Hongxiao Jin

List of Publications by Year
in descending order

69	1,711	236925 25	289244 40
papers	citations	h-index	g-index

71	71	71	1535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of a Family of Gadolinium-Containing Endohedral Fullerenes and the Isolation and Crystallographic Characterization of One Member as a Metalâ"Carbide Encapsulated inside a Large Fullerene Cage. Journal of the American Chemical Society, 2008, 130, 17296-17300.	13.7	149
2	Isolation and Structural Characterization of the Molecular Nanocapsule Sm₂@D₃d</sub>(822)â€C₁₀₄. Angewandte Chemie - International Edition, 2009, 48, 9114-9116.	13.8	85
3	Isolation of a Small Carbon Nanotube: The Surprising Appearance of D₅h</sub>(1)â€C₉₀. Angewandte Chemie - International Edition, 2010, 49, 886-890.	13.8	85
4	Very Large, Soluble Endohedral Fullerenes in the Series La₂C₉₀ to La₂C₁₃₈: Isolation and Crystallographic Characterization of La₂@D₅(450)-C₁₀₀. Journal of the American Chemical Society, 2011, 133, 15338-15341.	13.7	78
5	Efficient removal of Cr(VI) by magnetically separable CoFe2O4/activated carbon composite. Journal of Alloys and Compounds, 2016, 678, 179-184.	5.5	64
6	Removal of organic templates from mesoporous SBA-15 at room temperature using UV/dilute H2O2. Microporous and Mesoporous Materials, 2006, 96, 413-418.	4.4	61
7	Large Endohedral Fullerenes Containing Two Metal Ions. Sm₂@D₂(35)-C₈₈, Sm₂@C₁(21)-C₉₀, and Sm₂@D₃(85)-C₉₂, and Their Relationship to Endohedral Fullerenes Containing Two Gadolinium Ions. Journal of the American Chemical Society, 2011, 133, 16911-16919.	13.7	61
8	Photocatalytic degradation of textile dye X-3B using polyoxometalateâ€"TiO2 hybrid materials. Journal of Hazardous Materials, 2007, 141, 123-127.	12.4	60
9	Isolation and Crystallographic Identification of Four Isomers of Sm@C₉₀. Journal of the American Chemical Society, 2011, 133, 6299-6306.	13.7	57
10	X-ray Crystallographic Characterization of New Soluble Endohedral Fullerenes Utilizing the Popular C₈₂ Bucky Cage. Isolation and Structural Characterization of Sm@C₃v</sub>(7)-C₈₂, Sm@C_s(6)-C₈₂, and Sm@C₂(5)-C₈₂. Journal of the American Chemical Society, 2012, 134, 14147-14154.	13.7	57
11	Isolation of Three Isomers of Sm@C₈₄ and X-ray Crystallographic Characterization of Sm@D₃d</sub>(19)-C₈₄ and Sm@C₂(13)-C₈₄. Journal of the American Chemical Society, 2012, 134, 5331-5338.	13.7	55
12	Isolation of Four Isomers of C₉₆ and Crystallographic Characterization of Nanotubular D₃d</sub>(3)â€C₉₆ and the Somewhat Flatâ€Sided Sphere C₂(181)â€C₉₆. Chemistry - A European Journal, 2012, 18, 2792-2796.	3.3	50
13	Isolation and Structural Characterization of Two Very Large, and Largely Empty, Endohedral Fullerenes: Tm@C₃v</sub>-C₉₄ and Ca@C₃v</sub>-C₉₄. Inorganic Chemistry, 2009, 48, 6004-6010.	4.0	46
14	Single Samarium Atoms in Large Fullerene Cages. Characterization of Two Isomers of Sm@C₉₂ and Four Isomers of Sm@C₉₄ with the X-ray Crystallographic Identification of Sm@C₁(42)-C₉₂, Sm@C_s(24)-C₉₂, and Sm@C₃v</sub>(134)-C₉₄. Journal of the American Chemical Society, 2012, 134, 10933-10941.	13.7	46
15	Magnetic properties and methylene blue adsorptive performance of CoFe2O4/activated carbon nanocomposites. Materials Chemistry and Physics, 2014, 147, 915-919.	4.0	41
16	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
17	Fullerenes without symmetry: crystallographic characterization of C1(30)â€"C90and C1(32)â€"C90. Chemical Communications, 2011, 47, 2068-2070.	4.1	37
18	Highly improved ethanol gas-sensing performance of mesoporous nickel oxides nanowires with the stannum donor doping. Nanotechnology, 2018, 29, 245501.	2.6	35

