

Guan-Jun Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 Dual-Function Cobalt Metal-Organic Framework for High Proton Conduction and Selective Luminescence Sensing of Histidine. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 014512	3.9	1
47	Regulating the proton conductivity of metal organic framework materials through solvent control. <i>New Journal of Chemistry</i> , 2022 , 46, 6657-6662	3.6	1
46	Dual-Functional Coordination Polymer with High Proton Conductivity and a Low-Detection-Limit Fluorescent Probe. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 12627-12635	3.4	
45	High Proton Conductivity of a Cadmium Metal-Organic Framework Constructed from Pyrazolecarboxylate and Its Hybrid Membrane. <i>Inorganic Chemistry</i> , 2021 , 60, 16337-16345	5.1	2
44	Three-dimensional ordered magnetic macroporous metal-organic frameworks for enzyme immobilization. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 436-445	9.3	25
43	High Proton Conduction Behavior of a Water-Stable Cadmium Organic Framework and Its Polymer Composite Membranes. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 064518	3.9	0
42	Two Hydrogen-Bonded Organic Frameworks with Imidazole Encapsulation: Synthesis and Proton Conductivity. <i>Crystal Growth and Design</i> , 2021 , 21, 3908-3915	3.5	4
41	Dual-functional coordination polymers with high proton conduction behaviour and good luminescence properties. <i>Dalton Transactions</i> , 2021 , 50, 8718-8726	4.3	1
40	Promotion of Proton Conductivity by Encapsulation of Metal-Organic Polyhedra in Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2021 , 27, 12137-12143	4.8	1
39	A phosphonate coordination polymer with highly sensitive detection of ascorbic acid and the proton conductivity of its polymer composites. <i>Polyhedron</i> , 2020 , 178, 114347	2.7	3
38	A dual-functional metal phosphate for high proton conduction and selective luminescence turn-on sensing of Co ²⁺ ions. <i>CrystEngComm</i> , 2020 , 22, 2013-2019	3.3	2
37	Band-Gap and Charge Transfer Engineering in Red Phosphorus-Based Composites for Enhanced Visible-Light-Driven H ₂ Evolution. <i>Chemistry - A European Journal</i> , 2020 , 26, 2285-2292	4.8	12
36	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> , 2020 , 189, 109955	7	34
35	A dual-functional MOF for high proton conduction and sensitive detection of ascorbic acid. <i>Dalton Transactions</i> , 2020 , 49, 14490-14496	4.3	12
34	High proton conductivity in a nickel(ii) complex and its hybrid membrane. <i>Dalton Transactions</i> , 2019 , 48, 2190-2196	4.3	8
33	Remarkable Enhancement of Proton Conductivity by Introducing Imidazole into MOFs and Forming Composite Membranes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 794-799	2.3	8
32	High proton conduction behavior in 12-connected 3D porous lanthanide-organic frameworks and their polymer composites. <i>CrystEngComm</i> , 2018 , 20, 3066-3073	3.3	22

