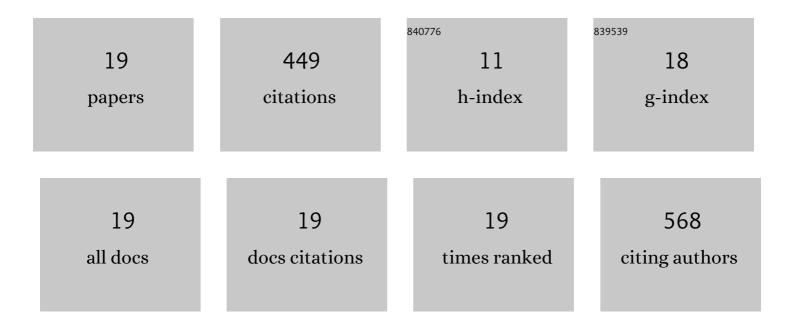
Mingzhe Xue

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modified Li7La3Zr2O12 (LLZO) and LLZO-polymer composites for solid-state lithium batteries. Energy Storage Materials, 2021, 39, 108-129.	18.0	81
2	Synthesis of Ta and Ca doped Li7La3Zr2O12 solid-state electrolyte via simple solution method and its application in suppressing shuttle effect of Li-S battery. Journal of Alloys and Compounds, 2018, 744, 386-394.	5.5	57
3	Mangosteen peel-derived porous carbon: synthesis and its application in the sulfur cathode for lithium sulfur battery. Journal of Materials Science, 2018, 53, 11062-11077.	3.7	51
4	Improved room temperature ionic conductivity of Ta and Ca doped Li7La3Zr2O12 via a modified solution method. Solid State Ionics, 2018, 314, 92-97.	2.7	50
5	Optimized synthesis of banana peel derived porous carbon and its application in lithium sulfur batteries. Materials Research Bulletin, 2019, 112, 269-280.	5.2	33
6	A novel mangosteen peels derived hierarchical porous carbon for lithium sulfur battery. Materials Letters, 2017, 209, 594-597.	2.6	27
7	TiO2 microboxes as effective polysufide reservoirs for lithium sulfur batteries. Electrochimica Acta, 2019, 296, 39-48.	5.2	26
8	LiFâ^•Co Nanocomposite as a New Li Storage Material. Electrochemical and Solid-State Letters, 2006, 9, A147.	2.2	25
9	Oxygenâ€Deficient Ti _{0.9} Nb _{0.1} O _{2â€x} as an Efficient Anodic Catalyst Support for PEM Water Electrolyzer. ChemCatChem, 2019, 11, 2511-2519.	3.7	19
10	Improved Li6.5La3Zr1.5Nb0.5O12 electrolyte and effects of atmosphere exposure on conductivities. Journal of Power Sources, 2021, 497, 229845.	7.8	16
11	A novel hierarchical porous carbon derived from durian shell as enhanced sulfur carrier for high performance Li-S batteries. Journal of Electroanalytical Chemistry, 2021, 893, 115306.	3.8	15
12	Lithium phosphorous oxynitride (LiPON) coated NiFe2O4 anode material with enhanced electrochemical performance for lithium ion batteries. Journal of Alloys and Compounds, 2018, 769, 110-119.	5.5	11
13	Facile synthesis and electrochemical properties of Fe2SeS for lithium ion batteries. Journal of Power Sources, 2016, 306, 317-321.	7.8	10
14	Enhanced Al/Ta co-doped Li7La3Zr2O12 ceramic electrolytes with the reduced Ta doping level for solid-state lithium batteries. Journal of Materials Science, 2021, 56, 19614-19622.	3.7	10
15	A novel Li3P-VP nanocomposite fabricated by pulsed laser deposition as anode material for high-capacity lithium ion batteries. Journal of Electroanalytical Chemistry, 2019, 841, 21-25.	3.8	6
16	TiO2 microbox/carbon nanotube composite-modified separator for high-performance lithium-sulfur batteries. Journal of Solid State Electrochemistry, 2021, 25, 949-961.	2.5	5
17	Effects of alkaline earth metal elements and their synergistic roles with Ta for Li ₇ La ₃ Zr ₂ O ₁₂ . Materials Research Express, 2020, 7, 125201.	1.6	5
18	Stimulated pHâ€Dependence Phosphorus Platinum–Nickel Alloy Cluster as Hydrogen Generation Electrocatalyst in Alkaline Solution. Energy Technology, 0, , 2200380.	3.8	1

#	Article	IF	CITATIONS
19	Phase evolution, structure, and electrochemical performance of Al-, Ga- and Ta- substituted Li7La3Zr2O12 ceramic electrolytes by a modified wet chemical route. Ceramics International, 2022, 48, 31315-31325.	4.8	1