

Wei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,410
citations

516710

16
h-index

839539

18
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23
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23
docs citations

23
times ranked

1662
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Aliphatic C-H Fluorination with Fluoride Ion Catalyzed by a Manganese Porphyrin. <i>Science</i> , 2012, 337, 1322-1325.	12.6	478
2	Targeted Fluorination with the Fluoride Ion by Manganese-Catalyzed Decarboxylation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5241-5245.	13.8	129
3	Tuning Gold Nanoparticles with Chelating Ligands for Highly Efficient Electrocatalytic CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12675-12679.	13.8	108
4	Csp ³ -Csp ³ Bond-Forming Reductive Elimination from Well-Defined Copper(III) Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 3153-3159.	13.7	98
5	Copper-Catalyzed, Chloroamide-Directed Benzylic C-H Difluoromethylation. <i>Journal of the American Chemical Society</i> , 2019, 141, 19941-19949.	13.7	77
6	Copper-Mediated Trifluoromethylation of Benzylic Csp ³ -H Bonds. <i>Chemistry - A European Journal</i> , 2018, 24, 11559-11563.	3.3	76
7	Supramolecular Porphyrin Cages Assembled at Molecular-Materials Interfaces for Electrocatalytic CO Reduction. <i>ACS Central Science</i> , 2017, 3, 1032-1040.	11.3	65
8	Copper-Catalyzed Decarboxylative Difluoromethylation. <i>Journal of the American Chemical Society</i> , 2019, 141, 11398-11403.	13.7	65
9	Electrochemical benzylic oxidation of C-H bonds. <i>Chemical Communications</i> , 2019, 55, 937-940.	4.1	52
10	Aryl Radical Activation of C=O Bonds: Copper-Catalyzed Deoxygenative Difluoromethylation of Alcohols. <i>Journal of the American Chemical Society</i> , 2021, 143, 9952-9960.	13.7	43
11	Oxidative aliphatic C-H fluorination with manganese catalysts and fluoride ion. <i>Nature Protocols</i> , 2013, 8, 2348-2354.	12.0	42
12	Copper-Catalyzed Deaminative Difluoromethylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16398-16403.	13.8	35
13	Tuning Gold Nanoparticles with Chelating Ligands for Highly Efficient Electrocatalytic CO ₂ Reduction. <i>Angewandte Chemie</i> , 2018, 130, 12857-12861.	2.0	34
14	Copper-Catalyzed Difluoromethylation of Alkyl Iodides Enabled by Aryl Radical Activation of Carbon-Iodine Bonds. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27070-27077.	13.8	30
15	Copper-catalyzed carbo-difluoromethylation of alkenes via radical relay. <i>Nature Communications</i> , 2021, 12, 3272.	12.8	22
16	Copper-Catalyzed Deaminative Difluoromethylation. <i>Angewandte Chemie</i> , 2020, 132, 16540.	2.0	12
17	Late-Stage Difluoromethylation of Aliphatic Carboxylic Acids with Copper Catalysis. <i>Synlett</i> , 2020, 31, 745-749.	1.8	4
18	Copper-Catalyzed Difluoromethylation of Alkyl Iodides Enabled by Aryl Radical Activation of Carbon-Iodine Bonds. <i>Angewandte Chemie</i> , 0, , .	2.0	4