

# Guan-Jun Zhang

## List of Publications by Citations

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48  
papers

336  
citations

11  
h-index

15  
g-index

53  
ext. papers

492  
ext. citations

3.3  
avg, IF

3.83  
L-index

#	Paper	IF	Citations
48	A comparative study on the accumulation, translocation and transformation of selenite, selenate, and SeNPs in a hydroponic-plant system. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 189, 109955	7	34
47	3D water-stable europium metal organic frameworks as a multi-responsive luminescent sensor for high-efficiency detection of Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> /MnO <sub>4</sub> <sup>-</sup> /Cr <sup>3+</sup> ions and SDBS in aqueous solution. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 20137-20143	3.6	31
46	A new europium metal-organic framework with both high proton conductivity and highly sensitive detection of ascorbic acid. <i>CrystEngComm</i> , <b>2018</b> , 20, 6989-6994	3.3	28
45	Three-dimensional ordered magnetic macroporous metal-organic frameworks for enzyme immobilization. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 590, 436-445	9.3	25
44	High proton conduction behavior in 12-connected 3D porous lanthanide-organic frameworks and their polymer composites. <i>CrystEngComm</i> , <b>2018</b> , 20, 3066-3073	3.3	22
43	Synthesis, crystal structure and magnetic properties of a nickel(II) complex with pyridine-substituted nitronyl nitroxide radicals. <i>Transition Metal Chemistry</i> , <b>2003</b> , 28, 621-624	2.1	14
42	2D europium coordination polymer as a regenerable fluorescence probe for efficiently detecting fipronil. <i>Analyst, The</i> , <b>2018</b> , 143, 4901-4906	5	13
41	Four new rare-earth nitronyl nitroxide radical complexes: Magnetic and luminescent properties. <i>Polyhedron</i> , <b>2018</b> , 144, 101-106	2.7	12
40	Band-Gap and Charge Transfer Engineering in Red Phosphorus-Based Composites for Enhanced Visible-Light-Driven H <sub>2</sub> Evolution. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 2285-2292	4.8	12
39	A dual-functional MOF for high proton conduction and sensitive detection of ascorbic acid. <i>Dalton Transactions</i> , <b>2020</b> , 49, 14490-14496	4.3	12
38	A family of lanthanide compounds based on nitronyl nitroxide radicals: synthesis, structure, magnetic and fluorescence properties. <i>RSC Advances</i> , <b>2017</b> , 7, 38179-38186	3.7	11
37	Preparation and properties of VO <sub>2</sub> thin films by a novel sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , <b>2014</b> , 69, 320-324	2.3	9
36	Chemistry of Hydrolysis of FeCl <sub>3</sub> in the Presence of Phosphate to Form Hematite Nanotubes and Nanorings. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 5975-5983	3.5	8
35	High proton conductivity in a nickel(ii) complex and its hybrid membrane. <i>Dalton Transactions</i> , <b>2019</b> , 48, 2190-2196	4.3	8
34	Synthesis, structures and magnetic properties of nickel(II), manganic(II) and zinc(II) complexes containing pyridyl-substituted nitronyl nitroxide and tris(2-benzimidazolymethyl)amine. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 5231-5236	2.7	8
33	Remarkable Enhancement of Proton Conductivity by Introducing Imidazole into MOFs and Forming Composite Membranes. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 794-799	2.3	8
32	Syntheses, crystal structures and magnetic properties of two new Ln(III)-nitronyl nitroxide (LnGd(III), Dy(III)) complexes. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 24, 177-180	3.1	7

