

Hugo Celio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9713229/publications.pdf>

Version: 2024-02-01

12
papers

1,284
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1914
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic behaviour of interphases and its implication on high-energy-density cathode materials in lithium-ion batteries. <i>Nature Communications</i> , 2017, 8, 14589.	12.8	306
2	Mn versus Al in Layered Oxide Cathodes in Lithium-ion Batteries: A Comprehensive Evaluation on Long-term Cyclability. <i>Advanced Energy Materials</i> , 2018, 8, 1703154.	19.5	260
3	Modified High-Nickel Cathodes with Stable Surface Chemistry Against Ambient Air for Lithium-ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6480-6485.	13.8	234
4	Eldfellite, NaFe(SO ₄) ₂ : an intercalation cathode host for low-cost Na-ion batteries. <i>Energy and Environmental Science</i> , 2015, 8, 3000-3005.	30.8	174
5	Enhanced electrochemical performances of Li-rich layered oxides by surface modification with reduced graphene oxide/AlPO ₄ hybrid coating. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8696.	10.3	95
6	In-Depth Analysis of the Degradation Mechanisms of High-Nickel, Low/No-Cobalt Layered Oxide Cathodes for Lithium-ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2100858.	19.5	79
7	Multifunctional Separator Allows Stable Cycling of Potassium Metal Anodes and of Potassium Metal Batteries. <i>Advanced Materials</i> , 2022, 34, e2105855.	21.0	45
8	A Sodium-Antimony-Telluride Intermetallic Allows Sodium-Metal Cycling at 100% Depth of Discharge and as an Anode-Free Metal Battery. <i>Advanced Materials</i> , 2022, 34, e2106005.	21.0	40
9	Modified High-Nickel Cathodes with Stable Surface Chemistry Against Ambient Air for Lithium-ion Batteries. <i>Angewandte Chemie</i> , 2018, 130, 6590-6595.	2.0	38
10	Surface Stabilization with Fluorine of Layered Ultrahigh-Nickel Oxide Cathodes for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2022, 34, 4514-4522.	6.7	9
11	Polystyrene-supported neutral lithium receptor for the recovery of high-purity LiPF ₆ from simulated degraded electrolyte. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14788-14794.	10.3	2
12	Multifunctional Separator Allows Stable Cycling of Potassium Metal Anodes and of Potassium Metal Batteries (<i>Adv. Mater.</i> 7/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	1