

Hugo Celio

List of Publications by Year in descending order

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12
papers

1,284
citations

1040056

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1125743

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1914
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#	ARTICLE	IF	CITATIONS
1	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
2	Multifunctional Separator Allows Stable Cycling of Potassium Metal Anodes and of Potassium Metal Batteries. <i>Advanced Materials</i> , 2022, 34, e2105855.	21.0	45
3	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
4	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
5	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
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	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
8	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
9	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
10	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
11	Eldfellite, $\text{NaFe}(\text{SO}_4)_2$: an intercalation cathode host for low-cost Na-ion batteries. <i>Energy and Environmental Science</i> , 2015, 8, 3000-3005.	30.8	174
12	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