

Feng Hu

List of Publications by Year in descending order

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31
papers

2,620
citations

257450

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434195

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33
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docs citations

33
times ranked

3313
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress of Electrospun Nanofibers for Zinc-Air Batteries. <i>Advanced Fiber Materials</i> , 2022, 4, 185-202.	16.1	33
2	Clusters Induced Electron Redistribution to Tune Oxygen Reduction Activity of Transition Metal Single-Atom for Metal-Air Batteries. <i>Angewandte Chemie</i> , 2022, 134, e202116068.	2.0	32
3	Heterointerface Engineering of Hierarchically Assembling Layered Double Hydroxides on Cobalt Selenide as Efficient Trifunctional Electrocatalysts for Water Splitting and Zinc-Air Battery. <i>Advanced Science</i> , 2022, 9, e2104522.	11.2	79
4	Lattice-Matching Formed Mesoporous Transition Metal Oxide Heterostructures Advance Water Splitting by Active Fe-O-Cu Bridges. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	139
5	Ligand and temperature effects of porous palladium nanoparticle ensembles with grain boundaries for highly efficient electrocatalytic CO ₂ reduction. <i>Journal of Materials Science</i> , 2022, 57, 7276-7289.	3.7	2
6	In situ construction of thiol-silver interface for selectively electrocatalytic CO ₂ reduction. <i>Nano Research</i> , 2022, 15, 3283-3289.	10.4	22
7	Electronic modulation of cobalt-molybdenum oxide via Te doping embedded in a carbon matrix for superior overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3788-3796.	6.0	17
8	In-situ formation of Co _{1-x} S hollow polyhedrons anchored on multichannel carbon nanofibers as self-supporting anode for lithium/sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 421, 127755.	12.7	98
9	Dual-Active Sites Engineering of N-Doped Hollow Carbon Nanocubes Confining Bimetal Alloys as Bifunctional Oxygen Electrocatalysts for Flexible Metal-Air Batteries. <i>Small</i> , 2021, 17, e2007239.	10.0	71
10	Sub-2 nm Thiophosphate Nanosheets with Heteroatom Doping for Enhanced Oxygen Electrocatalysis. <i>Advanced Functional Materials</i> , 2021, 31, 2100618.	14.9	133
11	Hierarchical Ti ₃ C ₂ T _x MXene/Carbon Nanotubes for Low Overpotential and Long-Life Li-CO ₂ Batteries. <i>ACS Nano</i> , 2021, 15, 8407-8417.	14.6	54
12	Dual-Sites Coordination Engineering of Single Atom Catalysts for Flexible Metal-Air Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2101242.	19.5	247
13	Hierarchical FeC/MnO ₂ composite with in-situ grown CNTs as an advanced trifunctional catalyst for water splitting and Metal-Air batteries. <i>Ceramics International</i> , 2021, 47, 18424-18432.	4.8	27
14	Electronic Modulation Caused by Interfacial Ni-O-M (M=Ru, Ir, Pd) Bonding for Accelerating Hydrogen Evolution Kinetics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22276-22282.	13.8	182
15	Electronic Modulation Caused by Interfacial Ni-O-M (M=Ru, Ir, Pd) Bonding for Accelerating Hydrogen Evolution Kinetics. <i>Angewandte Chemie</i> , 2021, 133, 22450-22456.	2.0	33
16	Multi-dimensional hierarchical CoS ₂ @MXene as trifunctional electrocatalysts for zinc-air batteries and overall water splitting. <i>Science China Materials</i> , 2021, 64, 1127-1138.	6.3	44
17	Interfacial electronic coupling of ultrathin transition-metal hydroxide nanosheets with layered MXenes as a new prototype for platinum-like hydrogen evolution. <i>Energy and Environmental Science</i> , 2021, 14, 6419-6427.	30.8	154
18	Hierarchical Fe ₃ C~Mo ₂ C~Carbon Hybrid Electrocatalysts Promoted through a Strong Charge-Transfer Effect. <i>ChemSusChem</i> , 2020, 13, 5280-5287.	6.8	6

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19	MoS ₂ Nanosheets Functionalized Multichannel Hollow Mo ₂ N/Carbon Nanofibers as a Robust Bifunctional Catalyst for Water Electrolysis. ACS Sustainable Chemistry and Engineering, 2020, 8, 14179-14189.	6.7	19
20	Quantifying Electrocatalytic Reduction of CO ₂ on Twin Boundaries. Chem, 2020, 6, 3007-3021.	11.7	41
21	Plasma-Treated Ultrathin Ternary FePSe ₃ Nanosheets as a Bifunctional Electrocatalyst for Efficient Zinc-Air Batteries. ACS Applied Materials & Interfaces, 2020, 12, 29393-29403.	8.0	10
22	Single-layer carbon-coated FeCo alloy nanoparticles embedded in single-walled carbon nanotubes for high oxygen electrocatalysis. Chemical Communications, 2020, 56, 6842-6845.	4.1	36
23	Self-supported N-doped NiSe ₂ hierarchical porous nanoflake arrays for efficient oxygen electrocatalysis in flexible zinc-air batteries. Chemical Engineering Journal, 2020, 401, 126088.	12.7	40
24	Engineered Multifunctional Nanomedicine for Simultaneous Stereotactic Chemotherapy and Inhibited Osteolysis in an Orthotopic Model of Bone Metastasis. Advanced Materials, 2017, 29, 1605754.	21.0	99
25	Atomic-scale Pt clusters decorated on porous Ni(OH) ₂ nanowires as highly efficient electrocatalyst for hydrogen evolution reaction. Science China Materials, 2017, 60, 1121-1128.	6.3	39
26	1.82 wt.% Pt/N, P co-doped carbon overwhelms 20 wt.% Pt/C as a high-efficiency electrocatalyst for hydrogen evolution reaction. Nano Research, 2017, 10, 238-246.	10.4	106
27	Co-Doped Mesoporous Carbon Hollow Spheres as Highly Efficient Electrocatalysts for Oxygen Reduction Reaction. Small, 2017, 13, 1602507.	10.0	143
28	Controlled synthesis of porous spinel cobalt manganese oxides as efficient oxygen reduction reaction electrocatalysts. Nano Research, 2016, 9, 207-213.	10.4	56
29	Real-time in vivo visualization of tumor therapy by a near-infrared-II Ag ₂ S quantum dot-based theranostic nanoplatfom. Nano Research, 2015, 8, 1637-1647.	10.4	113
30	Urchin-like CoP Nanocrystals as Hydrogen Evolution Reaction and Oxygen Reduction Reaction Dual-Electrocatalyst with Superior Stability. Nano Letters, 2015, 15, 7616-7620.	9.1	425
31	Double-Walled Au Nanocage/SiO ₂ Nanorattles: Integrating SERS Imaging, Drug Delivery and Photothermal Therapy. Small, 2015, 11, 985-993.	10.0	120