

Erik Björklund

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

312
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Cycle-Induced Interfacial Degradation and Transition-Metal Cross-Over in $\text{LiNi}_{0.8}\text{Mn}_{0.1}\text{Co}_{0.1}\text{O}_2$ Graphite Cells. Chemistry of Materials, 2022, 34, 2034-2048.	6.7	28
2	How the utilised SOC window in commercial Li-ion pouch cells influence battery ageing. Journal of Power Sources Advances, 2021, 8, 100054.	5.1	14
3	Sulfolane-Based Ethylene Carbonate-Free Electrolytes for $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ Li ₄ Ti ₅ O ₁₂ Batteries. Batteries and Supercaps, 2020, 3, 201-207.		
4	Sodium Bis(oxalato)borate in Trimethyl Phosphate: A Fire-Extinguishing, Fluorine-Free, and Low-Cost Electrolyte for Full-Cell Sodium-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 4974-4982.	5.1	34
5	Temperature Dependence of Electrochemical Degradation in $\text{LiNi}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$ /Li ₄ Ti ₅ O ₁₂ Cells. Energy Technology, 2019, 7, 1900310.	3.2	5
6	Investigation of Dimethyl Carbonate and Propylene Carbonate Mixtures for $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ Li ₄ Ti ₅ O ₁₂ Cells. ChemElectroChem, 2019, 6, 3429-3436.		
7	Depth-dependent oxygen redox activity in lithium-rich layered oxide cathodes. Journal of Materials Chemistry A, 2019, 7, 25355-25368.	10.3	62
8	Influence of state-of-charge in commercial $\text{LiNi}_{0.33}\text{Mn}_{0.33}\text{Co}_{0.33}\text{O}_2$ /LiMn ₂ O ₄ -graphite cells analyzed by synchrotron-based photoelectron spectroscopy. Journal of Energy Storage, 2018, 15, 172-180.	8.1	13
9	LiTfD: A Highly Efficient Additive for Electrolyte Stabilization in Lithium-Ion Batteries. Chemistry of Materials, 2017, 29, 2254-2263.	6.7	69
10	How the Negative Electrode Influences Interfacial and Electrochemical Properties of $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ Cathodes in Li-Ion Batteries. Journal of the Electrochemical Society, 2017, 164, A3054-A3059.	2.9	67