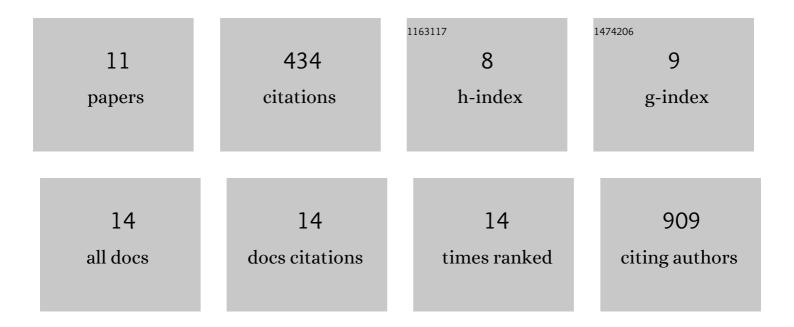
Ashok S Menon

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Honeycomb-like porous 3D nickel electrodeposition for stable Li and Na metal anodes. Energy Storage Materials, 2018, 12, 69-78.	18.0	135
2	Depth-dependent oxygen redox activity in lithium-rich layered oxide cathodes. Journal of Materials Chemistry A, 2019, 7, 25355-25368.	10.3	62
3	Understanding the Roles of Tris(trimethylsilyl) Phosphite (TMSPi) in LiNi _{0.8} Mn _{0.1} Co _{0.1} O ₂ (NMC811)/Silicon–Graphite (Si–Gr) Lithiumâ€Ion Batteries. Advanced Materials Interfaces, 2020, 7, 2000277.	3.7	56
4	Moisture-Driven Degradation Pathways in Prussian White Cathode Material for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 10054-10063.	8.0	47
5	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
6	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
7	Influence of Synthesis Routes on the Crystallography, Morphology, and Electrochemistry of Li ₂ MnO ₃ . ACS Applied Materials & Interfaces, 2020, 12, 5939-5950.	8.0	20
8	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
9	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
10	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
11	Rapid Determination of the Li-Ion Diffusion Coefficient in Intercalation Electrodes by Intermittent	0.0	0