

Johann Chable

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluoride solid electrolytes: investigation of the tysonite-type solid solutions $\text{La}_{1-x}\text{Ba}_x\text{F}_{3-x}$ ($x \leq 0.15$). Dalton Transactions, 2015, 44, 19625-19635.	3.3	51
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	MgSc_2Se_4 "A Magnesium Solid Ionic Conductor for All-Solid-State Mg Batteries". ChemSusChem, 2019, 12, 2286-2293.	6.8	49
4	Exploring the $\text{Sm}_{1-x}\text{Ca}_x\text{F}_{3-x}$ Tysonite Solid Solution as a Solid-State Electrolyte: Relationships between Structural Features and F^+ Ionic Conductivity. Journal of Physical Chemistry C, 2015, 119, 25170-25179.	3.1	44
5	The key role of the composition and structural features in fluoride ion conductivity in tysonite $\text{Ce}_{1-x}\text{Sr}_x\text{F}_{3-x}$ solid solutions. Dalton Transactions, 2017, 46, 3761-3769.	3.3	40
6	Synthesis of Fast Fluoride-Ion-Conductive Fluorite-Type $\text{Ba}_{1-x}\text{Sb}_x\text{F}_{2+x}$ ($0.1 \leq x \leq 0.4$): A Potential Solid Electrolyte for Fluoride-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 17249-17256.	8.0	37
7	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
8	Fluoride solid electrolytes: From microcrystalline to nanostructured tysonite-type $\text{La}_{0.95}\text{Ba}_{0.05}\text{F}_{2.95}$. Journal of Alloys and Compounds, 2017, 692, 980-988.	5.5	31
9	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
10	Reversible Delithiation of Disordered Rock Salt LiVO_2 . ChemElectroChem, 2018, 5, 1484-1490.	3.4	24
11	Stabilization of Li-Rich Disordered Rocksalt Oxyfluoride Cathodes by Particle Surface Modification. ACS Applied Energy Materials, 2020, 3, 5937-5948.	5.1	19
12	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
13	Stabilization by Si Substitution of the Pseudobinary Compound $\text{Gd}_2(\text{Co}_{3-x}\text{Si}_x)$ with Magnetocaloric Properties around Room Temperature. Inorganic Chemistry, 2014, 53, 6728-6736.	4.0	8