

Mingzhe Xue

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

449
citations

840585

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h-index

839398

18
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19
all docs

19
docs citations

19
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase evolution, structure, and electrochemical performance of Al-, Ga- and Ta- substituted Li ₇ La ₃ Zr ₂ O ₁₂ ceramic electrolytes by a modified wet chemical route. <i>Ceramics International</i> , 2022, 48, 31315-31325.	2.3	1
2	TiO ₂ microbox/carbon nanotube composite-modified separator for high-performance lithium-sulfur batteries. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 949-961.	1.2	5
3	Improved Li _{6.5} La ₃ Zr _{1.5} Nb _{0.5} O ₁₂ electrolyte and effects of atmosphere exposure on conductivities. <i>Journal of Power Sources</i> , 2021, 497, 229845.	4.0	16
4	A novel hierarchical porous carbon derived from durian shell as enhanced sulfur carrier for high performance Li-S batteries. <i>Journal of Electroanalytical Chemistry</i> , 2021, 893, 115306.	1.9	15
5	Modified Li ₇ La ₃ Zr ₂ O ₁₂ (LLZO) and LLZO-polymer composites for solid-state lithium batteries. <i>Energy Storage Materials</i> , 2021, 39, 108-129.	9.5	81
6	Enhanced Al/Ta co-doped Li ₇ La ₃ Zr ₂ O ₁₂ ceramic electrolytes with the reduced Ta doping level for solid-state lithium batteries. <i>Journal of Materials Science</i> , 2021, 56, 19614-19622.	1.7	10
7	Effects of alkaline earth metal elements and their synergistic roles with Ta for Li ₇ La ₃ Zr ₂ O ₁₂ . <i>Materials Research Express</i> , 2020, 7, 125201.	0.8	5
8	A novel Li ₃ P-VP nanocomposite fabricated by pulsed laser deposition as anode material for high-capacity lithium ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019, 841, 21-25.	1.9	6
9	Oxygen-deficient Ti _{0.9} Nb _{0.1} O ₂ as an Efficient Anodic Catalyst Support for PEM Water Electrolyzer. <i>ChemCatChem</i> , 2019, 11, 2511-2519.	1.8	19
10	Optimized synthesis of banana peel derived porous carbon and its application in lithium sulfur batteries. <i>Materials Research Bulletin</i> , 2019, 112, 269-280.	2.7	33
11	TiO ₂ microboxes as effective polysulfide reservoirs for lithium sulfur batteries. <i>Electrochimica Acta</i> , 2019, 296, 39-48.	2.6	26
12	Synthesis of Ta and Ca doped Li ₇ La ₃ Zr ₂ O ₁₂ solid-state electrolyte via simple solution method and its application in suppressing shuttle effect of Li-S battery. <i>Journal of Alloys and Compounds</i> , 2018, 744, 386-394.	2.8	57
13	Mangosteen peel-derived porous carbon: synthesis and its application in the sulfur cathode for lithium sulfur battery. <i>Journal of Materials Science</i> , 2018, 53, 11062-11077.	1.7	51
14	Improved room temperature ionic conductivity of Ta and Ca doped Li ₇ La ₃ Zr ₂ O ₁₂ via a modified solution method. <i>Solid State Ionics</i> , 2018, 314, 92-97.	1.3	50
15	Lithium phosphorous oxynitride (LiPON) coated NiFe ₂ O ₄ anode material with enhanced electrochemical performance for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2018, 769, 110-119.	2.8	11
16	A novel mangosteen peels derived hierarchical porous carbon for lithium sulfur battery. <i>Materials Letters</i> , 2017, 209, 594-597.	1.3	27
17	Facile synthesis and electrochemical properties of Fe ₂ SeS for lithium ion batteries. <i>Journal of Power Sources</i> , 2016, 306, 317-321.	4.0	10
18	LiF [•] Co Nanocomposite as a New Li Storage Material. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, A147.	2.2	25

#	ARTICLE	IF	CITATIONS
19	Stimulated pH-Dependence Phosphorus Platinum-Nickel Alloy Cluster as Hydrogen Generation Electrocatalyst in Alkaline Solution. Energy Technology, 0, , 2200380.	1.8	1