

Luke Schkeryantz

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

223
citations

1478505
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1588992
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all docs

9
docs citations

9
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Anchoring an Artificial Protective Layer To Stabilize Potassium Metal Anode in Rechargeable K ⁺ Batteries. ACS Applied Materials & Interfaces, 2019, 11, 16571-16577.	8.0	57
2	Superoxide-Based K ⁺ Batteries: Highly Reversible Oxygen Redox Solves Challenges in Air Electrodes. Journal of the American Chemical Society, 2020, 142, 11629-11640.	13.7	49
3	A dehydrobenzoannulene-based two-dimensional covalent organic framework as an anode material for lithium-ion batteries. Molecular Systems Design and Engineering, 2020, 5, 97-101.	3.4	37
4	Alkynyl-Based Covalent Organic Frameworks as High-Performance Anode Materials for Potassium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 41628-41636.	8.0	37
5	Designing Potassium Battery Salts through a Solvent-in-Anion Concept for Concentrated Electrolytes and Mimicking Solvation Structures. Chemistry of Materials, 2020, 32, 10423-10434.	6.7	16
6	Single Potassium-Ion Conducting Polymer Electrolytes: Preparation, Ionic Conductivities, and Electrochemical Stability. ACS Applied Energy Materials, 2021, 4, 4156-4164.	5.1	14
7	K ⁺ Single Cation Ionic Liquids Electrolytes with Low Melting Asymmetric Salt. Journal of Physical Chemistry C, 2022, 126, 11407-11413.	3.1	8
8	Unusual Melting Trend in an Alkali Asymmetric Sulfonamide Salt Series: Single-Crystal Analysis and Modeling. Inorganic Chemistry, 2021, 60, 14679-14686.	4.0	5
9	Photoelectrochemical H ₂ O ₂ Production from Oxygen Reduction. ACS Symposium Series, 2020, , 93-109.	0.5	0