

Erik Björklund

List of Publications by Year in descending order

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10
papers

312
citations

1163117

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1372567

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docs citations

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times ranked

615
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | LiTfD: A Highly Efficient Additive for Electrolyte Stabilization in Lithium-Ion Batteries. Chemistry of Materials, 2017, 29, 2254-2263. | 6.7 | 69 |
| 2 | 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 |
| 3 | Depth-dependent oxygen redox activity in lithium-rich layered oxide cathodes. Journal of Materials Chemistry A, 2019, 7, 25355-25368. | 10.3 | 62 |
| 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 | 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 |
| 6 | 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 |
| 7 | Influence of state-of-charge in commercial $\text{LiNi}_{0.33}\text{Mn}_{0.33}\text{Co}_{0.33}\text{O}_2/\text{LiMn}_2\text{O}_4$ -graphite cells analyzed by synchrotron-based photoelectron spectroscopy. Journal of Energy Storage, 2018, 15, 172-180. | 8.1 | 13 |
| 8 | Sulfolane-Based Ethylene Carbonate-Free Electrolytes for $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Batteries. Batteries and Supercaps, 2020, 3, 201-207. | 7.12 | 12 |
| 9 | Investigation of Dimethyl Carbonate and Propylene Carbonate Mixtures for $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Cells. ChemElectroChem, 2019, 6, 3429-3436. | 4.12 | 12 |
| 10 | Temperature Dependence of Electrochemical Degradation in $\text{LiNi}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2/\text{Li}_4\text{Ti}_5\text{O}_{12}$ Cells. Energy Technology, 2019, 7, 1900310. | 3.12 | 5 |