

Ben Fei

List of Publications by Year in descending order

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16
papers

1,708
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1618
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional transition metal-based electrocatalyst and their application in water splitting. <i>Materials Science and Technology</i> , 2022, 38, 535-555.	1.6	9
2	Unconventional bi-vacancies activating inert Prussian blue analogues nanocubes for efficient hydrogen evolution. <i>Chemical Engineering Journal</i> , 2021, 420, 127671.	12.7	42
3	Multifunctional bayberry-like composites consisting of CoFe encapsulated by carbon nanotubes for overall water splitting and zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21741-21749.	10.3	40
4	A flexible electromagnetic wave-electricity harvester. <i>Nature Communications</i> , 2021, 12, 834.	12.8	269
5	Porous Carbon Architecture Assembled by Cross-Linked Carbon Leaves with Implanted Atomic Cobalt for High-Performance Li-S Batteries. <i>Nano-Micro Letters</i> , 2021, 13, 151.	27.0	40
6	Co/CoP Heterojunction on Hierarchically Ordered Porous Carbon as a Highly Efficient Electrocatalyst for Hydrogen and Oxygen Evolution. <i>Advanced Energy Materials</i> , 2021, 11, 2102134.	19.5	138
7	B-doping-induced amorphization of LDH for large-current-density hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2020, 261, 118240.	20.2	191
8	Charge Transfer Engineering via Multiple Heteroatom Doping in Dual Carbon-Coupled Cobalt Phosphides for Highly Efficient Overall Water Splitting. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118404.	20.2	73
9	Ultrathin Prussian blue analogue nanosheet arrays with open bimetal centers for efficient overall water splitting. <i>Nano Energy</i> , 2020, 68, 104371.	16.0	123
10	Boronization-Induced Ultrathin 2D Nanosheets with Abundant Crystalline-Amorphous Phase Boundary Supported on Nickel Foam toward Efficient Water Splitting. <i>Advanced Energy Materials</i> , 2020, 10, 1902714.	19.5	218
11	Ultrathinning Nickel Sulfide with Modulated Electron Density for Efficient Water Splitting. <i>Advanced Energy Materials</i> , 2020, 10, 2001963.	19.5	224
12	Atomically Dispersed Co-Pyridinic N for Superior Oxygen Reduction Reaction. <i>Advanced Energy Materials</i> , 2020, 10, 2002592.	19.5	168
13	Vacancy Occupation-Driven Polymorphic Transformation in Cobalt Dinitelluride for Boosted Oxygen Evolution Reaction. <i>ACS Nano</i> , 2020, 14, 6968-6979.	14.6	100
14	Anion-cation co-substitution activation of spinel CoMoO ₄ for efficient oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2020, 394, 124926.	12.7	64
15	Formation of honeycomb polysulfone film with controlled wettability by surfactant-assisted electric breath figure. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 1027-1032.	2.6	7
16	Effects of molecule weight on the liquid adsorption, surface free energy and rheological properties of dextran. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 611-617.	2.2	2