

Shan Yan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

133
citations

1478505

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1281871

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docs citations

11
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Oxidized Siloxene Nanosheets with High Capacity, Capacity Retention, and Rate Capability in Lithium-Based Batteries. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	8
2	Interfacial Reactivity of Silicon Electrodes: Impact of Electrolyte Solvent and Presence of Conductive Carbon. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20404-20417.	8.0	8
3	The Dopamine Assisted Synthesis of MoO ₃ /Carbon Electrodes With Enhanced Capacitance in Aqueous Electrolyte. <i>Frontiers in Chemistry</i> , 2022, 10, 873462.	3.6	3
4	Achieving Stable Molybdenum Oxide Cathodes for Aqueous Zinc-Ion Batteries in Water-In-Salt Electrolyte. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002080.	3.7	33
5	Stable Molybdenum Oxide Cathodes: Achieving Stable Molybdenum Oxide Cathodes for Aqueous Zinc-Ion Batteries in Water-In-Salt Electrolyte (<i>Adv. Mater. Interfaces</i> 9/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, 2170052.	3.7	2
6	Structural and electrochemical investigation of crystallite size controlled zinc ferrite (ZnFe ₂ O ₄). <i>Nanotechnology</i> , 2021, 32, 375403.	2.6	7
7	Characterization of Materials Used as Face Coverings for Respiratory Protection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47996-48008.	8.0	4
8	Reusing Face Covering Masks: Probing the Impact of Heat Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13545-13558.	6.7	8
9	Impact of Charge Voltage on Factors Influencing Capacity Fade in Layered NMC622: Multimodal X-ray and Electrochemical Characterization. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50920-50935.	8.0	10
10	(De)lithiation of spinel ferrites Fe ₃ O ₄ , MgFe ₂ O ₄ , and ZnFe ₂ O ₄ : a combined spectroscopic, diffraction and theory study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26200-26215.	2.8	13
11	Probing Sources of Capacity Fade in LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂ (NMC622): An <i>Operando</i> XRD Study of Li/NMC622 Batteries during Extended Cycling. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8119-8128.	3.1	37