

Yundong Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

394
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	2020 roadmap on solid-state batteries. <i>JPhys Energy</i> , 2020, 2, 032008.	5.3	74
2	Observation of Interfacial Degradation of Li ₆ PS ₅ Cl against Lithium Metal and LiCoO ₂ via <i>In Situ</i> Electrochemical Raman Microscopy. <i>Batteries and Supercaps</i> , 2020, 3, 647-652.	4.7	63
3	N-ethyl-N-methylpyrrolidinium bis(fluorosulfonyl)imide-electrospun polyvinylidene fluoride composite electrolytes: characterization and lithium cell studies. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2225-2234.	2.8	61
4	Solid-State Lithium Conductors for Lithium Metal Batteries Based on Electrospun Nanofiber/Plastic Crystal Composites. <i>ChemSusChem</i> , 2017, 10, 3135-3145.	6.8	58
5	Organic Ionic Plastic Crystal-Based Composite Electrolyte with Surface Enhanced Ion Transport and Its Use in All-Solid-State Lithium Batteries. <i>Advanced Materials Technologies</i> , 2017, 2, 1700046.	5.8	49
6	Ternary lithium-salt organic ionic plastic crystal polymer composite electrolytes for high voltage, all-solid-state batteries. <i>Energy Storage Materials</i> , 2018, 15, 407-414.	18.0	45
7	Structure and Ion Dynamics in Imidazolium-Based Protic Organic Ionic Plastic Crystals. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3904-3909.	4.6	20
8	Influence of Electrospun Poly(vinylidene difluoride) Nanofiber Matrix on the Ion Dynamics of a Protic Organic Ionic Plastic Crystal. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14546-14553.	3.1	10
9	The influence of anion chemistry on the ionic conductivity and molecular dynamics in protic organic ionic plastic crystals. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4579-4586.	2.8	7
10	Phase behavior and electrochemical properties of solid lithium electrolytes based on N-ethyl-N-methylpyrrolidinium bis(fluorosulfonyl)imide and PVdF composites. <i>Solid State Ionics</i> , 2021, 363, 115588.	2.7	7