

zheng Jiao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61

papers

2,720

citations

22

h-index

52

g-index

64

ext. papers

2,953

ext. citations

5.1

avg. IF

4.84

L-index

#	Paper	IF	Citations
61	Photodegradation of Organic Pollutants Via Carbon Nitride/Graphene-Oxide Nanocomposite Loaded on Polyacrylic Acid Hydrogel with Free Separation. <i>Catalysis Surveys From Asia</i> , 2021 , 25, 159-167 ^{2.8}		2
60	Update on volatile organic compound (VOC) source profiles and ozone formation potential in synthetic resins industry in China. <i>Environmental Pollution</i> , 2021 , 291, 118253	9.3	2
59	Human Serum-derived Extracellular Vesicles Protect A549 from PM _{2.5} -induced Cell Apoptosis. <i>Biomedical and Environmental Sciences</i> , 2021 , 34, 40-49	1.1	1
58	Circulating microRNAs in Response to Exercise Training in Healthy Adults. <i>Frontiers in Genetics</i> , 2020 , 11, 256	4.5	13
57	A separation-free and pizza-structure PAM/GCN/PAA composite hydrogel (PCH) in wastewater treatment at visible light or solar light. <i>Science of the Total Environment</i> , 2020 , 705, 135821	10.2	5
56	Efficient sulfuric acid-Vitamin C leaching system: Towards enhanced extraction of cobalt from spent lithium-ion batteries. <i>Journal of Material Cycles and Waste Management</i> , 2019 , 21, 942-949	3.4	22
55	High electrostrictive properties and energy storage performances with excellent thermal stability in Nb-doped BiNaTiO ₃ -based ceramics.. <i>RSC Advances</i> , 2019 , 9, 21355-21362	3.7	22
54	A Citric Acid/Na ₂ S ₂ O ₃ System for the Efficient Leaching of Valuable Metals from Spent Lithium-Ion Batteries. <i>Jom</i> , 2019 , 71, 3673-3681	2.1	9
53	SGK1 inhibits PM _{2.5} -induced apoptosis and oxidative stress in human lung alveolar epithelial A549 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 496, 1291-1295	3.4	13
52	Rosiglitazone inhibits PM _{2.5} -induced cytotoxicity in human lung epithelial A549 cells. <i>Annals of Translational Medicine</i> , 2018 , 6, 152	3.2	9
51	miR-486 inhibits PM _{2.5} -induced apoptosis and oxidative stress in human lung alveolar epithelial A549 cells. <i>Annals of Translational Medicine</i> , 2018 , 6, 209	3.2	38
50	The Transformation of Hybrid Silica Nanoparticles from Solid to Hollow or Yolk-Shell Nanostructures. <i>Chemistry - A European Journal</i> , 2017 , 23, 8066-8072	4.8	7
49	Surfactant-assisted selective etching strategy for generation of rattle-like mesoporous silica nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 497-504	9.3	20
48	Flower-like C@SnO ₂ @C hollow nanostructures with enhanced electrochemical properties for lithium storage. <i>Nano Research</i> , 2017 , 10, 2966-2976	10	33
47	Porous aromatic frameworks of co-cured diethynylbenzene (DEB) and vinyltrimethoxysilane (VTMS) with good thermo-oxidative stability. <i>Iranian Polymer Journal (English Edition)</i> , 2017 , 26, 413-421 ^{2.3}		1
46	Three-Dimensional Interconnected Spherical Graphene Framework/SnS Nanocomposite for Anode Material with Superior Lithium Storage Performance: Complete Reversibility of LIS. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1407-1415	9.5	86
45	Construction of point-line-plane (0-1-2 dimensional) Fe ₂ O ₃ -SnO ₂ /graphene hybrids as the anodes with excellent lithium storage capability. <i>Nano Research</i> , 2017 , 10, 121-133	10	33