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19	Magnetic properties of low Mn-doped NiCuZn nanocrystalline ferrites. Journal of Alloys and Compounds, 2009, 470, 438-442.	5.5	31
20	Mesoporous-structure enhanced gas-sensing properties of nickel oxides nanowires. Materials Research Bulletin, 2017, 89, 280-285.	5.2	31
21	Facile synthesis of crystal like shape mesoporous silica SBA-16. Microporous and Mesoporous Materials, 2006, 97, 141-144.	4.4	30
22	Calcination-temperature-dependent gas-sensing properties of mesoporous nickel oxides nanowires as ethanol sensors. Powder Technology, 2017, 318, 40-45.	4.2	30
23	Hydrothermal Synthesis of NiCo₂O₄/Activated Carbon Composites for Supercapacitor with Enhanced Cycle Performance. ChemistrySelect, 2017, 2, 5189-5195.	1.5	29
24	Assembling of tungstovanadogermanic heteropoly acid into mesoporous molecular sieve SBA-15. Solid State Sciences, 2005, 7, 333-337.	3.2	27
25	Wide bandgap mesoporous hematite nanowire bundles as a sensitive and rapid response ethanol sensor. Nanotechnology, 2016, 27, 185702.	2.6	26
26	Magnetic separation and adsorptive performance for methylene blue of mesoporous NiFe2O4/SBA-15 nanocomposites. Advanced Powder Technology, 2017, 28, 2087-2093.	4.1	26
27	Preparation and conductivity of tungstovanadogermanic heteropoly acid supported on mesoporous silicate SBA-15. Materials Letters, 2004, 58, 3657-3660.	2.6	25
28	Preparation and magnetic properties of Fe4N/Fe soft magnetic composites fabricated by gas nitridation. Journal of Magnetism and Magnetic Materials, 2020, 500, 166407.	2.3	24
29	Isolation and Crystallographic Characterization of Sm@C_{2v}(3)-C₈₀ Through Cocrystal Formation with Ni^{II}(octaethylporphyrin) or Bis(ethylenedithio)tetrathiafulvalene. Inorganic Chemistry, 2013, 52, 1275-1284.	4.0	23
30	Improved permeability and core loss of amorphous FeSiB /Ni-Zn ferrite soft magnetic composites prepared in an external magnetic field. Journal of Alloys and Compounds, 2021, 886, 161335.	5.5	23
31	Fabrication of Mesoporous Co₃O₄ 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
32	Magnetic properties of SBA-15 mesoporous nanocomposites with CoFe2O4 nanoparticles. Materials Letters, 2010, 64, 708-710.	2.6	18
33	Preparation of Fe-doped In2O3 gas sensing semiconductor by one-step impregnation with enhanced ethanol sensing. Chemical Physics Letters, 2019, 722, 96-103.	2.6	18
34	Enhanced Ciprofloxacin Photodegradation of Visibleâ€Lightâ€Driven Zâ€Scheme gâ€C₃N₄/Bi₂WO₆ Nanocomposites and Interface Effect. ChemistrySelect, 2019, 4, 13716-13723.	1.5	17
35	Platelet-like hexagonal SrFe12O19 particles: Hydrothermal synthesis and their orientation in a magnetic field. Journal of Magnetism and Magnetic Materials, 2016, 412, 102-106.	2.3	16
36	Structural, magnetic and electromagnetic properties of SrFe12O19 ferrite with particles aligned in a magnetic field. Journal of Alloys and Compounds, 2017, 690, 936-941.	5.5	14

