

Jian Sheng

List of Publications by Year in descending order

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13
papers

787
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933447

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docs citations

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1407
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Sodium Storage in TiO ₂ @CNT@C Nanorods for High-Performance Na-ion Capacitors. <i>Advanced Energy Materials</i> , 2017, 7, 1701222.	19.5	296
2	Oriented SnS nanoflakes bound on S-doped N-rich carbon nanosheets with a rapid pseudocapacitive response as high-rate anodes for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19745-19751.	10.3	108
3	Ta ₂ O ₅ /C Nanofibers Prepared through Electrospinning with Prolonged Cycle Durability for High-Rate Sodium-ion Batteries Induced by Pseudocapacitance. <i>Small</i> , 2017, 13, 1702588.	10.0	107
4	Carbon nanotubes for flexible batteries: recent progress and future perspective. <i>National Science Review</i> , 2021, 8, nwaa261.	9.5	71
5	GO-induced preparation of flake-shaped Na ₃ V ₂ (PO ₄) ₃ @rGO as high-rate and long-life cathodes for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25276-25281.	10.3	62
6	Atomic origins of the strong metal-support interaction in silica supported catalysts. <i>Chemical Science</i> , 2021, 12, 12651-12660.	7.4	36
7	Carbon nanotube supported bifunctional electrocatalysts containing iron-nitrogen-carbon active sites for zinc-air batteries. <i>Nano Research</i> , 2021, 14, 4541-4547.	10.4	30
8	Monolithic flexible supercapacitors drawn with nitrogen-doped carbon nanotube-graphene ink. <i>Materials Research Bulletin</i> , 2021, 139, 111266.	5.2	18
9	Applications of Carbon Nanotubes in Oxygen Electrocatalytic Reactions. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20455-20462.	8.0	16
10	Micro/Nanostructure-Dependent Electrochemical Performances of Sb ₂ O ₃ Micro-Bundles as Anode Materials for Sodium-ion Batteries. <i>ChemElectroChem</i> , 2018, 5, 2522-2527.	3.4	15
11	3D Vertical Arrays of Nanomaterials for Microscaled Energy Storage Devices. <i>Accounts of Materials Research</i> , 2021, 2, 1215-1226.	11.7	13
12	Jahn-Teller Effect Directed Bandgap Tuning of Birnessite for Pseudocapacitive Application. <i>Energy and Environmental Materials</i> , 2023, 6, .	12.8	10
13	Epitaxial growth of horizontally aligned single-crystal arrays of perovskite. <i>Science China Materials</i> , 2019, 62, 59-64.	6.3	5