

Rui Zhao

List of Publications by Year in descending order

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25
papers

359
citations

759233

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501
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of nanoporosity on the electromagnetic wave absorption performance in a biomass-templated Fe ₃ O ₄ /C composite: a small-angle neutron scattering study. <i>Journal of Materials Chemistry C</i> , 2020, 8, 319-327.	5.5	48
2	ZnO/rGO/C composites derived from metal-organic framework as advanced anode materials for Li-ion and Na-ion batteries. <i>Journal of Materials Science</i> , 2018, 53, 6785-6795.	3.7	44
3	Bismuth activated succulent-like binary metal sulfide heterostructure as a binder-free electrocatalyst for enhanced oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 150-157.	9.4	33
4	Chemically bonded iron carbonyl for magnetic composites based on phthalonitrile polymers. <i>Polymer International</i> , 2011, 60, 414-421.	3.1	29
5	Solvothermal synthesis of hierarchical NiS particles as battery-type electrode materials for hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 806, 1068-1076.	5.5	28
6	Preparation and properties of halogen-free flame-retarded phthalonitrile-epoxy blends. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3580-3586.	2.6	19
7	Large-scale solvent-thermal synthesis of graphene/magnetite/conductive oligomer ternary composites for microwave absorption. <i>Science China Materials</i> , 2015, 58, 566-573.	6.3	19
8	Metal-organic framework-derived self-supporting metal boride for efficient electrocatalytic oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 34-43.	9.4	17
9	Reduced graphene oxide/Fe-phthalocyanine nanosphere cathodes for lithium-ion batteries. <i>Journal of Materials Science</i> , 2018, 53, 9170-9179.	3.7	16
10	Effect of nitrile functionalized graphene on the properties of poly(arylene ether nitrile) nanocomposites. <i>Polymer International</i> , 2012, 61, 880-887.	3.1	14
11	A simple approach towards nitrogen-doped graphene and metal/graphene by solid-state pyrolysis of metal phthalocyanine. <i>New Journal of Chemistry</i> , 2014, 38, 2993-2998.	2.8	13
12	Ultra-thin graphene cube framework@TiO ₂ heterojunction as high-performance anode materials for lithium ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 100-108.	9.4	13
13	Viscoelasticity and thermal stability of poly(arylene ether nitrile) nanocomposites with various functionalized carbon nanotubes. <i>Polymer International</i> , 2011, 60, 1342-1348.	3.1	9
14	Hierarchical core/shell bamboo-like polypyrrole nanofibers/Fe ₃ O ₄ hybrids with superior microwave absorption performance. <i>Composite Interfaces</i> , 2019, 26, 1087-1100.	2.3	8
15	Controllable synthesis of self-templated hierarchical Ni ₃ S ₂ @N-doped carbon for enhanced oxygen evolution reaction. <i>Materials Advances</i> , 2021, 2, 3971-3980.	5.4	7
16	Metal Oxide/Nitrogen-Doped Carbon Nanosheet Heteronanostructures as Highly Efficient Electromagnetic Wave Absorbing Materials. <i>Molecules</i> , 2021, 26, 7537.	3.8	7
17	Synthesis and Dielectric Properties of Hyperbranched CuPc Based on Biphenyl Segments. <i>Journal of Electronic Materials</i> , 2011, 40, 2166-2171.	2.2	6
18	Nickel (II) Phthalocyanine-Tetrasulfonic Acid Tetrasodium Salt as a High-Performance Organic Anode for Ion Battery. <i>Journal of the Electrochemical Society</i> , 2019, 166, A201-A207.	2.9	6

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19	Understanding the dual function of oxygen-containing groups in fabricating PANi electrodes and Zn-PANi battery. <i>Electrochimica Acta</i> , 2022, 427, 140836.	5.2	6
20	Cerium decorated amorphous ternary Ni-Ce-B catalyst for enhanced electrocatalytic water oxidation. <i>Surfaces and Interfaces</i> , 2021, 26, 101447.	3.0	4
21	Long-range oriented graphene-like nanosheets with corrugated structure. <i>Chemical Communications</i> , 2018, 54, 13543-13546.	4.1	3
22	Microwave-excited hybrid thermoacoustic and ultrasound imaging with microwave pulse-width modulation. <i>AIP Advances</i> , 2019, 9, .	1.3	3
23	Cooperation of iron and bismuth for the synthesis of ternary metal sulfide as self-supporting electrode for enhanced water oxidation. <i>Journal of Alloys and Compounds</i> , 2021, 889, 161618.	5.5	3
24	Organic Functionalized Nano-Fe ₃ O ₄ Hybrid Inhibitor for Enhancing the Anticorrosion Performance of Carbon Steel. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 2058-2064.	0.5	2
25	Graphene coating magnetite/N-doping carbon hybrid composites and its lithium storage performance. <i>Materials Letters</i> , 2018, 231, 47-50.	2.6	2