

Lujie Jia

List of Publications by Year in descending order

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12
papers

511
citations

759233

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565
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Construction of Moisture-Stable Lithium Diffusion Controlling Layer toward High Performance Dendrite-Free Lithium Anode. <i>Advanced Functional Materials</i> , 2022, 32, 2110468. | 14.9 | 32 |
| 2 | Advances and Prospects of 2D Graphene-Based Materials/Hybrids for Lithium Metal-Free Sulfur Full Battery: From Intrinsic Property to Catalysis Modification. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, . | 5.8 | 14 |
| 3 | Unraveling Shuttle Effect and Suppression Strategy in Lithium/Sulfur Cells by In Situ/Operando X-ray Absorption Spectroscopic Characterization. <i>Energy and Environmental Materials</i> , 2021, 4, 222-228. | 12.8 | 31 |
| 4 | In Situ Self-Assembly of Ordered Organic/Inorganic Dual-Layered Interphase for Achieving Long-Life Dendrite-Free Li Metal Anodes in LiFSI-Based Electrolyte. <i>Advanced Functional Materials</i> , 2021, 31, 2007434. | 14.9 | 65 |
| 5 | Iron vacancies and surface modulation of iron disulfide nanoflowers as a high power/energy density cathode for ultralong-life stable Li storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14769-14777. | 10.3 | 23 |
| 6 | Multi-ion Modulated Single-Step Synthesis of a Nanocarbon Embedded with a Defect-Rich Nanoparticle Catalyst for a High Loading Sulfur Cathode. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12727-12735. | 8.0 | 27 |
| 7 | Single atomic cobalt catalyst significantly accelerates lithium ion diffusion in high mass loading Li ₂ S cathode. <i>Energy Storage Materials</i> , 2020, 28, 375-382. | 18.0 | 92 |
| 8 | Single-Atomic Catalysts Embedded on Nanocarbon Supports for High Energy Density Lithium-Free Sulfur Batteries. <i>ChemSusChem</i> , 2020, 13, 3404-3411. | 6.8 | 41 |
| 9 | Hierarchical Sulfur-Doped Graphene Foam Embedded with Sn Nanoparticles for Superior Lithium Storage in LiFSI-Based Electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30500-30507. | 8.0 | 27 |
| 10 | High areal capacity flexible sulfur cathode based on multi-functionalized super-aligned carbon nanotubes. <i>Nano Research</i> , 2019, 12, 1105-1113. | 10.4 | 28 |
| 11 | <i>In Situ</i> X-ray Absorption Spectroscopic Investigation of the Capacity Degradation Mechanism in Mg/S Batteries. <i>Nano Letters</i> , 2019, 19, 2928-2934. | 9.1 | 63 |
| 12 | Robust electrical "highway" network for high mass loading sulfur cathode. <i>Nano Energy</i> , 2017, 40, 390-398. | 16.0 | 68 |