

Fei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9992039/publications.pdf>

Version: 2024-02-01

13
papers

2,739
citations

758635

12
h-index

1199166

12
g-index

13
all docs

13
docs citations

13
times ranked

2109
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective cyanation of benzylic C-H bonds via copper-catalyzed radical relay. <i>Science</i> , 2016, 353, 1014-1018.	6.0	496
2	Copper-Catalyzed Radical Relay for Asymmetric Radical Transformations. <i>Accounts of Chemical Research</i> , 2018, 51, 2036-2046.	7.6	422
3	Electrochemical Oxidation of Organic Molecules at Lower Overpotential: Accessing Broader Functional Group Compatibility with Electron-Proton Transfer Mediators. <i>Accounts of Chemical Research</i> , 2020, 53, 561-574.	7.6	347
4	Copper-Catalyzed Intermolecular Trifluoromethylazidation of Alkenes: Convenient Access to CF ₃ -Containing Alkyl Azides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1881-1886.	7.2	288
5	Enantioselective Copper-Catalyzed Intermolecular Cyanotrifluoromethylation of Alkenes via Radical Process. <i>Journal of the American Chemical Society</i> , 2016, 138, 15547-15550.	6.6	267
6	Copper-Catalyzed Intermolecular Trifluoromethylarylation of Alkenes: Mutual Activation of Arylboronic Acid and CF ₃ Reagent. <i>Journal of the American Chemical Society</i> , 2014, 136, 10202-10205.	6.6	243
7	Merging Photochemistry with Electrochemistry: Functional-Group Tolerant Electrochemical Amination of C(sp ³)-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6385-6390.	7.2	187
8	Divergent Synthesis of CF ₃ -Substituted Allenyl Nitriles by Ligand-Controlled Radical 1,2- and 1,4-Addition to 1,3-Enynes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7140-7145.	7.2	141
9	Copper-Catalyzed Trifluoromethylazidation of Alkynes: Efficient Access to CF ₃ -Substituted Azirines and Aziridines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9356-9360.	7.2	135
10	Electrochemical Functional-Group-Tolerant Shono-Type Oxidation of Cyclic Carbamates Enabled by Aminoxyl Mediators. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6686-6690.	7.2	103
11	Electrochemical Strategy for Hydrazine Synthesis: Development and Overpotential Analysis of Methods for Oxidative N-N Coupling of an Ammonia Surrogate. <i>Journal of the American Chemical Society</i> , 2020, 142, 12349-12356.	6.6	51
12	Copper-catalysed asymmetric radical cyanation. , 2022, 1, 107-116.		40
13	Stable Tetrasubstituted Quinone Redox Reservoir for Enhancing Decoupled Hydrogen and Oxygen Evolution. <i>ACS Energy Letters</i> , 2021, 6, 1533-1539.	8.8	19