

Feng Zhang

List of Publications by Year in descending order

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55
papers

2,013
citations

331538

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243529

44
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docs citations

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times ranked

3203
citing authors

#	ARTICLE	IF	CITATIONS
1	From metal-organic framework (MOF) to MOF-polymer composite membrane: enhancement of low-humidity proton conductivity. <i>Chemical Science</i> , 2013, 4, 983-992.	3.7	329
2	Hydrogen Selective NH ₂ -MIL-53(Al) MOF Membranes with High Permeability. <i>Advanced Functional Materials</i> , 2012, 22, 3583-3590.	7.8	254
3	Hierarchical porous carbon derived from rice straw for lithium ion batteries with high-rate performance. <i>Electrochemistry Communications</i> , 2009, 11, 130-133.	2.3	218
4	In situ growth of continuous thin metal-organic framework film for capacitive humidity sensing. <i>Journal of Materials Chemistry</i> , 2011, 21, 3775.	6.7	145
5	Microwave-assisted crystallization inclusion of spiropyran molecules in indium trimesate films with antidromic reversible photochromism. <i>Journal of Materials Chemistry</i> , 2012, 22, 25019.	6.7	77
6	Preparation and gas storage of high surface area microporous carbon derived from biomass source cornstalks. <i>Bioresource Technology</i> , 2008, 99, 4803-4808.	4.8	76
7	Challenging fabrication of hollow ceramic fiber supported Cu ₃ (BTC) ₂ membrane for hydrogen separation. <i>Journal of Materials Chemistry</i> , 2012, 22, 10322.	6.7	75
8	A simple and convenient fluorescent strategy for the highly sensitive detection of dopamine and ascorbic acid based on graphene quantum dots. <i>Talanta</i> , 2018, 189, 190-195.	2.9	62
9	Superior electrode performance of mesoporous hollow TiO ₂ microspheres through efficient hierarchical nanostructures. <i>Journal of Power Sources</i> , 2011, 196, 8618-8624.	4.0	52
10	Effects of raw material texture and activation manner on surface area of porous carbons derived from biomass resources. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 108-114.	5.0	37
11	A molybdenum disulfide quantum dots-based ratiometric fluorescence strategy for sensitive detection of epinephrine and ascorbic acid. <i>Analytica Chimica Acta</i> , 2019, 1089, 123-130.	2.6	36
12	A ulva lactuca-derived porous carbon for high-performance electrode materials in supercapacitor: Synergistic effect of porous structure and graphitization degree. <i>Journal of Energy Storage</i> , 2021, 33, 102132.	3.9	35
13	Growth of preferential orientation of MIL-53(Al) film as nano-assembler. <i>CrystEngComm</i> , 2012, 14, 5487.	1.3	30
14	In situ preparation of uniform Ag NPs onto multifunctional Fe ₃ O ₄ @SN/HPW@CG towards efficient reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2014, 38, 3999-4006.	1.4	30
15	Facile fabrication of metal-organic framework films promoted by colloidal seeds on various substrates. <i>CrystEngComm</i> , 2010, 12, 352-354.	1.3	28
16	Synthesis of SnO ₂ hollow nanostructures with controlled interior structures through a template-assisted hydrothermal route. <i>Dalton Transactions</i> , 2011, 40, 8517.	1.6	25
17	Ratiometric fluorescence system for pH sensing and urea detection based on MoS ₂ quantum dots and 2, 3-diaminophenazine. <i>Analytica Chimica Acta</i> , 2019, 1077, 200-207.	2.6	25
18	<i>Caldicellulosiruptor changbaiensis</i> sp. nov., a cellulolytic and hydrogen-producing bacterium from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 293-297.	0.8	24

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19	Preparation of superhydrophobic materials for oil/water separation and oil absorption using PMHSâ€“TEOS-derived xerogel and polystyrene. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 385-393.	1.1	23
20	Ethanol Recovery from Water Using Silicaliteâ€“1 Membrane: An Operando Infrared Spectroscopic Study. <i>ChemPlusChem</i> , 2012, 77, 437-444.	1.3	22
21	Fabrication of nest-like TiO ₂ hollow microspheres and its application for lithium ion batteries with high-rate performance. <i>Electrochimica Acta</i> , 2017, 243, 112-118.	2.6	21
22	One-pot synthesis of porous g-C ₃ N ₄ nanomaterials with different morphologies and their superior photocatalytic performance. <i>Materials Research Bulletin</i> , 2018, 102, 209-217.	2.7	21
23	Fe ₃ O ₄ NP@ZIF-8/MoS ₂ QD-based electrochemiluminescence with nanosurface energy transfer strategy for point-of-care determination of ATP. <i>Analytica Chimica Acta</i> , 2020, 1127, 190-197.	2.6	21
24	An enzymatic ratiometric fluorescence assay for 6-mercaptopurine by using MoS ₂ quantum dots. <i>Mikrochimica Acta</i> , 2018, 185, 540.	2.5	20
25	Removal of methylene blue over low-cost mesoporous silica nanoparticles prepared with naturally occurring diatomite. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 541-550.	1.1	20
26	Redox reaction-modulated fluorescence biosensor for ascorbic acid oxidase assay by using MoS ₂ quantum dots as fluorescence probe. <i>Talanta</i> , 2021, 222, 121522.	2.9	20
27	Fabrication of highly-stable Ag/CA@GTA hydrogel beads and their catalytic application. <i>RSC Advances</i> , 2014, 4, 60460-60466.	1.7	19
28	Effects of primary nanobuilding blocks on the photocatalytic performance of TiO ₂ hierarchical hollow microspheres. <i>Journal of Alloys and Compounds</i> , 2019, 773, 352-360.	2.8	19
29	Nest-like Î±-SnWO ₄ nanostructures assembled by nanowires: Facile synthesis and their superior photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2019, 802, 502-510.	2.8	15
30	Enhanced metalâ€“support interactions between Pd NPs and ZrSBA-15 for efficient aerobic benzyl alcohol oxidation. <i>RSC Advances</i> , 2016, 6, 70424-70432.	1.7	14
31	Facile synthesis of three-dimensional porous carbon sheets from a water-soluble biomass source sodium alginate for lithium ion batteries. <i>Materials Research Bulletin</i> , 2016, 83, 590-596.	2.7	14
32	Synergetic effect of Li doping and Ag deposition for enhanced visible light photocatalytic performance of g-C ₃ N ₄ . <i>Materials Research Bulletin</i> , 2017, 86, 72-79.	2.7	14
33	Facile synthesis of porous anatase TiO ₂ nanomaterials with the assistance of biomass resource for lithium ion batteries with high-rate performance. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 145, 109552.	1.9	14
34	Synthesis, structures and photoluminescence of two Er(III) coordination polymers. <i>Journal of Coordination Chemistry</i> , 2008, 61, 945-955.	0.8	13
35	PMHS-reduced fabrication of hollow Agâ€“SiO ₂ composite spheres with developed porosity. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 75, 82-89.	1.1	13
36	Ball milling-assisted synthesis and electrochemical performance of porous carbon with controlled morphology and graphitization degree for supercapacitors. <i>Journal of Energy Storage</i> , 2021, 38, 102496.	3.9	13

