

Lianyi Shao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

667
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile preparation of NH ₂ -functionalized black phosphorene for the electrocatalytic hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2494-2499.	10.3	149
2	Na ₃ V ₂ (PO ₄) ₂ F ₃ @SWCNT: a high voltage cathode for non-aqueous and aqueous sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 248-256.	10.3	111
3	Urchin-like FeS ₂ architectures wrapped with N-doped multi-wall carbon nanotubes@rGO as high-rate anode for sodium ion batteries. <i>Journal of Power Sources</i> , 2021, 491, 229627.	7.8	44
4	MnOOH nanorods as high-performance anodes for sodium ion batteries. <i>Chemical Communications</i> , 2017, 53, 2435-2438.	4.1	40
5	Carbon quantum dots-enabled high-capacitance and highly stable nickel sulphide nanosheet electrode for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 669-677.	9.4	37
6	Metal-Organic-Framework-Derived N-, P-, and O-Codoped Nickel/Carbon Composites Homogeneously Decorated on Reduced Graphene Oxide for Energy Storage. <i>ACS Applied Nano Materials</i> , 2020, 3, 5625-5636.	5.0	33
7	Rechargeable Na-CO ₂ Batteries Starting from Cathode of Na ₂ CO ₃ and Carbon Nanotubes. <i>Research</i> , 2018, 2018, 6914626.	5.7	32
8	Microwave-assisted hydrothermal synthesis of three-dimensional NbOPO ₄ -reduced graphene oxide-carbon nanotube composite for high performance sodium-ion battery anode. <i>Journal of Power Sources</i> , 2022, 539, 231457.	7.8	31
9	Pampas grass-inspired FeOOH nanobelts as high performance anodes for sodium ion batteries. <i>Journal of Energy Chemistry</i> , 2021, 54, 138-142.	12.9	28
10	Hierarchical MoS ₂ @NiS nanosheet-based nanotubes@N-doped carbon coupled with ether-based electrolytes towards high-performance Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27072-27083.	10.3	28
11	A low-cost NiSe ₂ derived from waste nickel foam as a high-performance anode for sodium ion batteries. <i>Materials Today Physics</i> , 2022, 22, 100593.	6.0	25
12	Phase diagram and electrochemical behavior of lithium sodium vanadium phosphates cathode materials for lithium ion batteries. <i>Ceramics International</i> , 2015, 41, 5164-5171.	4.8	21
13	Highly infiltrative micro-sized Cu ₂ Se as advanced material with excellent rate performance and ultralong cycle-life for sodium ion half/full batteries. <i>Materials Today Physics</i> , 2021, 19, 100422.	6.0	21
14	Robust Strategy of Quasi-Solid-State Electrolytes to Boost the Stability and Compatibility of Mg Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54711-54719.	8.0	20
15	Niobium Carbide as a Promising Pseudocapacitive Sodium-ion Storage Anode. <i>Energy Technology</i> , 2021, 9, 2100298.	3.8	20
16	Trash to treasure: Carbon-free ZnSe derived from waste zinc foil as a high-rate and long-life anode material enabling fast-charging sodium-ion batteries. <i>Journal of Power Sources</i> , 2022, 542, 231801.	7.8	10
17	Li _{3-x} Na _x V ₂ (PO ₄) ₃ (O ₃): Possible anode materials for rechargeable lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 200, 1-11.	5.2	9
18	Space-confined engineering boosted high-performance of ultrafine nickel selenide nanocomposites for sodium-ion capacitors. <i>Materials Today Sustainability</i> , 2022, 18, 100151.	4.1	8