

Feng Zhang

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54
papers

1,580
citations

18
h-index

39
g-index

56
ext. papers

1,820
ext. citations

4.8
avg. IF

4.56
L-index

#	Paper	IF	Citations
54	From metalorganic framework (MOF) to MOF/polymer composite membrane: enhancement of low-humidity proton conductivity. <i>Chemical Science</i> , 2013 , 4, 983-992	9.4	277
53	Hydrogen Selective NH ₂ -MIL-53(Al) MOF Membranes with High Permeability. <i>Advanced Functional Materials</i> , 2012 , 22, 3583-3590	15.6	201
52	Hierarchical porous carbon derived from rice straw for lithium ion batteries with high-rate performance. <i>Electrochemistry Communications</i> , 2009 , 11, 130-133	5.1	192
51	In situ growth of continuous thin metalorganic framework film for capacitive humidity sensing. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3775		124
50	Preparation and gas storage of high surface area microporous carbon derived from biomass source cornstalks. <i>Bioresource Technology</i> , 2008 , 99, 4803-8	11	69
49	Challenging fabrication of hollow ceramic fiber supported Cu ₃ (BTC) ₂ membrane for hydrogen separation. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10322		63
48	Microwave-assisted crystallization inclusion of spiropyran molecules in indium trimesate films with antidromic reversible photochromism. <i>Journal of Materials Chemistry</i> , 2012 , 22, 25019		60
47	Superior electrode performance of mesoporous hollow TiO ₂ microspheres through efficient hierarchical nanostructures. <i>Journal of Power Sources</i> , 2011 , 196, 8618-8624	8.9	50
46	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	6.2	48
45	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, 108-14	9.3	29
44	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	3.6	26
43	Facile fabrication of metalorganic framework films promoted by colloidal seeds on various substrates. <i>CrystEngComm</i> , 2010 , 12, 352-354	3.3	26
42	Growth of preferential orientation of MIL-53(Al) film as nano-assembler. <i>CrystEngComm</i> , 2012 , 14, 5487	3.3	24
41	Synthesis of SnO ₂ hollow nanostructures with controlled interior structures through a template-assisted hydrothermal route. <i>Dalton Transactions</i> , 2011 , 40, 8517-9	4.3	24
40	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	6.6	21
39	Preparation of superhydrophobic materials for oil/water separation and oil absorption using PMHS/TEOS-derived xerogel and polystyrene. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 385-393	3.3	20
38	Ethanol Recovery from Water Using Silicalite-1 Membrane: An Operando Infrared Spectroscopic Study. <i>ChemPlusChem</i> , 2012 , 77, 437-444	2.8	20

37	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	6.7	19
36	Ratiometric fluorescence system for pH sensing and urea detection based on MoS quantum dots and 2, 3-diaminophenazine. <i>Analytica Chimica Acta</i> , 2019 , 1077, 200-207	6.6	17
35	Fabrication of highly-stable Ag/CA@GTA hydrogel beads and their catalytic application. <i>RSC Advances</i> , 2014 , 4, 60460-60466	3.7	17
34	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	5.7	15
33	<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	2.2	14
32	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	5.1	13
31	Enhanced metal-support interactions between Pd NPs and ZrSBA-15 for efficient aerobic benzyl alcohol oxidation. <i>RSC Advances</i> , 2016 , 6, 70424-70432	3.7	13
30	An enzymatic ratiometric fluorescence assay for 6-mercaptopurine by using MoS quantum dots. <i>Mikrochimica Acta</i> , 2018 , 185, 540	5.8	13
29	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	5.1	12
28	Synthesis, structures and photoluminescence of two Er(III) coordination polymers. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 945-955	1.6	12
27	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	5.1	11
26	Fabrication of zeolite MFI membranes supported by Al ₂ O ₃ hollow ceramic fibers for CO ₂ separation. <i>Journal of Materials Research</i> , 2013 , 28, 1870-1876	2.5	11
25	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	7.8	11
24	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	2.3	11
23	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	2.3	10
22	Nest-like SnWO ₄ nanostructures assembled by nanowires: Facile synthesis and their superior photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2019 , 802, 502-510	5.7	9
21	FeO NP@ZIF-8/MoS QD-based electrochemiluminescence with nanosurface energy transfer strategy for point-of-care determination of ATP. <i>Analytica Chimica Acta</i> , 2020 , 1127, 190-197	6.6	9
20	Green-synthesis of magnetic core-shell Fe ₃ O ₄ @SnAg towards efficient reduction of 4-nitrophenol. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 73, 299-305	2.3	8

19	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	3.9	8
18	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	2.4	7
17	PMHS-reduced fabrication of hollow Ag ₂ SiO ₂ composite spheres with developed porosity. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 75, 82-89	2.3	7
16	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	2.8	7
15	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	3.7	6
14	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	2.3	6
13	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	8.9	6
12	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	3.3	6
11	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	3.6	5
10	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	3.7	5
9	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	6.2	5
8	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	7.8	4
7	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	2.4	3
6	Facile synthesis of three-dimensional porous graphene nanostructures from coordination complexes for supercapacitor electrode. <i>Advanced Powder Technology</i> , 2020 , 31, 4157-4165	4.6	2
5	PVP-assisted synthesis of raspberry-like composite particles. <i>Journal of Sol-Gel Science and Technology</i> , 2016 , 78, 228-238	2.3	2
4	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	3.9	2
3	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 , 110716	3.9	0
2	Porous carbon microspheres with controlled porosity and graphitization degree for high-performance supercapacitor. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 116449	4.1	0

- 1 Facile Synthesis of MIL-68(In) Films with Controllable Morphology. *European Journal of Inorganic Chemistry*, **2012**, 2012, 0-0 2.3