Xiu-Mei Zhang

List of Publications by Year
in descending order

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31	724	567281	526287
papers	citations	15 h-index	27 g-index

31	31	31	719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metamagnetism and slow magnetic dynamics in an antiferromagnet composed of cobalt(ii) chains with mixed azideâ€“carboxylate bridges. Chemical Communications, 2011, 47, 1815-1817.	4.1	107
2	Synthesis, Structures, and Magnetism of Copper(II) and Manganese(II) Coordination Polymers with Azide and Pyridylbenzoates. Inorganic Chemistry, 2011, 50, 7284-7294.	4.0	88
3	Manganese(ii) coordination polymers with mixed azide and pyridylbenzoate N-oxide ligands: structures and magnetism. Dalton Transactions, 2012, 41, 2026-2033.	3.3	51
4	2D carboxylate-bridged Ln^{III} coordination polymers: displaying slow magnetic relaxation and luminescence properties in the detection of Fe³⁺, Cr₂O₇^{2â”} and nitrobenzene. Dalton Transactions, 2017, 46, 13878-13887.	3.3	51
5	A stable anionic metalâ€“organic framework with open coordinated sites: selective separation toward cationic dyes and sensing properties. CrystEngComm, 2019, 21, 1159-1167.	2.6	42
6	Two 2D multiresponsive luminescence coordination polymers for selective sensing of Fe³⁺, Cr^{VI} anions and TNP in aqueous medium. CrystEngComm, 2019, 21, 5185-5194.	2.6	40
7	Isomorphous Co(ii) and Ni(ii) antiferromagnets based on mixed azide- and carboxylate-bridged chains: metamagnetism and single-chain dynamics. Dalton Transactions, 2011, 40, 12742.	3.3	33
8	Azideâ€Bridged Copper(II) and Manganese(II) Compounds with a Zwitterionic Tetrazolate Ligand: Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2011, 2011, 4738-4744.	2.0	30
9	3D Co(<scp>ii</scp>) coordination polymer with ferrimagnetic-like layers based on azide and tetrazolate bridges showing slow magnetic dynamics. Dalton Transactions, 2015, 44, 511-514.	3.3	28
10	Chain Compounds Based on Tetranuclear Basic Copper(II) Carboxylate Clusters and Quadruple Zwitterionic Linkers: Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2010, 2010, 1249-1254.	2.0	27
11	Four metalâ€“organic frameworks based on the 5-(1H-tetrazol-5-yl)isophthalic acid ligand: luminescence and magnetic properties. CrystEngComm, 2016, 18, 1523-1531.	2.6	23
12	3D Ln^{III}-MOFs: displaying slow magnetic relaxation and highly sensitive luminescence sensing of alkylamines. CrystEngComm, 2019, 21, 694-702.	2.6	22
13	3D Ln-MOFs containing pentanuclear clusters exhibiting magnetic refrigeration and slow magnetic relaxation. CrystEngComm, 2017, 19, 3660-3665.	2.6	20
14	Six novel coordination polymers based on the 5-(1H-tetrazol-5-yl)isophthalic acid ligand: structures, luminescence, and magnetic properties. CrystEngComm, 2018, 20, 1985-1996.	2.6	17
15	A new cube-based dodecanuclear cobalt(<scp>ii</scp>) cluster with azide and tetrazolate ligands exhibiting ferromagnetic ordering. Dalton Transactions, 2015, 44, 13581-13585.	3.3	16
16	Four coordination polymers based on dinuclear and trinuclear units with a new multifunctional pyridyl-dicarboxylate ligand: luminescence and magnetic properties. CrystEngComm, 2017, 19, 5755-5763.	2.6	16
17	Water-stable Ln^{III}-based coordination polymers displaying slow magnetic relaxation and luminescence sensing properties. New Journal of Chemistry, 2020, 44, 6747-6759.	2.8	15
18	Construction of three lanthanide metal-organic frameworks: Synthesis, structure, magnetic properties and highly selective sensing of metal ions. Journal of Solid State Chemistry, 2016, 244, 6-11.	2.9	14

#	Article	IF	Citations
19	Four 3D coordination polymers based on layers with single synâ€“anti carboxylate bridges: synthesis, structures, and magnetic properties. RSC Advances, 2018, 8, 14101-14108.	3.6	13
20	Spin-canting magnetization in 3D metal organic frameworks based on strip-shaped Î”-chains. RSC Advances, 2015, 5, 76752-76758.	3.6	12
21	Three 3D LnIII-MOFs based on a nitro-functionalized biphenyltricarboxylate ligand: syntheses, structures, and magnetic properties. CrystEngComm, 2020, 22, 267-274.	2.6	11
22	Multifunctional Znâ€“Ln (Ln = Eu and Tb) heterometallic metalâ€“organic frameworks with highly efficient I₂ capture, dye adsorption, luminescence sensing and white-light emission. Dalton Transactions, 2021, 50, 11619-11630.	3.3	11
23	Metalâ€“organic supramolecular architectures derived from a new zwitterionic dicarboxylate ligand. Journal of Coordination Chemistry, 2011, 64, 244-255.	2.2	9
24	A water-stable Zn(II) coordination polymer for a high sensitivity detection of Fe3+ and 2,4,6-trinitrophenol. Journal of Solid State Chemistry, 2022, 310, 123079.	2.9	8
25	Recyclable luminescence sensor for Cu2+, Cr2O72â¯ and CrO42â¯ in water and acid/base vapor response based on water-stable bipyridyl-based Ln-MOFs. Journal of Solid State Chemistry, 2022, 314, 123423.	2.9	6
26	Four 3D Mn(II) coordination polymers with diverse carboxylate-bridged magnetic chains: Syntheses, crystal structures, magnetic properties. Inorganica Chimica Acta, 2019, 484, 414-423.	2.4	5
27	2D/3D coordination polymers based on di-, tri-, tetranuclear and polymeric chain units with a tricarboxylate ligand: Structures, magnetic and luminescent properties. Inorganica Chimica Acta, 2020, 513, 119944.	2.4	4
28	Novel 3D anionic heterometallic frameworks based on trinuclear Co^{II} and trinuclear Ln^{III} motifs displaying slow magnetic relaxation and selective adsorption of methylene blue. CrystEngComm, 2020, 22, 7639-7647.	2.6	3
29	Synthesis, Structure and Magnetic Properties of a Copper(II) Coordination Polymer with Mixed Azide, Carboxylate and Isoxazolate Bridges. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2556-2559.	1.2	1
30	A two-fold interpenetrating Pb(II) coordination compound: synthesis, crystal structure, and luminescence properties. Inorganic and Nano-Metal Chemistry, 2023, 53, 19-22.	1.6	1
31	Slow relaxation and magnetic coupling of magnetization in 3D CoII2-xZnIIx chain-based coordination frameworks with mixed double azide-tetrazolate bridges. Journal of Solid State Chemistry, 2018, 268, 108-114.	2.9	0