

Svetlana Menkin

List of Publications by Year in descending order

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1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive <i>In Situ</i> NMR Study of “Dead Lithium” Formation and Lithium Corrosion in Full-Cell Lithium Metal Batteries. <i>Journal of the American Chemical Society</i> , 2020, 142, 20814-20827.	13.7	160
2	High power direct methanol fuel cell for mobility and portable applications. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 3138-3143.	7.1	101
3	Selective NMR observation of the SEI–metal interface by dynamic nuclear polarisation from lithium metal. <i>Nature Communications</i> , 2020, 11, 2224.	12.8	91
4	Towards smart free form-factor 3D printable batteries. <i>Sustainable Energy and Fuels</i> , 2018, 2, 1542-1549.	4.9	67
5	Investigating the effect of a fluoroethylene carbonate additive on lithium deposition and the solid electrolyte interphase in lithium metal batteries using <i>in situ</i> NMR spectroscopy. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14975-14992.	10.3	57
6	Toward an Understanding of SEI Formation and Lithium Plating on Copper in Anode-Free Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16719-16732.	3.1	55
7	Large-Scale Self-Catalyzed Spongelike Silicon Nano-Network-Based 3D Anodes for High-Capacity Lithium-Ion Batteries. <i>Nano Letters</i> , 2019, 19, 1944-1954.	9.1	53
8	New Route to Battery Grade NaPF ₆ for Na–Ion Batteries: Expanding the Accessible Concentration. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24882-24887.	13.8	31
9	Effects of Atmospheric Gases on Li Metal Cyclability and Solid-Electrolyte Interphase Formation. <i>ACS Energy Letters</i> , 2020, 5, 1088-1094.	17.4	29
10	Drop-on-Demand 3D Printing of Lithium Iron Phosphate Cathodes. <i>Journal of the Electrochemical Society</i> , 2019, 166, A5059-A5064.	2.9	24
11	Sodium Borates: Expanding the Electrolyte Selection for Sodium–Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
12	New Route to Battery Grade NaPF ₆ for Na–Ion Batteries: Expanding the Accessible Concentration. <i>Angewandte Chemie</i> , 0, , .	2.0	8
13	Sodium Borates: Expanding the Electrolyte Selection for Sodium–Ion Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
14	<i>In Situ</i> NMR Studies of Li Microstructure Formation. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	1
15	Beyond the Norm: Synthesis and Electrochemical Study of High Concentrated NaPF ₆ Electrolytes. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 498-498.	0.0	1
16	The Study of Composite Artificial-SEI for Lithium Metal Anodes. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
17	Towards an Understanding of the SEI Formation and Lithium Preferential Plating on Copper. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3773-3773.	0.0	0