

Dao-Jun Zhang

List of Publications by Year in descending order

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51
papers

1,323
citations

304368

22
h-index

344852

36
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51
all docs

51
docs citations

51
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide/nickel oxide modified glassy carbon electrode for supercapacitor and nonenzymatic glucose sensor. <i>Electrochimica Acta</i> , 2013, 88, 708-712.	2.6	199
2	Cu ₂ O/NiO _x /graphene oxide modified glassy carbon electrode for the enhanced electrochemical oxidation of reduced glutathione and nonenzyme glucose sensor. <i>Electrochimica Acta</i> , 2013, 104, 78-83.	2.6	110
3	Amperometric determination of reduced glutathione with a new Co-based metal-organic coordination polymer modified electrode. <i>Electrochemistry Communications</i> , 2014, 40, 92-95.	2.3	81
4	Electrochemical modification of graphene oxide bearing different types of oxygen functional species for the electro-catalytic oxidation of reduced glutathione. <i>Sensors and Actuators B: Chemical</i> , 2013, 184, 15-20.	4.0	58
5	Polyethylenimine-bridged graphene oxide-gold film on glassy carbon electrode and its electrocatalytic activity toward nitrite and hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 55-61.	4.0	56
6	Synthesis and Characterization of Novel Lanthanide(III) Complexes-Functionalized Mesoporous Silica Nanoparticles as Fluorescent Nanomaterials. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12505-12510.	1.5	53
7	Coordination-Induced Syntheses of Two Hybrid Framework Iodides: A Thermochromic Luminescent Thermometer. <i>Inorganic Chemistry</i> , 2016, 55, 7556-7563.	1.9	46
8	Solvothermal synthesis a novel hemidirected 2-D (3,3)-net metal-organic framework [Pb(HIDC)] _n based on the linkages of left- and right-hand helical chains. <i>Inorganic Chemistry Communication</i> , 2008, 11, 192-195.	1.8	40
9	Two novel lead(ii)-tetrazolate frameworks based on cubane [Pb ₄ (OH) ₄] ⁴⁺ clusters trapping long lifetime luminescence emission. <i>CrystEngComm</i> , 2012, 14, 3982.	1.3	39
10	Construction of metal-organic coordination polymers derived from 4-substituted tetrazole-benzoate ligands: synthesis, structure, luminescence, and magnetic behaviors. <i>CrystEngComm</i> , 2013, 15, 3402.	1.3	38
11	Glassy carbon electrode modified with 7,7,8,8-tetracyanoquinodimethane and graphene oxide triggered a synergistic effect: Low-potential amperometric detection of reduced glutathione. <i>Biosensors and Bioelectronics</i> , 2017, 96, 1-7.	5.3	37
12	Unusual Flexibility of Microporous Sulfides during Ion Exchange. <i>Inorganic Chemistry</i> , 2018, 57, 13128-13136.	1.9	37
13	Design and synthesis of novel mesostructured metal-organic frameworks templated by cationic surfactants via cooperative self-organization. <i>Chemical Communications</i> , 2011, 47, 7809.	2.2	36
14	Microwave-assisted solvothermal synthesis of nickel molybdate nanosheets as a potential catalytic platform for NADH and ethanol sensing. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 1-7.	4.0	36
15	A hemidirected 1-D coordination polymer [Pb ₂ (H ₂ O) ₂ (HBTC) ₂] ²⁺ ·3H ₂ O extended in holodirected 3-D by weak Pb-O interactions. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1534-1536.	1.8	27
16	Syntheses and Characterization of Chiral Zeolitic Silver Halides Based on 3-Rings. <i>Inorganic Chemistry</i> , 2016, 55, 11593-11599.	1.9	27
17	Transformation of dense AgI into a silver-rich framework iodide using thiophenol as mineralizer. <i>Journal of Solid State Chemistry</i> , 2014, 220, 185-190.	1.4	26
18	Syntheses, structures and luminescence properties of two novel lanthanide metal-organic frameworks based on a rigid tetracarboxylate ligand. <i>Inorganic Chemistry Communication</i> , 2012, 16, 70-73.	1.8	25

