

Chuanyin

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,709
citations

279798

23
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

1578
citing authors

#	ARTICLE	IF	CITATIONS
1	The recent progress on three-dimensional porous graphene-based hybrid structure for supercapacitor. <i>Composites Part B: Engineering</i> , 2019, 165, 10-46.	12.0	162
2	A smart porous wood-supported flower-like NiS/Ni conjunction with vitrimer co-effect as a multifunctional material with reshaping, shape-memory, and self-healing properties for applications in high-performance supercapacitors, catalysts, and sensors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10898-10908.	10.3	107
3	Non-carbonized porous lignin-free wood as an effective scaffold to fabricate lignin-free Wood@Polyaniline supercapacitor material for renewable energy storage application. <i>Journal of Power Sources</i> , 2020, 471, 228448.	7.8	97
4	A smart paper@polyaniline nanofibers incorporated vitrimer bifunctional device with reshaping, shape-memory and self-healing properties applied in high-performance supercapacitors and sensors. <i>Chemical Engineering Journal</i> , 2020, 396, 125318.	12.7	93
5	Carbohydrates-rich corncobs supported metal-organic frameworks as versatile biosorbents for dye removal and microbial inactivation. <i>Carbohydrate Polymers</i> , 2019, 222, 115042.	10.2	86
6	Fabrication of eco-friendly carbon microtubes @ nitrogen-doped reduced graphene oxide hybrid as an excellent carbonaceous scaffold to load MnO ₂ nanowall (PANI nanorod) as bifunctional material for high-performance supercapacitor and oxygen reduction reaction catalyst. <i>Journal of Power Sources</i> , 2020, 447, 227387.	7.8	86
7	Facile synthesis of Ag NPs@ MIL-100(Fe)/ guar gum hybrid hydrogel as a versatile photocatalyst for wastewater remediation: Photocatalytic degradation, water/oil separation and bacterial inactivation. <i>Carbohydrate Polymers</i> , 2020, 230, 115642.	10.2	82
8	Two-step approach of fabrication of interconnected nanoporous 3D reduced graphene oxide-carbon nanotube-polyaniline hybrid as a binder-free supercapacitor electrode. <i>Journal of Alloys and Compounds</i> , 2017, 695, 1248-1259.	5.5	76
9	Flexible N-Doped reduced graphene oxide/carbon Nanotube-MnO ₂ film as a Multifunctional Material for High-Performance supercapacitors, catalysts and sensors. <i>Journal of Materiomics</i> , 2020, 6, 523-531.	5.7	72
10	Carbonized wood cell chamber-reduced graphene oxide@PVA flexible conductive material for supercapacitor, strain sensing and moisture-electric generation applications. <i>Chemical Engineering Journal</i> , 2021, 418, 129518.	12.7	72
11	Screen printing fabricating patterned and customized full paper-based energy storage devices with excellent photothermal, self-healing, high energy density and good electromagnetic shielding performances. <i>Journal of Materials Science and Technology</i> , 2022, 97, 190-200.	10.7	71
12	Vitrimer-Cellulose Paper Composites: A New Class of Strong, Smart, Green, and Sustainable Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36090-36099.	8.0	67
13	New Kind of Lignin/Polyhydroxyurethane Composite: Green Synthesis, Smart Properties, Promising Applications, and Good Reprocessability and Recyclability. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28938-28948.	8.0	64
14	Fabrication of 3D Expanded Graphite-Based (MnO ₂ Nanowalls and PANI Nanofibers) Hybrid as Bifunctional Material for High-Performance Supercapacitor and Sensor. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3965-A3971.	2.9	62
15	A multifunctional self-crosslinked chitosan/cationic guar gum composite hydrogel and its versatile uses in phosphate-containing water treatment and energy storage. <i>Carbohydrate Polymers</i> , 2020, 244, 116472.	10.2	58
16	Two “step approach of fabrication of three “ dimensional reduced graphene oxide “ carbon nanotubes “ nickel foams hybrid as a binder “ free supercapacitor electrode. <i>Electrochimica Acta</i> , 2016, 217, 9-15.	5.2	52
17	Fabrication of reduced graphene oxide-cellulose nanofibers based hybrid film with good hydrophilicity and conductivity as electrodes of supercapacitor. <i>Cellulose</i> , 2021, 28, 3733-3743.	4.9	44
18	Three-Dimensional Graphene/MnO ₂ Nanowalls Hybrid for High-Efficiency Electrochemical Supercapacitors. <i>Nano</i> , 2018, 13, 1850013.	1.0	40

