

Chang-Sheng Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cobalt-Catalyzed Carbo- and Hydrocyanation of Alkynes via C≡CN Bond Activation. <i>ACS Catalysis</i> , 2022, 12, 4054-4066.	5.5	11
2	Regio- and Stereoselective Synthesis of Enol Carboxylate, Phosphate, and Sulfonate Esters via Iodo(III)functionalization of Alkynes. <i>Organic Letters</i> , 2022, 24, 430-434.	2.4	7
3	Robust Cobalt Catalyst for Nitrile/Alkyne [2+2+2] Cycloaddition: Synthesis of Polyarylpyridines and Their Mechanochemical Cyclodehydrogenation to Nitrogen-Containing Polyaromatics**. <i>Angewandte Chemie</i> , 2021, 133, 9713-9720.	1.6	4
4	Robust Cobalt Catalyst for Nitrile/Alkyne [2+2+2] Cycloaddition: Synthesis of Polyarylpyridines and Their Mechanochemical Cyclodehydrogenation to Nitrogen-Containing Polyaromatics**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9627-9634.	7.2	34
5	Cobalt/Lewis Acid Catalysis for Hydrocarbofunctionalization of Alkynes via Cooperative C-H Activation. <i>Journal of the American Chemical Society</i> , 2020, 142, 12878-12889.	6.6	51
6	Access to 3-(2-oxoalkyl)azaspiro[4.5]trienones via Acid-Triggered Oxidative Cascade Reaction through Alkenyl Peroxide Radical Intermediate. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 445-450.	2.1	45
7	Photoredox Catalysis for Building C-C Bonds from C(sp ²)-H Bonds. <i>Chemical Reviews</i> , 2018, 118, 7532-7585.	23.0	591
8	Metal-free C(sp ³)-H bond sulfonyloxylation of 2-alkylpyridines and alkylnitrones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4954-4957.	1.5	9
9	Ruthenium-Catalyzed C-H Bond Alkylation of Arylphosphine Oxides with Alkenes: A Straightforward Access to Bifunctional Phosphorous Ligands with a Pendent Carboxylate. <i>ChemCatChem</i> , 2017, 9, 3117-3120.	1.8	25
10	Copper-Catalyzed Oxidative Dehydrogenative C(sp ³)-H Bond Amination of (Cyclo)Alkanes using NH-Heterocycles as Amine Sources. <i>ChemSusChem</i> , 2017, 10, 3075-3082.	3.6	25
11	Synthesis of 2-Pyridinemethyl Ester Derivatives from Aldehydes and 2-Alkylheterocycle N-Oxides via Copper-Catalyzed Tandem Oxidative Coupling-Rearrangement. <i>Organic Letters</i> , 2017, 19, 6720-6723.	2.4	30
12	Copper-catalyzed trifluoromethylation of organic zinc reagents with an electrophilic trifluoromethylating reagent. <i>RSC Advances</i> , 2015, 5, 24783-24787.	1.7	7
13	Nickel-Catalyzed β -Arylation of Zinc Enolates with Polyfluoroarenes via C-F Bond Activation under Neutral Conditions. <i>Organic Letters</i> , 2014, 16, 5544-5547.	2.4	42