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19	A novel enzyme-free hydrogen peroxide sensor based on polyethylenimine-grafted graphene oxide-Pd particles modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 731, 67-71.	1.9	25
20	Solvothermal synthesis, crystal structure and photoluminescent property of a novel 3-D magnesium metal-organic framework $Mg_{1.5}(\frac{1}{4}5\text{-btec})(\text{H}_2\text{O})_2 \cdot [\text{H}_2\text{N}(\text{CH}_3)_2] \cdot \text{H}_2\text{O}$. <i>Inorganic Chemistry Communication</i> , 2007, 10, 876-879.	1.8	23
21	Effect of cationic surfactants on structure and morphology of mesostructured MOFs. <i>RSC Advances</i> , 2012, 2, 5424.	1.7	23
22	Hydrothermal synthesis, structure and rare ferromagnetic property of a 3-D Nd(III) metal-organic framework based on mixed pyridine-2,5-dicarboxylic acid/nicotinic acid ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 299-302.	1.2	22
23	Ionic self-assembly of surface functionalized metal-organic polyhedra nanocages and their ordered honeycomb architecture at the air/water interface. <i>Chemical Communications</i> , 2012, 48, 7946.	2.2	22
24	Self-doped Ce ³⁺ enhanced CeO ₂ host matrix for energy transfer from Ce ³⁺ to Tb ³⁺ . <i>RSC Advances</i> , 2013, 3, 3623.	1.7	22
25	Preparation of hybrid mesoporous silica luminescent nanoparticles with lanthanide(III) complexes and their exhibition of white emission. <i>Dalton Transactions</i> , 2011, 40, 9313.	1.6	21
26	Structure and Characterization of a Novel 3D Lead Phosphonate Metal - Organic Framework with Cationic Layer Based on Weak Pb - O(N) Contact. <i>Australian Journal of Chemistry</i> , 2010, 63, 452.	0.5	20
27	Solvothermal syntheses, characterizations and properties of three transition metal (Ni(II), Co(II)) imino-carboxylate-diphosphonates. <i>New Journal of Chemistry</i> , 2009, 33, 886.	1.4	18
28	A series of novel metal-organic coordination polymers constructed from the new 5-(4-imidazol-1-yl-phenyl)-2H-tetrazole spacer and aromatic carboxylates: Synthesis, crystal structures, and luminescence properties. <i>Journal of Solid State Chemistry</i> , 2013, 206, 286-292.	1.4	16
29	Electrochemically controlling oxygen functional groups in graphene oxide for the optimization in the electro-catalytic oxidation of dihydroxybenzene isomers and L-methionine. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 219-224.	1.9	15
30	Two new 3D (3,8)-connected metal-organic frameworks based on zinc-triazole secondary building units and benzenetricarboxylate linkers. <i>Inorganica Chimica Acta</i> , 2010, 363, 3874-3879.	1.2	14
31	Copper-Rich Framework Selenoarsenates Based on Icosahedral Cu ₈ Se ₁₃ Clusters. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 2503-2507.	0.6	13
32	Solvothermal syntheses, characterizations and properties of two new Ni(II)-PMIDA phosphonates. <i>Inorganic Chemistry Communication</i> , 2009, 12, 119-121.	1.8	11
33	Selective fluorescent sensing and photocatalytic properties of Zinc(II) and Cadmium(II) coordination architectures with naphthalene-1,5-disulfonate and 2,4,5-tri(4-pyridyl)-imidazole. <i>Inorganica Chimica Acta</i> , 2018, 482, 447-453.	1.2	11
34	Novel lead-organic framework based on 2,2'-bipyridine-3,3'-dicarboxylate ligand: Synthesis, structure and luminescence. <i>Journal of Molecular Structure</i> , 2011, 990, 204-208.	1.8	10
35	New two-dimensional metal-organic frameworks constructed from 1H-benzimidazole-5,6-dicarboxylic acid with luminescent studies. <i>Inorganica Chimica Acta</i> , 2012, 384, 105-110.	1.2	10
36	Solvothermal synthesis, crystal structure and photoluminescent property of a novel 3D $[\text{Ca}_2(\text{HCOO})_2(\text{nds})(\text{H}_2\text{O})_2]_n$. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 9-12.	1.3	8