31	Synthesis, crystal structure and magnetic properties of a novel complex containing a diamagnetic metal ion and thiazole-substituted nitronyl nitroxide radicals. <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 969-973	1.6	7
30	Two Lanthanide-nitronyl nitroxide radicals compounds with slow magnetic relaxation behavior. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1081, 348-354	3.4	6
29	Syntheses, crystal structures, magnetic properties of two new lanthanide-nitronyl nitroxide complexes (Ln≡Gd≡Nd). <i>Polyhedron</i> , <b>2011</b> , 30, 3177-3181	2.7	6
28	Novel N-containing heterocyclic borate ester with hydrolytic stability as lubricant additive. <i>Petroleum Chemistry</i> , <b>2017</b> , 57, 722-727	1.1	5
27	Two copper complexes based on nitronyl nitroxide with different halides: structures and magnetic properties. <i>Journal of Coordination Chemistry</i> , <b>2017</b> , 70, 487-496	1.6	4
26	Syntheses, structures and magnetic properties of four-spin Mn-Imino nitroxide radical complexes. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1133, 211-216	3.4	4
25	Syntheses and Biological Activities of Lanthanide Metal Complexes with Nitronyl Nitroxide. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2015</b> , 45, 145-150		4
24	Crystal structures and magnetic properties of two complexes synthesized from manganese and halogenophenyl-substituted nitronyl nitroxide. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 367, 135-140	2.7	4
23	Two Hydrogen-Bonded Organic Frameworks with Imidazole Encapsulation: Synthesis and Proton Conductivity. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 3908-3915	3.5	4
22	Tribological properties of 2 novel Mo/B-based lubricant additives in polyalphaolefin. <i>Lubrication Science</i> , <b>2017</b> , 29, 475-484	1.3	3
21	A phosphonate coordination polymer with highly sensitive detection of ascorbic acid and the proton conductivity of its polymer composites. <i>Polyhedron</i> , <b>2020</b> , 178, 114347	2.7	3
20	Synthesis, structure, and properties of a 1-D copper(II) complex with nitronyl nitroxide radicals. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 2076-2085	1.6	3
19	Two cobalt complexes containing different nitronyl nitroxide radicals: Structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 60, 91-94	3.1	2
18	A dual-functional metal phosphate for high proton conduction and selective luminescence turn-on sensing of Co <sup>2+</sup> ions. <i>CrystEngComm</i> , <b>2020</b> , 22, 2013-2019	3.3	2
17	A Mononuclear Lanthanide Metal Compounds Based on the Nitronyl Nitroxide Radicals: Synthesis, Crystal Structure, and Magnetic Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2016</b> , 46, 841-846		2
16	High Proton Conductivity of a Cadmium Metal-Organic Framework Constructed from Pyrazolecarboxylate and Its Hybrid Membrane. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 16337-16345	5.1	2
15	A novel rare-earth nitronyl nitroxide radical complex as a high-efficiency sensor for Cr <sup>3+</sup> and Cr <sup>2O7</sup> <sup>2-</sup> ions in aqueous solutions. <i>Inorganic and Nano-Metal Chemistry</i> , <b>2018</b> , 48, 454-460	1.2	2
14	Two new lanthanide-nitronyl nitroxide complexes: Magnetic and fluorescence properties. <i>Polyhedron</i> , <b>2018</b> , 156, 155-160	2.7	2

13	Three new lanthanide compounds based on nitronyl nitroxide radical: Crystal structure, magnetic properties, and luminescence properties. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 1430-1441	1.6	1
12	Synthesis, crystal structure and magnetic properties of a new complex containing Cu(I) and radicals, [Cu(imme2py) <sub>2</sub> ](ClO <sub>4</sub> ). <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 909-914	1.6	1
11	A Dual-Function Cobalt Metal-Organic Framework for High Proton Conduction and Selective Luminescence Sensing of Histidine. <i>Journal of the Electrochemical Society</i> , <b>2022</b> , 169, 014512	3.9	1
10	Dual-functional coordination polymers with high proton conduction behaviour and good luminescence properties. <i>Dalton Transactions</i> , <b>2021</b> , 50, 8718-8726	4.3	1
9	Promotion of Proton Conductivity by Encapsulation of Metal-Organic Polyhedra in Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 12137-12143	4.8	1
8	Regulating the proton conductivity of metal organic framework materials through solvent control. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 6657-6662	3.6	1
7	High Proton Conduction Behavior of a Water-Stable Cadmium Organic Framework and Its Polymer Composite Membranes. <i>Journal of the Electrochemical Society</i> , <b>2021</b> , 168, 064518	3.9	0
6	Two Mononuclear Tri-Spin Compounds based on the Lanthanide-Nitronyl Nitroxide Radicals: Synthesis, Crystal Structure, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 1684-1687	1.3	
5	Synthesis, Crystal Structures, and Magnetic Properties of a Cobalt Complex With Nitronyl Nitroxide Radical. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2012</b> , 42, 563-566		
4	Synthesis, Crystal Structures, and Magnetic Properties of a Cobalt Complex with Nitronyl Nitroxide Radical. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2013</b> , 43, 117-120		
3	Synthesis, crystal structure and magnetic properties of Co(NIT4Py)(H <sub>2</sub> PDA)(H <sub>2</sub> O) <sub>3</sub> . <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 1797-1803	1.6	
2	Synthesis, Crystal Structure and Magnetic Property of a Complex Containing Silver Ions with Thiazole-substituted Nitronyl Nitroxide Radicals. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2007</b> , 37, 199-201		
1	Dual-Functional Coordination Polymer with High Proton Conductivity and a Low-Detection-Limit Fluorescent Probe. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 12627-12635	3.4	