

Tianfei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

1,250
citations

933447

10
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Trifluoromethylation of Aryl and Vinyl Boronic Acids with An Electrophilic Trifluoromethylating Reagent. <i>Organic Letters</i> , 2011, 13, 2342-2345.	4.6	304
2	Proton-Coupled Electron Transfer Guidelines, Fair and Square. <i>Journal of the American Chemical Society</i> , 2021, 143, 560-576.	13.7	265
3	Progress in Copper-Mediated Formation of Trifluoromethylated Arenes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6679-6687.	2.4	221
4	Highly Selective Trifluoromethylation of 1,3-Disubstituted Arenes through Iridium-Catalyzed Arene Borylation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 540-543.	13.8	193
5	Accelerating proton-coupled electron transfer of metal hydrides in catalyst model reactions. <i>Nature Chemistry</i> , 2018, 10, 881-887.	13.6	78
6	Copper-Catalyzed Trifluoromethylthiolation of Primary and Secondary Alkylboronic Acids. <i>Organic Letters</i> , 2014, 16, 4738-4741.	4.6	64
7	Elucidating Proton-Coupled Electron Transfer Mechanisms of Metal Hydrides with Free Energy- and Pressure-Dependent Kinetics. <i>Journal of the American Chemical Society</i> , 2019, 141, 17245-17259.	13.7	30
8	Applications of Proton-Coupled Electron Transfer in Organic Synthesis. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3844.	1.3	16
9	Direct Spectroscopic Detection of Key Intermediates and the Turnover Process in Catalytic H ₂ Formation by a Biomimetic Diiron Catalyst. <i>Chemistry - A European Journal</i> , 2019, 25, 11135-11140.	3.3	10