

Tengfei Xiong

List of Publications by Year in descending order

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643344

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docs citations

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times ranked

2516
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth of Tellurium Nanobelts on h-BN for p-type Transistors with Ultrahigh Hole Mobility. Nano-Micro Letters, 2022, 14, 109.	14.4	31
2	Nanodots Derived from Layered Materials: Synthesis and Applications. Advanced Materials, 2021, 33, e2006661.	11.1	29
3	Insight into the capacity decay of layered sodium nickel manganese oxide cathodes in sodium ion batteries. Journal of Alloys and Compounds, 2020, 820, 153093.	2.8	9
4	Phenazine anodes for ultralongcycle-life aqueous rechargeable batteries. Journal of Materials Chemistry A, 2020, 8, 26013-26022.	5.2	21
5	Phase Engineering of Nanomaterials for Clean Energy and Catalytic Applications. Advanced Energy Materials, 2020, 10, 2002019.	10.2	85
6	Novel Charging-Optimized Cathode for a Fast and High-Capacity Zinc-Ion Battery. ACS Applied Materials & Interfaces, 2020, 12, 10420-10427.	4.0	43
7	Insights into the Storage Mechanism of Layered VS_2 Cathode in Alkali Metal-Ion Batteries. Advanced Energy Materials, 2020, 10, 1904118.	10.2	67
8	Carbon dioxide directly induced oxygen vacancy in the surface of lithium-rich layered oxides for high-energy lithium storage. Journal of Power Sources, 2019, 432, 8-15.	4.0	81
9	Lithium Deficiencies Engineering in Li-Rich Layered Oxide $\text{Li}_{1.098}\text{Mn}_{0.533}\text{Ni}_{0.113}\text{Co}_{0.138}\text{O}_2$ for High-Stability Cathode. Journal of the American Chemical Society, 2019, 141, 10876-10882.	6.6	171
10	Carboxyl functionalized carbon incorporation of stacked ultrathin NiO nanosheets: topological construction and superior lithium storage. Nanoscale, 2019, 11, 7588-7594.	2.8	17
11	Illuminating phase transformation dynamics of vanadium oxide cathode by multimodal techniques under operando conditions. Nano Research, 2019, 12, 905-910.	5.8	12
12	Ultrastable and High-Performance Zn/VO_2 Battery Based on a Reversible Single-Phase Reaction. Chemistry of Materials, 2019, 31, 699-706.	3.2	227
13	Graphene Scroll-Coated MnO_2 Nanowires as High-Performance Cathode Materials for Aqueous Zn-Ion Battery. Small, 2018, 14, e1703850.	5.2	563
14	Ti-MoO_3 by plasma etching with improved capacity and stabilized structure for lithium storage. Nano Energy, 2018, 49, 555-563.	8.2	133
15	Lithium- and Magnesium-Storage Mechanisms of Novel Hexagonal NbSe_2 . ACS Applied Materials & Interfaces, 2018, 10, 36988-36995.	4.0	42
16	Electrochemical in situ X-ray probing in lithium-ion and sodium-ion batteries. Journal of Materials Science, 2017, 52, 3697-3718.	1.7	36
17	In Operando Probing of Sodium-Incorporation in NASICON Nanomaterial: Asymmetric Reaction and Electrochemical Phase Diagram. Chemistry of Materials, 2017, 29, 8057-8064.	3.2	18
18	In Situ Observation and Mechanism Investigation of Lattice Breathing in Vanadium Oxide Cathode. Acta Chimica Sinica, 2016, 74, 582.	0.5	1