Shan Yan

List of Publications by Year
in descending order

11	133	1478505 6	1281871 11
papers	citations	h-index	g-index

11	11	11	141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing Sources of Capacity Fade in LiNi_{0.6}Mn_{0.2}Co_{0.2}O₂ (NMC622): An Operando XRD Study of Li/NMC622 Batteries during Extended Cycling. Journal of Physical Chemistry C, 2020, 124, 8119-8128.	3.1	37
2	Achieving Stable Molybdenum Oxide Cathodes for Aqueous Zincâ€ion Batteries in Waterâ€inâ€Salt Electrolyte. Advanced Materials Interfaces, 2021, 8, 2002080.	3.7	33
3	(De)lithiation of spinel ferrites Fe₃O₄, MgFe₂O₄, and ZnFe₂O₄: a combined spectroscopic, diffraction and theory study. Physical Chemistry Chemical Physics, 2020, 22, 26200-26215.	2.8	13
4	Impact of Charge Voltage on Factors Influencing Capacity Fade in Layered NMC622: Multimodal X-ray and Electrochemical Characterization. ACS Applied Materials & Interfaces, 2021, 13, 50920-50935.	8.0	10
5	Reusing Face Covering Masks: Probing the Impact of Heat Treatment. ACS Sustainable Chemistry and Engineering, 2021, 9, 13545-13558.	6.7	8
6	Lowâ€Oxidized Siloxene Nanosheets with High Capacity, Capacity Retention, and Rate Capability in Lithiumâ€Based Batteries. Advanced Materials Interfaces, 2022, 9, .	3.7	8
7	Interfacial Reactivity of Silicon Electrodes: Impact of Electrolyte Solvent and Presence of Conductive Carbon. ACS Applied Materials & Interfaces, 2022, 14, 20404-20417.	8.0	8
8	Structural and electrochemical investigation of crystallite size controlled zinc ferrite (ZnFe₂O₄). Nanotechnology, 2021, 32, 375403.	2.6	7
9	Characterization of Materials Used as Face Coverings for Respiratory Protection. ACS Applied Materials & Interfaces, 2021, 13, 47996-48008.	8.0	4
10	The Dopamine Assisted Synthesis of MoO3/Carbon Electrodes With Enhanced Capacitance in Aqueous Electrolyte. Frontiers in Chemistry, 2022, 10, 873462.	3.6	3
11	Stable Molybdenum Oxide Cathodes: Achieving Stable Molybdenum Oxide Cathodes for Aqueous Zincâ€ion Batteries in Waterâ€inâ€Salt Electrolyte (Adv. Mater. Interfaces 9/2021). Advanced Materials Interfaces, 2021, 8, 2170052.	3.7	2