

Hongxiao Jin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improved permeability and core loss of amorphous FeSiB /Ni-Zn ferrite soft magnetic composites prepared in an external magnetic field. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161335.	5.5	23
2	Facile preparation of high performance degradation of HCHO catalyst from Li-MnO ₂ batteries. <i>Materials Letters</i> , 2020, 260, 126958.	2.6	4
3	Preparation and magnetic properties of Fe ₄ N/Fe soft magnetic composites fabricated by gas nitridation. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 500, 166407.	2.3	24
4	Metal-Doped In ₂ O ₃ Nanosphere Arrays with Enhanced Gas-Sensing Property. <i>Nano</i> , 2019, 14, 1950040.	1.0	4
5	Design and fabrication of Fe-Al soft magnetic composites by controlling orientation of particles in a magnetic field: anisotropy of structures, electrical and magnetic properties. <i>Journal of Materials Science</i> , 2019, 54, 8719-8726.	3.7	10
6	Cerium-doped indium oxide nanosphere arrays with enhanced ethanol-sensing properties. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	14
7	Preparation of Fe-doped In ₂ O ₃ gas sensing semiconductor by one-step impregnation with enhanced ethanol sensing. <i>Chemical Physics Letters</i> , 2019, 722, 96-103.	2.6	18
8	Enhanced Ciprofloxacin Photodegradation of Visible-Light-Driven ZnS/g-C ₃ N ₄ /Bi ₂ WO ₆ Nanocomposites and Interface Effect. <i>ChemistrySelect</i> , 2019, 4, 13716-13723.	1.5	17
9	Highly improved ethanol gas-sensing performance of mesoporous nickel oxides nanowires with the stannum donor doping. <i>Nanotechnology</i> , 2018, 29, 245501.	2.6	35
10	A novel magnetic-field-driving method for fabricating Ni/epoxy resin functionally graded materials. <i>Materials Letters</i> , 2018, 222, 70-73.	2.6	10
11	Critical behaviors of ferromagnetic-paraferromagnetic transition in La _{0.5} Sr _{0.5} MnO ₃ nanowires bundles under low applied field. <i>Materials Chemistry and Physics</i> , 2018, 216, 260-264.	4.0	2
12	Mesoporous-structure enhanced gas-sensing properties of nickel oxides nanowires. <i>Materials Research Bulletin</i> , 2017, 89, 280-285.	5.2	31
13	Calcination-temperature-dependent gas-sensing properties of mesoporous nickel oxides nanowires as ethanol sensors. <i>Powder Technology</i> , 2017, 318, 40-45.	4.2	30
14	Magnetic separation and adsorptive performance for methylene blue of mesoporous NiFe ₂ O ₄ /SBA-15 nanocomposites. <i>Advanced Powder Technology</i> , 2017, 28, 2087-2093.	4.1	26
15	Hydrothermal Synthesis of NiCo ₂ O ₄ /Activated Carbon Composites for Supercapacitor with Enhanced Cycle Performance. <i>ChemistrySelect</i> , 2017, 2, 5189-5195.	1.5	29
16	Magnetically separable CoFe ₂ O ₄ /Co _x Fe _y /activated carbon composites for Cd(II) removal from wastewater. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3662.	3.5	5
17	Structural, magnetic and electromagnetic properties of SrFe ₁₂ O ₁₉ ferrite with particles aligned in a magnetic field. <i>Journal of Alloys and Compounds</i> , 2017, 690, 936-941.	5.5	14
18	Wide bandgap mesoporous hematite nanowire bundles as a sensitive and rapid response ethanol sensor. <i>Nanotechnology</i> , 2016, 27, 185702.	2.6	26

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19	Synthesis of fine $\text{Fe}_3\text{Fe}_{16}\text{N}_2$ powders by low-temperature nitridation of Fe from magnetite nanoparticles. AIP Advances, 2016, 6, .	1.3	9
20	Platelet-like hexagonal $\text{SrFe}_{12}\text{O}_{19}$ particles: Hydrothermal synthesis and their orientation in a magnetic field. Journal of Magnetism and Magnetic Materials, 2016, 412, 102-106.	2.3	16
21	Efficient removal of Cr(VI) by magnetically separable CoFe_2O_4 /activated carbon composite. Journal of Alloys and Compounds, 2016, 678, 179-184.	5.5	64
22	Nanocasting synthesis and gas-sensing behavior of hematite nanowires. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 84, 395-400.	2.7	10
23	Dramatic change of methylenedianiline activity and selectivity in different pore geometry of zeolites. Microporous and Mesoporous Materials, 2016, 233, 109-116.	4.4	5
