

Chang-Sheng Wang

List of Publications by Year in descending order

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1039406

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#	ARTICLE	IF	CITATIONS
1	Photoredox Catalysis for Building C–C Bonds from C(sp ²)–H Bonds. <i>Chemical Reviews</i> , 2018, 118, 7532-7585.	23.0	591
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Cobalt-Catalyzed Carbo- and Hydrocyanation of Alkynes via C–CN Bond Activation. <i>ACS Catalysis</i> , 2022, 12, 4054-4066.	5.5	11
10	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
11	Copper-catalyzed trifluoromethylation of organic zinc reagents with an electrophilic trifluoromethylating reagent. <i>RSC Advances</i> , 2015, 5, 24783-24787.	1.7	7
12	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
13	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