Guan-Jun Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

53	629	623188	642321
papers	citations	14 h-index	23 g-index

53	53	53	679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three-dimensional ordered magnetic macroporous metal-organic frameworks for enzyme immobilization. Journal of Colloid and Interface Science, 2021, 590, 436-445.	5.0	89
2	A comparative study on the accumulation, translocation and transformation of selenite, selenate, and SeNPs in a hydroponic-plant system. Ecotoxicology and Environmental Safety, 2020, 189, 109955.	2.9	70
3	3D water-stable europium metal organic frameworks as a multi-responsive luminescent sensor for high-efficiency detection of Cr₂O₇^{2â}, MnO₄^â, Cr³⁺ ions and SDBS in aqueous solution. New Journal of Chemistry, 2018, 42, 20137-20143.	1.4	43
4	A dual-functional MOF for high proton conduction and sensitive detection of ascorbic acid. Dalton Transactions, 2020, 49, 14490-14496.	1.6	37
5	A new europium metalâ€“organic framework with both high proton conductivity and highly sensitive detection of ascorbic acid. CrystEngComm, 2018, 20, 6989-6994.	1.3	36
6	High proton conduction behavior in 12-connected 3D porous lanthanideâ€“organic frameworks and their polymer composites. CrystEngComm, 2018, 20, 3066-3073.	1.3	34
7	Two Hydrogen-Bonded Organic Frameworks with Imidazole Encapsulation: Synthesis and Proton Conductivity. Crystal Growth and Design, 2021, 21, 3908-3915.	1.4	25
8	Bandâ€Gap and Charge Transfer Engineering in Red Phosphorusâ€Based Composites for Enhanced Visibleâ€Lightâ€Driven H₂ Evolution. Chemistry - A European Journal, 2020, 26, 2285-2292.	1.7	19
9	2D europium coordination polymer as a regenerable fluorescence probe for efficiently detecting fipronil. Analyst, The, 2018, 143, 4901-4906.	1.7	18
10	Four new rare-earth nitronyl nitroxide radical complexes: Magnetic and luminescent properties. Polyhedron, 2018, 144, 101-106.	1.0	15
11	A dual-function Cd-MOF with high proton conduction and excellent fluorescence detection of pyridine. Dalton Transactions, 2022, 51, 6687-6695.	1.6	15
12	Title is missing!. Transition Metal Chemistry, 2003, 28, 621-624.	0.7	14
13	A family of lanthanide compounds based on nitronyl nitroxide radicals: synthesis, structure, magnetic and fluorescence properties. RSC Advances, 2017, 7, 38179-38186.	1.7	14
14	Remarkable Enhancement of Proton Conductivity by Introducing Imidazole into MOFs and Forming Composite Membranes. European Journal of Inorganic Chemistry, 2019, 2019, 794-799.	1.0	14
15	High Proton Conductivity of a Cadmium Metalâ€“Organic Framework Constructed from Pyrazolecarboxylate and Its Hybrid Membrane. Inorganic Chemistry, 2021, 60, 16337-16345.	1.9	14
16	Preparation and properties of VO2 thin films by a novel solâ€“gel process. Journal of Sol-Gel Science and Technology, 2014, 69, 320-324.	1.1	12
17	High proton conductivity in a nickel(<scp>ii</scp>) complex and its hybrid membrane. Dalton Transactions, 2019, 48, 2190-2196.	1.6	12
18	Chemistry of Hydrolysis of FeCl3 in the Presence of Phosphate to Form Hematite Nanotubes and Nanorings. Crystal Growth and Design, 2017, 17, 5975-5983.	1.4	10