44	Three-Dimensional Molybdenum Disulfide Nanoflowers Decorated on Graphene Nanosheets for High-Performance Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2016 , 3, 1503-1512	4.3	18
43	A simple, rapid, one-step approach for preparation of Ag@TiO ₂ nanospheres with multiple cores as effective catalyst. <i>RSC Advances</i> , 2016 , 6, 99878-99884	3.7	3
42	Two physical strategies to reinforce a nonmetallic photocatalyst, g-C ₃ N ₄ : vacuum heating and electron beam irradiation. <i>RSC Advances</i> , 2016 , 6, 14002-14008	3.7	7
41	Formation of mesoporous silica nanoparticles with tunable pore structure as promising nanoreactor and drug delivery vehicle. <i>RSC Advances</i> , 2016 , 6, 13303-13311	3.7	17
40	Controllable synthesis of rod-like SnO ₂ nanoparticles with tunable length anchored onto graphene nanosheets for improved lithium storage capability. <i>RSC Advances</i> , 2016 , 6, 4116-4127	3.7	13
39	Preparation of flower-like ZnO architectures assembled with nanosheets for enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2016 , 462, 9-18	9.3	95
38	Glucosamine-induced growth of highly distributed TiO ₂ nanoparticles on graphene nanosheets as high-performance photocatalysts. <i>RSC Advances</i> , 2016 , 6, 67039-67048	3.7	6
37	Dual-templating synthesis of multi-shelled mesoporous silica nanoparticles as catalyst and drug carrier. <i>Microporous and Mesoporous Materials</i> , 2016 , 228, 318-328	5.3	30
36	Investigation on the laser ablation of SiC ceramics using micro-Raman mapping technique. <i>Journal of Advanced Ceramics</i> , 2016 , 5, 253-261	10.7	23
35	Intergrown SnO ₂ /TiO ₂ @graphene ternary composite as high-performance lithium-ion battery anodes. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	14
34	Self-assembly and template-free synthesis of ZnO hierarchical nanostructures and their photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , 2015 , 448, 367-73	9.3	43
33	Enhanced Interactions between Gold and MnO ₂ Nanowires for Water Oxidation: A Comparison of Different Chemical and Physical Preparation Methods. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2049-2057	8.3	31
32	A soft-hard template approach towards hollow mesoporous silica nanoparticles with rough surfaces for controlled drug delivery and protein adsorption. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6480-6489	7.3	75
31	Carbon-mediated fabrication of core-shell structured SnO ₂ @TiO ₂ nanocomposites with excellent photocatalytic performance. <i>RSC Advances</i> , 2015 , 5, 58439-58448	3.7	12
30	A facile route for rapid synthesis of hollow mesoporous silica nanoparticles as pH-responsive delivery carrier. <i>Journal of Colloid and Interface Science</i> , 2015 , 451, 101-7	9.3	44
29	One-step synthesis of high conductivity silver nanoparticle-reduced graphene oxide composite films by electron beam irradiation. <i>Applied Surface Science</i> , 2015 , 349, 570-575	6.7	26
28	A novel Fe ₂ O ₃ rhombohedra/graphene composite as a high stability electrode for lithium-ion batteries. <i>Journal of Materials Research</i> , 2015 , 30, 761-769	2.5	5
27	Efficient one-pot synthesis of peapod-like hollow carbon nanomaterials for ultrahigh drug loading capacity. <i>Journal of Colloid and Interface Science</i> , 2015 , 437, 90-96	9.3	8

