

Ruijie Gao

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,366
citations

623734

14
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	FeNiP/MoO _x integrated electrode grown on monocrystalline NiMoO ₄ nanorods with multi-interface for accelerating alkaline hydrogen evolution reaction. Applied Catalysis B: Environmental, 2022, 303, 120913.	20.2	55
2	Pd/Fe ₂ O ₃ with Electronic Coupling Single-Site Pd-Fe Pair Sites for Low-Temperature Semihydrogenation of Alkynes. Journal of the American Chemical Society, 2022, 144, 573-581.	13.7	69
3	Surface Design Strategy of Catalysts for Water Electrolysis. Small, 2022, 18, .	10.0	138
4	Pt/Fe ₂ O ₃ with Pt-Fe pair sites as a catalyst for oxygen reduction with ultralow Pt loading. Nature Energy, 2021, 6, 614-623.	39.5	274
5	Contrasting Photochemical Activity of Two Sub-layers for Natural 2D Nanoclay with an Asymmetric Layer Structure. ACS Applied Materials & Interfaces, 2021, 13, 59431-59439.	8.0	6
6	Manipulating the Conversion Kinetics of Polysulfides by Engineering Oxygen p-Band of Halloysite for Improved Li-S Batteries. Small, 2021, , 2105661.	10.0	11
7	Hydrogen-Catalyzed Acid Transformation for the Hydration of Alkenes and Epoxy Alkanes over Co-N Frustrated Lewis Pair Surfaces. Journal of the American Chemical Society, 2021, 143, 21294-21301.	13.7	33
8	Promotion of Nitrogen Reserve and Electronic Regulation in Bamboo-like Carbon Tubules by Cobalt Nanoparticles for Highly Efficient ORR. ACS Applied Energy Materials, 2020, 3, 2323-2330.	5.1	39
9	Engineering Facets and Oxygen Vacancies over Hematite Single Crystal for Intensified Electrochemical H ₂ O ₂ Production. Advanced Functional Materials, 2020, 30, 1910539.	14.9	90
10	Breaking Trade-off between Selectivity and Activity of Nickel-Based Hydrogenation Catalysts by Tuning Both Steric Effect and d-Band Center. Advanced Science, 2019, 6, 1900054.	11.2	69
11	Grain boundaries modified uniformly-conjoint metal/oxides via binder strategy as efficient bifunctional electrocatalysts. Journal of Materials Chemistry A, 2019, 7, 10010-10018.	10.3	27
12	Direct-Current Rotary-Tubular Triboelectric Nanogenerators Based on Liquid-Dielectrics Contact for Sustainable Energy Harvesting and Chemical Composition Analysis. ACS Nano, 2019, 13, 2587-2598.	14.6	66
13	Metal-defected spinel Mn _x Co _{3-x} O ₄ with octahedral Mn-enriched surface for highly efficient oxygen reduction reaction. Applied Catalysis B: Environmental, 2019, 244, 536-545.	20.2	140
14	Liquid-FEP-based U-tube triboelectric nanogenerator for harvesting water-wave energy. Nano Research, 2018, 11, 4062-4073.	10.4	143
15	Ultradispersed Nickel Phosphide on Phosphorus-Doped Carbon with Tailored d-Band Center for Efficient and Chemoselective Hydrogenation of Nitroarenes. ACS Catalysis, 2018, 8, 8420-8429.	11.2	153
16	Phosphorus-Doped and Lattice-Defective Carbon as Metal-Like Catalyst for the Selective Hydrogenation of Nitroarenes. ChemCatChem, 2017, 9, 4287-4294.	3.7	53