

Limin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,156
citations

411340

20
h-index

620720

26
g-index

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all docs

27
docs citations

27
times ranked

4407
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Challenges and advances in wide-temperature rechargeable lithium batteries. <i>Energy and Environmental Science</i> , 2022, 15, 1711-1759. | 15.6 | 138 |
| 2 | Hysteresis Induced by Incomplete Cationic Redox in Li-Rich 3d-Transition-Metal Layered Oxides Cathodes. <i>Advanced Science</i> , 2022, 9, . | 5.6 | 7 |
| 3 | Structural Engineering of Covalent Organic Frameworks for Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003054. | 10.2 | 61 |
| 4 | High-capacity and small-polarization aluminum organic batteries based on sustainable quinone-based cathodes with Al ³⁺ insertion. <i>Cell Reports Physical Science</i> , 2021, 2, 100354. | 2.8 | 32 |
| 5 | Hierarchical Ti ₃ C ₂ T _x MXene/Carbon Nanotubes for Low Overpotential and Long-Life Li-CO ₂ Batteries. <i>ACS Nano</i> , 2021, 15, 8407-8417. | 7.3 | 54 |
| 6 | Microstructural Investigation into Na-Ion Storage Behaviors of Cellulose-Based Hard Carbons for Na-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14559-14566. | 1.5 | 15 |
| 7 | Sulfur-linked carbonyl polymer as a robust organic cathode for rapid and durable aluminum batteries. <i>Journal of Energy Chemistry</i> , 2021, 63, 320-327. | 7.1 | 22 |
| 8 | Two-Phase Transition Induced Amorphous Metal Phosphides Enabling Rapid, Reversible Alkali-Metal Ion Storage. <i>ACS Nano</i> , 2021, 15, 13486-13494. | 7.3 | 23 |
| 9 | Activating a Multielectron Reaction of NASICON-Structured Cathodes toward High Energy Density for Sodium-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2021, 143, 18091-18102. | 6.6 | 96 |
| 10 | Multifunctionalities of Graphene for Exploiting a Facile Conversion Reaction Route of Perovskite CoSnO ₃ for Highly Reversible Na Ion Storage. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7988-7995. | 2.1 | 5 |
| 11 | Recent Advances in the Rational Design and Synthesis of Two-Dimensional Materials for Multivalent Ion Batteries. <i>ChemSusChem</i> , 2020, 13, 1071-1092. | 3.6 | 25 |
| 12 | Salt-controlled dissolution in pigment cathode for high-capacity and long-life magnesium organic batteries. <i>Nano Energy</i> , 2019, 65, 103902. | 8.2 | 49 |
| 13 | Magnesium storage performance and mechanism of CuS cathode. <i>Nano Energy</i> , 2018, 47, 210-216. | 8.2 | 183 |
| 14 | Recent Developments on and Prospects for Electrode Materials with Hierarchical Structures for Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1701415. | 10.2 | 436 |
| 15 | Nickel-iron bimetallic diselenides with enhanced kinetics for high-capacity and long-life magnesium batteries. <i>Nano Energy</i> , 2018, 54, 360-366. | 8.2 | 82 |
| 16 | Amorphous CuSnO ₃ nanospheres anchored on interconnected carbon networks for use as novel anode materials for high-performance sodium ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2756-2762. | 3.0 | 20 |
| 17 | All Carbon Dual Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35978-35983. | 4.0 | 93 |
| 18 | Interlayer-Spacing-Regulated VOPO ₄ Nanosheets with Fast Kinetics for High-Capacity and Durable Rechargeable Magnesium Batteries. <i>Advanced Materials</i> , 2018, 30, e1801984. | 11.1 | 171 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Ultrasmall cobalt nanoparticles supported on nitrogen-doped porous carbon nanowires for hydrogen evolution from ammonia borane. <i>Materials Horizons</i> , 2017, 4, 268-273. | 6.4 | 105 |
| 20 | Structural and chemical synergistic effect of CoS nanoparticles and porous carbon nanorods for high-performance sodium storage. <i>Nano Energy</i> , 2017, 35, 281-289. | 8.2 | 247 |
| 21 | Urchin-like CoSe ₂ as a High-Performance Anode Material for Sodium-ion Batteries. <i>Advanced Functional Materials</i> , 2016, 26, 6728-6735. | 7.8 | 471 |
| 22 | Cobalt-doped FeS ₂ Nanospheres with Complete Solid Solubility as a High-Performance Anode Material for Sodium-ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12822-12826. | 7.2 | 394 |
| 23 | Cobalt-doped FeS ₂ Nanospheres with Complete Solid Solubility as a High-Performance Anode Material for Sodium-ion Batteries. <i>Angewandte Chemie</i> , 2016, 128, 13014-13018. | 1.6 | 268 |
| 24 | CuCo nanoparticles supported on hierarchically porous carbon as catalysts for hydrolysis of ammonia borane. <i>Journal of Alloys and Compounds</i> , 2015, 651, 382-388. | 2.8 | 75 |
| 25 | Ni nanoparticles supported on carbon as efficient catalysts for the hydrolysis of ammonia borane. <i>Nano Research</i> , 2014, 7, 774-781. | 5.8 | 74 |
| 26 | Synthesis and Characterization of Ultrathin Tin-doped Zinc Oxide Nanowires. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4268-4272. | 1.0 | 10 |