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List of Publications by Year in descending order

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27
papers

1,013
citations

586496

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620720

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docs citations

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times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>ZIF</sc>-Mediated Anchoring of Co species on N-doped Carbon Nanorods as an Efficient Cathode Catalyst for Zn-Air Batteries. Energy and Environmental Materials, 2023, 6, .	7.3	12
2	Transformation of Undesired Li ₂ CO ₃ into Lithiophilic Layer Via Double Replacement Reaction for Garnet Electrolyte Engineering. Energy and Environmental Materials, 2022, 5, 962-968.	7.3	18
3	Tunable Ru ₂ P heterostructures with charge redistribution for efficient <sc>universal</sc> hydrogen evolution. Informa-Materi, 2022, 4, .	8.5	53
4	Tuning electronic structure modulation of Ru atoms in RuSe ₂ @NC enables more moderate H* adsorption and water dissociation for hydrogen evolution reaction. Journal of Materials Chemistry A, 2022, 10, 7637-7644.	5.2	22
5	Unraveling the reaction mechanisms of electrode materials for sodium-ion and potassium-ion batteries by in situ transmission electron microscopy. , 2022, 1, 196-212.		54
6	Pt Single Atom-Induced Activation Energy and Adsorption Enhancement for an Ultrasensitive ppb-Level Methanol Gas Sensor. ACS Sensors, 2022, 7, 199-206.	4.0	36
7	Anion-modulated molybdenum oxide enclosed ruthenium nano-capsules with almost the same water splitting capability in acidic and alkaline media. Nano Energy, 2022, 100, 107445.	8.2	42
8	Chemical cross-linking and mechanically reinforced carbon network constructed by graphene boosts potassium ion storage. Nano Research, 2022, 15, 9019-9025.	5.8	9
9	Surface Oxidation Layer-Mediated Conformal Carbon Coating on Si Nanoparticles for Enhanced Lithium Storage. ACS Applied Materials & Interfaces, 2021, 13, 3991-3998.	4.0	51
10	Constructing Three-Dimensional Macroporous TiO ₂ Microspheres with Enhanced Pseudocapacitive Lithium Storage under Deep Discharging/Charging Conditions. ACS Applied Materials & Interfaces, 2021, 13, 16528-16535.	4.0	7
11	Quicker and More Zn ²⁺ Storage Predominantly from the Interface. Advanced Materials, 2021, 33, e2100359.	11.1	111
12	Solvent-Free Encapsulation of Ultrafine SnO ₂ Nanoparticles in N-Doped Carbon for High-Capacity and Durable Lithium Storage. ACS Applied Energy Materials, 2021, 4, 6277-6283.	2.5	10
13	Solid Solution of Bi and Sb for Robust Lithium Storage Enabled by Consecutive Alloying Reaction. Small, 2021, 17, e2102915.	5.2	7
14	A Durable Ni-Zn Microbattery with Ultrahigh-Rate Capability Enabled by In Situ Reconstructed Nanoporous Nickel with Epitaxial Phase. Small, 2021, 17, e2103136.	5.2	11
15	Hierarchical N-doped carbon spheres anchored with cobalt nanocrystals and single atoms for oxygen reduction reaction. Nano Energy, 2021, 87, 106153.	8.2	76
16	Efficient carboxylation of styrene and carbon dioxide by single-atomic copper electrocatalyst. Journal of Colloid and Interface Science, 2021, 601, 378-384.	5.0	27
17	Single-atom silver loaded on tungsten oxide with oxygen vacancies for high performance triethylamine gas sensors. Journal of Materials Chemistry A, 2021, 9, 8704-8710.	5.2	69
18	Sub-Nanometer Confined Ions and Solvent Molecules Intercalation Capacitance in Microslits of 2D Materials. Small, 2021, 17, e2104649.	5.2	9

#	ARTICLE	IF	CITATIONS
19	Coordination engineering of metal single atom on carbon for enhanced and robust potassium storage. <i>Matter</i> , 2021, 4, 4006-4021.	5.0	50
20	Liquid Phase-Induced Solid Solution Phase Mechanisms for Highly Stable and Ultrafast Energy Storage. <i>Advanced Energy Materials</i> , 2021, 11, 2102342.	10.2	6
21	Sub-Nanometer Confined Ions and Solvent Molecules Intercalation Capacitance in Microslits of 2D Materials (Small 49/2021). <i>Small</i> , 2021, 17, .	5.2	1
22	Compact Sn/SnO ₂ microspheres with gradient composition for high volumetric lithium storage. <i>Energy Storage Materials</i> , 2020, 25, 376-381.	9.5	27
23	Confining Ultrafine MoO ₂ in a Carbon Matrix Enables Hybrid Li Ion and Li Metal Storage. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40648-40654.	4.0	40
24	Heterostructure Design in Bimetallic Phthalocyanine Boosts Oxygen Reduction Reaction Activity and Durability. <i>Advanced Functional Materials</i> , 2020, 30, 2005000.	7.8	78
25	Enveloping SiO _x in N-doped carbon for durable lithium storage <i>via</i> an eco-friendly solvent-free approach. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13285-13291.	5.2	65
26	Cobalt decorated nitrogen-doped carbon bowls as efficient electrocatalysts for the oxygen reduction reaction. <i>Chemical Communications</i> , 2020, 56, 4488-4491.	2.2	35
27	Phosphorus Enhanced Intermolecular Interactions of SnO ₂ and Graphene as an Ultrastable Lithium Battery Anode. <i>Small</i> , 2017, 13, 1603973.	5.2	87