

Stephen L Glazier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8598952/publications.pdf>

Version: 2024-02-01

14
papers

1,014
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Isothermal Calorimetry Evaluation of Metallurgical Silicon as a Negative Electrode Material for Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 030504.	2.9	11
2	Effects of Graphite Heat-Treatment Temperature on Single-Crystal Li[Ni _{0.5} Mn _{0.3} Co _{0.2}]O ₂ /Graphite Pouch Cells. <i>Journal of the Electrochemical Society</i> , 2020, 167, 080543.	2.9	16
3	Accelerated Failure in Li[Ni _{0.5} Mn _{0.3} Co _{0.2}]O ₂ /Graphite Pouch Cells Due to Low LiPF ₆ Concentration and Extended Time at High Voltage. <i>Journal of the Electrochemical Society</i> , 2020, 167, 130541.	2.9	10
4	Probing the thermal effects of voltage hysteresis in anionic redox-based lithium-rich cathodes using isothermal calorimetry. <i>Nature Energy</i> , 2019, 4, 647-656.	39.5	126
5	A Wide Range of Testing Results on an Excellent Lithium-Ion Cell Chemistry to be used as Benchmarks for New Battery Technologies. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3031-A3044.	2.9	286
6	Development of Electrolytes for Single Crystal NMC532/Artificial Graphite Cells with Long Lifetime. <i>Journal of the Electrochemical Society</i> , 2018, 165, A626-A635.	2.9	65
7	Methyl Acetate as a Co-Solvent in NMC532/Graphite Cells. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1027-A1037.	2.9	33
8	Use of Asymmetric Average Charge- and Average Discharge- Voltages as an Indicator of the Onset of Unwanted Lithium Deposition in Lithium-Ion Cells. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3595-A3601.	2.9	53
9	Determining Parasitic Reaction Enthalpies in Lithium-Ion Cells Using Isothermal Microcalorimetry. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3449-A3458.	2.9	16
10	Effect of Choices of Positive Electrode Material, Electrolyte, Upper Cut-Off Voltage and Testing Temperature on the Life Time of Lithium-Ion Cells. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3195-A3204.	2.9	17
11	Comparison of Single Crystal and Polycrystalline LiNi _{0.5} Mn _{0.3} Co _{0.2} O ₂ Positive Electrode Materials for High Voltage Li-Ion Cells. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1534-A1544.	2.9	280
12	Isothermal microcalorimetry as a tool to study solid-electrolyte interphase formation in lithium-ion cells. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11383-11390.	2.8	17
13	A systematic study of some promising electrolyte additives in Li[Ni _{1/3} Mn _{1/3} Co _{1/3}]O ₂ /graphite, Li[Ni _{0.5} Mn _{0.3} Co _{0.2}]/graphite and Li[Ni _{0.6} Mn _{0.2} Co _{0.2}]/graphite pouch cells. <i>Journal of Power Sources</i> , 2015, 299, 130-138.	7.8	31
14	Structural and Electrochemical Study of the Li-Mn-Ni Oxide System within the Layered Single Phase Region. <i>Chemistry of Materials</i> , 2014, 26, 7059-7066.	6.7	53