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37	Controlled synthesis of rod-like three-dimensional NiS ₂ /graphene nanostructures from metal complexes and their application in supercapacitor electrodes. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 167, 110716.	1.9	13
38	Fabrication of zeolite MFI membranes supported by Al_2O_3 hollow ceramic fibers for CO ₂ separation. <i>Journal of Materials Research</i> , 2013, 28, 1870-1876.	1.2	12
39	Oxygen-containing/amino groups bifunctionalized SBA-15 toward efficient removal of methylene blue: kinetics, isotherm and mechanism analysis. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 320-331.	1.1	11
40	Synthesis of iron-fluoride materials with controlled nanostructures and composition through a template-free solvothermal route for lithium ion batteries. <i>New Journal of Chemistry</i> , 2018, 42, 9091-9097.	1.4	10
41	Effects of raw materials on the structures of three dimensional graphene/amorphous carbon composites derived from biomass resources. <i>Research on Chemical Intermediates</i> , 2019, 45, 1131-1145.	1.3	10
42	A ratiometric fluorescence strategy based on polyethyleneimine surface-modified carbon dots and Eosin Y for the ultrasensitive determination of protamine and trypsin. <i>Analyst</i> , 2022, 147, 677-684.	1.7	10
43	Facile synthesis of carbon nanoparticles/graphene composites derived from biomass resources and their application in lithium ion batteries. <i>RSC Advances</i> , 2016, 6, 79366-79371.	1.7	9
44	Interplay between zirconium addition and morphology/catalytic performance of HPW/PEHA/SBA-15 composites towards selective oxidation of benzyl alcohol. <i>Journal of Porous Materials</i> , 2015, 22, 997-1008.	1.3	8
45	Green synthesis of magnetic core-shell Fe ₃ O ₄ @Ag towards efficient reduction of 4-nitrophenol. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 299-305.	1.1	8
46	Porous carbon microspheres with controlled porosity and graphitization degree for high-performance supercapacitor. <i>Journal of Electroanalytical Chemistry</i> , 2022, 918, 116449.	1.9	8
47	Correlation between pore-expanding and dye adsorption of platelet C/SBA-15 prepared by carbonization and oxidation of P123-TMB/SBA-15 composites. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 70, 451-463.	1.1	7
48	Controlled synthesis of three dimensional hierarchical graphene nanostructures from metal complexes as an anode material for lithium-ion batteries. <i>CrystEngComm</i> , 2020, 22, 3608-3617.	1.3	7
49	An efficient and convenient procedure for the synthesis of 2-alkyl-2-alkoxy-1,2-di(furan-2-yl)ethanone under ultrasound in the presence of solid-liquid phase transfer catalysis conditions. <i>Ultrasonics Sonochemistry</i> , 2007, 14, 493-496.	3.8	6
50	Li ₃ V ₂ (PO ₄) ₃ particles embedded in porous N-doped carbon as high-rate and long-life cathode material for Li-ion batteries. <i>RSC Advances</i> , 2015, 5, 78209-78214.	1.7	6
51	Hierarchical porous carbons derived from ionically-crosslinked alginates for lithium-ion batteries with superior electrochemical performance. <i>Journal of Porous Materials</i> , 2019, 26, 987-993.	1.3	4
52	Facile synthesis of three-dimensional porous graphene nanostructures from coordination complexes for supercapacitor electrode. <i>Advanced Powder Technology</i> , 2020, 31, 4157-4165.	2.0	4
53	The effects of anions on the structure and the electrochemical performance of carbon materials for supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 150, 109847.	1.9	4
54	PVP-assisted synthesis of raspberry-like composite particles. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 228-238.	1.1	2

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55	Facile Synthesis of MIL-68(In) Films with Controllable Morphology. European Journal of Inorganic Chemistry, 2012, 2012, 0-0.	1.0	0