

Zi-Lu Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Unveiling the boosting of metal organic cage leaching substance on the electrocatalytic oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 1035-1042.	5.0	6
2	Two Heterometallic Nanoclusters [Dy ^{III} ₄ Ni ^{II} ₈] and [Dy ^{III} ₁₀ Mn ^{III} ₄ Mn ^{II} ₂]: Structure, Assembly Mechanism, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2022, 61, 3655-3663.	1.9	5
3	Two tetranuclear Cu ₂ Ln ₂ (Ln = Dy, Tb) heterometallic complexes: Structure, solution behavior, and magnetic properties. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	2
4	Structural and magnetic studies of six-coordinated Schiff base Dy(III) complexes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3059-3070.	3.0	12
5	Heterometallic Metal-Organic Framework Based on [Cu ₄] and [Hf ₆ O ₈] Clusters for Adsorption of Iodine. <i>Frontiers in Chemistry</i> , 2022, 10, 864131.	1.8	11
6	Acid and alkali-resistant Dy ₄ coordination clusters: synthesis, structure and slow magnetic relaxation behaviors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3854-3862.	2.7	18
7	Synthesis and anticancer activity of mixed ligand 3d metal complexes. <i>Metallomics</i> , 2021, 13, .	1.0	1
8	Hierarchical Fe ₂ O ₃ @MoS ₂ /C Nanorods as Anode Materials for Sodium Ion Batteries with High Cycle Stability. <i>ACS Applied Energy Materials</i> , 2021, 4, 3757-3765.	2.5	12
9	Two Decanuclear Dy ^{III} ₁₀ Co ^{II} ₁₀ (x = 2, 4) Nanoclusters: Structure, Assembly Mechanism, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 4904-4914.	1.9	14
10	Exploring the functional relation of magnetic density and magnetocaloric effect based on a dinuclear system. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6325.	1.7	3
11	Synthesis, Characterization, DNA/HSA Interactions, and Anticancer Activity of Two Novel Copper(II) Complexes with 4-Chloro-3-Nitrobenzoic Acid Ligand. <i>Molecules</i> , 2021, 26, 4028.	1.7	14
12	Co ^{II} -Zn ^{II} Heterometallic Dinuclear Complex with Enhanced Photocatalytic Activity for CO ₂ -to-CO Conversion in a Water-Containing System. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9273-9281.	3.2	16
13	Superb Alkali-Resistant Dy ^{III} ₂ Ni ^{II} ₄ Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2021, 60, 14752-14758.	1.9	6
14	Guest-Induced Switching of a Molecule-Based Magnet in a 3d ^{4f} Heterometallic Cluster-Based Chain Structure. <i>Inorganic Chemistry</i> , 2021, 60, 633-641.	1.9	6
15	Structure, assembly mechanism and magnetic properties of heterometallic dodecanuclear nanoclusters Dy ₄ M ₈ (M = Ni, Co). <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5214-5224.	3.0	10
16	Antitumor Activities for Two Pt(II) Complexes of Tropolone and 8-Hydroxyquinoline Derivative. <i>Inorganic Chemistry</i> , 2021, 60, 16128-16139.	1.9	13
17	Single-molecule magnet achieved through topological tuning with sodium ions. <i>CrystEngComm</i> , 2021, 23, 8490-8497.	1.3	1
18	Constructing an interface synergistic effect from a SnS/MoS ₂ heterojunction decorating N, S co-doped carbon nanosheets with enhanced sodium ion storage performance. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22593-22600.	5.2	58

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19	Synthesis and antitumor activities of transition metal complexes of a bis-Schiff base of 2-hydroxy-1-naphthalenecarboxaldehyde. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111173.	1.5	22
20	Structure and Magnetic Properties of Two Discrete 3d ⁴ f Heterometallic Complexes. <i>ChemistrySelect</i> , 2020, 5, 9946-9951.	0.7	2
21	Mitochondria-localizing dicarbohydrazide Ln complexes and their mechanism of in vitro anticancer activity. <i>Dalton Transactions</i> , 2020, 49, 4404-4415.	1.6	14
22	Temperature-induced formation of two dinuclear dysprosium complexes with different magnetic properties. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5622.	1.7	5
23	Cyclometalated Ir(III)-8-oxychinolin complexes acting as red-colored probes for specific mitochondrial imaging and anticancer drugs. <i>European Journal of Medicinal Chemistry</i> , 2020, 192, 112192.	2.6	22
24	Tuning slow magnetic relaxation behaviour in a {Dy ