

Cheng Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8539813/publications.pdf>

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