

Guo-Qing Zhang

List of Publications by Year in descending order

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32
papers

1,706
citations

516215

16
h-index

454577

30
g-index

33
all docs

33
docs citations

33
times ranked

2910
citing authors

#	ARTICLE	IF	CITATIONS
1	B, O and N Codoped Biomass-Derived Hierarchical Porous Carbon for High-Performance Electrochemical Energy Storage. <i>Nanomaterials</i> , 2022, 12, 1720.	1.9	15
2	FeNb ₂ O ₆ /reduced graphene oxide composites with intercalation pseudo-capacitance enabling ultrahigh energy density for lithium-ion capacitors. <i>RSC Advances</i> , 2021, 11, 32248-32257.	1.7	4
3	Ag/AgBr coupled low crystalline Nb ₂ O ₅ as an effective photocatalyst for the degradation of rhodamine B. <i>Journal of Materials Research</i> , 2020, 35, 1692-1702.	1.2	6
4	Temperature-dependent performance of carbon-based supercapacitors with water-in-salt electrolyte. <i>Journal of Power Sources</i> , 2019, 441, 227220.	4.0	53
5	A Pd nanoparticle anchored on PEDOT-modified MnO_2 nanostructure as a highly stable and efficient cathode catalyst for oxygen reduction reaction. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 909-915.	1.5	3
6	Heteroatom doped porous carbon sheets derived from protein-rich wheat gluten for supercapacitors: The synergistic effect of pore properties and heteroatom on the electrochemical performance in different electrolytes. <i>Journal of Power Sources</i> , 2018, 401, 375-385.	4.0	55
7	Highly hydrophilic ordered mesoporous carbon-organic polymer composite and its applications in direct electrochemistry and the possibility of biosensing1. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 593-601.	1.5	3
8	Preparation of Bi ₂ WO ₆ photocatalyst by high-energy ball milled Bi ₂ O ₃ -WO ₃ mixture. <i>Ceramics International</i> , 2016, 42, 16749-16757.	2.3	16
9	Hierarchically porous and heteroatom doped carbon derived from tobacco rods for supercapacitors. <i>Journal of Power Sources</i> , 2016, 307, 391-400.	4.0	499
10	High Hydrophilic Mesoporous Carbon As Support of Pd Electrocatalyst for Ethanol Oxidation. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
11	Factors Influencing the Growth of Pt Nanowires via Chemical Self-Assembly and their Fuel Cell Performance. <i>Small</i> , 2015, 11, 3377-3386.	5.2	30
12	Electric-field-induced structural and electronic changes and decomposition of an energetic complex: a computational study on zinc carbohydrazide perchlorate crystals. <i>RSC Advances</i> , 2015, 5, 22601-22608.	1.7	9
13	Theoretical study of the correlation between electrostatic hazard and electronic structure for some typical primary explosives. <i>Journal of Molecular Modeling</i> , 2015, 21, 200.	0.8	3
14	Preparation, Characterization and Electrochemical Catalytic Properties of Hollandite Ag ₂ Mn ₈ O ₁₆ for Li-Air Batteries. <i>Journal of the Electrochemical Society</i> , 2012, 159, A310-A314.	1.3	22
15	±-MnO ₂ /Carbon Nanotube/Carbon Nanofiber Composite Catalytic Air Electrodes for Rechargeable Lithium-air Batteries. <i>Journal of the Electrochemical Society</i> , 2011, 158, A822.	1.3	113
16	Preparation, Characterization and Electrochemical Catalytic Properties of Hollandite Ag ₂ Mn ₈ O ₁₆ for Lithium-Air Batteries. <i>ECS Transactions</i> , 2011, 35, 43-46.	0.3	0
17	Preparation of lithium indium oxide via a rheological phase route and its electrochemical characteristics in LiOH and Li ₂ SO ₄ solutions. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 101-105.	0.8	1
18	Lithium-Air Batteries Using SWNT/CNF Buckypapers as Air Electrodes. <i>Journal of the Electrochemical Society</i> , 2010, 157, A953.	1.3	201

#	ARTICLE	IF	CITATIONS
19	Charge-Discharge Mechanisms of Ammonium Vanadium Bronze $\text{NH}_4\text{V}_4\text{O}_{10}$ Nanobelts as Cathode for Lithium-ion Battery. , 2009, , .		0
20	Synthesis of sodium iron silicate($\text{NaFe(III)[SiO}_3\text{]}_2$) nanorods and electrochemical characterization. Materials Letters, 2009, 63, 266-268.	1.3	2
21	Characterization and electrochemical applications of a carbon with high density of surface functional groups produced from beer yeast. Journal of Solid State Electrochemistry, 2009, 13, 887-893.	1.2	23
22	Morphology-dependent electrochemical supercapacitive characteristics of nanostructured manganese dioxide. Journal of Applied Electrochemistry, 2009, 39, 1033-1038.	1.5	19
23	Electrochemical characterization on cobalt sulfide for electrochemical supercapacitors. Electrochemistry Communications, 2007, 9, 1282-1287.	2.3	283
24	Large scale hydrothermal synthesis and electrochemistry of ammonium vanadium bronze nanobelts. Journal of Power Sources, 2006, 157, 528-532.	4.0	61
25	Electrochemical characteristics and impedance spectroscopy studies of nano-cobalt silicate hydroxide for supercapacitor. Journal of Power Sources, 2006, 161, 723-729.	4.0	105
26	Electrochemical characterization on layered lithium ruthenate for electrochemical supercapacitors. Solid State Ionics, 2006, 177, 1335-1339.	1.3	13
27	Self-assembly preparation of mesoporous hollow nanospheric manganese dioxide and its application in zinc-air battery. Journal of Solid State Electrochemistry, 2006, 10, 995-1001.	1.2	18
28	Synthesis and characterization of aniline ando-toluidine conducting copolymer microtubes with the template-synthesis method. Journal of Applied Polymer Science, 2005, 96, 1539-1543.	1.3	10
29	Influence of cation (NH_4^+) on electrochemical characteristics of MnO_2 nanowire synthesized by hydrothermal method. Journal of Solid State Electrochemistry, 2005, 9, 655-659.	1.2	8
30	MnO_2/MCMB electrocatalyst for all solid-state alkaline zinc-air cells. Electrochimica Acta, 2004, 49, 873-877.	2.6	43
31	A new air electrode based on carbon nanotubes and $\text{Ag}^{\delta+}\text{MnO}_2$ for metal air electrochemical cells. Carbon, 2004, 42, 3097-3102.	5.4	54
32	A novel alkaline Zn/ MnO_2 cell with alkaline solid polymer electrolyte. Solid State Ionics, 2003, 160, 155-159.	1.3	33