

Aoxue Huang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,364
citations

759233

12
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

2014
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective hydrogenation of furfural using a membrane reactor. <i>Energy and Environmental Science</i> , 2022, 15, 215-224.	30.8	37
2	Conversion of Reactive Carbon Solutions into CO at Low Voltage and High Carbon Efficiency. <i>ACS Central Science</i> , 2022, 8, 749-755.	11.3	32
3	Electrolysis Can Be Used to Resolve Hydrogenation Pathways at Palladium Surfaces in a Membrane Reactor. <i>Jacs Au</i> , 2021, 1, 336-343.	7.9	11
4	Physical Separation of H ₂ Activation from Hydrogenation Chemistry Reveals the Specific Role of Secondary Metal Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11937-11942.	13.8	18
5	Electrolyzer and Catalysts Design from Carbon Dioxide to Carbon Monoxide Electrochemical Reduction. <i>Electrochemical Energy Reviews</i> , 2021, 4, 680-717.	25.5	26
6	Physical Separation of H ₂ Activation from Hydrogenation Chemistry Reveals the Specific Role of Secondary Metal Catalysts. <i>Angewandte Chemie</i> , 2021, 133, 12044-12049.	2.0	0
7	Hydrogenation without H ₂ Using a Palladium Membrane Flow Cell. <i>Cell Reports Physical Science</i> , 2020, 1, 100105.	5.6	28
8	Sulfuric Acid Electrolyte Impacts Palladium Chemistry at Reductive Potentials. <i>Chemistry of Materials</i> , 2020, 32, 9098-9106.	6.7	5
9	Kinetic phases of Ag-Cu alloy films are accessible through photodeposition. <i>Journal of Materials Chemistry A</i> , 2019, 7, 711-715.	10.3	12
10	Electrolytic CO ₂ Reduction in a Flow Cell. <i>Accounts of Chemical Research</i> , 2018, 51, 910-918.	15.6	735
11	Electrocatalytic Alloys for CO ₂ Reduction. <i>ChemSusChem</i> , 2018, 11, 48-57.	6.8	249
12	Stabilizing Copper for CO ₂ Reduction in Low-Grade Electrolyte. <i>Inorganic Chemistry</i> , 2018, 57, 14624-14631.	4.0	21
13	On the Electrolytic Stability of Iron-Nickel Oxides. <i>CheM</i> , 2017, 2, 590-597.	11.7	104
14	Rapid Quantification of Film Thickness and Metal Loading for Electrocatalytic Metal Oxide Films. <i>Chemistry of Materials</i> , 2017, 29, 7272-7277.	6.7	11
15	Brass and Bronze as Effective CO ₂ Reduction Electrocatalysts. <i>Angewandte Chemie</i> , 2017, 129, 16806-16809.	2.0	15
16	Photodecomposition of Metal Nitrate and Chloride Compounds Yields Amorphous Metal Oxide Films. <i>Journal of the American Chemical Society</i> , 2017, 139, 18174-18177.	13.7	17
17	Brass and Bronze as Effective CO ₂ Reduction Electrocatalysts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16579-16582.	13.8	43