Lukas Ibing

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6379445/publications.pdf

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12	329	1040018 9	1281846 11
papers	citations	h-index	g-index

12	12	12	574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of the pH value in water-based pastes on the processing and performance of Ni-rich LiNi0.5Mn0.3Co0.2O2 based positive electrodes. Journal of Power Sources, 2020, 475, 228608.	7.8	14
2	Development of a lithium ion cell enabling in situ analyses of the electrolyte using gas chromatographic techniques. Electrochimica Acta, 2020, 338, 135894.	5.2	10
3	Ethylene carbonate-free electrolytes for Li-ion battery: Study of the solid electrolyte interphases formed on graphite anodes. Journal of Power Sources, 2020, 451, 227804.	7.8	37
4	Butyronitrile-Based Electrolytes for Fast Charging of Lithium-Ion Batteries. Energies, 2019, 12, 2869.	3.1	17
5	Fe(II) Hydride Complexes for the Homogeneous Dehydrocoupling of Hydrazine Borane: Catalytic Mechanism via DFT Calculations and Detailed Spectroscopic Characterization. Organometallics, 2019, 38, 2714-2723.	2.3	12
6	Towards water based ultra-thick Li ion battery electrodes â€“ A binder approach. Journal of Power Sources, 2019, 423, 183-191.	7.8	46
7	Grafted polyrotaxanes as highly conductive electrolytes for lithium metal batteries. Journal of Power Sources, 2019, 409, 148-158.	7.8	59
8	Possible carbon-carbon bond formation during decomposition? Characterization and identification of new decomposition products in lithium ion battery electrolytes by means of SPME-GC-MS. Electrochimica Acta, 2019, 295, 401-409.	5.2	19
9	Comparative study of Sn-doped Li[Ni0.6Mn0.2Co0.2-Sn]O2 cathode active materials (x = 0-0.5) for lithium ion batteries regarding electrochemical performance and structural stability. Journal of Power Sources, 2018, 397, 68-78.	7.8	41
10	Highly Effective Solid Electrolyte Interphase-Forming Electrolyte Additive Enabling High Voltage Lithium-Ion Batteries. Chemistry of Materials, 2017, 29, 7733-7739.	6.7	41
11	Ethyl Methyl Sulfone-Based Electrolytes for Lithium Ion Battery Applications. Energies, 2017, 10, 1312.	3.1	19
12	Acetonitrile-based electrolytes for lithium-ion battery application. Current Topics in Electrochemistry, 0, 20, 1.	1.0	14