

Zhantao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

604
citations

1163117

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1372567

10
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11
all docs

11
docs citations

11
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Total concentrations and chemical speciation of heavy metals in liquefaction residues of sewage sludge. <i>Bioresource Technology</i> , 2011, 102, 4104-4110.	9.6	227
2	How Certain Are the Reported Ionic Conductivities of Thiophosphate-Based Solid Electrolytes? An Interlaboratory Study. <i>ACS Energy Letters</i> , 2020, 5, 910-915.	17.4	98
3	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. <i>ACS Energy Letters</i> , 2021, 6, 298-304.	17.4	84
4	Facile and scalable electrodeposition of copper current collectors for high-performance Li-metal batteries. <i>Nano Energy</i> , 2019, 59, 500-507.	16.0	45
5	One-pot synthesis of carbon-coated nanosized $\text{LiTi}_2(\text{PO}_4)_3$ as anode materials for aqueous lithium ion batteries. <i>Journal of Power Sources</i> , 2015, 293, 562-569.	7.8	40
6	Na_3SbSe_4 as Sodium Superionic Conductors. <i>Scientific Reports</i> , 2018, 8, 9146.	3.3	38
7	Computation-Guided Design of LiTaSiO_5 , a New Lithium Ionic Conductor with Sphene Structure. <i>Advanced Energy Materials</i> , 2019, 9, 1803821.	19.5	35
8	Mechanical behavior of inorganic lithium-conducting solid electrolytes. <i>Journal of Power Sources</i> , 2021, 516, 230672.	7.8	22
9	$\text{Li}_{15}\text{P}_4\text{S}_{16}\text{Cl}_3$, a Lithium Chlorothiophosphate as a Solid-State Ionic Conductor. <i>Inorganic Chemistry</i> , 2020, 59, 226-234.	4.0	9
10	Anion and cation co-doping of Na_4SnS_4 as sodium superionic conductors. <i>Materials Today Physics</i> , 2020, 15, 100281.	6.0	6