

Jun Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

340
citations

1040056

9
h-index

1199594

12
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12
all docs

12
docs citations

12
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering cobalt sulfide/oxide heterostructure with atomically mixed interfaces for synergistic electrocatalytic water splitting. <i>Nano Research</i> , 2022, 15, 1246-1253.	10.4	43
2	Coupled heat transfer model for the combustion and steam characteristics of coal-fired boilers. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2021, 15, 490-502.	3.1	5
3	Regulating the Catalytically Active Sites in Low-Cost and Earth-Abundant 3d Transition-Metal-Based Electrode Materials for High-Performance Zinc-Air Batteries. <i>Energy & Fuels</i> , 2021, 35, 6483-6503.	5.1	26
4	Fabrication of the Ni-NiCl ₂ Composite Cathode Material for Fast-Response Thermal Batteries. <i>Frontiers in Chemistry</i> , 2021, 9, 679231.	3.6	15
5	Metal chalcogenides: An emerging material for electrocatalysis. <i>APL Materials</i> , 2021, 9, .	5.1	26
6	Application of ORC in a Distributed Integrated Energy System Driven by Deep and Shallow Geothermal Energy. <i>Energies</i> , 2021, 14, 5466.	3.1	3
7	Hierarchical iridium-based multimetallic alloy with double-core-shell architecture for efficient overall water splitting. <i>Science China Materials</i> , 2020, 63, 249-257.	6.3	59
8	Phosphorus-triggered synergy of phase transformation and chalcogenide vacancy migration in cobalt sulfide for an efficient oxygen evolution reaction. <i>Nanoscale</i> , 2020, 12, 3129-3134.	5.6	39
9	Methanation Performance of Unsupported MoP Catalysts Prepared with Phytic Acid under Low H ₂ /CO. <i>ChemistrySelect</i> , 2020, 5, 7586-7595.	1.5	1
10	Application of the Thermodynamic Cycle to Assess the Energy Efficiency of Amine-Based Absorption of Carbon Capture. <i>Energies</i> , 2019, 12, 2504.	3.1	10
11	Co ₃ O ₄ nanoparticles supported on N-doped electrospinning carbon nanofibers as an efficient and bifunctional oxygen electrocatalyst for rechargeable Zn-Air batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3554-3561.	6.0	29
12	Engineering the Surface Metal Active Sites of Nickel Cobalt Oxide Nanoplates toward Enhanced Oxygen Electrocatalysis for Zn-Air Battery. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4915-4921.	8.0	84