

# Tanja ZÃ¼nd

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

373  
citations

1163117

8  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

771  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
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	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
6	NaFeF <sub>3</sub> 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
7	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
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	Nanocrystalline FeF <sub>3</sub> and MF <sub>2</sub> (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
10	Air-Stable, Near-Infrared Emitting Solids of PbTe/CdTe Core-Shell Colloidal quantum dots. <i>ChemPhysChem</i> , 2016, 17, 670-674.	2.1	15
11	Pyrite (FeS <sub>2</sub> ) nanocrystals as inexpensive high-performance lithium-ion cathode and sodium-ion anode materials. <i>Nanoscale</i> , 2015, 7, 9158-9163.	5.6	167