

# Zhen Fang

## List of Publications by Year in descending order

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85  
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172207  
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#	ARTICLE	IF	CITATIONS
1	Rational nanostructured FeSe <sub>2</sub> wrapped in nitrogen-doped carbon shell for high-rate capability and long cycling sodium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 840-848.	5.0	19
2	MoS <sub>2</sub> encapsulated in three-dimensional hollow carbon frameworks for stable anode of sodium ion batteries. <i>CrystEngComm</i> , 2021, 23, 5214-5225.	1.3	5
3	In Situ Growth of Ni-Based Metal-Organic Framework Nanosheets on Carbon Nanotube Films for Efficient Oxygen Evolution Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 3439-3446.	1.9	19
4	Fixing Cu <sub>7</sub> S <sub>4</sub> nanocrystals on flexible carbon nanotube film for distinguished sodium storage performance. <i>Chemical Engineering Journal</i> , 2021, 418, 129489.	6.6	21
5	Efficient electrocatalytic water splitting by bimetallic cobalt iron boride nanoparticles with controlled electronic structure. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 650-659.	5.0	32
6	Self-assembled multifunctional Fe <sub>3</sub> O <sub>4</sub> hierarchical microspheres: high-efficiency lithium-ion battery materials and hydrogenation catalysts. <i>Science China Materials</i> , 2021, 64, 1058-1070.	3.5	9
7	Co-Salen Complex-Derived CoP Nanoparticles Confined in N-Doped Carbon Microspheres for Stable Sodium Storage. <i>Inorganic Chemistry</i> , 2021, 60, 17151-17160.	1.9	8
8	Unambiguous Discrimination of Multiple Protein Biomarkers by Nanopore Sensing with Double-Stranded DNA-Based Probes. <i>Analytical Chemistry</i> , 2020, 92, 1730-1737.	3.2	21
9	Spindle-shaped FeS <sub>2</sub> enwrapped with N/S Co-doped carbon for high-rate sodium storage. <i>Journal of Power Sources</i> , 2020, 450, 227688.	4.0	33
10	Cooperative Capture of Uranyl Ions by a Carbonyl-Bearing Hierarchical Porous Cu-Organic Framework. <i>Angewandte Chemie</i> , 2019, 131, 18984-18988.	1.6	6
11	Cooperative Capture of Uranyl Ions by a Carbonyl-Bearing Hierarchical Porous Cu-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18808-18812.	7.2	42
12	CoTe nanorods/rGO composites as a potential anode material for sodium-ion storage. <i>Electrochimica Acta</i> , 2019, 313, 331-340.	2.6	40
13	Ultrafine Co <sub>1-x</sub> S Attached to Porous Interconnected Carbon Skeleton for Sodium-Ion Batteries. <i>Langmuir</i> , 2019, 35, 16487-16495.	1.6	28
14	Mo-doped Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @C composites for high stable sodium ion battery cathode. <i>Frontiers of Materials Science</i> , 2018, 12, 53-63.	1.1	25
15	One-step synthesis of Fe <sub>2</sub> O <sub>3</sub> as promising anode materials for high performance lithium-ion batteries. <i>Materials Research Express</i> , 2018, 5, 025502.	0.8	8
16	Dual function flower-like CoP/C nanosheets: High stability lithium-ion anode and excellent hydrogen evolution reaction catalyst. <i>Electrochimica Acta</i> , 2018, 259, 822-829.	2.6	45
17	The synthesis of ZnS@MoS <sub>2</sub> hollow polyhedrons for enhanced lithium storage performance. <i>CrystEngComm</i> , 2018, 20, 7266-7274.	1.3	34
18	Controllable synthesis and photoreduction performance towards Cr(VI) of BiOCl microrods with exposed (110) crystal facets. <i>New Journal of Chemistry</i> , 2018, 42, 16911-16918.	1.4	29

