

Huan Ye

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,548
citations

236612

25
h-index

525886

27
g-index

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all docs

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docs citations

27
times ranked

3906
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 3D MXene architectures as sulfur hosts for high-performance lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2022, 66, 429-439. | 7.1 | 54 |
| 2 | Recent smart lithium anode configurations for high-energy lithium metal batteries. <i>Energy Storage Materials</i> , 2021, 38, 262-275. | 9.5 | 47 |
| 3 | Fatigue-Resistant Interfacial Layer for Safe Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 25712-25717. | 1.6 | 7 |
| 4 | Fatigue-Resistant Interfacial Layer for Safe Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25508-25513. | 7.2 | 73 |
| 5 | Recent progress on pristine metal/covalent-organic frameworks and their composites for lithium-sulfur batteries. <i>Energy and Environmental Science</i> , 2021, 14, 1835-1853. | 15.6 | 150 |
| 6 | Recent Progress in Designing Stable Composite Lithium Anodes with Improved Wettability. <i>Advanced Science</i> , 2020, 7, 2002212. | 5.6 | 95 |
| 7 | Recent advances and prospects of layered transition metal oxide cathodes for sodium-ion batteries. <i>Energy Storage Materials</i> , 2020, 30, 9-26. | 9.5 | 127 |
| 8 | Topological design of ultrastrong MXene paper hosted Li enables ultrathin and fully flexible lithium metal batteries. <i>Nano Energy</i> , 2020, 74, 104817. | 8.2 | 112 |
| 9 | An Outlook on Low-Volume-Change Lithium Metal Anodes for Long-Life Batteries. <i>ACS Central Science</i> , 2020, 6, 661-671. | 5.3 | 83 |
| 10 | A super-lithiophilic nanocrystallization strategy for stable lithium metal anodes. <i>Nano Energy</i> , 2020, 73, 104731. | 8.2 | 36 |
| 11 | Low volume change composite lithium metal anodes. <i>Nano Energy</i> , 2019, 64, 103910. | 8.2 | 68 |
| 12 | Guiding Uniform Li Plating/Stripping through Lithium-Aluminum Alloying Medium for Long-Life Li Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1094-1099. | 7.2 | 287 |
| 13 | Guiding Uniform Li Plating/Stripping through Lithium-Aluminum Alloying Medium for Long-Life Li Metal Batteries. <i>Angewandte Chemie</i> , 2019, 131, 1106-1111. | 1.6 | 52 |
| 14 | Realizing a highly stable sodium battery with dendrite-free sodium metal composite anodes and O3-type cathodes. <i>Nano Energy</i> , 2018, 48, 369-376. | 8.2 | 99 |
| 15 | Constructing a Stable Lithium Metal-Gel Electrolyte Interface for Quasi-Solid-State Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30065-30070. | 4.0 | 45 |
| 16 | Nitrogen and Oxygen Co-doped Graphitized Carbon Fibers with Sodiophilic-Rich Sites Guide Uniform Sodium Nucleation for Ultrahigh-Capacity Sodium-Metal Anodes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30417-30425. | 4.0 | 78 |
| 17 | Onion-like carbon microspheres as long-life anodes materials for Na-ion batteries. <i>Journal of Materials Science</i> , 2018, 53, 12421-12431. | 1.7 | 20 |
| 18 | Graphitic Nanocarbon-Selenium Cathode with Favorable Rate Capability for Li-Se Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8759-8765. | 4.0 | 54 |

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|----|--|------|-----------|
| 19 | Synergism of Al-containing solid electrolyte interphase layer and Al-based colloidal particles for stable lithium anode. <i>Nano Energy</i> , 2017, 36, 411-417. | 8.2 | 187 |
| 20 | Stable Li Plating/Stripping Electrochemistry Realized by a Hybrid Li Reservoir in Spherical Carbon Granules with 3D Conducting Skeletons. <i>Journal of the American Chemical Society</i> , 2017, 139, 5916-5922. | 6.6 | 410 |
| 21 | Free-Standing Hollow Carbon Fibers as High-Capacity Containers for Stable Lithium Metal Anodes. <i>Joule</i> , 2017, 1, 563-575. | 11.7 | 329 |
| 22 | Advanced Porous Carbon Materials for High-Efficient Lithium Metal Anodes. <i>Advanced Energy Materials</i> , 2017, 7, 1700530. | 10.2 | 208 |
| 23 | Graphitized Carbon Fibers as Multifunctional 3D Current Collectors for High Areal Capacity Li Anodes. <i>Advanced Materials</i> , 2017, 29, 1700389. | 11.1 | 495 |
| 24 | Three-dimensional carbon nanotube networks enhanced sodium trimesic: a new anode material for sodium ion batteries and Na-storage mechanism revealed by ex situ studies. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16622-16629. | 5.2 | 54 |
| 25 | Advanced Se-C nanocomposites: a bifunctional electrode material for both Li-Se and Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13293. | 5.2 | 133 |
| 26 | Tuning the porous structure of carbon hosts for loading sulfur toward long lifespan cathode materials for Li-S batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6602. | 5.2 | 189 |