

Sobana Perumaram Rangarajan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1807932/publications.pdf>

Version: 2024-02-01

7
papers

177
citations

1478505

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1720034

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9
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9
docs citations

9
times ranked

267
citing authors

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