

Xuesong Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photoredox/Cobalt Dual Catalysis Enabled Regiospecific Synthesis of Distally Unsaturated Ketones with Hydrogen Evolution. <i>ACS Catalysis</i> , 2022, 12, 3710-3718.	5.5	30
2	Direct Photoexcitation of Xanthate Anions for Deoxygenative Alkenylation of Alcohols. <i>Organic Letters</i> , 2022, 24, 3199-3204.	2.4	21
3	Photoredox/persistent radical cation dual catalysis for alkoxy radical generation from alcohols. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3532-3539.	2.3	7
4	Selective deoxygenative alkylation of alcohols via photocatalytic domino radical fragmentations. <i>Nature Communications</i> , 2021, 12, 5365.	5.8	51
5	Tandem Catalysis: Transforming Alcohols to Alkenes by Oxidative Dehydroxymethylation. <i>Journal of the American Chemical Society</i> , 2018, 140, 10126-10130.	6.6	42
6	Transforming Olefins into β -Unsaturated Nitriles through Copper Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11589-11593.	7.2	62
7	Transforming Olefins into β , γ -Unsaturated Nitriles through Copper Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 11747-11751.	1.6	10
8	Copper-promoted site-selective carbonylation of sp^3 and sp^2 C-H bonds with nitromethane. <i>Chemical Science</i> , 2016, 7, 5260-5264.	3.7	48
9	Diastereodivergent Construction of Bicyclic β -Lactones via Enantioselective Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 12013-12016.	6.6	78
10	Pyridine-enabled copper-promoted cross dehydrogenative coupling of $C(sp^2)$ -H and unactivated $C(sp^3)$ -H bonds. <i>Chemical Science</i> , 2015, 6, 5978-5983.	3.7	61
11	Copper-catalyzed diastereoselective aerobic intramolecular dehydrogenative coupling of hydrazones via sp^3 C-H functionalization. <i>Chemical Science</i> , 2015, 6, 5882-5890.	3.7	34
12	Cobalt-catalysed site-selective intra- and intermolecular dehydrogenative amination of unactivated sp^3 carbons. <i>Nature Communications</i> , 2015, 6, 6462.	5.8	229
13	Direct Aerobic Carbonylation of $C(sp^2)$ -H and $C(sp^3)$ -H Bonds through Ni/Cu Synergistic Catalysis with DMF as the Carbonyl Source. <i>Journal of the American Chemical Society</i> , 2015, 137, 4924-4927.	6.6	223
14	Copper-Catalyzed Site-Selective Intramolecular Amidation of Unactivated $C(sp^3)$ -H Bonds. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3706-3710.	7.2	196
15	Nickel-Catalyzed Site-Selective Alkylation of Unactivated $C(sp^3)$ -H Bonds. <i>Journal of the American Chemical Society</i> , 2014, 136, 1789-1792.	6.6	274
16	Copper-Promoted Site-Selective Acyloxylation of Unactivated $C(sp^3)$ -H Bonds. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2736-2739.	1.7	45
17	Nickel-Catalyzed Site-Selective Amidation of Unactivated $C(sp^3)$ -H Bonds. <i>Chemistry - A European Journal</i> , 2014, 20, 9530-9533.	1.7	134