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19	Heterostructure CoS/NC@MoS <sub>2</sub> Hollow Spheres for High-Performance Hydrogen Evolution Reactions and Lithium-ion Batteries. ChemElectroChem, 2018, 5, 3953-3960.	1.7	41
20	Free-radical reaction synthesis of carbon using nitrogenous organic molecules and CCl <sub>4</sub> . New Journal of Chemistry, 2018, 42, 17407-17411.	1.4	1
21	CoP nanoparticles enwrapped in N-doped carbon nanotubes for high performance lithium-ion battery anodes. Frontiers of Materials Science, 2018, 12, 214-224.	1.1	12
22	Ultrathin Nanosheets Assembled Hierarchical Co/NiS <sub>x</sub> @C Hollow Spheres for Reversible Lithium Storage. ACS Applied Nano Materials, 2018, 1, 3435-3445.	2.4	21
23	Carbon Wrapped Monodispersed FeP Nanoparticles for Lithium Storage with long Cycle Life. Energy Technology, 2018, 6, 2312-2318.	1.8	8
24	Size-controlled synthesis and electrochemical performance of porous Fe <sub>2</sub> O <sub>3</sub> /SnO <sub>2</sub> nanocubes as an anode material for lithium ion batteries. CrystEngComm, 2017, 19, 708-715.	1.3	25
25	Enhancement of Electrochemical Performance by the Oxygen Vacancies in Hematite as Anode Material for Lithium-Ion Batteries. Nanoscale Research Letters, 2017, 12, 13.	3.1	37
26	Amorphous Ge/C Composite Sponges: Synthesis and Application in a High-Rate Anode for Lithium Ion Batteries. Langmuir, 2017, 33, 2141-2147.	1.6	35
27	In Situ Formation of Co <sub>9</sub> S <sub>8</sub> /N@C Hollow Nanospheres by Pyrolysis and Sulfurization of ZIF-67 for High-Performance Lithium-ion Batteries. Chemistry - A European Journal, 2017, 23, 9438-9438.	1.7	3
28	In Situ Formation of Co <sub>9</sub> S <sub>8</sub> /N@C Hollow Nanospheres by Pyrolysis and Sulfurization of ZIF-67 for High-Performance Lithium-ion Batteries. Chemistry - A European Journal, 2017, 23, 9517-9524.	1.7	119
29	Thickness-dependent photoelectrochemical property of tin disulphide nanosheets. Micro and Nano Letters, 2017, 12, 344-346.	0.6	3
30	Enhancement of the catalytic efficiency and thermostability of <i>S. tentrophomonas</i> sp. keratinase KerSMD by domain exchange with KerSMF. Microbial Biotechnology, 2016, 9, 35-46.	2.0	44
31	Improved catalytic efficiency, thermophilicity, anti-salt and detergent tolerance of keratinase KerSMD by partially truncation of PPC domain. Scientific Reports, 2016, 6, 27953.	1.6	25
32	Excellent lithium ion storage property of porous MnCo <sub>2</sub> O <sub>4</sub> nanorods. RSC Advances, 2016, 6, 23074-23084.	1.7	38
33	Size-controllable synthesis of amorphous GeO <sub>x</sub> hollow spheres and their lithium-storage electrochemical properties. RSC Advances, 2016, 6, 15952-15959.	1.7	17
34	Chemical and biological insights into uranium-induced apoptosis of rat hepatic cell line. Radiation and Environmental Biophysics, 2015, 54, 207-216.	0.6	22
35	Ammonia cation-assisted bubble template for synthesizing hollow TiO <sub>2</sub> nanospheres and their application in lithium ion storage. RSC Advances, 2015, 5, 12224-12229.	1.7	10
36	Low cost visible light driven plasmonic Ag@AgBr/BiVO <sub>4</sub> system: fabrication and application as an efficient photocatalyst. RSC Advances, 2015, 5, 39651-39656.	1.7	15

