

# Zhenrui Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7296360/publications.pdf>

Version: 2024-02-01

10  
papers

890  
citations

1163117

8  
h-index

1474206

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g-index

10  
all docs

10  
docs citations

10  
times ranked

1093  
citing authors

#	ARTICLE	IF	CITATIONS
1	The roles of electrolyte chemistry in hard carbon anode for potassium-ion batteries. Chemical Engineering Journal, 2022, 427, 130972.	12.7	36
2	Lignin-derived hard carbon anode for potassium-ion batteries: Interplay among lignin molecular weight, material structures, and storage mechanisms. Chemical Engineering Journal, 2022, 427, 131547.	12.7	36
3	An in-Depth Study of How Zinc Metal Surface Morphology Determines Aqueous Zinc-Ion Battery Stability. ECS Meeting Abstracts, 2022, MA2022-01, 14-14.	0.0	0
4	Potassium-ion battery cathodes: Past, present, and prospects. Journal of Power Sources, 2021, 484, 229307.	7.8	43
5	Engineering interfacial layers to enable Zn metal anodes for aqueous zinc-ion batteries. Energy Storage Materials, 2021, 43, 317-336.	18.0	154
6	Understanding the electrochemical properties and phase transformations of layered VOPO <sub>4</sub> ·xH <sub>2</sub> O as a potassium-ion battery cathode. Journal of Power Sources, 2020, 480, 228864.	7.8	9
7	Electrolyte-assisted dissolution-recrystallization mechanism towards high energy density and power density CF cathodes in potassium cell. Nano Energy, 2020, 70, 104552.	16.0	41
8	Li-free Cathode Materials for High Energy Density Lithium Batteries. Joule, 2019, 3, 2086-2102.	24.0	239
9	Loofah-derived carbon as an anode material for potassium ion and lithium ion batteries. Electrochimica Acta, 2019, 306, 446-453.	5.2	129
10	Graphite as a potassium ion battery anode in carbonate-based electrolyte and ether-based electrolyte. Journal of Power Sources, 2019, 409, 24-30.	7.8	203