

Nan Li

List of Publications by Year in descending order

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15
papers

997
citations

933447

10
h-index

1058476

14
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15
all docs

15
docs citations

15
times ranked

1651
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Graphene-Boosted, High-Performance Aqueous Zn-Ion Battery. ACS Applied Materials & Interfaces, 2018, 10, 25446-25453. | 8.0 | 269 |
| 2 | A Scalable Approach to Dendrite-Free Lithium Anodes via Spontaneous Reduction of Spray-Coated Graphene Oxide Layers. Advanced Materials, 2018, 30, e1801213. | 21.0 | 204 |
| 3 | Suppressing Dendritic Lithium Formation Using Porous Media in Lithium Metal-Based Batteries. Nano Letters, 2018, 18, 2067-2073. | 9.1 | 154 |
| 4 | Realizing Interfacial Electronic Interaction within ZnS Quantum Dots/NiCrGO Heterostructures for Efficient Li ⁺ Batteries. Advanced Energy Materials, 2019, 9, 1901806. | 19.5 | 101 |
| 5 | Reduced-Graphene-Oxide-Guided Directional Growth of Planar Lithium Layers. Advanced Materials, 2020, 32, e1907079. | 21.0 | 70 |
| 6 | A High-Performance Lithium Metal Battery with Ion-Selective Nanofluidic Transport in a Conjugated Microporous Polymer Protective Layer. Advanced Materials, 2021, 33, e2006323. | 21.0 | 64 |
| 7 | Normalized Lithium Growth from the Nucleation Stage for Dendrite-Free Lithium Metal Anodes. Angewandte Chemie - International Edition, 2019, 58, 18246-18251. | 13.8 | 60 |
| 8 | Effect of the supergravity on the formation and cycle life of non-aqueous lithium metal batteries. Nature Communications, 2022, 13, 5. | 12.8 | 20 |
| 9 | Design principles of pseudocapacitive carbon anode materials for ultrafast sodium and potassium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 7756-7764. | 10.3 | 16 |
| 10 | Single crystal Cu (110) inducing lateral growth of electrodeposition Li for dendrite-free Li metal-based batteries. Journal of Power Sources, 2021, 501, 229969. | 7.8 | 11 |
| 11 | Normalized Lithium Growth from the Nucleation Stage for Dendrite-Free Lithium Metal Anodes. Angewandte Chemie, 2019, 131, 18414-18419. | 2.0 | 10 |
| 12 | Towards high energy-high power dendrite-free lithium metal batteries: The novel hydrated vanadium oxide/graphene-silicon nitride/lithium system. Journal of Power Sources, 2019, 417, 14-20. | 7.8 | 9 |
| 13 | Numerical and experimental investigations on Mannesmann effect of nickel-based superalloy. Archives of Civil and Mechanical Engineering, 2022, 22, . | 3.8 | 5 |
| 14 | Multifunctional interfacial and structural anode for dendrite-free lithium metal-based batteries. Journal of Central South University, 2022, 29, 373-385. | 3.0 | 3 |
| 15 | Investigations on external separation layer defect of nickel-based superalloy in rotary tube piercing process. International Journal of Advanced Manufacturing Technology, 0, , . | 3.0 | 1 |