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37	Ge@C core-shell nanostructures for improved anode rate performance in lithium-ion batteries. RSC Advances, 2015, 5, 17070-17075.	1.7	23
38	Insight into the substrate specificity of keratinase KerSMD from <i>Stenotrophomonas maltophilia</i> by site-directed mutagenesis studies in the S1 pocket. RSC Advances, 2015, 5, 74953-74960.	1.7	27
39	Metal organic framework derived magnetically separable 3-dimensional hierarchical Ni@C nanocomposites: Synthesis and adsorption properties. Applied Surface Science, 2015, 359, 834-840.	3.1	32
40	3D hollow framework of GeO <sub>x</sub> with ultrathin shell for improved anode performance in lithium-ion batteries. Electrochimica Acta, 2015, 151, 453-458.	2.6	18
41	Wogonin Prevents Rat Dorsal Root Ganglion Neurons Death via Inhibiting Tunicamycin-Induced ER Stress In Vitro. Cellular and Molecular Neurobiology, 2015, 35, 389-398.	1.7	14
42	Mechanical Properties, Electronic Structures, and Potential Applications in Lithium Ion Batteries: A First-Principles Study toward SnSe <sub>2</sub> Nanotubes. Journal of Physical Chemistry C, 2014, 118, 28291-28298.	1.5	37
43	Width- and edge-dependent magnetic properties, electronic structures, and stability of SnSe <sub>2</sub> nanoribbons. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 59, 102-106.	1.3	13
44	Mesocrystal precursor transformation strategy for synthesizing ordered hierarchical hollow TiO <sub>2</sub> nanobricks with enhanced photocatalytic property. CrystEngComm, 2014, 16, 2061.	1.3	24
45	Fabrication of a Visible-Light-Driven Plasmonic Photocatalyst of AgVO <sub>3</sub> @AgBr@Ag Nanobelt Heterostructures. ACS Applied Materials & Interfaces, 2014, 6, 5061-5068.	4.0	99
46	One-pot facile synthesis of reusable tremella-like M <sub>1</sub> @M <sub>2</sub> @M <sub>1</sub> (OH) <sub>2</sub> (M <sub>1</sub> = Co, Ni) catalysts. Nanoscale, 2014, 6, 9791.	2.8	28
47	The enhanced photoelectrochemical response of SnSe <sub>2</sub> nanosheets. CrystEngComm, 2014, 16, 2404.	1.3	68
48	Biodegradation of wool waste and keratinase production in scale-up fermenter with different strategies by <i>Stenotrophomonas maltophilia</i> BBE11-1. Bioresource Technology, 2013, 140, 286-291.	4.8	73
49	Layered iron orthovanadate microrods as cathode for lithium ion batteries with enhanced cycle performance. Materials Research Bulletin, 2013, 48, 1737-1740.	2.7	10
50	Facile synthesis of size-tunable Cu <sub>39</sub> S <sub>28</sub> micro/nano-crystals and small-sized configuration enhanced visible-light photocatalytic activity. CrystEngComm, 2013, 15, 5792.	1.3	15
51	Uniform hierarchical SnS microspheres: Solvothermal synthesis and lithium ion storage performance. Materials Research Bulletin, 2013, 48, 4935-4941.	2.7	15
52	An enzymatic glucose biosensor based on a glassy carbon electrode modified with manganese dioxide nanowires. Mikrochimica Acta, 2013, 180, 627-633.	2.5	40
53	Phase Evolution of Cu <sub>2</sub> S System in Ethylene Glycol Solution: the Effect of Anion and PVP on the Transformation of Thiourea. Chinese Journal of Chemistry, 2013, 31, 1015-1021.	2.6	15
54	Ethylenediamine inducing growth of {100} facets exposed PbS nanosheets. Crystal Research and Technology, 2012, 47, 635-642.	0.6	12

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55	Cu <sub>2</sub> O@Au nanocomposites for enzyme-free glucose sensing with enhanced performances. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 95, 279-283.	2.5	24
56	One-pot protocol for the synthesis of PbS@Au heterodimers consisting of Au nanoparticle on PbS nanooctahedrons. <i>Micro and Nano Letters</i> , 2012, 7, 101.	0.6	3
57	Dynamic isomers engaged fabrication of copper sulfide rattle-type structures and their optoelectronic properties. <i>CrystEngComm</i> , 2011, 13, 5653.	1.3	17
58	Epitaxial Growth of CdS Nanoparticle on Bi <sub>2</sub> S <sub>3</sub> Nanowire and Photocatalytic Application of the Heterostructure. <i>Journal of Physical Chemistry C</i> , 2011, 115, 13968-13976.	1.5	149
59	Photochemical synthesis and photocatalysis application of ZnS/amorphous carbon nanotubes composites. <i>Frontiers of Optoelectronics in China</i> , 2011, 4, 121-127.	0.2	14
60	Fabrication of hierarchical CdS microspheres assembled by nanowires: solid state electro-chemiluminescence in H <sub>2</sub> O <sub>2</sub> solution. <i>Journal of Materials Science</i> , 2010, 45, 6805-6811.	1.7	12
61	Synthesis of Copper Oxide Hierarchical Nanostructures. <i>Chinese Journal of Chemistry</i> , 2010, 28, 2377-2382.	2.6	1
62	Synthesis and characterization of nickel chains assembled by microspheres via a polymer-free hydrothermal method. <i>Journal of Crystal Growth</i> , 2010, 312, 863-868.	0.7	4
63	Morphology Evolution of Double Fold Hexagonal Dendrites of Copper(I) Sulfide with D <sub>6h</sub> Symmetry. <i>Crystal Growth and Design</i> , 2010, 10, 469-474.	1.4	23
64	One-pot synthesis of PbSO <sub>4</sub> -sheathed PbS butterfly-like microstructures with high luminescence property. <i>Journal of Alloys and Compounds</i> , 2010, 493, L25-L28.	2.8	15
65	Copper sulfide nanotubes: facile, large-scale synthesis, and application in photodegradation. <i>Journal of Nanoparticle Research</i> , 2009, 11, 731-736.	0.8	50
66	Aligned ZnO nanorods: A useful film to fabricate amperometric glucose biosensor. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 154-158.	2.5	84
67	Magnetic Chitosan Nanocomposites: A Useful Recyclable Tool for Heavy Metal Ion Removal. <i>Langmuir</i> , 2009, 25, 3-8.	1.6	480
68	Direct Fabrication of Tellurium/Carbon Nanocables through a Facile Solution Route. <i>Crystal Growth and Design</i> , 2009, 9, 2117-2123.	1.4	17
69	Preparation and Characterization of Fe <sub>3</sub> O <sub>4</sub> /CdS Nanocomposites and Their Use as Recyclable Photocatalysts. <i>Crystal Growth and Design</i> , 2009, 9, 197-202.	1.4	74
70	Carboxyl Enriched Monodisperse Porous Fe <sub>3</sub> O <sub>4</sub> Nanoparticles with Extraordinary Sustained-Release Property. <i>Langmuir</i> , 2009, 25, 7244-7248.	1.6	53
71	Generalized and Facile Synthesis of Fe <sub>3</sub> O <sub>4</sub> /MS (M = Zn, Cd, Hg, Pb, Co, and Ni) Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12728-12735.	1.5	37
72	Growth of Tin Dioxide Nanobelts Via Au-Catalytic VLS Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 4567-4570.	0.9	0

