Mingjiong Zhou

List of Publications by Year
in descending order

		759233	752698
20	834	12	20
papers	citations	h-index	g-index

20	20	20	1337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CO₂ treatment enables non-hazardous, reliable, and efficacious recovery of spent Li(Ni_{0.5}Co_{0.2}Mn_{0.3})O₂ cathodes. Green Chemistry, 2022, 24, 779-789.	9.0	22
2	Direct Recycling of Spent LiNi_{0.5}Co_{0.2}Mn_{0.3}O₂ Cathodes Based on Single Oxalic Acid Leaching and Regeneration under Mild Conditions Assisted by Lithium Acetate. Energy & Fuels, 2022, 36, 6552-6559.	5.1	9
3	Bidentate Phosphonateâ€Functionalized Ionic Liquid Exhibiting Better Ability in Improving the Performance of Lithiumâ€Ion Battery. ChemistrySelect, 2021, 6, 2607-2614.	1.5	5
4	Enhanced high voltage performance of LiNi_{0.5}Mn_{0.3}Co_{0.2}O₂ cathode via the synergistic effect of LiPO₂F₂ and FEC in fluorinated electrolyte for lithium-ion batteries. RSC Advances, 2021, 11, 7886-7895.	3.6	6
5	Flexible poly(vinylidene fluoride-co-hexafluoropropylene)-based gel polymer electrolyte for high-performance lithium-ion batteries. RSC Advances, 2021, 11, 11943-11951.	3.6	27
6	Improved Electrochemical Properties of LiCoO₂ via Ni, Mn Co-doping from LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂4 for Rechargeable Lithium-ion Batteries. Electrochemistry, 2020, 88, 295-299.	1.4	3
7	Metalâ€organic Framework of [Cu₂(BIPAâ€TC)(DMA)₂]n: A Promising Anode Material for Lithiumâ€Ion Battery. ChemistrySelect, 2020, 5, 4160-4164.	1.5	13
8	Phosphonateâ€functionalized Ionic Liquid: A Novel Electrolyte Additive for Eenhanced Cyclic Stability and Rate Capability of LiCoO 2 Cathode at High Voltage. ChemistrySelect, 2019, 4, 9959-9965.	1.5	14
9	Redox active azo-based metalâ€“organic frameworks as anode materials for lithium-ion batteries. New Journal of Chemistry, 2019, 43, 1710-1715.	2.8	14
10	Metal-organic frameworks derived porous carbon coated SiO composite as superior anode material for lithium ion batteries. Journal of Alloys and Compounds, 2018, 765, 512-519.	5.5	29
11	Enhancing Highâ€Rate Capability by Introducing Phosphonate Functionalized Imidazolium Ionic Liquid into Organic Carbonate Electrolyte. ChemistrySelect, 2018, 3, 4421-4424.	1.5	10
12	Micro-sized organometallic compound of ferrocene as high-performance anode material for advanced lithium-ion batteries. Journal of Power Sources, 2018, 375, 102-105.	7.8	17
13	Hierarchical porous ZnMnO₃ yolkâ€“shell microspheres with superior lithium storage properties enabled by a unique one-step conversion mechanism. RSC Advances, 2018, 8, 31388-31395.	3.6	14
14	Colorimetric Sensor Array for Detection of Iron(II) Ion. Current Organic Chemistry, 2018, 22, 831-834.	1.6	2
15	Electrochemical Properties and Thermal Stability of Silicon Monoxide Anode for Rechargeable Lithium-Ion Batteries. Electrochemistry, 2016, 84, 574-577.	1.4	9
16	In situ crosslinked PVAâ€“PEI polymer binder for long-cycle silicon anodes in Li-ion batteries. RSC Advances, 2016, 6, 68371-68378.	3.6	77
17	Enhanced Performance of Yolk-Shell Structured Si-PPy Composite as an Anode for Lithium Ion Batteries. Electrochemistry, 2015, 83, 1067-1070.	1.4	5
18	Interpenetrated Gel Polymer Binder for Highâ€Performance Silicon Anodes in Lithiumâ€ion Batteries. Advanced Functional Materials, 2014, 24, 5904-5910.	14.9	459

#	Article	IF	Citations
19	Enhanced performance of SiO/Fe2O3 composite as an anode for rechargeable Li-ion batteries. Electrochemistry Communications, 2013, 28, 79-82.	4.7	64
20	Mechanism on exothermic heat of FeF3 cathode in Li-ion batteries. Journal of Power Sources, 2012, 203, 103-108.	7.8	35