

Christian Baur

List of Publications by Year in descending order

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357
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcined chicken eggshell electrode for battery and supercapacitor applications. RSC Advances, 2019, 9, 26981-26995.	3.6	69
2	Phase evolution in calcium molybdate nanoparticles as a function of synthesis temperature and its electrochemical effect on energy storage. Nanoscale Advances, 2019, 1, 565-580.	4.6	49
3	Improved cycling stability in high-capacity Li-rich vanadium containing disordered rock salt oxyfluoride cathodes. Journal of Materials Chemistry A, 2019, 7, 21244-21253.	10.3	37
4	Degradation Mechanisms in $\text{Li}_2\text{VO}_2\text{F}$ Li-Rich Disordered Rock-Salt Cathodes. Chemistry of Materials, 2019, 31, 6084-6096.	6.7	31
5	Reversible Delithiation of Disordered Rock Salt LiVO_2 . ChemElectroChem, 2018, 5, 1484-1490.	3.4	24
6	Stabilization of Li-Rich Disordered Rocksalt Oxyfluoride Cathodes by Particle Surface Modification. ACS Applied Energy Materials, 2020, 3, 5937-5948.	5.1	19
7	Superoxide formation in $\text{Li}_2\text{VO}_2\text{F}$ cathode material – a combined computational and experimental investigation of anionic redox activity. Journal of Materials Chemistry A, 2020, 8, 16551-16559.	10.3	18
8	Insights into Structural Transformations in the Local Structure of $\text{Li}_2\text{VO}_2\text{F}$ Using <i>Operando</i> X-ray Diffraction and Total Scattering: Amorphization and Recrystallization. ACS Applied Materials & Interfaces, 2020, 12, 27010-27016.	8.0	15
9	From Trigonal to Cubic LiVO_2 : A High-Energy Phase Transition toward Disordered Rock Salt Materials. Journal of Physical Chemistry C, 2020, 124, 2229-2237.	3.1	14
10	Short-range ordering in the Li-rich disordered rock salt cathode material $\text{Li}_2\text{VO}_2\text{F}$ revealed by Raman spectroscopy. Journal of Raman Spectroscopy, 2020, 51, 2095-2101.	2.5	13
11	Influence of Electrolyte Additives on the Degradation of $\text{Li}_2\text{VO}_2\text{F}$ Li-Rich Cathodes. Journal of Physical Chemistry C, 2020, 124, 12956-12967.	3.1	8
12	Novel phenanthroline-diaryldiazadiene ligands with heteroditopic coordination spheres. Dalton Transactions, 2015, 44, 15404-15407.	3.3	4