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73	Epitaxy of Single-Crystalline Zigzag Tin Dioxide Nanobelts. <i>Crystal Growth and Design</i> , 2007, 7, 2254-2257.	1.4	7
74	Facile and large-scale synthesis of single-crystalline manganese oxyhydroxide/oxide nanostructures. <i>Materials Research Bulletin</i> , 2007, 42, 1761-1768.	2.7	19
75	One-step synthesis of colloidal Mn <sub>3</sub> O <sub>4</sub> and $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles at room temperature. <i>Journal of Nanoparticle Research</i> , 2007, 9, 833-840.	0.8	11
76	CTAB-assisted hydrothermal synthesis of Ag/C nanostructures. <i>Nanotechnology</i> , 2006, 17, 3008-3011.	1.3	45
77	Ultrasonic-Assisted Synthesis of Colloidal Mn <sub>3</sub> O <sub>4</sub> Nanoparticles at Normal Temperature and Pressure. <i>Crystal Growth and Design</i> , 2006, 6, 1757-1760.	1.4	76
78	Preparation of manganese molybdate rods and hollow olive-like spheres. <i>Journal of Materials Science</i> , 2006, 41, 4737-4743.	1.7	27
79	Preparation of manganese indium sulfide urchins in aqueous solution-immiscible organic solvent. <i>Materials Research Bulletin</i> , 2006, 41, 2325-2333.	2.7	16
80	Preparation of $\gamma$ -Mn <sub>2</sub> O <sub>3</sub> and MnO from thermal decomposition of MnCO <sub>3</sub> and control of morphology. <i>Materials Letters</i> , 2006, 60, 53-56.	1.3	75
81	Oriented attachment growth of LaMn <sub>2</sub> O <sub>5</sub> + $\gamma$ nanorods. <i>Materials Letters</i> , 2006, 60, 1347-1349.	1.3	10
82	Self-assembled ZnO 3D flowerlike nanostructures. <i>Materials Letters</i> , 2006, 60, 2530-2533.	1.3	62
83	A Self-Sacrificing Template Route to Spinel MIIIn <sub>2</sub> S <sub>4</sub> (MII = Mn, Zn, Cd, Fe, Co, Ni) and MIIIn <sub>5</sub> S <sub>8</sub> (MI = Cu, Tj) ETQq1 <sub>1.0</sub> 0.7843 <sub>19</sub> rgBT /O	1.0	19
84	Synthesis of MnWO <sub>4</sub> nanofibres by a surfactant-assisted complexation-precipitation approach and control of morphology. <i>Nanotechnology</i> , 2005, 16, 2407-2411.	1.3	43
85	Morphology Evolution and Luminescence Properties of YF <sub>3</sub> : Sm Nano-/Microcrystals. <i>Advanced Materials Research</i> , 0, 463-464, 112-118.	0.3	0