

Zhongliang Xiao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Research progress of polymer-inorganic filler solid composite electrolyte for lithium-ion batteries. <i>Ionics</i> , 2022, 28, 15-26.	2.4	26
2	Review on Thermal Runaway of Lithium-Ion Batteries for Electric Vehicles. <i>Journal of Electronic Materials</i> , 2022, 51, 30-46.	2.2	56
3	Highly Selective Adsorption and Recovery of Palladium from Spent Catalyst Wastewater by 1,4,7,10-Tetraazacyclododecane-Modified Mesoporous Silica. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1103-1114.	6.7	18
4	Dual-modification of WO ₃ -coating and Mg-doping on LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathodes for enhanced electrochemical performance at high voltage. <i>Ionics</i> , 2021, 27, 1909-1917.	2.4	5
5	Core-shell structure LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode material with improved electrochemical performance at high voltage. <i>Ionics</i> , 2021, 27, 949-959.	2.4	7
6	Mesoporous Si/C composite anode material: experiments and first-principles calculations. <i>Ionics</i> , 2020, 26, 589-599.	2.4	6
7	Thermo-electrochemical study of co-modified Li ₂ O-2B ₂ O ₃ -(LiNi _{0.5} Co _{0.2} Mn _{0.3}) _{0.98} Zr _{0.02} O ₂ cathode material. <i>Ionics</i> , 2020, 26, 673-681.	2.4	2
8	Enhanced electrochemical properties of Ni-rich LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ by SnO ₂ coating under high cutoff voltage. <i>Ionics</i> , 2020, 26, 2681-2688.	2.4	9
9	Research Progress on the Surface of High-Nickel Nickel-Cobalt-Manganese Ternary Cathode Materials: A Mini Review. <i>Frontiers in Chemistry</i> , 2020, 8, 761.	3.6	38
10	Analysis of the application of lithium ion battery in the intelligent digital display. <i>Ionics</i> , 2020, 26, 3969-3977.	2.4	1
11	Syntheses and fluorescent properties of complexes of Eu(III) with HTTA, TPPO and benzoic acid. <i>Journal of Rare Earths</i> , 2009, 27, 368-371.	4.8	4
12	Calorimetric investigation on mechanically activated storage energy mechanism of sphalerite and pyrite. <i>Thermochimica Acta</i> , 2005, 436, 10-14.	2.7	4
13	Calorimetric studies on leaching of mechanically activated sphalerite in FeCl ₃ solution. <i>Thermochimica Acta</i> , 2004, 416, 5-9.	2.7	7