

Weigang Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

505
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled preparation of nitrogen-doped hierarchical carbon cryogels derived from Phenolic-Based resin and their CO ₂ adsorption properties. <i>Energy</i> , 2022, 246, 123367.	8.8	15
2	Construction of advanced zeolitic imidazolate framework derived cobalt sulfide/MXene composites as high-performance electrodes for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 282-292.	9.4	29
3	Microwave-assisted synthesis of hybrid supercapacitors consisting of Ni, Co-layered double hydroxide shell assembled around wood-derived activated carbon fiber core. <i>Electrochimica Acta</i> , 2022, 412, 140148.	5.2	16
4	Development and performance evaluation of wood-pulp/glass fibre hybrid composites as core materials for vacuum insulation panels. <i>Journal of Cleaner Production</i> , 2022, 357, 131957.	9.3	15
5	Three dimensional hierarchical porous nickel cobalt layered double hydroxides (LDHs) and nitrogen doped activated biocarbon composites for high-performance asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 859, 158318.	5.5	37
6	High performance supercapacitor electrodes based on B/N Co-doped biomass porous carbon materials by KOH activation and hydrothermal treatment. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 31927-31937.	7.1	44
7	High energy density supercapacitors with hierarchical nitrogen-doped porous carbon as active material obtained from bio-waste. <i>Renewable Energy</i> , 2021, 175, 760-769.	8.9	59
8	Design and construction of hierarchical sea urchin-like NiCo-LDH@ACF composites for high-performance supercapacitors. <i>Industrial Crops and Products</i> , 2021, 171, 113900.	5.2	21
9	Boron and nitrogen co-doped porous carbon for supercapacitors: A comparison between a microwave-assisted and a conventional hydrothermal process. <i>Journal of Energy Storage</i> , 2020, 32, 101706.	8.1	24
10	Two-step synthesis of B and N co-doped porous carbon composites by microwave-assisted hydrothermal and pyrolysis process for supercapacitor application. <i>Electrochimica Acta</i> , 2020, 360, 137010.	5.2	50
11	Thermal, morphological, and mechanical characteristics of sustainable tannin bio-based foams reinforced with wood cellulosic fibers. <i>Industrial Crops and Products</i> , 2020, 158, 113029.	5.2	20
12	Cost-Effective Monolithic Hierarchical Carbon Cryogels with Nitrogen Doping and High-Performance Mechanical Properties for CO ₂ Capture. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21748-21760.	8.0	31
13	Chemically modified self-doped biocarbon via novel sulfonation assisted sacrificial template method for high performance flexible all solid-state supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 33-42.	9.4	63
14	Synthesis of activated carbon from biowaste of fir bark for methylene blue removal. <i>Royal Society Open Science</i> , 2019, 6, 190523.	2.4	22
15	Nitrogen-containing high surface area carbon cryogel from co-condensed phenol-urea-formaldehyde resin for CO ₂ capture. <i>Journal of Porous Materials</i> , 2019, 26, 847-854.	2.6	12
16	Hydrothermal Doping of Nitrogen in Bamboo-Based Super Activated Carbon for Hydrogen Storage. <i>BioResources</i> , 2017, 12, .	1.0	10
17	Synthesis of Bamboo-Based Activated Carbons with Super-High Specific Surface Area for Hydrogen Storage. <i>BioResources</i> , 2016, 12, .	1.0	37