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19	Promotion of Proton Conductivity by Encapsulation of Metalâ€Organic Polyhedra in Metalâ€Organic Frameworks. Chemistry - A European Journal, 2021, 27, 12137-12143.	1.7	10
20	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.	1.2	8
21	Two Lanthanideâ€“nitronyl nitroxide radicals compounds with slow magnetic relaxation behavior. Journal of Molecular Structure, 2015, 1081, 348-354.	1.8	8
22	Syntheses and Biological Activities of Lanthanide Metal Complexes with Nitronly Nitroxide. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 145-150.	0.6	8
23	A dual-functional metal phosphate for high proton conduction and selective luminescence turn-on sensing of Co²⁺ ions. CrystEngComm, 2020, 22, 2013-2019.	1.3	8
24	Designable Guestâ€Molecule Encapsulation in Metalâ€“Organic Frameworks for Proton Conductivity. Chemistry - A European Journal, 2022, 28, .	1.7	8
25	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.	0.8	7
26	Syntheses, crystal structures and magnetic properties of two new Ln(III)-nitronyl nitroxide (LnGd(III),) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	7
27	Novel N-containing heterocyclic borate ester with hydrolytic stability as lubricant additive. Petroleum Chemistry, 2017, 57, 722-727.	0.4	7
28	Bifunctional Metalâ€“Organic Framework Functionalized by Dimethylamine Cations: Proton Conduction and Iodine Vapor Adsorption. Inorganic Chemistry, 2022, 61, 9533-9540.	1.9	7
29	Syntheses, crystal structures, magnetic properties of two new lanthanide-nitronyl nitroxide complexes (LnÐ¨=GdÐ¨, NdÐ¨). Polyhedron, 2011, 30, 3177-3181.	1.0	6
30	Dual-functional coordination polymers with high proton conduction behaviour and good luminescence properties. Dalton Transactions, 2021, 50, 8718-8726.	1.6	6
31	Tribological properties of 2 novel Mo/Bâ€“based lubricant additives in polyalphaolefin. Lubrication Science, 2017, 29, 475-484.	0.9	5
32	Crystal structures and magnetic properties of two complexes synthesized from manganese and halogenophenyl-substituted nitronyl nitroxide. Inorganica Chimica Acta, 2011, 367, 135-140.	1.2	4
33	Two copper complexes based on nitronyl nitroxide with different halides: structures and magnetic properties. Journal of Coordination Chemistry, 2017, 70, 487-496.	0.8	4
34	Syntheses, structures and magnetic properties of four-spin Mn-Imino nitroxide radical complexes. Journal of Molecular Structure, 2017, 1133, 211-216.	1.8	4
35	A phosphonate coordination polymer with highly sensitive detection of ascorbic acid and the proton conductivity of its polymer composites. Polyhedron, 2020, 178, 114347.	1.0	4
36	Synthesis, structure, and properties of a 1-D copper(II) complex with nitronyl nitroxide radicals. Journal of Coordination Chemistry, 2009, 62, 2076-2085.	0.8	3

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37	Two cobalt complexes containing different nitronyl nitroxide radicals: Structure and magnetic properties. Inorganic Chemistry Communication, 2015, 60, 91-94.	1.8	3
38	Two new lanthanide-nitronyl nitroxide complexes: Magnetic and fluorescence properties. Polyhedron, 2018, 156, 155-160.	1.0	3
39	High Proton Conduction Behavior of a Water-Stable Cadmium Organic Framework and Its Polymer Composite Membranes. Journal of the Electrochemical Society, 2021, 168, 064518.	1.3	3
40	A Dual-Function Cobalt Metal-Organic Framework for High Proton Conduction and Selective Luminescence Sensing of Histidine. Journal of the Electrochemical Society, 2022, 169, 014512.	1.3	3
41	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.	0.8	2
42	A Mononuclear Lanthanide Metal Compounds Based on the Nitronyl Nitroxide Radicals: Synthesis, Crystal Structure, and Magnetic Properties. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 841-846.	0.6	2
43	A novel rare-earth nitronyl nitroxide radical complex as a high-efficiency sensor for Cr³⁺ and Cr₂O₇^{2â”} ions in aqueous solutions. Inorganic and Nano-Metal Chemistry, 2018, 48, 454-460.	0.9	2
44	Frontispiece: Designable Guestâ€Molecule Encapsulation in Metalâ€“Organic Frameworks for Proton Conductivity. Chemistry - A European Journal, 2022, 28, .	1.7	2
45	Three new lanthanide compounds based on nitronyl nitroxide radical: Crystal structure, magnetic properties, and luminescence properties. Journal of Coordination Chemistry, 2018, 71, 1430-1441.	0.8	1
46	Dual-Functional Coordination Polymer with High Proton Conductivity and a Low-Detection-Limit Fluorescent Probe. Journal of Physical Chemistry B, 2021, 125, 12627-12635.	1.2	1
47	Regulating the proton conductivity of metal organic framework materials through solvent control. New Journal of Chemistry, 2022, 46, 6657-6662.	1.4	1
48	Integrating CdS and Titanium Oxide Clusters with Molecular Redox Catalysts into Metalâ€Organic Frameworks Promoting Photocatalytic Efficient H ₂ Evolution. ChemCatChem, 0, , .	1.8	1
49	Synthesis, Crystal Structure and Magnetic Property of a Complex Containing Silver Ions with Thiazoleâ€substituted Nitronyl Nitroxide Radicals. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2007, 37, 199-201.	0.6	0
50	Synthesis, crystal structure and magnetic properties of Co(NIT4Py)(H2PDA)(H2O)3. Journal of Coordination Chemistry, 2008, 61, 1797-1803.	0.8	0
51	Synthesis, Crystal Structures, and Magnetic Properties ofÂaÂCobalt Complex With Nitronyl Nitroxide Radical. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 563-566.	0.6	0
52	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.	0.6	0
53	Two Mononuclear Triâ€Spin Compounds based on the Lanthanideâ€Nitronyl Nitroxide Radicals: Synthesis, Crystal Structure, and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1684-1687.	0.6	0