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37	Cerium-doped indium oxide nanosphere arrays with enhanced ethanol-sensing properties. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	14
38	A novel high surface area spherical carbon from cassava starch. Materials Letters, 2015, 139, 262-264.	2.6	10
39	Nanocasting synthesis and gas-sensing behavior of hematite nanowires. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 84, 395-400.	2.7	10
40	A novel magnetic-field-driving method for fabricating Ni/epoxy resin functionally graded materials. Materials Letters, 2018, 222, 70-73.	2.6	10
41	Design and fabrication of Feâ€“Siâ€“Al soft magnetic composites by controlling orientation of particles in a magnetic field: anisotropy of structures, electrical and magnetic properties. Journal of Materials Science, 2019, 54, 8719-8726.	3.7	10
42	Nanocasting synthesis of co-doped In2O3: a 3D diluted magnetic semiconductor composed of nanospheres. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	9
43	Synthesis of fine Î±â€³-Fe16N2 powders by low-temperature nitridation of Î±-Fe from magnetite nanoparticles. AIP Advances, 2016, 6, .	1.3	9
44	Formation of FexOy hollow nanospheres inside cage type mesoporous materials: a nanocasting pathway. RSC Advances, 2012, 2, 12108.	3.6	7
45	Strange critical behaviors of ferromagnetic to paramagnetic transition in La_{0.5}Ca_{0.5}MnO₃ nanowires bundles. RSC Advances, 2016, 6, 22411-22418.	3.6	6
46	Bis(2,6-dihydroxybenzoato-Îº2O1,O1â€²)(nitrato-Îº2O,Oâ€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)neodymium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1469-m1470.	0.2	6
47	Dramatic change of methylenedianiline activity and selectivity in different pore geometry of zeolites. Microporous and Mesoporous Materials, 2016, 233, 109-116.	4.4	5
48	Magnetically separable CoFe₂O₄/Co_xFe_y/activated carbon composites for Cd(II) removal from wastewater. Applied Organometallic Chemistry, 2017, 31, e3662.	3.5	5
49	Isolation and characterization of higher metallofullerenes Ca@C92 and Ca@C94. Journal of Chemical Sciences, 2009, 121, 297-300.	1.5	4
50	Metal-Doped In2O3 Nanosphere Arrays with Enhanced Gas-Sensing Property. Nano, 2019, 14, 1950040.	1.0	4
51	Facile preparation of high performance degradation of HCHO catalyst from Li-MnO2 batteries. Materials Letters, 2020, 260, 126958.	2.6	4
52	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
53	Preparation and Characterization of Graphene/Fe₃O₄ Composites by Solvothermal Method. Journal of Nanoscience and Nanotechnology, 2015, 15, 4380-4384.	0.9	3
54	Magnetic CoFe2O4/carbon nanotubes composites: fabrication, microstructure and magnetic response. Modern Physics Letters B, 2014, 28, 1450095.	1.9	2

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55	Surface modification and electrochemical properties of activated carbons for supercapacitor electrodes. Modern Physics Letters B, 2015, 29, 1550254.	1.9	2
56	Fabricate hollow Agâ€“POMs microtubule by a simple process. Materials Letters, 2015, 141, 128-131.	2.6	2
57	Adsorptive performance for methylene blue of magnetic Ni@activated carbon nanocomposites. Functional Materials Letters, 2015, 08, 1550024.	1.2	2
58	Critical behaviors of ferromagnetic-paraferromagnetic transition in La0.5Sr0.5MnO3 nanowires bundles under low applied field. Materials Chemistry and Physics, 2018, 216, 260-264.	4.0	2
59	Synthesis of highly ordered large pore mesoporous silica SBA-16 spheres. Studies in Surface Science and Catalysis, 2007, , 611-615.	1.5	1
60	Aqua(2,6-dihydroxybenzoato-Îº2O1,O1â€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)manganese(II) 2,6-dihydroxybenzoate hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m798-m798.	0.2	1
61	Analytical optimization for field emission of carbon nanotube array. Science Bulletin, 2009, 54, 1801-1804.	9.0	0
62	Bis(2,6-dihydroxybenzoato-Îº2O1,O1â€²)(nitrato-Îº2O,Oâ€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)gadolinium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1614-m1614.	0.2	0
63	Bis(2,6-dihydroxybenzoato-Îº2O1,O1â€²)(nitrato-Îº2O,Oâ€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)europium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1612-m1612.	0.2	0
64	Diaqua(2,6-dihydroxybenzoato-Îº2O1,O1â€²)bis(2,6-dihydroxybenzoato-ÎºO1)bis(1,10-phenanthroline-Îº2N,Nâ€²)lanthanum(III)â€“1,10-(1/1). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1610-m1611.	0.2	0
65	Bis(2,6-dihydroxybenzoato-Îº2O1,O1â€²)(nitrato-Îº2O,Oâ€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)samarium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1613-m1613.	0.2	0
66	Bis(2,6-dihydroxybenzoato-Îº2O1,O1â€²)(nitrato-Îº2O,Oâ€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)dysprosium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1653-m1654.	0.2	0
67	Bis(2,6-dihydroxybenzoato-Îº2O1,O1â€²)(nitrato-Îº2O,Oâ€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)praseodymium(III). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m5-m5.	0.2	0
68	Bis(2,6-dihydroxybenzoato-Îº2O1,O1â€²)(nitrato-Îº2O,Oâ€²)bis(1,10-phenanthroline-Îº2N,Nâ€²)cerium(III). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m6-m7.	0.2	0
69	SYNTHESIS OF MAGNETIC SBA-15 AND Feâ€“SBA-15 MESOPOROUS NANOCOMPOSITES WITH COBALT FERRITES. Nano, 2011, 06, 287-293.	1.0	0