	Benzylic C-H heteroarylation of N-(benzyloxy)phthalimides with cyanopyridines enabled by photoredox 1,2-hydrogen atom transfer. <i>Chemical Communications</i> , 2020, 56, 8671-8674.	2.2	21
27	Copper-catalyzed oxidative decarboxylative alkylation of cinnamic acids with 4-alkyl-1,4-dihydropyridines. <i>Chemical Communications</i> , 2020, 56, 14055-14058.	2.2	20
28	Iron-Catalyzed Oxidative Arylmethylation of Activated Alkenes Using a Peroxide as the Methyl Source. <i>Synlett</i> , 2014, 25, 657-660.	1.0	19
29	Copper-promoted cross-coupling of nitroarenes with 4-alkyl-1,4-dihydropyridines using a peroxide-driven radical reductive strategy. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4070-4077.	2.3	6
30	Copper-catalyzed Oxidative 1,2-Alkylarylation of Styrenes with Unactivated C(sp ³)-H Alkanes and Electron-rich Aromatics via C(sp ³)-H/C(sp ²)-H Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2772-2782.	2.1	6
31	Copper-catalyzed fluoroamide-directed remote benzylic C-H olefination: facile access to internal alkenes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4309-4315.	2.3	3