

Dezhou Zheng

List of Publications by Year in descending order

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20
papers

2,094
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

3072
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrite-Free Zinc Deposition Induced by Multifunctional CNT Frameworks for Stable Flexible Zn-Ion Batteries. <i>Advanced Materials</i> , 2019, 31, e1903675.	21.0	780
2	Facile synthesis of large-area manganese oxide nanorod arrays as a high-performance electrochemical supercapacitor. <i>Energy and Environmental Science</i> , 2011, 4, 2915.	30.8	479
3	A Confinement Strategy for Stabilizing ZIF-Derived Bifunctional Catalysts as a Benchmark Cathode of Flexible All-Solid-State Zinc-Air Batteries. <i>Advanced Materials</i> , 2018, 30, e1805268.	21.0	147
4	An ultrathin defect-rich Co_3O_4 nanosheet cathode for high-energy and durable aqueous zinc ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21678-21683.	10.3	106
5	Activated carbon fiber paper with exceptional capacitive performance as a robust electrode for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5828-5833.	10.3	95
6	Ni_3S_2 @PANI core-shell nanosheets as a durable and high-energy binder-free cathode for aqueous rechargeable nickel-zinc batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10629-10635.	10.3	81
7	Carbon cloth as an advanced electrode material for supercapacitors: progress and challenges. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17938-17950.	10.3	81
8	Molten salt assisted synthesis of pitch derived carbon for Zn ion hybrid supercapacitors. <i>Materials Research Bulletin</i> , 2021, 135, 111134.	5.2	60
9	NiMoO_4 nanowires supported on Ni/C nanosheets as high-performance cathode for stable aqueous rechargeable nickel-zinc battery. <i>Chemical Engineering Journal</i> , 2020, 400, 125832.	12.7	58
10	Oxygen-rich interface enables reversible stibium stripping/plating chemistry in aqueous alkaline batteries. <i>Nature Communications</i> , 2021, 12, 14.	12.8	58
11	Porous MoO_2 nanowires as stable and high-rate negative electrodes for electrochemical capacitors. <i>Chemical Communications</i> , 2017, 53, 3929-3932.	4.1	48
12	Ca-ion modified vanadium oxide nanoribbons with enhanced Zn-ion storage capability. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5614-5619.	10.3	19
13	Controllable growth of $\text{La}(\text{OH})_3$ nanorod and nanotube arrays. <i>CrystEngComm</i> , 2010, 12, 4066.	2.6	18
14	Facile Synthesis of Porous Carbon Nanoarchitectures as Advanced and Durable Electrodes for Supercapacitors. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900115.	2.3	14
15	Intrinsic Carbon Defects Induced Reversible Antimony Chemistry for High-Energy Aqueous Alkaline Batteries. <i>Advanced Materials</i> , 2022, 34, e2200085.	21.0	13
16	The ultrasonic-assisted growth of porous cobalt/nickel composite hydroxides as a super high-energy and stable cathode for aqueous zinc batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17741-17746.	10.3	12
17	Co_3O_4 @Co Nanoparticles Embedded Porous N-Rich Carbon Matrix for Efficient Oxygen Reduction. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700074.	2.3	11
18	Nickel@Nickel Oxide Dendritic Architectures with Boosted Electrochemical Reactivity for Aqueous Nickel-Zinc Batteries. <i>ChemElectroChem</i> , 2020, 7, 4572-4577.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Structurally reconstituted calcium manganate nanoparticles as a high-performance cathode for aqueous Zn-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5053-5059.	10.3	5
20	Construction of dPCR and qPCR integrated system based on commercially available low-cost hardware. <i>Analyst, The</i> , 2022, 147, 3494-3503.	3.5	2