

Hongkui Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

235
citations

1684188

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1588992

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g-index

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all docs

9
docs citations

9
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	van der Waals Semiconductor Empowered Vertical Color Sensor. <i>ACS Nano</i> , 2022, 16, 8619-8629.	14.6	5
3	In Situ TEM Study on Conversion-Type Electrodes for Rechargeable Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2000699.	21.0	58
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	Resolving Grain Boundary Microstructures in Garnet-Type Li ₇ La ₃ Zr ₂ O ₁₂ using Model-Based TEM Image Simulation. <i>Microscopy and Microanalysis</i> , 2021, 27, 1758-1759.	0.4	0
6	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
7	A high-entropy phosphate catalyst for oxygen evolution reaction. <i>Nano Energy</i> , 2021, 86, 106029.	16.0	100
8	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
9	Air-protective Cryo-FIB Tomography of Sensitive Materials for Energy Applications. <i>Microscopy and Microanalysis</i> , 2020, 26, 1828-1829.	0.4	7