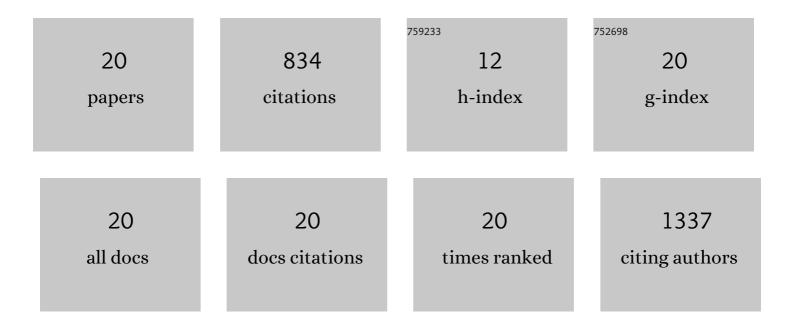
Mingjiong Zhou

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interpenetrated Gel Polymer Binder for Highâ€Performance Silicon Anodes in Lithiumâ€ion Batteries. Advanced Functional Materials, 2014, 24, 5904-5910.	14.9	459
2	In situ crosslinked PVA–PEI polymer binder for long-cycle silicon anodes in Li-ion batteries. RSC Advances, 2016, 6, 68371-68378.	3.6	77
3	Enhanced performance of SiO/Fe2O3 composite as an anode for rechargeable Li-ion batteries. Electrochemistry Communications, 2013, 28, 79-82.	4.7	64
4	Mechanism on exothermic heat of FeF3 cathode in Li-ion batteries. Journal of Power Sources, 2012, 203, 103-108.	7.8	35
5	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
6	Flexible poly(vinylidene fluoride- <i>co</i> -hexafluoropropylene)-based gel polymer electrolyte for high-performance lithium-ion batteries. RSC Advances, 2021, 11, 11943-11951.	3.6	27
7	CO ₂ treatment enables non-hazardous, reliable, and efficacious recovery of spent Li(Ni _{0.5} Co _{0.2} Mn _{0.3})O ₂ cathodes. Green Chemistry, 2022, 24, 779-789.	9.0	22
8	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
9	Hierarchical porous ZnMnO ₃ yolk–shell microspheres with superior lithium storage properties enabled by a unique one-step conversion mechanism. RSC Advances, 2018, 8, 31388-31395.	3.6	14
10	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
11	Redox active azo-based metal–organic frameworks as anode materials for lithium-ion batteries. New Journal of Chemistry, 2019, 43, 1710-1715.	2.8	14
12	Metalâ€organic Framework of [Cu ₂ (BIPAâ€TC)(DMA) ₂]n: A Promising Anode Material for Lithiumâ€ion Battery. ChemistrySelect, 2020, 5, 4160-4164.	1.5	13
13	Enhancing Highâ€Rate Capability by Introducing Phosphonate Functionalized Imidazolium Ionic Liquid into Organic Carbonate Electrolyte. ChemistrySelect, 2018, 3, 4421-4424.	1.5	10
14	Electrochemical Properties and Thermal Stability of Silicon Monoxide Anode for Rechargeable Lithium-Ion Batteries. Electrochemistry, 2016, 84, 574-577.	1.4	9
15	Direct Recycling of Spent LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ 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
16	Enhanced high voltage performance of LiNi _{0.5} Mn _{0.3} Co _{0.2} O ₂ cathode <i>via</i> the synergistic effect of LiPO ₂ F ₂ and FEC in fluorinated electrolyte for lithium-ion batteries. RSC Advances, 2021, 11, 7886-7895.	3.6	6
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	Bidentate Phosphonateâ€Functionalized Ionic Liquid Exhibiting Better Ability in Improving the Performance of Lithiumâ€Ion Battery. ChemistrySelect, 2021, 6, 2607-2614.	1.5	5

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