24	Fabrication and application of magnetic starch-based activated hierarchical porous carbon spheres for the efficient removal of dyes from water. Materials Chemistry and Physics, 2016, 174, 179-186.	4.0	39
25	Strange critical behaviors of ferromagnetic to paramagnetic transition in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ nanowires bundles. RSC Advances, 2016, 6, 22411-22418.	3.6	6
26	Preparation and Characterization of Graphene/ Fe_3O_4 Composites by Solvothermal Method. Journal of Nanoscience and Nanotechnology, 2015, 15, 4380-4384.	0.9	3
27	Surface modification and electrochemical properties of activated carbons for supercapacitor electrodes. Modern Physics Letters B, 2015, 29, 1550254.	1.9	2
28	A novel high surface area spherical carbon from cassava starch. Materials Letters, 2015, 139, 262-264.	2.6	10
29	Fabricate hollow Ag@POMs microtubule by a simple process. Materials Letters, 2015, 141, 128-131.	2.6	2
30	Nanocasting synthesis of co-doped In_2O_3 : a 3D diluted magnetic semiconductor composed of nanospheres. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	9
31	Adsorptive performance for methylene blue of magnetic Ni@ activated carbon nanocomposites. Functional Materials Letters, 2015, 08, 1550024.	1.2	2
32	Magnetic CoFe_2O_4 /carbon nanotubes composites: fabrication, microstructure and magnetic response. Modern Physics Letters B, 2014, 28, 1450095.	1.9	2
33	Magnetic properties and methylene blue adsorptive performance of CoFe_2O_4 /activated carbon nanocomposites. Materials Chemistry and Physics, 2014, 147, 915-919.	4.0	41
34	Isolation and Crystallographic Characterization of $\text{Sm}@ \text{C}_{2v}(3)\text{-C}_{80}$ Through Cocystal Formation with Ni^{II} (octaethylporphyrin) or Bis(ethylenedithio)tetrathiafulvalene. Inorganic Chemistry, 2013, 52, 1275-1284.	4.0	23
35	Aqua(2,6-dihydroxybenzoato- O^1)bis(1,10-phenanthroline- N^2 , N^6)manganese(II) 2,6-dihydroxybenzoate hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m798-m798.	0.2	1
36	Fabrication of Mesoporous Co_3O_4 from LP-FDU-12 via Nanocasting Route and Effect of Wall/Pore Size on Their Magnetic Properties. Journal of Physical Chemistry C, 2012, 116, 13374-13381.	3.1	22

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37	Isolation of Three Isomers of Sm@C ₈₄ and X-ray Crystallographic Characterization of Sm@C ₈₄ and Sm@C ₂ (13)-C ₈₄ . Journal of the American Chemical Society, 2012, 134, 13127-13136.	13.7	55
38	Single Samarium Atoms in Large Fullerene Cages. Characterization of Two Isomers of Sm@C ₉₂ and Four Isomers of Sm@C ₉₄ with the X-ray Crystallographic Identification of Sm@C ₁ (42)-C ₉₂ , Sm@C _s (24)-C ₉₂ , and Sm@C _{3v} (134)-C ₉₄ . Journal of the American Chemical Society, 2012, 134, 10933-10941.	13.7	46
39	Formation of Fe ₃ O ₄ hollow nanospheres inside cage type mesoporous materials: a nanocasting pathway. RSC Advances, 2012, 2, 12108.	3.6	7
40	X-ray Crystallographic Characterization of New Soluble Endohedral Fullerenes Utilizing the Popular C ₈₂ Bucky Cage. Isolation and Structural Characterization of Sm@C _{3v} (7)-C ₈₂ , Sm@C _s (6)-C ₈₂ , and Sm@C ₂ (5)-C ₈₂ . Journal of the American Chemical Society, 2012, 134, 14127-14136.	13.7	57
41	Isolation of Four Isomers of C ₉₆ and Crystallographic Characterization of Nanotubular C _{3i} (3)-C ₉₆ and the Somewhat Flat-Sided Sphere C _{2i} (181)-C ₉₆ . Chemistry - A European Journal, 2012, 18, 2792-2796.	3.3	50
42	Isolation and Crystallographic Identification of Four Isomers of Sm@C ₉₀ . Journal of the American Chemical Society, 2011, 133, 6299-6306.	13.7	57
43	Large Endohedral Fullerenes Containing Two Metal Ions, Sm ₂ @C ₂ (35)-C ₈₈ , Sm ₂ @C ₁ (21)-C ₉₀ , and Sm ₂ @C ₃ (85)-C ₉₂ , and Their Relationship to Endohedral Fullerenes Containing Two Gadolinium Ions. Journal of the American Chemical Society, 2011, 133, 15338-15341.	13.7	61
44	Very Large, Soluble Endohedral Fullerenes in the Series La ₂ C ₉₀ to La ₂ C ₁₃₈ : Isolation and Crystallographic Characterization of La ₂ @C ₅ (450)-C ₁₀₀ . Journal of the American Chemical Society, 2011, 133, 15338-15341.	13.7	78
45	Fullerenes without symmetry: crystallographic characterization of C ₁ (30)-C ₉₀ and C ₁ (32)-C ₉₀ . Chemical Communications, 2011, 47, 2068-2070.	4.1	37
