Cheng Wang

List of Publications by Year
in descending order

17 papers	2,874 citations	623734 14 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	2860 citing authors

#	Article	IF	Citations
1	Sbâ€•and Oâ€Cosubstituted Li₁₀SnP₂S₁₂ with High Electrochemical and Air Stability for Allâ€Solidâ€State Lithium Batteries. ChemElectroChem, 2022, 9, .	3.4	6
2	Cationâ€Vacancyâ€Enriched Nickel Phosphide for Efficient Electrosynthesis of Hydrogen Peroxides. Advanced Materials, 2022, 34, e2106541.	21.0	123
3	Toward Flexible Zincâ€Ion Hybrid Capacitors with Superhigh Energy Density and Ultralong Cycling Life: The Pivotal Role of ZnCl₂ Saltâ€Based Electrolytes. Angewandte Chemie, 2021, 133, 1003-1010.	2.0	130
4	Toward Flexible Zincâ€Ion Hybrid Capacitors with Superhigh Energy Density and Ultralong Cycling Life: The Pivotal Role of ZnCl₂ Saltâ€Based Electrolytes. Angewandte Chemie - International Edition, 2021, 60, 990-997.	13.8	215
5	The rise of flexible zinc-ion hybrid capacitors: advances, challenges, and outlooks. Journal of Materials Chemistry A, 2021, 9, 19054-19082.	10.3	60
6	Make it stereoscopic: interfacial design for full-temperature adaptive flexible zincâ€“air batteries. Energy and Environmental Science, 2021, 14, 4926-4935.	30.8	108
7	High-energy-density aqueous sodium-ion batteries enabled by chromium hexacycnochromate anodes. Chemical Engineering Journal, 2021, 415, 129003.	12.7	17
8	Rechargeable zinc-air batteries with neutral electrolytes: Recent advances, challenges, and prospects. EnergyChem, 2021, 3, 100055.	19.1	59
9	The tripartite role of 2D covalent organic frameworks in graphene-based organic solvent nanofiltration membranes. Matter, 2021, 4, 2953-2969.	10.0	24
10	Foldable and scrollable graphene paper with tuned interlayer spacing as high areal capacity anodes for sodium-ion batteries. Energy Storage Materials, 2021, 41, 395-403.	18.0	28
11	Thermo-osmosis-Coupled Thermally Regenerative Electrochemical Cycle for Efficient Lithium Extraction. ACS Applied Materials & Interfaces, 2021, 13, 6276-6285.	8.0	18
12	A Flexible Rechargeable Zincâ€“Air Battery with Excellent Lowâ€Temperature Adaptability. Angewandte Chemie - International Edition, 2020, 59, 4793-4799.	13.8	217
13	A Flexible Rechargeable Zincâ€“Air Battery with Excellent Lowâ€Temperature Adaptability. Angewandte Chemie, 2020, 132, 4823-4829.	2.0	57
14	High-Efficiency Electrolyte for Li-Rich Cathode Materials Achieving Enhanced Cycle Stability and Suppressed Voltage Fading Capable of Practical Applications on a Li-Ion Battery. ACS Applied Materials & Interfaces, 2020, 12, 49666-49679.	8.0	15
15	Long-life and deeply rechargeable aqueous Zn anodes enabled by a multifunctional brightener-inspired interphase. Energy and Environmental Science, 2019, 12, 1938-1949.	30.8	1,309
16	Big to Small: Ultrafine Mo₂C Particles Derived from Giant Polyoxomolybdate Clusters for Hydrogen Evolution Reaction. Small, 2019, 15, e1900358.	10.0	53
17	Directly converting Fe-doped metalâ€“organic frameworks into highly active and stable Fe-N-C catalysts for oxygen reduction in acid. Nano Energy, 2016, 25, 110-119.	16.0	434