26	Vacuum-Treated Mo,S-Doped TiO ₂ :Gd Mesoporous Nanospheres: An Improved Visible-Light Photocatalyst. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2895-2900	2.3	2
25	Radiolysis and photolysis studies on active transient species of berberine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 124, 670-6	4.4	3
24	Template-free fabrication of rattle-type TiO ₂ hollow microspheres with superior photocatalytic performance. <i>RSC Advances</i> , 2014 , 4, 37311	3.7	11
23	Fractal Germanium Patterns: Annealing Strategies and Perspectives of Metal-Induced Crystallization. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2014 , 39, 368-390	10.1	0
22	Geodesics on Point Clouds. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-12	1.1	6
21	In situ chemical synthesis of SnO ₂ /reduced graphene oxide nanocomposites as anode materials for lithium-ion batteries. <i>Journal of Materials Research</i> , 2014 , 29, 617-624	2.5	15
20	Synthesis of nanoparticles, nanorods, and mesoporous SnO ₂ as anode materials for lithium-ion batteries. <i>Journal of Materials Research</i> , 2014 , 29, 609-616	2.5	16
19	Nanorod-like Fe ₂ O ₃ /graphene composite as a high-performance anode material for lithium ion batteries. <i>Journal of Applied Electrochemistry</i> , 2014 , 44, 53-60	2.6	44
18	Hierarchical self-assembly of microscale leaf-like CuO on graphene sheets for high-performance electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 367-373	13	156
17	Chemical lithiation route to size-controllable LiFePO ₄ /C nanocomposite. <i>Journal of Applied Electrochemistry</i> , 2013 , 43, 611-617	2.6	7
16	Synthesis of porous Li ₂ MnO ₃ -LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ nanoplates via colloidal crystal template. <i>Journal of Materials Research</i> , 2013 , 28, 1505-1511	2.5	8
15	A novel graphene modified LiMnPO ₄ as a performance-improved cathode material for lithium-ion batteries. <i>Journal of Materials Research</i> , 2013 , 28, 2584-2589	2.5	13
14	Surfactant-free solution phase synthesis of monodispersed SnO ₂ hierarchical nanostructures and gas sensing properties. <i>CrystEngComm</i> , 2012 , 14, 3169	3.3	56
13	Self-assembly fabrication of 3D flower-like ZnO hierarchical nanostructures and their gas sensing properties. <i>CrystEngComm</i> , 2012 , 14, 1775	3.3	190
12	Porous TiO ₂ hollow nanospheres: synthesis, characterization and enhanced photocatalytic properties. <i>CrystEngComm</i> , 2012 , 14, 3793	3.3	61
11	Photocatalytic Degradation of 4-Bromodiphenyl Ether Using TiO ₂ /MWCNTs Composites 2012 ,		1
10	Monolayer graphene/NiO nanosheets with two-dimension structure for supercapacitors. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18792		277
9	Self-assembly of novel core/shell structured blue fluorescent silica nanoparticles. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e262-3	11.7	1

8	A facile one-step synthesis of TiO ₂ /graphene composites for photodegradation of methyl orange. <i>Nano Research</i> , 2011 , 4, 274-283	10	165
7	Degradation characteristic of 4-bromdiphenyl ether in mixed solutions by electron beam irradiation. <i>Journal of Shanghai University</i> , 2010 , 14, 89-93		
6	Noise-induced cooperative dynamics and its control in coupled electrochemical models. <i>Journal of Shanghai University</i> , 2010 , 14, 241-245		
5	AFM fabrication and characterization of nanoscale Al ₂ O ₃ patterns. <i>Journal of Materials Science: Materials in Electronics</i> , 2009 , 20, 177-180	2.1	6
4	Li Storage Properties of Disordered Graphene Nanosheets. <i>Chemistry of Materials</i> , 2009 , 21, 3136-3142	9.6	879
3	Preparation of PbSe nanoparticles by electron beam irradiation method. <i>Bulletin of Materials Science</i> , 2008 , 31, 825-829	1.7	7
2	Mineralogy of Inhalable Particulate Matter (PM ₁₀) in the Atmosphere of Beijing, China. <i>Water, Air, and Soil Pollution</i> , 2007 , 186, 129-137	2.6	8
1	A mineralogical study of the inhalable particulate matter (PM ₁₀) in Beijing urban air. <i>Diqiu Huaxue</i> , 2006 , 25, 2-2		1