

Aleksei Kolesnikov

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

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1684188

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9
docs citations

9
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Galvanic Corrosion of Lithium-Powder-Based Electrodes. <i>Advanced Energy Materials</i> , 2020, 10, 2000017.	19.5	62
2	Mechanistic Insights into the Pre-Lithiation of Silicon/Graphite Negative Electrodes in "Dry State" and After Electrolyte Addition Using Passivated Lithium Metal Powder. <i>Advanced Energy Materials</i> , 2021, 11, 2100925.	19.5	46
3	Sputter coating of lithium metal electrodes with lithiophilic metals for homogeneous and reversible lithium electrodeposition and electrodisolution. <i>Materials Today</i> , 2020, 39, 137-145.	14.2	32
4	Galvanic Couples in Ionic Liquid-Based Electrolyte Systems for Lithium Metal Batteries—An Overlooked Cause of Galvanic Corrosion?. <i>Advanced Energy Materials</i> , 2021, 11, 2101021.	19.5	22
5	Lithium-Powder Based Electrodes Modified with Zn ₂ for Enhanced Electrochemical Performance of Lithium-Metal Batteries. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1400-A1407.	2.9	14
6	Lithium Powder Synthesis and Preparation of Powder-Based Composite Electrodes for Application in Lithium Metal Batteries. <i>Energy Technology</i> , 2022, 10, 2100871.	3.8	2
7	Cementation Reaction of Lithium Powder Electrodes for Improving the Electrochemical Performances of Lithium-Metal Batteries. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
8	(Europe Section Alessandro Volta Medal Award) Electrolytes and Metallic Anodes: About an Old Argument That Marks the Fundamental Understanding of Modern Metal Anodes in Advanced Battery Systems. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 671-671.	0.0	0