

# Ruoyu Xiong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1891077/publications.pdf>

Version: 2024-02-01

6  
papers

125  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

28  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Tortuosity and Reinforced Concrete Type Ultra-Thick Electrode for Practical Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	33
2	Scalable Manufacture of High-Performance Battery Electrodes Enabled by a Template-Free Method. <i>Small Methods</i> , 2021, 5, e2100280.	8.6	24
3	Enhanced homogeneity of electrochemical reaction via low tortuosity enabling high-voltage nickel-rich layered oxide thick-electrode. <i>Energy Storage Materials</i> , 2022, 46, 443-451.	18.0	23
4	Unveiling low-tortuous effect on electrochemical performance toward ultrathick LiFePO <sub>4</sub> electrode with 100 Åm <sup>2</sup> area loading. <i>Journal of Power Sources</i> , 2021, 515, 230588.	7.8	22
5	Improvement of electrochemical homogeneity for lithium-ion batteries enabled by a conjoined-electrode structure. <i>Applied Energy</i> , 2020, 270, 115109.	10.1	17
6	Molecular Insights into the Structure and Property Variation of the Pressure-Induced Solid Electrolyte Interphase on a Lithium Metal Anode. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 24875-24885.	8.0	6