

# Jozwiuk, Smith

## List of Publications by Year in descending order

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