Jozwiuk, Smith

List of Publications by Year
in descending order

16 papers	557 citations	1040056 9 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	1153 citing authors

#	Article	IF	Citations
1	Methodsâ€”Spatially Resolved Diffraction Study of the Uniformity of a Li-Ion Pouch Cell. Journal of the Electrochemical Society, 2022, 169, 030518.	2.9	2
2	Calibration of Fiber Bragg Grating - Sensors for Subsequent Temperature and Pressure Measurements in Li-Ion Pouch Cells. ECS Meeting Abstracts, 2022, MA2022-01, 2152-2152.	0.0	0
3	Quantifying Absolute Amounts of Electrolyte Components in Lithium-Ion Cells Using HPLC. ECS Meeting Abstracts, 2022, MA2022-01, 313-313.	0.0	0
4	Investigating the dominant decomposition mechanisms in lithium-ion battery cells responsible for capacity loss in different stages of electrochemical aging. Journal of Power Sources, 2022, 543, 231842.	7.8	8
5	Quantifying Absolute Amounts of Electrolyte Components in Lithium-Ion Cells Using HPLC. Journal of the Electrochemical Society, 2021, 168, 080504.	2.9	7
6	Influence of Efficiency, Aging and Charging Strategy on the Economic Viability and Dimensioning of Photovoltaic Home Storage Systems. Energies, 2021, 14, 7673.	3.1	6
7	Investigation of the Mechanical Behavior of Electrodes after Calendering and Its Influence on Singulation and Cell Performance. Processes, 2021, 9, 2009.	2.8	14
8	Power capability and cyclic aging of commercial, high power lithium ion battery cells with respect to different cell designs. Journal of Power Sources, 2019, 425, 27-38.	7.8	46
9	The critical role of lithium nitrate in the gas evolution of lithiumâ€“sulfur batteries. Energy and Environmental Science, 2016, 9, 2603-2608.	30.8	202
10	Online Continuous Flow Differential Electrochemical Mass Spectrometry with a Realistic Battery Setup for High-Precision, Long-Term Cycling Tests. Analytical Chemistry, 2015, 87, 5878-5883.	6.5	89
11	Fair performance comparison of different carbon blacks in lithiumâ€“sulfur batteries with practical mass loadings â€“ Simple design competes with complex cathode architecture. Journal of Power Sources, 2015, 296, 454-461.	7.8	69
12	Simultaneous acquisition of differential electrochemical mass spectrometry and infrared spectroscopy data for in situ characterization of gas evolution reactions in lithium-ion batteries. Electrochemistry Communications, 2015, 60, 64-69.	4.7	56
13	Redox and acidâ€“base properties of asymmetric non-heme (hydr)oxo-bridged diiron complexes. Dalton Transactions, 2014, 43, 9740-9753.	3.3	14
14	Copper(II) complexes of symmetric and asymmetric bis(imine) ligands: Tuning the Cu(I)/Cu(II) redox couple. Inorganica Chimica Acta, 2013, 394, 415-422.	2.4	8
15	Copper Complexes of â€œSuperpodalâ€•Amine Ligands and Reactivity Studies towards Dioxygen. European Journal of Inorganic Chemistry, 2012, 2012, 3000-3013.	2.0	10
16	Synthesis and Characterization of Polynuclear Copper(II) Complexes with Pyridylbis(phenol) Ligands. Inorganic Chemistry, 2009, 48, 4083-4088.	4.0	26