

Achieving high energy density and high power density v

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Citation Report

#	ARTICLE	IF	CITATIONS
1	MoS ₂ /carbon composites prepared by ball-milling and pyrolysis for the high-rate and stable anode of lithium ion capacitors. RSC Advances, 2019, 9, 42316-42323.	1.7	16
2	Preparation and Carbon-Dependent Supercapacitive Behaviour of Nanohybrid Materials between Polyoxometalate and Porous Carbon Derived from Zeolitic Templates. Materials, 2020, 13, 81.	1.3	4
3	Nickel metal-organic framework nanosheets as novel binder-free cathode for advanced fibrous aqueous rechargeable Ni-Zn battery. Journal of Materials Chemistry A, 2020, 8, 3262-3269.	5.2	68
4	Dihexyl-Substituted Poly(3,4-Propylenedioxythiophene) as a Dual Ionic and Electronic Conductive Cathode Binder for Lithium-Ion Batteries. Chemistry of Materials, 2020, 32, 9176-9189.	3.2	42
5	Hydrated Mg ₂ V ₅ O ₁₂ Cathode with Improved Mg ²⁺ Storage Performance. Advanced Energy Materials, 2020, 10, 2002128.	10.2	31
6	Tantalum pentoxide-reduced graphene oxide nanocomposite as a new conversion type anode material having extrinsic pseudocapacitance for electrochemical lithium storage. Journal of Energy Storage, 2020, 32, 101991.	3.9	2
7	On the Capacities of Freestanding Vanadium Pentoxide-Carbon Nanotube-Nanocellulose Paper Electrodes for Charge Storage Applications. Energy Technology, 2020, 8, 2000731.	1.8	4
8	Pinning ultrasmall greigite nanoparticles on graphene for effective transition-metal-sulfide supercapacitors in an ionic liquid electrolyte. Journal of Materials Chemistry A, 2020, 8, 25716-25726.	5.2	14
9	CoO Quantum Dots Anchored on Reduced Graphene Oxide Aerogels for Lithium-Ion Storage. ACS Applied Nano Materials, 2020, 3, 10369-10379.	2.4	16
10	Activating the Highly Reversible Mo ⁴⁺ /Mo ⁵⁺ Redox Couple in Amorphous Molybdenum Oxide for High-Performance Supercapacitors. ACS Applied Materials & Interfaces, 2020, 12, 48565-48571.	4.0	28
11	Peanut-like yolk/core-shell MnO/C microspheres for improved lithium storage and the formation mechanism of MnCO ₃ precursors. Journal of Alloys and Compounds, 2020, 849, 156637.	2.8	14
12	Holey Graphene for Electrochemical Energy Storage. Cell Reports Physical Science, 2020, 1, 100215.	2.8	58
13	Pseudocapacitive Ti-Doped Niobium Pentoxide Nanoflake Structure Design for a Fast Kinetics Anode toward a High-Performance Mg-Ion-Based Dual-Ion Battery. ACS Applied Materials & Interfaces, 2020, 12, 47539-47547.	4.0	35
14	Heavy chalcogenide-transition metal clusters as coordination polymer nodes. Chemical Science, 2020, 11, 8350-8372.	3.7	45
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16	Recent advances in bioelectronics chemistry. Chemical Society Reviews, 2020, 49, 7978-8035.	18.7	54
17	Hybrid supercapacitors from porous boron-doped diamond with water-soluble redox electrolyte. Surface and Coatings Technology, 2020, 398, 126103.	2.2	22
18	Microwave deposition synthesis of Ni(OH) ₂ /sorghum stalk biomass carbon electrode materials for supercapacitors. Journal of Alloys and Compounds, 2020, 846, 156376.	2.8	57

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20	Needle-like CoO nanowire composites with NiO nanosheets on carbon cloth for hybrid flexible supercapacitors and overall water splitting electrodes. RSC Advances, 2020, 10, 37489-37499.	1.7	23
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112	Spontaneously Forming Oxide Layer of High Entropy Alloy Nanoparticles Deposited on Porous Carbons for Supercapacitors. <i>ChemElectroChem</i> , 2021, 8, 260-269.	1.7	15
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719	Interactive Nanomaterials for Energy Storage and Conversion. <i>ACS Symposium Series</i> , 0, , 27-81.	0.5	0
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950	Pseudocapacitance of rutile nickel fluoride in alkaline solution—a review. <i>Ionics</i> , 0, .	1.2	0

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998	Accelerating ion/electron transport by engineering an indium-based heterostructure toward large and reversible lithium storage. <i>Chemical Communications</i> , 0, , .	2.2	0
1011	Ti ₃ C ₂ T _x MXene-embedded MnO ₂ -based hydrophilic electrospun carbon nanofibers as a freestanding electrode for supercapacitors. <i>Chemical Communications</i> , 2023, 59, 14309-14312.	2.2	1
1015	Recent advances in the utilization of covalent organic frameworks (COFs) as electrode materials for supercapacitors. <i>Chemical Science</i> , 2023, 14, 13601-13628.	3.7	3
1020	Recent advances in biopolymers-based carbon materials for supercapacitors. <i>RSC Advances</i> , 2023, 13, 33318-33335.	1.7	2
1028	Potassium ion pre-intercalated MnO ₂ for aqueous multivalent ion batteries. <i>Frontiers of Optoelectronics</i> , 2023, 16, .	1.9	0
1045	Pseudocapacitance: Tuning Electrochemical Properties. <i>Engineering Materials</i> , 2024, , 75-93.	0.3	0
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