Se Young Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2006823/publications.pdf

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13	813	933447	1199594
papers	citations	10 h-index	12 g-index

13	13	13	965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High areal capacity, long cycle life 4â€‰V ceramic all-solid-state Li-ion batteries enabled by chloride solid electrolytes. Nature Energy, 2022, 7, 83-93.	39.5	249
2	The Role of Metal Substitution in Tuning Anion Redox in Sodium Metal Layered Oxides Revealed by Xâ€Ray Spectroscopy and Theory. Angewandte Chemie, 2021, 133, 10975-10982.	2.0	10
3	The Role of Metal Substitution in Tuning Anion Redox in Sodium Metal Layered Oxides Revealed by Xâ€Ray Spectroscopy and Theory. Angewandte Chemie - International Edition, 2021, 60, 10880-10887.	13.8	32
4	Coulombically-stabilized oxygen hole polarons enable fully reversible oxygen redox. Energy and Environmental Science, 2021, 14, 4858-4867.	30.8	29
5	Lithium Ytterbium-Based Halide Solid Electrolytes for High Voltage All-Solid-State Batteries. , 2021, 3, 930-938.		80
6	Inhibiting Oxygen Release from Liâ€rich, Mnâ€rich Layered Oxides at the Surface with a Solution Processable Oxygen Scavenger Polymer. Advanced Energy Materials, 2021, 11, 2100552.	19.5	64
7	Li7La3Zr2O12 Garnet Solid Polymer Electrolyte for Highly Stable All-Solid-State Batteries. Frontiers in Chemistry, 2020, 8, 619832.	3.6	18
8	A 4 V Na⁺ Intercalation Material in a New Naâ€Ion Cathode Family. Advanced Energy Materials, 2018, 8, 1701729.	19.5	18
9	Electronic structural studies on the improved thermal stability of Li(Ni0.8Co0.15Al0.05)O2 by ZrO2 coating for lithium ion batteries. Journal of Applied Electrochemistry, 2017, 47, 565-572.	2.9	9
10	Structural Evolution and Redox Processes Involved in the Electrochemical Cycling of P2â€“Na_{0.67}[Mn_{0.66}Fe_{0.20}Cu_{0.14}]O₂. Chemistry of Materials, 2017, 29, 6684-6697.	6.7	112
11	Determination of the mechanism and extent of surface degradation in Ni-based cathode materials after repeated electrochemical cycling. APL Materials, 2016, 4, .	5.1	24
12	An open-framework iron fluoride and reduced graphene oxide nanocomposite as a high-capacity cathode material for Na-ion batteries. Journal of Materials Chemistry A, 2015, 3, 10258-10266.	10.3	65
13	Using Real-Time Electron Microscopy To Explore the Effects of Transition-Metal Composition on the Local Thermal Stability in Charged Li_xNi_yMn_zCo_{1â€“yâ€“z}O₂ Cathode Materials. Chemistry of Materials, 2015, 27, 3927-3935.	6.7	103