Zheng Zhou

List of Publications by Year
in descending order

16 papers	1,567 citations	623188 14 h-index	940134 16 g-index
16 all docs	16 docs citations	16 times ranked	2208 citing authors

#	Article	IF	Citations
1	Nanostructured hexaazatrinaphthalene based polymers for advanced energy conversion and storage. Chemical Engineering Journal, 2022, 427, 130995.	6.6	16
2	Cationâ€Vacancyâ€Enriched Nickel Phosphide for Efficient Electrosynthesis of Hydrogen Peroxides. Advanced Materials, 2022, 34, e2106541.	11.1	123
3	Make it stereoscopic: interfacial design for full-temperature adaptive flexible zincâ€“air batteries. Energy and Environmental Science, 2021, 14, 4926-4935.	15.6	108
4	Rechargeable zinc-air batteries with neutral electrolytes: Recent advances, challenges, and prospects. EnergyChem, 2021, 3, 100055.	10.1	59
5	Prussian blue, its analogues and their derived materials for electrochemical energy storage and conversion. Energy Storage Materials, 2020, 25, 585-612.	9.5	181
6	Electrocatalytic hydrogen evolution under neutral pH conditions: current understandings, recent advances, and future prospects. Energy and Environmental Science, 2020, 13, 3185-3206.	15.6	225
7	Ultrathin nickel boride nanosheets anchored on functionalized carbon nanotubes as bifunctional electrocatalysts for overall water splitting. Journal of Materials Chemistry A, 2019, 7, 764-774.	5.2	123
8	Big to Small: Ultrafine Mo₂C Particles Derived from Giant Polyoxomolybdate Clusters for Hydrogen Evolution Reaction. Small, 2019, 15, e1900358.	5.2	53
9	Ultralow-platinum-loading nanocarbon hybrids for highly sensitive hydrogen peroxide detection. Sensors and Actuators B: Chemical, 2019, 283, 304-311.	4.0	27
10	Milk powder-derived bifunctional oxygen electrocatalysts for rechargeable Zn-air battery. Energy Storage Materials, 2018, 11, 134-143.	9.5	45
11	Metal-free bifunctional carbon electrocatalysts derived from zeolitic imidazolate frameworks for efficient water splitting. Materials Chemistry Frontiers, 2018, 2, 102-111.	3.2	57
12	Recent Advances in Materials and Design of Electrochemically Rechargeable Zincâ€“Air Batteries. Small, 2018, 14, e1801929.	5.2	192
13	Hydrogen evolution reaction activity of nickel phosphide is highly sensitive to electrolyte pH. Journal of Materials Chemistry A, 2017, 5, 20390-20397.	5.2	98
14	Amorphous Bimetallic Oxideâ€“Graphene Hybrids as Bifunctional Oxygen Electrocatalysts for Rechargeable Znâ€“Air Batteries. Advanced Materials, 2017, 29, 1701410.	11.1	243
15	A CO2-Switchable Polymer Surfactant Copolymerized with DMAEMA and AM as a Heavy Oil Emulsifier. Journal of Dispersion Science and Technology, 2016, 37, 1200-1207.	1.3	10
16	Carbon dioxide switchable polymer surfactant copolymerized with 2â€(dimethylamino)ethyl methacrylate and butyl methacrylate as a heavyâ€oil emulsifier. Journal of Applied Polymer Science, 2015, 132, .	1.3	7