

Shengwei Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9590746/publications.pdf>

Version: 2024-02-01

15
papers

706
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

446
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Sandwich-Like Heterostructures of MoS ₂ /Graphene with Enlarged Interlayer Spacing and Enhanced Hydrophilicity as High-Performance Cathodes for Aqueous Zinc-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2007480. | 21.0 | 241 |
| 2 | Molecular Engineering on MoS ₂ Enables Large Interlayers and Unlocked Basal Planes for High-Performance Aqueous Zn-Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20286-20293. | 13.8 | 141 |
| 3 | Unexpected Role of the Interlayer "Dead Zn ²⁺ " in Strengthening the Nanostructures of VS ₂ Cathodes for High-Performance Aqueous Zn-Ion Storage. <i>Advanced Energy Materials</i> , 2022, 12, . | 19.5 | 74 |
| 4 | Molecular Engineering on MoS ₂ Enables Large Interlayers and Unlocked Basal Planes for High-Performance Aqueous Zn-Ion Storage. <i>Angewandte Chemie</i> , 2021, 133, 20448-20455. | 2.0 | 52 |
| 5 | Transition-Metal Vacancy Manufacturing and Sodium-Site Doping Enable a High-Performance Layered Oxide Cathode through Cationic and Anionic Redox Chemistry. <i>Advanced Functional Materials</i> , 2021, 31, 2106923. | 14.9 | 50 |
| 6 | Reaction kinetics in rechargeable zinc-ion batteries. <i>Journal of Power Sources</i> , 2021, 492, 229655. | 7.8 | 48 |
| 7 | A high-entropy high-temperature shape memory alloy with large and complete superelastic recovery. <i>Materials Research Letters</i> , 2021, 9, 263-269. | 8.7 | 29 |
| 8 | A Low-Cost Ni-Mn-Ti-B High-Temperature Shape Memory Alloy with Extraordinary Functional Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31870-31879. | 8.0 | 15 |
| 9 | Low-Temperature and High-Energy-Density Li-Based Liquid Metal Batteries Based on LiCl-KCl Molten Salt Electrolyte. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1871-1879. | 6.7 | 15 |
| 10 | Synchronous nesting of hollow FeP nanospheres into a three-dimensional porous carbon scaffold via a salt-template method for performance-enhanced potassium-ion storage. <i>Sustainable Energy and Fuels</i> , 2021, 5, 844-854. | 4.9 | 12 |
| 11 | Feasibility Research of SS304 Serving as the Positive Current Collector of Li Sb-Sn Liquid Metal Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 237-245. | 3.1 | 11 |
| 12 | Stable Positive Current Collectors for Li Sb-Sn Liquid Metal Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 9013-9021. | 5.1 | 8 |
| 13 | External-Field-Induced Phase Transformation and Associated Properties in a Ni ₅₀ Mn ₃₄ Fe ₃ In ₁₃ Metamagnetic Shape Memory Wire. <i>Metals</i> , 2021, 11, 309. | 2.3 | 4 |
| 14 | Design Concepts of Transition Metal Dichalcogenides for High-Performance Aqueous Zn-Ion Storage. <i>Chemistry - A European Journal</i> , 2022, 28, . | 3.3 | 4 |
| 15 | Ferroelastic oligocrystalline microwire with unprecedented high-temperature superelastic and shape memory effects. <i>NPG Asia Materials</i> , 2022, 14, . | 7.9 | 2 |