

Marissa Wood

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

959
citations

623734

14
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1473
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the relationship between solvent-assisted ball milling, particle size, and sintering temperature in garnet-type solid electrolytes. <i>Journal of Power Sources</i> , 2021, 484, 229252.	7.8	23
2	3D Printed Nickel-Molybdenum-Based Electrocatalysts for Hydrogen Evolution at Low Overpotentials in a Flow-Through Configuration. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20260-20268.	8.0	22
3	Towards understanding particle rigid-body motion during solid-state sintering. <i>Journal of the European Ceramic Society</i> , 2021, 41, 211-231.	5.7	16
4	Fast Permeation of Small Ions in Carbon Nanotubes. <i>Advanced Science</i> , 2021, 8, 2001802.	11.2	19
5	Impact of secondary particle size and two-layer architectures on the high-rate performance of thick electrodes in lithium-ion battery pouch cells. <i>Journal of Power Sources</i> , 2021, 515, 230429.	7.8	41
6	Microstructural impacts on ionic conductivity of oxide solid electrolytes from a combined atomistic-mesoscale approach. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	25
7	Chemical stability and long-term cell performance of low-cobalt, Ni-Rich cathodes prepared by aqueous processing for high-energy Li-Ion batteries. <i>Energy Storage Materials</i> , 2020, 24, 188-197.	18.0	155
8	Perspectives on the relationship between materials chemistry and roll-to-roll electrode manufacturing for high-energy lithium-ion batteries. <i>Energy Storage Materials</i> , 2020, 29, 254-265.	18.0	54
9	3D Printing of Solid-State Electrolytes for Li-Ion Batteries: Processing and Morphology Optimization. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
10	Three-dimensional conductive network formed by carbon nanotubes in aqueous processed NMC electrode. <i>Electrochimica Acta</i> , 2018, 270, 54-61.	5.2	39
11	Balancing formation time and electrochemical performance of high energy lithium-ion batteries. <i>Journal of Power Sources</i> , 2018, 402, 107-115.	7.8	56
12	Selecting the Best Graphite for Long-Life, High-Energy Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1837-A1845.	2.9	65
13	Toward Low-Cost, High-Energy Density, and High-Power Density Lithium-Ion Batteries. <i>Jom</i> , 2017, 69, 1484-1496.	1.9	186
14	Bipolar Electrochemical Method for Dynamic <i>In Situ</i> Control of Single Metal Nanowire Growth. <i>ACS Nano</i> , 2015, 9, 2454-2464.	14.6	35
15	Nanoscale Electrochemistry. <i>Analytical Chemistry</i> , 2013, 85, 473-486.	6.5	146
16	A Silica Nanochannel and Its Applications in Sensing and Molecular Transport. <i>Analytical Chemistry</i> , 2009, 81, 5541-5548.	6.5	77