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List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,185
citations

687363

13
h-index

1125743

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g-index

14
all docs

14
docs citations

14
times ranked

2014
citing authors

#	ARTICLE	IF	CITATIONS
1	A metal-supported single-atom catalytic site enables carbon dioxide hydrogenation. Nature Communications, 2022, 13, 819.	12.8	83
2	Efficient electrosynthesis of n-propanol from carbon monoxide using a Ag ⁺ /Ru ⁺ /Cu catalyst. Nature Energy, 2022, 7, 170-176.	39.5	96
3	Ga doping disrupts C-C coupling and promotes methane electroproduction on CuAl catalysts. Chem Catalysis, 2022, 2, 908-916.	6.1	24
4	Electrochemical upgrade of CO ₂ from amine capture solution. Nature Energy, 2021, 6, 46-53.	39.5	129
5	Gold-in-copper at low *CO coverage enables efficient electromethanation of CO ₂ . Nature Communications, 2021, 12, 3387.	12.8	70
6	CO ₂ electrolysis to multicarbon products in strong acid. Science, 2021, 372, 1074-1078.	12.6	541
7	Facet-Oriented Coupling Enables Fast and Sensitive Colloidal Quantum Dot Photodetectors. Advanced Materials, 2021, 33, e2101056.	21.0	42
8	Ternary Alloys Enable Efficient Production of Methoxylated Chemicals via Selective Electrocatalytic Hydrogenation of Lignin Monomers. Journal of the American Chemical Society, 2021, 143, 17226-17235.	13.7	43
9	Promoting CO ₂ methanation via ligand-stabilized metal oxide clusters as hydrogen-donating motifs. Nature Communications, 2020, 11, 6190.	12.8	93
10	Colloidal Quantum Dot Solar Cell Band Alignment using Two-Step Ionic Doping. , 2020, 2, 1583-1589.		15
11	CO ₂ Electroreduction to Methane at Production Rates Exceeding 100 mA/cm ² . ACS Sustainable Chemistry and Engineering, 2020, 8, 14668-14673.	6.7	41
12	Accelerated discovery of CO ₂ electrocatalysts using active machine learning. Nature, 2020, 581, 178-183.	27.8	807
13	Micron Thick Colloidal Quantum Dot Solids. Nano Letters, 2020, 20, 5284-5291.	9.1	47
14	Efficient Methane Electrosynthesis Enabled by Tuning Local CO ₂ Availability. Journal of the American Chemical Society, 2020, 142, 3525-3531.	13.7	154