46	Bis(2,6-dihydroxybenzoato- η^2 O ₁ O ₁)(nitrate- η^2 O ₂ O ₂)bis(1,10-phenanthroline- η^2 N ₂ N ₂)praseodymium(III). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m5-m5.	0.2	0
47	Bis(2,6-dihydroxybenzoato- η^2 O ₁ O ₁)(nitrate- η^2 O ₂ O ₂)bis(1,10-phenanthroline- η^2 N ₂ N ₂)cerium(III). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m6-m7.	0.2	0
48	SYNTHESIS OF MAGNETIC SBA-15 AND Fe ²⁺ /SBA-15 MESOPOROUS NANOCOMPOSITES WITH COBALT FERRITES. Nano, 2011, 06, 287-293.	1.0	0
49	Magnetic properties of SBA-15 mesoporous nanocomposites with CoFe ₂ O ₄ nanoparticles. Materials Letters, 2010, 64, 708-710.	2.6	18
50	Isolation of a Small Carbon Nanotube: The Surprising Appearance of C _{5h} (1)-C ₉₀ . Angewandte Chemie - International Edition, 2010, 49, 886-890.	13.8	85
51	Bis(2,6-dihydroxybenzoato- η^2 O ₁ O ₁)(nitrate- η^2 O ₂ O ₂)bis(1,10-phenanthroline- η^2 N ₂ N ₂)gadolinium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1614-m1614.	0.2	0
52	Bis(2,6-dihydroxybenzoato- η^2 O ₁ O ₁)(nitrate- η^2 O ₂ O ₂)bis(1,10-phenanthroline- η^2 N ₂ N ₂)europium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1612-m1612.	0.2	0
53	Diaqua(2,6-dihydroxybenzoato- η^2 O ₁ O ₁)bis(2,6-dihydroxybenzoato- η^2 O ₁)bis(1,10-phenanthroline- η^2 N ₂ N ₂)lanthanum(III) μ -1,10. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1610-m1611.	0.2	0
54	Bis(2,6-dihydroxybenzoato- η^2 O ₁ O ₁)(nitrate- η^2 O ₂ O ₂)bis(1,10-phenanthroline- η^2 N ₂ N ₂)samarium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1613-m1613.	0.2	0

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55	Bis(2,6-dihydroxybenzoato- λ^2 O1,O1 λ^2)(nitrato- λ^2 O,O λ^2)bis(1,10-phenanthroline- λ^2 N,N λ^2)dysprosium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1653-m1654.	0.2	0
56	Bis(2,6-dihydroxybenzoato- λ^2 O1,O1 λ^2)(nitrato- λ^2 O,O λ^2)bis(1,10-phenanthroline- λ^2 N,N λ^2)neodymium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1469-m1470.	0.2	6
57	Isolation and Structural Characterization of the Molecular Nanocapsule Sm ₂ @D ₃ (822) λ^2 C ₁₀₄ . Angewandte Chemie - International Edition, 2009, 48, 9114-9116.	13.8	85
58	Isolation and characterization of higher metallofullerenes Ca@C ₉₂ and Ca@C ₉₄ . Journal of Chemical Sciences, 2009, 121, 297-300.	1.5	4
59	Analytical optimization for field emission of carbon nanotube array. Science Bulletin, 2009, 54, 1801-1804.	9.0	0
60	Magnetic properties of low Mn-doped NiCuZn nanocrystalline ferrites. Journal of Alloys and Compounds, 2009, 470, 438-442.	5.5	31
61	Isolation and Structural Characterization of Two Very Large, and Largely Empty, Endohedral Fullerenes: Tm@C ₃ _v -C ₉₄ and Ca@C ₃ _v -C ₉₄ . Inorganic Chemistry, 2009, 48, 6004-6010.	4.0	46
62	Detection of a Family of Gadolinium-Containing Endohedral Fullerenes and the Isolation and Crystallographic Characterization of One Member as a Metal λ^2 Carbide Encapsulated inside a Large Fullerene Cage. Journal of the American Chemical Society, 2008, 130, 17296-17300.	13.7	149
63	Synthesis of highly ordered large pore mesoporous silica SBA-16 spheres. Studies in Surface Science and Catalysis, 2007, , 611-615.	1.5	1
64	Preparation and conductivity of decatungstomolybdovanado-germanic heteropoly acid supported on mesoporous silica SBA-15, SBA-16, MCM-41 and MCM-48. Studies in Surface Science and Catalysis, 2007, , 847-851.	1.5	3
65	Photocatalytic degradation of textile dye X-3B using polyoxometalate λ^2 TiO ₂ hybrid materials. Journal of Hazardous Materials, 2007, 141, 123-127.	12.4	60
66	Facile synthesis of crystal like shape mesoporous silica SBA-16. Microporous and Mesoporous Materials, 2006, 97, 141-144.	4.4	30
67	Removal of organic templates from mesoporous SBA-15 at room temperature using UV/dilute H ₂ O ₂ . Microporous and Mesoporous Materials, 2006, 96, 413-418.	4.4	61
68	Assembling of tungstovanadogermanic heteropoly acid into mesoporous molecular sieve SBA-15. Solid State Sciences, 2005, 7, 333-337.	3.2	27
69	Preparation and conductivity of tungstovanadogermanic heteropoly acid supported on mesoporous silicate SBA-15. Materials Letters, 2004, 58, 3657-3660.	2.6	25