

Yun Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/480058/publications.pdf>

Version: 2024-02-01

13
papers

1,222
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of lithium-ion battery safety concerns: The issues, strategies, and testing standards. <i>Journal of Energy Chemistry</i> , 2021, 59, 83-99.	12.9	768
2	Solid Polymer Electrolytes with High Conductivity and Transference Number of Li Ions for Li-ion Based Rechargeable Batteries. <i>Advanced Science</i> , 2021, 8, 2003675.	11.2	172
3	Binder-Free Electrodes and Their Application for Li-Ion Batteries. <i>Nanoscale Research Letters</i> , 2020, 15, 112.	5.7	62
4	Precise separation of spent lithium-ion cells in water without discharging for recycling. <i>Energy Storage Materials</i> , 2022, 45, 1092-1099.	18.0	49
5	A novel three-step approach to separate cathode components for lithium-ion battery recycling. <i>Rare Metals</i> , 2021, 40, 1431-1436.	7.1	42
6	Room-temperature extraction of individual elements from charged spent LiFePO ₄ batteries. <i>Rare Metals</i> , 2022, 41, 1595-1604.	7.1	27
7	Lithium metal recycling from spent lithium-ion batteries by cathode overcharging process. <i>Rare Metals</i> , 2022, 41, 1843-1850.	7.1	24
8	Large-scale synthesis of lithium- and manganese-rich materials with uniform thin-film Al ₂ O ₃ coating for stable cathode cycling. <i>Science China Materials</i> , 2020, 63, 1683-1692.	6.3	23
9	Phosphorus-doped lithium- and manganese-rich layered oxide cathode material for fast charging lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2021, 62, 538-545.	12.9	23
10	Electrospun Core-Shell Nanofiber as Separator for Lithium-Ion Batteries with High Performance and Improved Safety. <i>Energies</i> , 2019, 12, 3391.	3.1	15
11	Molecular Sieve-Modified Separator for High-Performance Lithium-Ion Batteries. <i>Nanoscale Research Letters</i> , 2020, 15, 107.	5.7	8
12	AI Egens in Solar Energy Utilization: Advances and Opportunities. <i>Langmuir</i> , 2022, 38, 8719-8732.	3.5	6
13	Binder-Free Electrode based on Electrospun-Fiber for Li Ion Batteries via a Simple Rolling Formation. <i>Nanoscale Research Letters</i> , 2020, 15, 147.	5.7	3