

Chao Gu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

752
citations

840776

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996975

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19
times ranked

1209
citing authors

#	ARTICLE	IF	CITATIONS
1	Bimetallic nickel-molybdenum/tungsten nanoalloys for high-efficiency hydrogen oxidation catalysis in alkaline electrolytes. <i>Nature Communications</i> , 2020, 11, 4789.	12.8	192
2	Synthesis of Sub μm Iron-Doped NiSe ₂ Nanowires and Their Surface-Confined Oxidation for Oxygen Evolution Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4020-4024.	13.8	133
3	Precursor Triggering Synthesis of Self-Coupled Sulfide Polymorphs with Enhanced Photoelectrochemical Properties. <i>Journal of the American Chemical Society</i> , 2016, 138, 12913-12919.	13.7	90
4	Polymorphic cobalt diselenide as extremely stable electrocatalyst in acidic media via a phase-mixing strategy. <i>Nature Communications</i> , 2019, 10, 5338.	12.8	65
5	Strongly Coupled Cobalt Diselenide Monolayers for Selective Electrocatalytic Oxygen Reduction to H ₂ O ₂ under Acidic Conditions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26922-26931.	13.8	61
6	An Efficient Turing-Type Ag ₂ Se/CoSe ₂ Multi-Interfacial Oxygen-Evolving Electrocatalyst**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6553-6560.	13.8	45
7	A Trialkylphosphine-Driven Chemical Transformation Route to Ag- and Bi-Based Chalcogenides. <i>Journal of the American Chemical Society</i> , 2015, 137, 5390-5396.	13.7	39
8	Synthesis of Sub μm Iron-Doped NiSe ₂ Nanowires and Their Surface-Confined Oxidation for Oxygen Evolution Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 4084-4088.	2.0	33
9	Soft chemistry of metastable metal chalcogenide nanomaterials. <i>Chemical Society Reviews</i> , 2021, 50, 6671-6683.	38.1	30
10	Colloidal Synthesis of Ternary AgFeS ₂ Nanocrystals and Their Transformation to Ag ₂ S ₇ S ₈ Heterodimers. <i>Small</i> , 2013, 9, 3765-3769.	10.0	24
11	Colloidal Synthesis of Cu ₂ S _x Se _{1-x} Hexagonal Nanoplates and Their Transformation to CdS _x Se _{1-x} and ZnS _x Se _{1-x} by the Cation-Exchange Reaction. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 1024-1029.	2.3	15
12	Synthesis of PdS _x -Mediated Polydymite Heteronanorods and Their Long-Range Activation for Enhanced Water Electroreduction. <i>Research</i> , 2019, 2019, 8078549.	5.7	9
13	An Efficient Turing-Type Ag ₂ Se/CoSe ₂ Multi-Interfacial Oxygen-Evolving Electrocatalyst**. <i>Angewandte Chemie</i> , 2021, 133, 6627-6634.	2.0	7
14	Regioselective Construction of Chemically Transformed Phosphide-Metal Nanoheterostructures for Enhanced Hydrogen Evolution Catalysis. <i>Inorganic Chemistry</i> , 2021, 60, 7269-7275.	4.0	4
15	Strongly Coupled Cobalt Diselenide Monolayers Selectively Catalyze Oxygen Reduction to H ₂ O ₂ in an Acidic Environment. <i>Angewandte Chemie</i> , 0, , .	2.0	3
16	Frontispiece: Strongly Coupled Cobalt Diselenide Monolayers for Selective Electrocatalytic Oxygen Reduction to H ₂ O ₂ under Acidic Conditions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, , .	13.8	2
17	Rücktitelbild: An Efficient Turing-Type Ag ₂ Se/CoSe ₂ Multi-Interfacial Oxygen-Evolving Electrocatalyst (<i>Angew. Chem.</i> 12/2021). <i>Angewandte Chemie</i> , 2021, 133, 6904-6904.	2.0	0
18	Frontispiz: Strongly Coupled Cobalt Diselenide Monolayers for Selective Electrocatalytic Oxygen Reduction to H ₂ O ₂ under Acidic Conditions. <i>Angewandte Chemie</i> , 2021, 133, , .	2.0	0