

# Mingjiong Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/398990/publications.pdf>

Version: 2024-02-01

20  
papers

834  
citations

759233

12  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpenetrated Gel Polymer Binder for High-Performance Silicon Anodes in Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2014, 24, 5904-5910.	14.9	459
2	In situ crosslinked PVA-PEI polymer binder for long-cycle silicon anodes in Li-ion batteries. <i>RSC Advances</i> , 2016, 6, 68371-68378.	3.6	77
3	Enhanced performance of SiO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> composite as an anode for rechargeable Li-ion batteries. <i>Electrochemistry Communications</i> , 2013, 28, 79-82.	4.7	64
4	Mechanism on exothermic heat of FeF <sub>3</sub> cathode in Li-ion batteries. <i>Journal of Power Sources</i> , 2012, 203, 103-108.	7.8	35
5	Metal-organic frameworks derived porous carbon coated SiO <sub>2</sub> composite as superior anode material for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2018, 765, 512-519.	5.5	29
6	Flexible poly(vinylidene fluoride-co-hexafluoropropylene)-based gel polymer electrolyte for high-performance lithium-ion batteries. <i>RSC Advances</i> , 2021, 11, 11943-11951.	3.6	27
7	CO <sub>2</sub> treatment enables non-hazardous, reliable, and efficacious recovery of spent Li(Ni <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> ) cathodes. <i>Green Chemistry</i> , 2022, 24, 779-789.	9.0	22
8	Micro-sized organometallic compound of ferrocene as high-performance anode material for advanced lithium-ion batteries. <i>Journal of Power Sources</i> , 2018, 375, 102-105.	7.8	17
9	Hierarchical porous ZnMnO <sub>3</sub> yolk-shell microspheres with superior lithium storage properties enabled by a unique one-step conversion mechanism. <i>RSC Advances</i> , 2018, 8, 31388-31395.	3.6	14
10	Phosphonate-functionalized Ionic Liquid: A Novel Electrolyte Additive for Enhanced Cyclic Stability and Rate Capability of LiCoO <sub>2</sub> Cathode at High Voltage. <i>ChemistrySelect</i> , 2019, 4, 9959-9965.	1.5	14
11	Redox active azo-based metal-organic frameworks as anode materials for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2019, 43, 1710-1715.	2.8	14
12	Metal-organic Framework of [Cu <sub>2</sub> (BIPAC)(DMA) <sub>2</sub> ] <sub>n</sub> : A Promising Anode Material for Lithium-Ion Battery. <i>ChemistrySelect</i> , 2020, 5, 4160-4164.	1.5	13
13	Enhancing High-Rate Capability by Introducing Phosphonate Functionalized Imidazolium Ionic Liquid into Organic Carbonate Electrolyte. <i>ChemistrySelect</i> , 2018, 3, 4421-4424.	1.5	10
14	Electrochemical Properties and Thermal Stability of Silicon Monoxide Anode for Rechargeable Lithium-Ion Batteries. <i>Electrochemistry</i> , 2016, 84, 574-577.	1.4	9
15	Direct Recycling of Spent LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> Cathodes Based on Single Oxalic Acid Leaching and Regeneration under Mild Conditions Assisted by Lithium Acetate. <i>Energy &amp; Fuels</i> , 2022, 36, 6552-6559.	5.1	9
16	Enhanced high voltage performance of LiNi <sub>0.5</sub> Mn <sub>0.3</sub> Co <sub>0.2</sub> O <sub>2</sub> cathode via the synergistic effect of LiPO <sub>2</sub> F <sub>2</sub> and FEC in fluorinated electrolyte for lithium-ion batteries. <i>RSC Advances</i> , 2021, 11, 7886-7895.	3.6	6
17	Enhanced Performance of Yolk-Shell Structured Si-PPy Composite as an Anode for Lithium Ion Batteries. <i>Electrochemistry</i> , 2015, 83, 1067-1070.	1.4	5
18	Bidentate Phosphonate-functionalized Ionic Liquid Exhibiting Better Ability in Improving the Performance of Lithium-Ion Battery. <i>ChemistrySelect</i> , 2021, 6, 2607-2614.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Improved Electrochemical Properties of $\text{LiCoO}_2$ via Ni, Mn Co-doping from $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ for Rechargeable Lithium-ion Batteries. <i>Electrochemistry</i> , 2020, 88, 295-299.		3
20	Colorimetric Sensor Array for Detection of Iron(II) Ion. <i>Current Organic Chemistry</i> , 2018, 22, 831-834.	1.6	2