

Thomas A Yersak

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

869
citations

1162889

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1281743

11
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docs citations

12
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges for and Pathways toward Li-Metal-Based All-Solid-State Batteries. ACS Energy Letters, 0, , 1399-1404.	8.8	228
2	Solid State Enabled Reversible Four Electron Storage. Advanced Energy Materials, 2013, 3, 120-127.	10.2	155
3	Conformal Coatings of Cyclized PAN for Mechanically Resilient Si nano-Composite Anodes. Advanced Energy Materials, 2013, 3, 697-702.	10.2	134
4	A Stabilized PAN-FeS ₂ Cathode with an EC/DEC Liquid Electrolyte. Advanced Energy Materials, 2014, 4, 1300961.	10.2	100
5	A Highly Reversible Nano-Si Anode Enabled by Mechanical Confinement in an Electrochemically Activated Li _x Ti ₄ Ni ₄ Si ₇ Matrix. Advanced Energy Materials, 2012, 2, 1226-1231.	10.2	94
6	An All-Solid-State Li-Ion Battery with a Pre-Lithiated Si-Ti-Ni Alloy Anode. Journal of the Electrochemical Society, 2013, 160, A1497-A1501.	1.3	49
7	Predictive model for depressurization-induced blistering of type IV tank liners for hydrogen storage. International Journal of Hydrogen Energy, 2017, 42, 28910-28917.	3.8	49
8	Hot Pressed, Fiber-Reinforced (Li ₂ S) ₇₀ (P ₂ S ₅) ₃₀ Solid-State Electrolyte Separators for Li Metal Batteries. ACS Applied Energy Materials, 2019, 2, 3523-3531.	2.5	32
9	Dense, Melt Cast Sulfide Glass Electrolyte Separators for Li Metal Batteries. Journal of the Electrochemical Society, 2019, 166, A1535-A1542.	1.3	13
10	Hybrid Li-S pouch cell with a reinforced sulfide glass solid-state electrolyte film separator. International Journal of Applied Glass Science, 2021, 12, 124-134.	1.0	7
11	Consolidation of composite cathodes with NCM and sulfide solid-state electrolytes by hot pressing for all-solid-state Li metal batteries. Journal of Solid State Electrochemistry, 2022, 26, 709-718.	1.2	5
12	Sulfide glass solid-state electrolyte separators for Li metal batteries: using an interlayer to increase rate performance and reduce stack pressure. Materials Advances, 2022, 3, 3562-3570.	2.6	3