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19	A New Kind of Nonconventional Luminogen Based on Aliphatic Polyhydroxyurethane and Its Potential Application in Ink-Free Anticounterfeiting Printing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11005-11015.	8.0	38
20	High-Density Oxygen Doping of Conductive Metal Sulfides for Better Polysulfide Trapping and Li_2S Redox Kinetics in High Areal Capacity Lithium Sulfur Batteries. <i>Advanced Science</i> , 2022, 9, e2200840.	11.2	36
21	Fabrication of high value cellulose nanofibers@Ni foam by non carbonization: various application developed during the preparation. <i>Cellulose</i> , 2021, 28, 1455-1468.	4.9	29
22	Ultra-high thermal-conductive, reduced graphene oxide welded cellulose nanofibrils network for efficient thermal management. <i>Carbohydrate Polymers</i> , 2020, 250, 116971.	10.2	28
23	LiNa metal compounds inserted into porous natural wood as a bifunctional hybrid applied in supercapacitors and electrocatalysis. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 2389-2398.	7.1	28
24	Co-N-Doped Directional Multichannel PAN/CA-Based Electrospun Carbon Nanofibers as High-Efficiency Bifunctional Oxygen Electrocatalysts for Zn Air Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17068-17077.	6.7	25
25	Co/CoS nanofibers with flower-like structure immobilized in carbonated porous wood as bifunctional material for high-performance supercapacitors and catalysts. <i>Materials and Design</i> , 2020, 195, 108942.	7.0	24
26	Wood-based micro-spring composite elastic material with excellent electrochemical performance, high elasticity and elastic recovery rate applied in supercapacitors and sensors. <i>Industrial Crops and Products</i> , 2022, 178, 114565.	5.2	23
27	Construction of flexible cellulose nanofiber fiber@graphene quantum dots hybrid film applied in supercapacitor and sensor. <i>Cellulose</i> , 2021, 28, 10359-10372.	4.9	21
28	Carbonized porous wood as an effective scaffold for loading flower-like CoS, NiS nanofibers with Co, Ni nanoparticles served as electrode material for high-performance supercapacitors. <i>Industrial Crops and Products</i> , 2021, 167, 113545.	5.2	21
29	A Facile Method of Preparing the Asymmetric Supercapacitor with Two Electrodes Assembled on a Sheet of Filter Paper. <i>Nanomaterials</i> , 2019, 9, 1338.	4.1	14
30	A Facile Method to Prepare Silver Doped Graphene Combined with Polyaniline for High Performances of Filter Paper Based Flexible Electrode. <i>Nanomaterials</i> , 2019, 9, 1434.	4.1	12
31	Nanofibrillated Cellulose-Derived Nanofibrous Co@N-C as Oxygen Reduction Reaction Catalysts in Zn Air Batteries. <i>ACS Applied Nano Materials</i> , 2022, 5, 6438-6446.	5.0	9
32	Low-cost and low-density carbonized facial tissue supported uniform NiCo ₂ S ₄ nanotubes for high capacity flexible solid-state supercapacitors. <i>Journal of Materiomics</i> , 2021, 7, 166-176.	5.7	7
33	Role of nanocellulose in colored paper preparation. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 355-362.	7.5	3