Yuliya Preger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1704905/publications.pdf

Version: 2024-02-01

21	995	567281 15	713466 21
papers	citations	h-index	g-index

22	22	22	872
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Degradation of Commercial Lithium-Ion Cells as a Function of Chemistry and Cycling Conditions. Journal of the Electrochemical Society, 2020, 167, 120532.	2.9	221
2	Are solid-state batteries safer than lithium-ion batteries?. Joule, 2022, 6, 742-755.	24.0	141
3	Reviewâ€"â€œKneesâ€•in Lithium-Ion Battery Aging Trajectories. Journal of the Electrochemical Society, 2022, 169, 060517.	2.9	122
4	Process Development of CuI/ABNO/NMI-Catalyzed Aerobic Alcohol Oxidation. Organic Process Research and Development, 2015, 19, 1548-1553.	2.7	80
5	Multi-scale thermal stability study of commercial lithium-ion batteries as a function of cathode chemistry and state-of-charge. Journal of Power Sources, 2019, 435, 226777.	7.8	60
6	PTFE-Membrane Flow Reactor for Aerobic Oxidation Reactions and Its Application to Alcohol Oxidation. Organic Process Research and Development, 2015, 19, 858-864.	2.7	55
7	Fiber Optic Sensing Technologies for Battery Management Systems and Energy Storage Applications. Sensors, 2021, 21, 1397.	3.8	45
8	Platinum-Based Heterogeneous Catalysts for Nitrile Synthesis via Aerobic Oxidative Coupling of Alcohols and Ammonia. ACS Omega, 2018, 3, 6091-6096.	3.5	42
9	Comparison of Quinoneâ€Based Catholytes for Aqueous Redox Flow Batteries and Demonstration of Longâ€Term Stability with Tetrasubstituted Quinones. Advanced Energy Materials, 2020, 10, 2000340.	19.5	42
10	Quinone-Mediated Electrochemical O2 Reduction Accessing High Power Density with an Off-Electrode Co-N/C Catalyst. Joule, 2018, 2, 2722-2731.	24.0	38
11	Mechanistic Insights into Aerobic Oxidative Methyl Esterification of Primary Alcohols with Heterogeneous PdBiTe Catalysts. ACS Catalysis, 2018, 8, 1038-1047.	11.2	24
12	Perspectiveâ€"On the Need for Reliability and Safety Studies of Grid-Scale Aqueous Batteries. Journal of the Electrochemical Society, 2020, 167, 090545.	2.9	22
13	ENPOLITE: Comparing Lithium-Ion Cells across Energy, Power, Lifetime, and Temperature. ACS Energy Letters, 2021, 6, 2351-2355.	17.4	21
14	Investigating the Role of Energy Density in Thermal Runaway of Lithium-Ion Batteries with Accelerating Rate Calorimetry. Journal of the Electrochemical Society, 2021, 168, 060516.	2.9	19
15	Perspectiveâ€"From Calorimetry Measurements to Furthering Mechanistic Understanding and Control of Thermal Abuse in Lithium-Ion Cells. Journal of the Electrochemical Society, 2019, 166, A2498-A2502.	2.9	15
16	Predictive-Maintenance Practices: For Operational Safety of Battery Energy Storage Systems. IEEE Power and Energy Magazine, 2020, 18, 86-97.	1.6	15
17	Anthraquinone-Mediated Fuel Cell Anode with an Off-Electrode Heterogeneous Catalyst Accessing High Power Density When Paired with a Mediated Cathode. ACS Energy Letters, 2020, 5, 1407-1412.	17.4	15
18	Perspectiveâ€"On the Safety of Aged Lithium-Ion Batteries. Journal of the Electrochemical Society, 2022, 169, 030507.	2.9	10

#	Article	IF	Citations
19	A Tanks-in-Series Approach to Estimate Parameters for Lithium-Ion Battery Models. Journal of the Electrochemical Society, 2022, 169, 050525.	2.9	4
20	Ensemble Learning, Prediction and Li-Ion Cell Charging Cycle Divergence. IEEE Open Access Journal of Power and Energy, 2021, 8, 303-315.	3.4	3
21	Grid-Scale Energy Storage Systems: Ensuring safety. IEEE Electrification Magazine, 2021, 9, 19-28.	1.8	1