

Johann Chable

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	From Trigonal to Cubic LiVO_2 : A High-Energy Phase Transition toward Disordered Rock Salt Materials. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2229-2237.	3.1	14
2	Stabilization of Li-Rich Disordered Rocksalt Oxyfluoride Cathodes by Particle Surface Modification. <i>ACS Applied Energy Materials</i> , 2020, 3, 5937-5948.	5.1	19
3	Improved cycling stability in high-capacity Li-rich vanadium containing disordered rock salt oxyfluoride cathodes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21244-21253.	10.3	37
4	Phase evolution in calcium molybdate nanoparticles as a function of synthesis temperature and its electrochemical effect on energy storage. <i>Nanoscale Advances</i> , 2019, 1, 565-580.	4.6	49
5	Degradation Mechanisms in $\text{Li}_2\text{VO}_2\text{F}$ Li-Rich Disordered Rock-Salt Cathodes. <i>Chemistry of Materials</i> , 2019, 31, 6084-6096.	6.7	31
6	MgSc_2Se_4 – A Magnesium Solid Ionic Conductor for All-Solid-State Mg Batteries?. <i>ChemSusChem</i> , 2019, 12, 2286-2293.	6.8	49
7	Reversible Delithiation of Disordered Rock Salt LiVO_2 . <i>ChemElectroChem</i> , 2018, 5, 1484-1490.	3.4	24
8	Synthesis of Fast Fluoride-Ion-Conductive Fluorite-Type $\text{Ba}_x\text{Sb}_x\text{F}_{2+2x}$ (0.1 ≤ x ≤ 0.4): A Potential Solid Electrolyte for Fluoride-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17249-17256.	8.0	37
9	The key role of the composition and structural features in fluoride ion conductivity in tysonite $\text{Ce}_x\text{Sr}_x\text{F}_{3-x}$ solid solutions. <i>Dalton Transactions</i> , 2017, 46, 3761-3769.	3.3	40
10	Fluoride solid electrolytes: From microcrystalline to nanostructured tysonite-type $\text{La}_{0.95}\text{Ba}_{0.05}\text{F}_{2.95}$. <i>Journal of Alloys and Compounds</i> , 2017, 692, 980-988.	5.5	31
11	Fluoride solid electrolytes: investigation of the tysonite-type solid solutions $\text{La}_x\text{Ba}_x\text{F}_{3-x}$ (x < 0.15). <i>Dalton Transactions</i> , 2015, 44, 19625-19635.	3.3	51
12	Exploring the $\text{Sm}_x\text{Ca}_x\text{F}_3$ Tysonite Solid Solution as a Solid-State Electrolyte: Relationships between Structural Features and Fluoride Ion Conductivity. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25170-25179.	3.1	44
13	Stabilization by Si Substitution of the Pseudobinary Compound $\text{Gd}_2(\text{Co}_3\text{Si}_x)$ with Magnetocaloric Properties around Room Temperature. <i>Inorganic Chemistry</i> , 2014, 53, 6728-6736.	4.0	8