

Ashok S Menon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1508636/publications.pdf>

Version: 2024-02-01

11
papers

434
citations

1163117

8
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

909
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis-structure relationships in Li- and Mn-rich layered oxides: phase evolution, superstructure ordering and stacking faults. Dalton Transactions, 2022, 51, 4435-4446.	3.3	8
2	Synthetic Pathway Determines the Nonequilibrium Crystallography of Li- and Mn-Rich Layered Oxide Cathode Materials. ACS Applied Energy Materials, 2021, 4, 1924-1935.	5.1	15
3	Moisture-Driven Degradation Pathways in Prussian White Cathode Material for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 10054-10063.	8.0	47
4	Rapid Determination of the Li-Ion Diffusion Coefficient in Intercalation Electrodes by Intermittent Current Interruption. ECS Meeting Abstracts, 2021, MA2021-02, 35-35.	0.0	0
5	Influence of Synthesis Routes on the Crystallography, Morphology, and Electrochemistry of Li_2MnO_3 . ACS Applied Materials & Interfaces, 2020, 12, 5939-5950.	8.0	20
6	Simultaneous Monitoring of Crystalline Active Materials and Resistance Evolution in Lithium-Sulfur Batteries. Journal of the American Chemical Society, 2020, 142, 1449-1456.	13.7	42
7	Sodium Bis(oxalato)borate in Trimethyl Phosphate: A Fire-Extinguishing, Fluorine-Free, and Low-Cost Electrolyte for Full-Cell Sodium-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 4974-4982.	5.1	34
8	Understanding the Roles of Tris(trimethylsilyl) Phosphite (TMSPi) in $\text{Li}_{0.8}\text{Mn}_{0.1}\text{Co}_{0.1}\text{O}_2$ (NMC811)/Silicon-Graphite (Si-Gr) Lithium-Ion Batteries. Advanced Materials Interfaces, 2020, 7, 2000277.	3.7	56
9	Depth-dependent oxygen redox activity in lithium-rich layered oxide cathodes. Journal of Materials Chemistry A, 2019, 7, 25355-25368.	10.3	62
10	Honeycomb-like porous 3D nickel electrodeposition for stable Li and Na metal anodes. Energy Storage Materials, 2018, 12, 69-78.	18.0	135
11	Understanding the Impact of Precipitation Kinetics on the Electrochemical Performance of Lithium-Sulfur Batteries by Operando X-ray Diffraction. Journal of Physical Chemistry C, 0, , .	3.1	8