

High-nickel layered oxide cathodes for lithium-based anodes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	On the Sensitivity of the Ni-rich Layered Cathode Materials for Li-ion Batteries to the Different Calcination Conditions. <i>Nanomaterials</i> , 2020, 10, 2018.	1.9	33
2	Effect of micro-patterning on electrochemical performances of Ni-rich $\text{LiNi}_{0.91}\text{Co}_{0.06}\text{Mn}_{0.03}\text{O}_2$ cathode for superior of LIBs. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33871-33875.	3.8	1
3	High-Energy, Single-Ion-Mediated Nonaqueous Zinc-TEMPO Redox Flow Battery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48654-48661.	4.0	13
4	Optimizing Redox Reactions in Aprotic Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2002180.	10.2	112
5	From LiNiO_2 to Li_2NiO_3 : Synthesis, Structures and Electrochemical Mechanisms in Li-Rich Nickel Oxides. <i>Chemistry of Materials</i> , 2020, 32, 9211-9227.	3.2	28
6	Lithium-conductive LiNbO_3 coated high-voltage $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ cathode with enhanced rate and cyclability. <i>Green Energy and Environment</i> , 2022, 7, 266-274.	4.7	41
7	Towards more environmentally and socially responsible batteries. <i>Energy and Environmental Science</i> , 2020, 13, 4087-4097.	15.6	74
8	Industrialization of Layered Oxide Cathodes for Lithium-Ion and Sodium-Ion Batteries: A Comparative Perspective. <i>Energy Technology</i> , 2020, 8, 2000723.	1.8	36
9	A Review of the Design of Advanced Binders for High-Performance Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2002508.	10.2	202
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11	Controlling Residual Lithium in High-Nickel (>90%) Lithium Layered Oxides for Cathodes in Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2020, 132, 18821-18828.	1.6	2
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14	An Effective Way to Stabilize Ni-Rich Layered Cathodes. <i>CheM</i> , 2020, 6, 3165-3167.	5.8	8
15	Enhancing nanostructured nickel-rich lithium-ion battery cathodes via surface stabilization. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, 063210.	0.9	8
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35	Engineering a Hierarchical Microtubular NiCo_2O_4 Architecture for Electrochemical Energy Storage Applications. <i>International Journal of Electrochemical Science</i> , 2020, 15, 8086-8095.	0.5	2
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