

# Ashok S Menon

## List of Publications by Year in descending order

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11  
papers

434  
citations

1163117

8  
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1474206

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docs citations

14  
times ranked

909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Honeycomb-like porous 3D nickel electrodeposition for stable Li and Na metal anodes. <i>Energy Storage Materials</i> , 2018, 12, 69-78.	18.0	135
2	Depth-dependent oxygen redox activity in lithium-rich layered oxide cathodes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25355-25368.	10.3	62
3	Understanding the Roles of Tris(trimethylsilyl) Phosphite (TMSPi) in $\text{LiNi}_{0.8}\text{Mn}_{0.1}\text{Co}_{0.1}\text{O}_2$ (NMC811)/Silicon-Graphite (Si-Gr) Lithium-Ion Batteries. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000277.	3.7	56
4	Moisture-Driven Degradation Pathways in Prussian White Cathode Material for Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10054-10063.	8.0	47
5	Simultaneous Monitoring of Crystalline Active Materials and Resistance Evolution in Lithium-Sulfur Batteries. <i>Journal of the American Chemical Society</i> , 2020, 142, 1449-1456.	13.7	42
6	Sodium Bis(oxalato)borate in Trimethyl Phosphate: A Fire-Extinguishing, Fluorine-Free, and Low-Cost Electrolyte for Full-Cell Sodium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 4974-4982.	5.1	34
7	Influence of Synthesis Routes on the Crystallography, Morphology, and Electrochemistry of $\text{Li}_2\text{MnO}_3$ . <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5939-5950.	8.0	20
8	Synthetic Pathway Determines the Nonequilibrium Crystallography of Li- and Mn-Rich Layered Oxide Cathode Materials. <i>ACS Applied Energy Materials</i> , 2021, 4, 1924-1935.	5.1	15
9	Understanding the Impact of Precipitation Kinetics on the Electrochemical Performance of Lithium-Sulfur Batteries by Operando X-ray Diffraction. <i>Journal of Physical Chemistry C</i> , 0, , .	3.1	8
10	Synthesis-structure relationships in Li- and Mn-rich layered oxides: phase evolution, superstructure ordering and stacking faults. <i>Dalton Transactions</i> , 2022, 51, 4435-4446.	3.3	8
11	Rapid Determination of the Li-Ion Diffusion Coefficient in Intercalation Electrodes by Intermittent Current Interruption. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 35-35.	0.0	0