

Pan Peng

List of Publications by Year in descending order

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13
papers

844
citations

623734

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1058476

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docs citations

14
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical C-C bond cleavage of cyclopropanes towards the synthesis of 1,3-difunctionalized molecules. <i>Nature Communications</i> , 2021, 12, 3075.	12.8	54
2	Electrochemical oxidative aminocarbonylation of terminal alkynes. <i>Nature Catalysis</i> , 2020, 3, 438-445.	34.4	75
3	Binary Transition-Metal Oxide Hollow Nanoparticles for Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24715-24724.	8.0	60
4	Visible light mediated aerobic radical C-H phosphorization toward arylphosphonates. <i>Organic Chemistry Frontiers</i> , 2016, 3, 749-752.	4.5	73
5	Catalyst-Free Difunctionalization of Activated Alkenes in Water: Efficient Synthesis of β -Keto Sulfides and Sulfones. <i>Chemistry - A European Journal</i> , 2016, 22, 14489-14493.	3.3	47
6	Dioxygen-induced oxidative activation of a P-H bond: radical oxyphosphorylation of alkenes and alkynes toward β -oxy phosphonates. <i>Chemical Communications</i> , 2016, 52, 12338-12341.	4.1	59
7	Copper-Catalyzed Aerobic Decarboxylation/Ketooxygenation of Electron-Deficient Alkenes. <i>Chemistry - A European Journal</i> , 2015, 21, 18580-18583.	3.3	22
8	O_2 -mediated $C(sp^2)$ -X bond oxygenation: autoxidative carbon-heteroatom bond formation using activated alkenes as a linkage. <i>RSC Advances</i> , 2015, 5, 24494-24498.	3.6	37
9	NMP and O_2 as Radical Initiator: Trifluoromethylation of Alkenes to Tertiary β -Trifluoromethyl Alcohols at Room Temperature. <i>Organic Letters</i> , 2015, 17, 6034-6037.	4.6	72
10	Operando X-ray absorption and EPR evidence for a single electron redox process in copper catalysis. <i>Chemical Science</i> , 2015, 6, 4851-4854.	7.4	65
11	Autoinductive thiolation/oxygenation of alkenes at room temperature. <i>Organic Chemistry Frontiers</i> , 2015, 2, 908-912.	4.5	38
12	Copper-Catalyzed Trifluoromethylation-Initiated Radical Oxidative Annulation toward Oxindoles. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 273-276.	2.7	38
13	Iron-Catalyzed Oxidative Radical Cross-Coupling/Cyclization between Phenols and Olefins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7151-7155.	13.8	160