

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