Fengwang

List of Publications by Year
in descending order

23 papers	1,699 citations	361413 20 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	751 citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in carbon-based materials for supercapacitor electrodes: a review. Journal of Materials Science, 2021, 56, 173-200.	3.7	474
2	Nanocellulose and its derived composite electrodes toward supercapacitors: Fabrication, properties, and challenges. Journal of Bioresources and Bioproducts, 2022, 7, 245-269.	20.5	120
3	N-doped honeycomb-like porous carbon towards high-performance supercapacitor. Chinese Chemical Letters, 2020, 31, 1986-1990.	9.0	116
4	Phosphorus-doped thick carbon electrode for high-energy density and long-life supercapacitors. Chemical Engineering Journal, 2021, 414, 128767.	12.7	114
5	Pyrolysis of Enzymolysisâ€Treated Wood: Hierarchically Assembled Porous Carbon Electrode for Advanced Energy Storage Devices. Advanced Functional Materials, 2021, 31, 2101077.	14.9	109
6	Review on porous carbon materials engineered by ZnO templates: Design, synthesis and capacitance performance. Materials and Design, 2021, 201, 109518.	7.0	85
7	A flame-retardant and transparent wood/polyimide composite with excellent mechanical strength. Composites Communications, 2020, 20, 100355.	6.3	74
8	Recent advances in carbon substrate supported nonprecious nanoarrays for electrocatalytic oxygen evolution. Journal of Materials Chemistry A, 2021, 9, 25773-25795.	10.3	71
9	3D printing hydrogels for actuators: A review. Chinese Chemical Letters, 2021, 32, 2923-2932.	9.0	59
10	Electrode thickness design toward bulk energy storage devices with high areal/volumetric energy density. Applied Energy, 2021, 289, 116734.	10.1	57
11	Woodâ€Derived Highâ€Massâ€Loading MnO₂ Composite Carbon Electrode Enabling High Energy Density and Highâ€Rate Supercapacitor. Small, 2022, 18, e2201307.	10.0	52
12	Woodâ€Derived, Conductivity and Hierarchical Pore Integrated Thick Electrode Enabling High Areal/Volumetric Energy Density for Hybrid Capacitors. Small, 2021, 17, e2102532.	10.0	49
13	Facile Electrodeposition of NiCo2O4 Nanosheets on Porous Carbonized Wood for Wood-Derived Asymmetric Supercapacitors. Polymers, 2022, 14, 2521.	4.5	49
14	ZnCl₂ regulated flax-based porous carbon fibers for supercapacitors with good cycling stability. New Journal of Chemistry, 2021, 45, 22602-22609.	2.8	48
15	Soybean protein-derived N, O co-doped porous carbon sheets for supercapacitor applications. New Journal of Chemistry, 2022, 46, 10844-10853.	2.8	37
16	Water molecule-induced hydrogen bonding between cellulose nanofibers toward highly strong and tough materials from wood aerogel. Chinese Chemical Letters, 2021, 32, 3105-3108.	9.0	33
17	Camellia Pollenâ€Derived Carbon with Controllable N Content for Highâ€Performance Supercapacitors by Ammonium Chloride Activation and Dual Nâ€Doping. ChemNanoMat, 2021, 7, 34-43.	2.8	28
18	Design of wood-derived anisotropic structural carbon electrode for high-performance supercapacitor. Wood Science and Technology, 2022, 56, 1191-1203.	3.2	27

#	Article	IF	Citations
19	Fatsia Japonica-Derived Hierarchical Porous Carbon for Supercapacitors With High Energy Density and Long Cycle Life. Frontiers in Chemistry, 2020, 8, 89.	3.6	22
20	Core effect on mechanical properties of one dimensional electrospun core-sheath composite fibers. Composites Communications, 2021, 25, 100773.	6.3	22
21	All-cellulose-based high-rate performance solid-state supercapacitor enabled by nitrogen doping and porosity tuning. Diamond and Related Materials, 2022, 128, 109238.	3.9	21
22	Biomass carbon materials with porous array structures derived from soybean dregs for effective electromagnetic wave absorption. Diamond and Related Materials, 2022, 126, 109054.	3.9	17
23	High adsorption activated calcium silicate enabling high-capacity adsorption for sulfur dioxide. New Journal of Chemistry, 2020, 44, 11879-11886.	2.8	15