

Moritz Kroll

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3427434/publications.pdf>

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7
papers

106
citations

1307594

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h-index

1720034

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docs citations

7
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthogonally superimposed laser-induced periodic surface structures (LIPSS) upon nanosecond laser pulse irradiation of SiO ₂ /Si layered systems. Applied Surface Science, 2017, 425, 682-688.	6.1	33
2	Three-Phase Reconstruction Reveals How the Microscopic Structure of the Carbon-Binder Domain Affects Ion Transport in Lithium-Ion Batteries. Batteries and Supercaps, 2021, 4, 1363-1373.	4.7	19
3	Sheet-type all-solid-state batteries with sulfidic electrolytes: Analysis of kinetic limitations based on a cathode morphology study. Journal of Power Sources, 2021, 505, 230064.	7.8	15
4	Reconstruction-Simulation Approach Verifies Impedance-Derived Ion Transport Tortuosity of a Graphite Battery Electrode. Journal of the Electrochemical Society, 2018, 165, A3156-A3163.	2.9	14
5	Thickness-Dependent Impedance of Composite Battery Electrodes Containing Ionic Liquid-Based Electrolytes. Batteries and Supercaps, 2020, 3, 611-618.	4.7	9
6	Nanoscaled Fractal Superstructures via Laser Patterning-A Versatile Route to Metallic Hierarchical Porous Materials. Advanced Materials Interfaces, 2021, 8, 2000253.	3.7	8
7	What Limits the Rate Capability of Ultrathick Composite Electrodes in Lithium-Ion Batteries? A Case Study on the Thickness-Dependent Impedance of LiCoO ₂ Cathodes. Batteries and Supercaps, 2022, 5, .	4.7	8