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37	Luminescent Thermochromic Silver Iodides as Wavelength-Dependent Thermometers. <i>Inorganic Chemistry</i> , 2020, 59, 13067-13077.	1.9	8
38	Syntheses, characterization, and luminescent properties of Ca-based metal-organic frameworks based on 1,4-naphthalene dicarboxylate. <i>Inorganic Chemistry Communication</i> , 2018, 97, 69-73.	1.8	7
39	Assembly of a heterometallic organic framework with a fluorite network incorporating 8-connected metalloligands and 4-connected tetrahedral units. <i>Inorganic Chemistry Communication</i> , 2013, 32, 47-50.	1.8	6
40	Hydrothermal synthesis, crystal structure and photoluminescent property of a novel 3-D [La ₂ (C ₂ O ₄) ₂ (NO ₃)(OH)(H ₂ O)]·3H ₂ O. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1067-1069.	1.8	5
41	Modulated preparation and structural diversification of metal-organic frameworks based on 4,4'-bis(2,4,5-triyl)tripyrindine ligand. <i>Inorganica Chimica Acta</i> , 2015, 427, 240-247.	1.2	5
42	Two new 2D coordination polymers constructed from 2,6-dimethylpyridine-3,5-dicarboxylic acid ligands and alkaline earth metals (Sr and Ba). <i>Inorganic Chemistry Communication</i> , 2013, 35, 307-310.	1.8	4
43	<i>catena</i> -Poly[[aquadioxidouranium(VI)] ₃ -4,4'-oxydibenzoato]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m462-m462.	0.2	3
44	Two zinc-triazole-biphenyldicarboxylate coordination polymers affording a 3D 4-connected 2-fold interpenetrating diamond net and a 2D 6-connected hxl net. <i>Inorganic Chemistry Communication</i> , 2011, 14, 343-346.	1.8	2
45	A new acid-base indicator containing complex: Hydrothermal synthesis, crystal structure and properties of [Cd(en) ₂ (H ₂ O) ₂](MO) ₂ . <i>Journal of Molecular Structure</i> , 2012, 1013, 138-142.	1.8	2
46	Co-crystals based on 1,2,4,5-benzenetetracarboxylic Acid: Synthesis, Supramolecular Frameworks and Optical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 497-503.	0.6	2
47	Silver-Rich Hybrid Framework Iodide Based on [Ag ₈ I ₆] ²⁺ Clusters Displays Low-Temperature Dual Emission and Luminescence Thermochromism. <i>Inorganic Chemistry</i> , 2022, 61, 8662-8669.	1.9	2
48	Syntheses, crystal structures and properties of complexes with two anthracene-based bulky backbone ligands. <i>Transition Metal Chemistry</i> , 2015, 40, 69-77.	0.7	1
49	A novel metal-organic framework using heterometallic tetranuclear cluster as secondary building block and isophthalic acid as ligand. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 709-712.	1.3	1
50	Quick and easy synthesis of a novel kind of luminescent organic-inorganic hybrid colloidal particles. <i>Materials Letters</i> , 2013, 110, 134-136.	1.3	0
51	Synthesis, Crystal Structure, and Luminescent Property of a Ba(II) Coordination Polymer Based on Naphthalene-1,4,5,8-tetracarboxylic Acid 1,8-anhydride. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1236-1240.	0.6	0