# Shiyong Zuo

List of Publications by Year
in descending order



| 17 | 593 | 623734 14 | 940533 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 430 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Unraveling the Catalytic Activity of Feâ€“Based Compounds toward Li<sub>2</sub>S<sub>x</sub> in Liâ€“S Chemical System from dâ€“p Bands. Advanced Energy Materials, 2021, 11, 2100673. | 19.5 | 89 |
| 2 | Cathodes for Aqueous Znâ€Ion Batteries: Materials, Mechanisms, and Kinetics. Chemistry - A European Journal, 2021, 27, 830-860. | 3.3 | 84 |
| 3 | B,N Codoped Graphitic Nanotubes Loaded with Co Nanoparticles as Superior Sulfur Host for Advanced Liâ€“S Batteries. Small, 2020, 16, e1906634. | 10.0 | 50 |
| 4 | Challenges and strategies of zinc anode for aqueous zinc-ion batteries. Materials Chemistry Frontiers, 2021, 5, 2201-2217. | 5.9 | 50 |
| 5 | Selfâ€Sacrifice Template Construction of Uniform Yolkâ€“Shell ZnS@C for Superior Alkaliâ€Ion Storage. Advanced Science, 2022, 9, e2200247. | 11.2 | 46 |
| 6 | SnO 2 /graphene oxide composite material with high rate performance applied in lithium storage capacity. Electrochimica Acta, 2018, 264, 61-68. | 5.2 | 45 |
| 7 | Ultrafine ZnS Nanoparticles in the Nitrogen-Doped Carbon Matrix for Long-Life and High-Stable Potassium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 11007-11017. | 8.0 | 44 |
| 8 | Inâ€Situ Synthesis of Carbonâ€Encapsulated Atomic Cobalt as Highly Efficient Polysulfide Electrocatalysts for Highly Stable Lithiumâ€“Sulfur Batteries. Small, 2022, 18, e2106640. | 10.0 | 33 |
| 9 | Pomegranate-like structured Nb2O5/Carbon@N-doped carbon composites as ultrastable anode for advanced sodium/potassium-ion batteries. Journal of Colloid and Interface Science, 2022, 613, 84-93. | 9.4 | 32 |
| 10 | Scalable One-Pot Synthesis of Hierarchical Bi@C Bulk with Superior Lithium-Ion Storage Performances. ACS Applied Materials & Interfaces, 2020, 12, 51478-51487. | 8.0 | 29 |
| 11 | Freestanding Sodium Vanadate/Carbon Nanotube Composite Cathodes with Excellent Structural Stability and High Rate Capability for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 816-826. | 8.0 | 25 |
| 12 | Fe<sub>3</sub>O<sub>4</sub>@C Nanotubes Grown on Carbon Fabric as a Freeâ€Standing Anode for Highâ€Performance Liâ€Ion Batteries. Chemistry - A European Journal, 2020, 26, 14708-14714. | 3.3 | 19 |
| 13 | Ni-Rich Layered Oxide with Preferred Orientation (110) Plane as a Stable Cathode Material for High-Energy Lithium-Ion Batteries. Nanomaterials, 2020, 10, 2495. | 4.1 | 19 |
| 14 | Direct Detection and Visualization of the H<sup>+</sup> Reaction Process in a VO<sub>2</sub> Cathode for Aqueous Zinc-Ion Batteries. Journal of Physical Chemistry Letters, 2021, 12, 7076-7084. | 4.6 | 19 |
| 15 | Facile Synthesis of Yolkâ€“Shell Bi@C Nanospheres with Superior Li-ion Storage Performances. Acta Metallurgica Sinica (English Letters), 2021, 34, 347-353. | 2.9 | 7 |
| 16 | Liâ€“S Batteries: Unraveling the Catalytic Activity of Feâ€“Based Compounds toward Li<sub>2</sub>S<sub>x</sub> in Liâ€“S Chemical System from dâ€“p Bands (Adv. Tj ETQq0 0 0 rgBT /Overlock 1 | 19.5 | 2 |
| 17 | Frontispiece: Cathodes for Aqueous Znâ€Ion Batteries: Materials, Mechanisms, and Kinetics. Chemistry - A European Journal, 2021, 27, . | 3.3 | 0 |