

Tanja ZÃ¼nd

List of Publications by Year in descending order

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11
papers

373
citations

1163117

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771
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Pyrite (FeS ₂) nanocrystals as inexpensive high-performance lithium-ion cathode and sodium-ion anode materials. <i>Nanoscale</i> , 2015, 7, 9158-9163. | 5.6 | 167 |
| 2 | Nanocrystalline FeF ₃ and MF ₂ (M = Fe, Co, and Mn) from metal trifluoroacetates and their Li(Na)-ion storage properties. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7383-7393. | 10.3 | 59 |
| 3 | NaFeF ₃ Nanoplates as Low-Cost Sodium and Lithium Cathode Materials for Stationary Energy Storage. <i>Chemistry of Materials</i> , 2018, 30, 1825-1829. | 6.7 | 36 |
| 4 | Comparative Evaluation of LMR-NCM and NCA Cathode Active Materials in Multilayer Lithium-Ion Pouch Cells: Part I. Production, Electrode Characterization, and Formation. <i>Journal of the Electrochemical Society</i> , 2021, 168, 030507. | 2.9 | 35 |
| 5 | Ni-Al-Cr superalloy as high temperature cathode current collector for advanced thin film Li batteries. <i>RSC Advances</i> , 2018, 8, 20304-20313. | 3.6 | 18 |
| 6 | Comparative Evaluation of LMR-NCM and NCA Cathode Active Materials in Multilayer Lithium-Ion Pouch Cells: Part II. Rate Capability, Long-Term Stability, and Thermal Behavior. <i>Journal of the Electrochemical Society</i> , 2021, 168, 020537. | 2.9 | 18 |
| 7 | Air-Stable, Near-Infrared Emitting Solids of PbTe/CdTe Core-Shell Colloidal quantum dots. <i>ChemPhysChem</i> , 2016, 17, 670-674. | 2.1 | 15 |
| 8 | Chromium nitride as a stable cathode current collector for all-solid-state thin film Li-ion batteries. <i>RSC Advances</i> , 2017, 7, 26960-26967. | 3.6 | 11 |
| 9 | Implications of the Heat Generation of LMR-NCM on the Thermal Behavior of Large-Format Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 053505. | 2.9 | 6 |
| 10 | Classification of Heat Evolution Terms in Li-Ion Batteries Regarding the OCV Hysteresis in a Li- and Mn-Rich NCM Cathode Material in Comparison to NCA. <i>Journal of the Electrochemical Society</i> , 2022, 169, 040547. | 2.9 | 5 |
| 11 | Correlating the Voltage Hysteresis in Li- and Mn-Rich Layered Oxides to Reversible Structural Changes by Using X-ray and Neutron Powder Diffraction. <i>Journal of the Electrochemical Society</i> , 2022, 169, 020554. | 2.9 | 3 |