

Haiping Lei

List of Publications by Year in descending order

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872
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | High-Performance Aluminum-Ion Battery with CuS@C Microsphere Composite Cathode. ACS Nano, 2017, 11, 469-477. | 14.6 | 388 |
| 2 | Rechargeable ultrahigh-capacity tellurium-aluminum batteries. Energy and Environmental Science, 2019, 12, 1918-1927. | 30.8 | 172 |
| 3 | Nonaqueous Rechargeable Aluminum Batteries: Progresses, Challenges, and Perspectives. Chemical Reviews, 2021, 121, 4903-4961. | 47.7 | 147 |
| 4 | Gel electrolytes with a wide potential window for high-rate Al-ion batteries. Journal of Materials Chemistry A, 2019, 7, 20348-20356. | 10.3 | 54 |
| 5 | Alternate Storage of Opposite Charges in Multisites for High-Energy Density Al-MOF Batteries. Advanced Materials, 2022, 34, e2110109. | 21.0 | 39 |
| 6 | Modified separators for rechargeable high-capacity selenium-aluminium batteries. Chemical Engineering Journal, 2020, 385, 123452. | 12.7 | 36 |
| 7 | Design Strategies of High-Performance Positive Materials for Nonaqueous Rechargeable Aluminum Batteries: From Crystal Control to Battery Configuration. Small, 2022, 18, . | 10.0 | 15 |
| 8 | Graphene-encapsulated selenium@polyaniline nanowires with three-dimensional hierarchical architecture for high-capacity aluminum-selenium batteries. Journal of Materials Chemistry A, 2022, 10, 15146-15154. | 10.3 | 9 |
| 9 | Enhanced storage behavior of quasi-solid-state aluminum-selenium battery. RSC Advances, 2021, 11, 39484-39492. | 3.6 | 3 |