

Sobana Perumaram Rangarajan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1478505

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1720034

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g-index

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all docs

9
docs citations

9
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Plating energy as a universal descriptor to classify accelerated cell failure under operational extremes. <i>Cell Reports Physical Science</i> , 2022, 3, 100720.	5.6	8
2	Preventing lithium plating under extremes: an untold tale of two electrodes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17249-17260.	10.3	14
3	“A Versatile Operando Analytics Toolbox in Energy Storage. <i>ACS Omega</i> , 2021, 6, 33284-33292.	3.5	3
4	Anode potential controlled charging prevents lithium plating. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13077-13085.	10.3	43
5	Mesoscale Anatomy of Dead Lithium Formation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6502-6511.	3.1	31
6	<i>In operando</i> signature and quantification of lithium plating. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20683-20695.	10.3	49
7	In Operando Impedance Based Diagnostics of Electrode Kinetics in Li-Ion Pouch Cells. <i>Journal of the Electrochemical Society</i> , 2019, 166, A2131-A2141.	2.9	28