

Yu Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	NASICON-structured Na ₃ MnTi(PO ₄) _{2.83} F _{0.5} cathode with high energy density and rate performance for sodium-ion batteries. Chemical Engineering Journal, 2022, 435, 134839.	12.7	24
2	Vanadium Oxide with Elevated Interlayers for Durable Aqueous Hybrid Li ⁺ /Zn ²⁺ Batteries. ACS Applied Energy Materials, 2022, 5, 9070-9078.	5.1	10
3	The cycle performance of high nickel cathode materials significantly enhanced by the LiAlO ₂ @Al ₂ O ₃ dual-modified coating. Electrochimica Acta, 2021, 367, 137216.	5.2	20
4	Exceeding three-electron reactions in Na _{3+2x} Mn _{1+x} Ti _{1-x} (PO ₄) ₃ NASICON cathodes with high energy density for sodium-ion batteries. Journal of Materials Chemistry A, 2021, 9, 10437-10446.	10.3	55
5	Defect-Rich Amorphous Iron-Based Oxide/Graphene Hybrid-Modified Separator toward the Efficient Capture and Catalysis of Polysulfides. ACS Applied Materials & Interfaces, 2021, 13, 41698-41706.	8.0	17
6	Cost-effective, long-term aqueous rechargeable hybrid sodium/zinc batteries based on Zn anode and Na ₃ MnTi(PO ₄) ₃ cathode. Chemical Engineering Journal, 2021, 425, 130459.	12.7	40
7	The composite electrode of Bi@carbon-texture derived from metal-organic frameworks for aqueous chloride ion battery. Ionics, 2020, 26, 2395-2403.	2.4	23
8	Recovery Li/Co from spent LiCoO ₂ electrode based on an aqueous dual-ion lithium-air battery. Electrochimica Acta, 2020, 332, 135529.	5.2	11
9	Study of spherical Li _{1.2-x} Na _x Mn _{0.534} Ni _{0.133} Co _{0.133} O ₂ cathode based on dual Li ⁺ /Na ⁺ transport system for Li-ion batteries. Solid State Ionics, 2020, 350, 115326.	2.7	10
10	Symmetric Sodium-Ion Battery Based on Dual-Electron Reactions of NASICON-Structured Na ₃ MnTi(PO ₄) ₃ Material. ACS Applied Materials & Interfaces, 2020, 12, 30328-30335.	8.0	65
11	An aqueous rechargeable dual-ion hybrid battery based on Zn//LiTi ₂ (PO ₄) ₃ electrodes. Sustainable Energy and Fuels, 2020, 4, 2448-2452.	4.9	5
12	Li _{1.1} Na _{0.1} Mn _{0.534} Ni _{0.133} Co _{0.133} O ₂ as cathode with ameliorated electrochemical performance based on dual Li ⁺ /Na ⁺ electrolyte. Ionics, 2019, 25, 51-59.	2.4	16
13	Aqueous rechargeable dual-ion battery based on fluoride ion and sodium ion electrochemistry. Journal of Materials Chemistry A, 2018, 6, 8244-8250.	10.3	63
14	Electrochemical Performance of Structure-Dependent Li _{1/3} Co _{1/3} Mn _{1/3} O ₂ in Aqueous Rechargeable Lithium-Ion Batteries. Energy Technology, 2018, 6, 391-396.	3.8	18
15	Effect of Carbonate Precipitant on the Microstructure and Electrochemical Properties of LiNi _{0.5} Mn _{1.5} O ₄ Cathodes. Journal of the Electrochemical Society, 2018, 165, A1671-A1678.	2.9	3
16	Coupling desalination and energy storage with redox flow electrodes. Nanoscale, 2018, 10, 12308-12314.	5.6	70