

# Hongkui Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10065983/publications.pdf>

Version: 2024-02-01

9  
papers

235  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-entropy phosphate catalyst for oxygen evolution reaction. <i>Nano Energy</i> , 2021, 86, 106029.	16.0	100
2	In Situ TEM Study on Conversion-Type Electrodes for Rechargeable Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2000699.	21.0	58
3	In situ transmission electron microscopy and artificial intelligence enabled data analytics for energy materials. <i>Journal of Energy Chemistry</i> , 2022, 68, 454-493.	12.9	33
4	Origin of anomalous high-rate Na-ion electrochemistry in layered bismuth telluride anodes. <i>Matter</i> , 2021, 4, 1335-1351.	10.0	26
5	Air-protective Cryo-FIB Tomography of Sensitive Materials for Energy Applications. <i>Microscopy and Microanalysis</i> , 2020, 26, 1828-1829.	0.4	7
6	A New Cryo-FIB-TEM Approach for Damage-free Characterization of Garnet Electrolytes in Solid-state Batteries. <i>Microscopy and Microanalysis</i> , 2020, 26, 2784-2785.	0.4	5
7	van der Waals Semiconductor Empowered Vertical Color Sensor. <i>ACS Nano</i> , 2022, 16, 8619-8629.	14.6	5
8	Probing Microstructure-Dependent Ionic Conductivity and Stability of Garnet Solid Electrolytes through In Situ TEM with Operando Impedance Spectroscopy. <i>Microscopy and Microanalysis</i> , 2021, 27, 1506-1507.	0.4	1
9	Resolving Grain Boundary Microstructures in Garnet-Type $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ using Model-Based TEM Image Simulation. <i>Microscopy and Microanalysis</i> , 2021, 27, 1758-1759.	0.4	0