

Florian J GÃ¼nter

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

403
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the Electrolyte Quantity on Lithium-Ion Cells. Journal of the Electrochemical Society, 2019, 166, A1709-A1714.	2.9	75
2	Introduction to Electrochemical Impedance Spectroscopy as a Measurement Method for the Wetting Degree of Lithium-Ion Cells. Journal of the Electrochemical Society, 2018, 165, A3249-A3256.	2.9	69
3	Rapid electrolyte wetting of lithium-ion batteries containing laser structured electrodes: in situ visualization by neutron radiography. International Journal of Advanced Manufacturing Technology, 2019, 102, 2769-2778.	3.0	59
4	Comparative Evaluation of LMR-NCM and NCA Cathode Active Materials in Multilayer Lithium-Ion Pouch Cells: Part I. Production, Electrode Characterization, and Formation. Journal of the Electrochemical Society, 2021, 168, 030507.	2.9	35
5	Laser welding of current collector foil stacks in battery production – mechanical properties of joints welded with a green high-power disk laser. International Journal of Advanced Manufacturing Technology, 2022, 118, 2571-2586.	3.0	32
6	Influence of the Cell Format on the Electrolyte Filling Process of Lithium-Ion Cells. Energy Technology, 2020, 8, 1801108.	3.8	27
7	Early Quality Classification and Prediction of Battery Cycle Life in Production Using Machine Learning. Journal of Energy Storage, 2022, 50, 104144.	8.1	27
8	State of the Art of Lithium-Ion Pouch Cells in Automotive Applications: Cell Teardown and Characterization. Journal of the Electrochemical Society, 2022, 169, 030515.	2.9	26
9	Influence of pressure and temperature on the electrolyte filling of lithium-ion cells: Experiment, model and method. Journal of Power Sources, 2022, 517, 230668.	7.8	20
10	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. Journal of the Electrochemical Society, 2021, 168, 020537.	2.9	18
11	Introducing Inline Process and Product Analysis for the Lean Cell Finalization in Lithium-Ion Battery Production. Procedia CIRP, 2021, 104, 1052-1058.	1.9	6
12	DEM Simulations of the Calendering Process: Parameterization of the Electrode Material of Lithium-Ion Batteries. Procedia CIRP, 2021, 104, 91-97.	1.9	6
13	Wetting and Inductivity in the Impedance Behavior of Large Lithium-Ion Cells. Journal of the Electrochemical Society, 2022, 169, 050522.	2.9	3