

Nataliia Mozhzhukhina

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared Spectroscopy Studies on Stability of Dimethyl Sulfoxide for Application in a Li ⁺ Air Battery. Journal of Physical Chemistry C, 2013, 117, 18375-18380.	3.1	141
2	A rotating ring disk electrode study of the oxygen reduction reaction in lithium containing non aqueous electrolyte. Electrochemistry Communications, 2013, 31, 56-58.	4.7	44
3	In Situ Infrared Spectroscopy Study of PYR ₁₄ TFSI Ionic Liquid Stability for Li ⁺ O ₂ Battery. Journal of the Electrochemical Society, 2017, 164, A518-A523.	2.9	42
4	Perspectiveâ€”The Correct Assessment of Standard Potentials of Reference Electrodes in Non-Aqueous Solution. Journal of the Electrochemical Society, 2017, 164, A2295-A2297.	2.9	42
5	A Rotating Ring Disk Electrode Study of the Oxygen Reduction Reaction in Lithium Containing Dimethyl Sulfoxide Electrolyte: Role of Superoxide. Journal of the Electrochemical Society, 2014, 161, A2204-A2209.	2.9	40
6	Direct <i>Operando</i> Observation of Double Layer Charging and Early Solid Electrolyte Interphase Formation in Li-Ion Battery Electrolytes. Journal of Physical Chemistry Letters, 2020, 11, 4119-4123.	4.6	38
7	Insights into dimethyl sulfoxide decomposition in Li-O ₂ battery: Understanding carbon dioxide evolution. Electrochemistry Communications, 2017, 80, 16-19.	4.7	22
8	Operando Monitoring the Insulatorâ€”Metal Transition of LiCoO ₂ . ACS Applied Materials & Interfaces, 2021, 13, 22540-22548.	8.0	20
9	A conductivity study of preferential solvation of lithium ion in acetonitrile-dimethyl sulfoxide mixtures. Electrochimica Acta, 2015, 154, 456-461.	5.2	19
10	Reviewâ€”Reference Electrodes in Li-Ion and Next Generation Batteries: Correct Potential Assessment, Applications and Practices. Journal of the Electrochemical Society, 2021, 168, 120539.	2.9	15
11	Short-range ordering in the Li-rich disordered rock salt cathode material Li ₂ VO ₂ F revealed by Raman spectroscopy. Journal of Raman Spectroscopy, 2020, 51, 2095-2101.	2.5	13
12	Silyl-Functionalized Electrolyte Additives and Their Reactivity toward Lewis Bases in Li-Ion Cells. Chemistry of Materials, 2022, 34, 3831-3838.	6.7	6
13	Communicationâ€”Lithium Ion Concentration Effect in PYR ₁₄ TFSI Ionic Liquid for Li-O ₂ Battery Cathodes. Journal of the Electrochemical Society, 2017, 164, H5277-H5279.	2.9	4
14	PRISMA: A Robust and Intuitive Tool for High-Throughput Processing of Chemical Spectra**. Chemistry Methods, 2022, 2, .	3.8	2