

Yu Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2338918/publications.pdf>

Version: 2024-02-01

12
papers

1,160
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1991
citing authors

#	ARTICLE	IF	CITATIONS
1	A selenium-doped carbon anode of high performance for lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 457-464.	2.5	10
2	Spiral self-assembly of lamellar micelles into multi-shelled hollow nanospheres with unique chiral architecture. <i>Science Advances</i> , 2021, 7, eabi7403.	10.3	54
3	Facile and scalable synthesis of a sulfur, selenium and nitrogen co-doped hard carbon anode for high performance Na- and K-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14993-15001.	10.3	56
4	Toward heat-tolerant potassium batteries based on pyrolyzed selenium disulfide/polyacrylonitrile positive electrode and gel polymer electrolyte. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4544-4551.	10.3	19
5	Synergy of Sulfur/Polyacrylonitrile Composite and Gel Polymer Electrolyte Promises Heat-Resistant Lithium-Sulfur Batteries. <i>IScience</i> , 2019, 19, 316-325.	4.1	34
6	A Low-Cost Zn-Based Aqueous Supercapacitor with High Energy Density. <i>ACS Applied Energy Materials</i> , 2019, 2, 5835-5842.	5.1	80
7	A Large Scalable and Low-Cost Sulfur/Nitrogen Dual-Doped Hard Carbon as the Negative Electrode Material for High-Performance Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1901379.	19.5	195
8	An acetylene black modified gel polymer electrolyte for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13679-13686.	10.3	68
9	Sulfur nanocomposite as a positive electrode material for rechargeable potassium-sulfur batteries. <i>Chemical Communications</i> , 2018, 54, 2288-2291.	4.1	86
10	Advances of TiO ₂ as Negative Electrode Materials for Sodium-Ion Batteries. <i>Advanced Materials Technologies</i> , 2018, 3, 1800004.	5.8	68
11	Advances of Aluminum Based Energy Storage Systems. <i>Chinese Journal of Chemistry</i> , 2017, 35, 13-20.	4.9	33
12	Improved cycling performances of lithium sulfur batteries with LiNO ₃ -modified electrolyte. <i>Journal of Power Sources</i> , 2011, 196, 9839-9843.	7.8	457