

Jason K Ostanek

List of Publications by Year in descending order

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10
papers

165
citations

1684188

5
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulating onset and evolution of thermal runaway in Li-ion cells using a coupled thermal and venting model. Applied Energy, 2020, 268, 114972.	10.1	72
2	Comparison of Current Interrupt Device and Vent Design for 18650 Format Lithium-ion Battery Caps. Journal of Energy Storage, 2020, 32, 101890.	8.1	37
3	Effect of electrode crosstalk on heat release in lithium-ion batteries under thermal abuse scenarios. Energy Storage Materials, 2022, 44, 326-341.	18.0	32
4	An iterative analytical model for aging analysis of Li-ion cells. Journal of Power Sources, 2022, 517, 230667.	7.8	9
5	Accelerating the numerical solution of thermal runaway in Li-ion batteries. Journal of Power Sources, 2022, 538, 231531.	7.8	8
6	Conjugate heat and mass transfer model for predicting thin-layer drying uniformity in a compact, crossflow dehydrator. Drying Technology, 2020, 38, 775-792.	3.1	4
7	Simplified Pouch Cell Method for 3-Electrode Re-Testing of Harvested Double-Sided Electrodes From Commercial Lithium-Ion Batteries. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	2
8	Development and Evaluation of an Infrared Heating System for Die Preheating. , 2020, , .		1
9	Rapid Die Preheating Using a High-Power Infrared Lamp Array. Applied Thermal Engineering, 2021, 202, 117721.	6.0	0
10	Determining the Composition of Carbonate Solvent Systems Used in Lithium-Ion Batteries without Salt Removal. Energies, 2022, 15, 2805.	3.1	0