31	Four new rare-earth nitronyl nitroxide radical complexes: Magnetic and luminescent properties. <i>Polyhedron</i> , 2018 , 144, 101-106	2.7	12
30	Three new lanthanide compounds based on nitronyl nitroxide radical: Crystal structure, magnetic properties, and luminescence properties. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 1430-1441	1.6	1
29	2D europium coordination polymer as a regenerable fluorescence probe for efficiently detecting fipronil. <i>Analyst, The</i> , 2018 , 143, 4901-4906	5	13
28	A novel rare-earth nitronyl nitroxide radical complex as a high-efficiency sensor for Cr ³⁺ and Cr ₂ O ₇ ²⁻ ions in aqueous solutions. <i>Inorganic and Nano-Metal Chemistry</i> , 2018 , 48, 454-460	1.2	2
27	A new europium metal-organic framework with both high proton conductivity and highly sensitive detection of ascorbic acid. <i>CrystEngComm</i> , 2018 , 20, 6989-6994	3.3	28
26	3D water-stable europium metal organic frameworks as a multi-responsive luminescent sensor for high-efficiency detection of Cr ₂ O ₇ ²⁻ /MnO ₄ ⁻ /Cr ³⁺ ions and SDBS in aqueous solution. <i>New Journal of Chemistry</i> , 2018 , 42, 20137-20143	3.6	31
25	Two new lanthanide-nitronyl nitroxide complexes: Magnetic and fluorescence properties. <i>Polyhedron</i> , 2018 , 156, 155-160	2.7	2
24	Two copper complexes based on nitronyl nitroxide with different halides: structures and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 487-496	1.6	4
23	Tribological properties of 2 novel Mo/B ₂ O ₃ -based lubricant additives in polyalphaolefin. <i>Lubrication Science</i> , 2017 , 29, 475-484	1.3	3
22	Syntheses, structures and magnetic properties of four-spin Mn-Imino nitroxide radical complexes. <i>Journal of Molecular Structure</i> , 2017 , 1133, 211-216	3.4	4
21	Chemistry of Hydrolysis of FeCl ₃ in the Presence of Phosphate to Form Hematite Nanotubes and Nanorings. <i>Crystal Growth and Design</i> , 2017 , 17, 5975-5983	3.5	8
20	A family of lanthanide compounds based on nitronyl nitroxide radicals: synthesis, structure, magnetic and fluorescence properties. <i>RSC Advances</i> , 2017 , 7, 38179-38186	3.7	11
19	Novel N-containing heterocyclic borate ester with hydrolytic stability as lubricant additive. <i>Petroleum Chemistry</i> , 2017 , 57, 722-727	1.1	5
18	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> , 2016 , 46, 841-846		2
17	Two cobalt complexes containing different nitronyl nitroxide radicals: Structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2015 , 60, 91-94	3.1	2
16	Two Lanthanide-nitronyl nitroxide radicals compounds with slow magnetic relaxation behavior. <i>Journal of Molecular Structure</i> , 2015 , 1081, 348-354	3.4	6
15	Syntheses and Biological Activities of Lanthanide Metal Complexes with Nitronyl Nitroxide. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015 , 45, 145-150		4
14	Preparation and properties of VO ₂ thin films by a novel sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 69, 320-324	2.3	9

- 13 Two Mononuclear Tri-Spin Compounds based on the Lanthanide-Nitronyl Nitroxide Radicals: Synthesis, Crystal Structure, and Magnetic Properties. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2014**, 640, 1684-1687 1.3
- 12 Synthesis, Crystal Structures, and Magnetic Properties of a Cobalt Complex with Nitronyl Nitroxide Radical. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **2013**, 43, 117-120
- 11 Syntheses, crystal structures and magnetic properties of two new Ln(III)-nitronyl nitroxide (LnGd(III), Dy(III)) complexes. *Inorganic Chemistry Communication*, **2012**, 24, 177-180 3.1 7
- 10 Synthesis, Crystal Structures, and Magnetic Properties of a Cobalt Complex With Nitronyl Nitroxide Radical. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **2012**, 42, 563-566
- 9 Syntheses, crystal structures, magnetic properties of two new lanthanide-nitronyl nitroxide complexes (LnGdNd) *Polyhedron*, **2011**, 30, 3177-3181 2.7 6
- 8 Crystal structures and magnetic properties of two complexes synthesized from manganese and halogenophenyl-substituted nitronyl nitroxide. *Inorganica Chimica Acta*, **2011**, 367, 135-140 2.7 4
- 7 Synthesis, structures and magnetic properties of nickel(II), manganic(II) and zinc(II) complexes containing pyridyl-substituted nitronyl nitroxide and tris(2-benzimidazolymethyl)amine. *Inorganica Chimica Acta*, **2009**, 362, 5231-5236 2.7 8
- 6 Synthesis, structure, and properties of a 1-D copper(II) complex with nitronyl nitroxide radicals. *Journal of Coordination Chemistry*, **2009**, 62, 2076-2085 1.6 3
- 5 Synthesis, crystal structure and magnetic properties of Co(NIT4Py)(H2PDA)(H2O)3. *Journal of Coordination Chemistry*, **2008**, 61, 1797-1803 1.6
- 4 Synthesis, Crystal Structure and Magnetic Property of a Complex Containing Silver Ions with Thiazole-substituted Nitronyl Nitroxide Radicals. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **2007**, 37, 199-201
- 3 Synthesis, crystal structure and magnetic properties of a novel complex containing a diamagnetic metal ion and thiazole-substituted nitronyl nitroxide radicals. *Journal of Coordination Chemistry*, **2005**, 58, 969-973 1.6 7
- 2 Synthesis, crystal structure and magnetic properties of a new complex containing Cu(I) and radicals, [Cu(imme2py)2](ClO4). *Journal of Coordination Chemistry*, **2005**, 58, 909-914 1.6 1
- 1 Synthesis, crystal structure and magnetic properties of a nickel(II) complex with pyridine-substituted nitronyl nitroxide radicals. *Transition Metal Chemistry*, **2003**, 28, 621-624 2.1 14