Renfu Zhuo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5099214/publications.pdf

Version: 2024-02-01

		516710	501196
28	1,086	16	28
papers	citations	h-index	g-index

28	28	28	1784
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave absorption properties of 3D cross-linked Fe/C porous nanofibers prepared by electrospinning. Carbon, 2018, 134, 264-273.	10.3	270
2	Fabrication, In-Depth Characterization, and Formation Mechanism of Crystalline Porous Birnessite MnO₂ Film with Amorphous Bottom Layers by Hydrothermal Method. Crystal Growth and Design, 2009, 9, 218-222.	3.0	101
3	Design, hydrothermal synthesis and electrochemical properties of porous birnessite-type manganese dioxide nanosheets on graphene as a hybrid material for supercapacitors. Journal of Power Sources, 2013, 242, 78-85.	7.8	99
4	Manganese dioxide nanosheet arrays grown on graphene oxide as an advanced electrode material for supercapacitors. Electrochimica Acta, 2014, 117, 528-533.	5.2	78
5	Synthesis and electrochemical properties of MnO2/rGO/PEDOT:PSS ternary composite electrode material for supercapacitors. Materials Letters, 2014, 127, 53-55.	2.6	61
6	Structure and photoluminescence property of Eu-doped SnO₂nanocrystalline powders fabricated by solâ€“gel calcination process. Journal Physics D: Applied Physics, 2008, 41, 105306.	2.8	45
7	SnO 2 /graphene oxide composite material with high rate performance applied in lithium storage capacity. Electrochimica Acta, 2018, 264, 61-68.	5.2	45
8	Enhanced microwave absorption properties in C band of Ni/C porous nanofibers prepared by electrospinning. Journal of Alloys and Compounds, 2019, 800, 294-304.	5.5	43
9	Large-size and high performance visible-light photodetectors based on two-dimensional hybrid materials SnS/RGO. RSC Advances, 2018, 8, 761-766.	3.6	42
10	One-pot synthesis of ZnS hollow spheres via a low-temperature, template-free hydrothermal route. CrystEngComm, 2013, 15, 1571.	2.6	37
11	Stannous sulfide/multi-walled carbon nanotube hybrids as high-performance anode materials of lithium-ion batteries. Electrochimica Acta, 2014, 136, 355-362.	5.2	36
12	Two-dimensional hexagonal SnS2 nanoflakes: fabrication, characterization, and growth mechanism. Applied Physics A: Materials Science and Processing, 2011, 103, 413-419.	2.3	35
13	Design and influence of mass ratio on supercapacitive properties of ternary electrode material reduced graphene oxide@MnO2@ poly(3,4-ethylenedioxythiophene)-poly(styrene sulfonate). Electrochimica Acta, 2015, 169, 317-325.	5.2	32
14	One-step synthesis and excellent microwave absorption of hierarchical tree-like ZnO nanostructures. Materials Letters, 2014, 117, 34-36.	2.6	19
15	Effect of Mg doping on growth and photoluminescence of AlN hexagonal nanorods. Journal of Alloys and Compounds, 2015, 624, 241-246.	5.5	18
16	Preparation of mono-dispersed, high energy release, core/shell structure Al nanopowders and their application in HTPB propellant as combustion enhancers. Scientific Reports, 2017, 7, 5228.	3.3	18
17	Synthesis and electrochemical properties of multilayered porous hexagonal Mn(OH) 2 nanoplates as supercapacitor electrode material. Materials Letters, 2014, 136, 7-10.	2.6	13
18	Hydrothermal synthesis and electrochemical properties of hexagonal hydrohausmannite plates as supercapacitor electrode material. Materials Letters, 2014, 117, 62-65.	2.6	13

#	Article	IF	Citations
19	Growth of AlN hexagonal oriented complex nanostructures induced by nucleus arrangement. CrystEngComm, 2011, 13, 5198.	2.6	12
20	Effect of temperature on growth and ultraviolet photoluminescence of Zn doped AlN nanostructures. Materials Letters, 2014, 136, 95-98.	2.6	11
21	Temperature-dependent growth, photoluminescence and ferromagnetic properties of Co-doped AlN hexagonal nanostructures. Materials Letters, 2015, 142, 106-108.	2.6	10
22	Influence of microstructure on electrochemical properties of Si/C multilayer thin-film anodes deposited using a sputtering method. Materials Letters, 2015, 160, 210-212.	2.6	9
23	Well-dispersed tin nanoparticles encapsulated in amorphous carbon tubes as high-performance anode for lithium ion batteries. Nanotechnology, 2021, 32, 145402.	2.6	9
24	Supercapacitive properties of MnO2 and underlying kinetics by distribution of relaxation time method. Journal of Power Sources, 2020, 474, 228667.	7.8	8
25	The novel amorphous SnS /RGO anode material with better cycling stability and superior rate performance. Electrochimica Acta, 2019, 305, 394-402.	5.2	7
26	Enhanced supercapacitive properties of hydrohausmannite by in-situ polymerization of polypyrrole. Electrochimica Acta, 2021, 376, 137989.	5.2	7
27	Structure and optical investigation of faceted hexagonal aluminum nitride nanotube arrays. Applied Physics Express, 2014, 7, 065003.	2.4	4
28	3D Flower-Like Hierarchitectures Constructed by SnS/SnS₂Heterostructure Nanosheets for High-Performance Anode Material in Lithium-Ion Batteries. Journal of Nanomaterials, 2015, 2015, 1-5.	2.7	4