Shunlong Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9035052/publications.pdf

Version: 2024-02-01

24	1,318	394286	610775
papers	citations	19	24
		h-index	g-index

24	24	24	1569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical utilization of raw Ti3C2Tx MXene for fast preparation of various Ti3C2Tx MXene derivatives. Nano Research, 2022, 15, 2746-2755.	5.8	29
2	Multidimensional synergistic architecture of Ti3C2 MXene/CoS2@N-doped carbon for sodium-ion batteries with ultralong cycle lifespan. Chemical Engineering Journal, 2022, 429, 132396.	6.6	60
3	Fabrication of Fe nanocomplex pillared few-layered Ti3C2Tx MXene with enhanced rate performance for lithium-ion batteries. Nano Research, 2021, 14, 1218-1227.	5.8	45
4	Electrochemical Performance Enhancement of Micro-Sized Porous Si by Integrating with Nano-Sn and Carbonaceous Materials. Materials, 2021, 14, 920.	1.3	3
5	Few-layered Ti3C2 MXene anchoring bimetallic selenide NiCo2Se4 nanoparticles for superior Sodium-ion batteries. Chemical Engineering Journal, 2021, 417, 129161.	6.6	78
6	Ultrafine Sb Pillared Few-Layered Ti₃C₂T_x MXenes for Advanced Sodium Storage. ACS Applied Energy Materials, 2021, 4, 9806-9815.	2.5	18
7	Rational Design of Porous N-Ti3C2 MXene@CNT Microspheres for High Cycling Stability in Liâ€“S Battery. Nano-Micro Letters, 2020, 12, 4.	14.4	91
8	Oneâ€Pot Synthesis of a Copolymer Micelle Crosslinked Binder with Multiple Lithiumâ€Ion Diffusion Pathways for Lithiumâ€“Sulfur Batteries. ChemSusChem, 2020, 13, 819-826.	3.6	14
9	Rational Design of Pillared SnS/Ti₃C₂T_x MXene for Superior Lithium-Ion Storage. ACS Nano, 2020, 14, 17665-17674.	7.3	93
10	Dual Immobilization of SnO_x Nanoparticles by N-Doped Carbon and TiO₂ for High-Performance Lithium-Ion Battery Anodes. ACS Applied Materials & Interfaces, 2020, 12, 55820-55829.	4.0	18
11	Biomass-Derived 3D Interconnected Porous Carbon-Encapsulated Nano-FeS₂ for High-Performance Lithium-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 5589-5596.	2.5	32
12	Partial Atomic Tin Nanocomplex Pillared Few-Layered Ti3C2Tx MXenes for Superior Lithium-Ion Storage. Nano-Micro Letters, 2020, 12, 78.	14.4	68
13	Recent advances in MXenes and their composites in lithium/sodium batteries from the viewpoints of components and interlayer engineering. Physical Chemistry Chemical Physics, 2020, 22, 16482-16526.	1.3	47
14	Flowerlike Ti-Doped MoO₃ Conductive Anode Fabricated by a Novel NiTi Dealloying Method: Greatly Enhanced Reversibility of the Conversion and Intercalation Reaction. ACS Applied Materials & Interfaces, 2020, 12, 8240-8248.	4.0	13
15	Fast and Universal Solution-Phase Flocculation Strategy for Scalable Synthesis of Various Few-Layered MXene Powders. Journal of Physical Chemistry Letters, 2020, 11, 1247-1254.	2.1	76
16	Vapor Deposition Red Phosphorus to Prepare Nitrogen-Doped Ti₃C₂T_x MXenes Composites for Lithium-Ion Batteries. Journal of Physical Chemistry Letters, 2019, 10, 6446-6454.	2.1	38
17	Novel Synthesis of Red Phosphorus Nanodot/Ti₃C₂T_x MXenes from Low-Cost Ti₃SiC₂ MAX Phases for Superior Lithium- and Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 42086-42093.	4.0	45
18	Preparation of an Amorphous Crossâ€Linked Binder for Silicon Anodes. ChemSusChem, 2019, 12, 4838-4845.	3.6	38

#	Article	IF	Citations
19	New, Effective, and Low-Cost Dual-Functional Binder for Porous Silicon Anodes in Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 14051-14058.	4.0	50
20	Naturally abundant high-performance rechargeable aluminum/iodine batteries based on conversion reaction chemistry. Journal of Materials Chemistry A, 2018, 6, 9984-9996.	5.2	58
21	Nickel-Based-Hydroxide-Wrapped Activated Carbon Cloth/Sulfur Composite with Tree-Bark-Like Structure for High-Performance Freestanding Sulfur Cathode. ACS Applied Energy Materials, 2018, 1, 1594-1602.	2.5	23
22	Rechargeable Aluminum/Iodine Battery Redox Chemistry in Ionic Liquid Electrolyte. ACS Energy Letters, 2017, 2, 1170-1176.	8.8	122
23	A facile in situ synthesis of nanocrystal-FeSi-embedded Si/SiOx anode for long-cycle-life lithium ion batteries. Energy Storage Materials, 2017, 8, 119-126.	9.5	77
24	Ultrasmall Sn nanodots embedded inside N-doped carbon microcages as high-performance lithium and sodium ion battery anodes. Journal of Materials Chemistry A, 2017, 5, 8334-8342.	5.2	182