Yongwei Zheng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7438106/publications.pdf

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11	479	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	707
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2D MXene-containing polymer electrolytes for all-solid-state lithium metal batteries. Nanoscale Advances, 2019, 1, 395-402.	4.6	117
2	Highâ€Capacity Allâ€Solidâ€State Sodium Metal Battery with Hybrid Polymer Electrolytes. Advanced Energy Materials, 2018, 8, 1801885.	19.5	87
3	Dendrite-free, wide temperature range lithium metal batteries enabled by hybrid network ionic liquids. Energy Storage Materials, 2020, 29, 273-280.	18.0	55
4	Light-induced shape recovery of deformed shape memory polymer micropillar arrays with gold nanorods. RSC Advances, 2015, 5, 30495-30499.	3.6	54
5	A novel de-coupling solid polymer electrolyte via semi-interpenetrating network for lithium metal battery. Energy Storage Materials, 2020, 29, 42-51.	18.0	51
6	Polymerized Ionic Liquid-Containing Interpenetrating Network Solid Polymer Electrolytes for All-Solid-State Lithium Metal Batteries. ACS Applied Materials & Interfaces, 2019, 11, 34904-34912.	8.0	43
7	Designing Comb-Chain Crosslinker-Based Solid Polymer Electrolytes for Additive-Free All-Solid-State Lithium Metal Batteries. Nano Letters, 2020, 20, 6914-6921.	9.1	35
8	Morphology control in semicrystalline solid polymer electrolytes for lithium batteries. Molecular Systems Design and Engineering, 2019, 4, 793-803.	3.4	18
9	Interpenetrating Network-Based Hybrid Solid and Gel Electrolytes for High Voltage Lithium Metal Batteries. ACS Applied Energy Materials, 2021, 4, 5639-5648.	5.1	11
10	Decoupling the Modulus and Toughness Effects of Solid Polymer Electrolytes in All-Solid-State Lithium Batteries. ACS Applied Energy Materials, 2021, 4, 14093-14101.	5.1	4
11	Multilayered Solid Polymer Electrolytes with Sacrificial Coating for Suppressing Lithium Dendrite Growth. ACS Applied Materials & Interfaces, 2022, 14, 484-491.	8.0	4