

Zhantao Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High Ionic Conductivity Achieved in $\text{Li}_3\text{Y}(\text{Br}_3\text{Cl}_3)$ Mixed Halide Solid Electrolyte via Promoted Diffusion Pathways and Enhanced Grain Boundary. ACS Energy Letters, 2021, 6, 298-304.	17.4	84
2	Mechanical behavior of inorganic lithium-conducting solid electrolytes. Journal of Power Sources, 2021, 516, 230672.	7.8	22
3	$\text{Li}_{15}\text{P}_4\text{S}_{16}\text{Cl}_3$, a Lithium Chlorothiophosphate as a Solid-State Ionic Conductor. Inorganic Chemistry, 2020, 59, 226-234.	4.0	9
4	Anion and cation co-doping of Na_4SnS_4 as sodium superionic conductors. Materials Today Physics, 2020, 15, 100281.	6.0	6
5	How Certain Are the Reported Ionic Conductivities of Thiophosphate-Based Solid Electrolytes? An Interlaboratory Study. ACS Energy Letters, 2020, 5, 910-915.	17.4	98
6	Computationally Guided Design of LiTaSiO_5 , a New Lithium Ionic Conductor with Sphene Structure. Advanced Energy Materials, 2019, 9, 1803821.	19.5	35
7	Facile and scalable electrodeposition of copper current collectors for high-performance Li-metal batteries. Nano Energy, 2019, 59, 500-507.	16.0	45
8	$\text{Na}_3\text{SbSe}_4 \cdot x\text{S}$ as Sodium Superionic Conductors. Scientific Reports, 2018, 8, 9146.	3.3	38
9	One-pot synthesis of carbon-coated nanosized $\text{LiTi}_2(\text{PO}_4)_3$ as anode materials for aqueous lithium ion batteries. Journal of Power Sources, 2015, 293, 562-569.	7.8	40
10	Total concentrations and chemical speciation of heavy metals in liquefaction residues of sewage sludge. Bioresource Technology, 2011, 102, 4104-4110.	9.6	227