

Yanyan Wang

List of Publications by Year in descending order

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12
papers

1,514
citations

840585

11
h-index

1199470

12
g-index

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docs citations

12
times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrolyte Engineering Enables High Performance Zinc-Ion Batteries. <i>Small</i> , 2022, 18, e2107033.	5.2	118
2	Organic electrolyte design for practical potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 19090-19106.	5.2	30
3	Constructing nitrated interfaces for stabilizing Li metal electrodes in liquid electrolytes. <i>Chemical Science</i> , 2021, 12, 8945-8966.	3.7	72
4	Electrolyte Design for In Situ Construction of Highly Zn ²⁺ -Conductive Solid Electrolyte Interphase to Enable High-Performance Aqueous Zn-Ion Batteries under Practical Conditions. <i>Advanced Materials</i> , 2021, 33, e2007416.	11.1	484
5	Lithium Metal Electrode with Increased Air Stability and Robust Solid Electrolyte Interphase Realized by Silane Coupling Agent Modification. <i>Advanced Materials</i> , 2021, 33, e2008133.	11.1	122
6	Tuning the Electrolyte Solvation Structure to Suppress Cathode Dissolution, Water Reactivity, and Zn Dendrite Growth in Zinc-Ion Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2104281.	7.8	225
7	Building Artificial Solid-Electrolyte Interphase with Uniform Intermolecular Ionic Bonds toward Dendrite-Free Lithium Metal Anodes. <i>Advanced Functional Materials</i> , 2020, 30, 2002414.	7.8	104
8	Hierarchically structured carbon nanomaterials for electrochemical energy storage applications. <i>Journal of Materials Research</i> , 2018, 33, 1058-1073.	1.2	33
9	Progress and Perspective of Solid-State Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1707570.	7.8	194
10	Solid-State Electrolytes: Progress and Perspective of Solid-State Lithium-Sulfur Batteries (Adv. Funct.)	7.8	111
11	High-Level Heteroatom Doped Two-Dimensional Carbon Architectures for Highly Efficient Lithium-Ion Storage. <i>Frontiers in Chemistry</i> , 2018, 6, 97.	1.8	8
12	Spherical Li Deposited inside 3D Cu Skeleton as Anode with Ultrastable Performance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20244-20249.	4.0	113