

Michael Wang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

860
citations

1163117
8
h-index

1588992
8
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8
all docs

8
docs citations

8
times ranked

1704
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolving contact mechanics and microstructure formation dynamics of the lithium metal-Li ₇ La ₃ Zr ₂ O ₁₂ interface. <i>Nature Communications</i> , 2021, 12, 6369.	12.8	26
2	Sodium Plating from Na ⁺ in Al ₂ O ₃ Alumina Ceramics at Room Temperature, Paving the Way for Fast Charging All-Solid-State Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1902899.	19.5	99
3	The Effects of Electric Field Distribution on the Interface Stability in Solid Electrolytes. <i>Journal of the Electrochemical Society</i> , 2020, 167, 140501.	2.9	11
4	Temperature dependent flux balance of the Li/Li ₇ La ₃ Zr ₂ O ₁₂ interface. <i>Electrochimica Acta</i> , 2019, 296, 842-847.	5.2	120
5	Correlating the interface resistance and surface adhesion of the Li metal-solid electrolyte interface. <i>Journal of Power Sources</i> , 2018, 377, 7-11.	7.8	85
6	Demonstration of high current densities and extended cycling in the garnet Li ₇ La ₃ Zr ₂ O ₁₂ solid electrolyte. <i>Journal of Power Sources</i> , 2018, 396, 314-318.	7.8	127
7	Flexible and stretchable power sources for wearable electronics. <i>Science Advances</i> , 2017, 3, e1602051.	10.3	323
8	Fabrication of a High-Performance Flexible Silver-Zinc Wire Battery. <i>Advanced Electronic Materials</i> , 2016, 2, 1500296.	5.1	69