

# Yu Zhou

## List of Publications by Year in descending order

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16  
papers

450  
citations

840776

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h-index

940533

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16  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	NASICON-structured $\text{Na}_3\text{MnTi}(\text{PO}_4)_2.83\text{F}_{0.5}$ cathode with high energy density and rate performance for sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 435, 134839.	12.7	24
2	Vanadium Oxide with Elevated Interlayers for Durable Aqueous Hybrid $\text{Li}^+/\text{Zn}^{2+}$ Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 9070-9078.	5.1	10
3	The cycle performance of high nickel cathode materials significantly enhanced by the $\text{LiAlO}_2/\text{Al}_2\text{O}_3$ dual-modified coating. <i>Electrochimica Acta</i> , 2021, 367, 137216.	5.2	20
4	Exceeding three-electron reactions in $\text{Na}_{3+2x}\text{Mn}_{1+x}\text{Ti}_{1-x}(\text{PO}_4)_3$ NASICON cathodes with high energy density for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 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. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41698-41706.	8.0	17
6	Cost-effective, long-term aqueous rechargeable hybrid sodium/zinc batteries based on Zn anode and $\text{Na}_3\text{MnTi}(\text{PO}_4)_3$ cathode. <i>Chemical Engineering Journal</i> , 2021, 425, 130459.	12.7	40
7	The composite electrode of Bi@carbon-texture derived from metal-organic frameworks for aqueous chloride ion battery. <i>Ionics</i> , 2020, 26, 2395-2403.	2.4	23
8	Recovery Li/Co from spent $\text{LiCoO}_2$ electrode based on an aqueous dual-ion lithium-air battery. <i>Electrochimica Acta</i> , 2020, 332, 135529.	5.2	11
9	Study of spherical $\text{Li}_{1.2-x}\text{Na}_x\text{Mn}_{0.534}\text{Ni}_{0.133}\text{Co}_{0.133}\text{O}_2$ cathode based on dual $\text{Li}^+/\text{Na}^+$ transport system for Li-ion batteries. <i>Solid State Ionics</i> , 2020, 350, 115326.	2.7	10
10	Symmetric Sodium-Ion Battery Based on Dual-Electron Reactions of NASICON-Structured $\text{Na}_3\text{MnTi}(\text{PO}_4)_3$ Material. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30328-30335.	8.0	65
11	An aqueous rechargeable dual-ion hybrid battery based on $\text{Zn}/\text{LiTi}_2(\text{PO}_4)_3$ electrodes. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2448-2452.	4.9	5
12	$\text{Li}_{1.1}\text{Na}_{0.1}\text{Mn}_{0.534}\text{Ni}_{0.133}\text{Co}_{0.133}\text{O}_2$ as cathode with ameliorated electrochemical performance based on dual $\text{Li}^+/\text{Na}^+$ electrolyte. <i>Ionics</i> , 2019, 25, 51-59.	2.4	16
13	Aqueous rechargeable dual-ion battery based on fluoride ion and sodium ion electrochemistry. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8244-8250.	10.3	63
14	Electrochemical Performance of Structure-Dependent $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ in Aqueous Rechargeable Lithium-Ion Batteries. <i>Energy Technology</i> , 2018, 6, 391-396.	3.8	18
15	Effect of Carbonate Precipitant on the Microstructure and Electrochemical Properties of $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Cathodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1671-A1678.	2.9	3
16	Coupling desalination and energy storage with redox flow electrodes. <i>Nanoscale</i> , 2018, 10, 12308-12314.	5.6	70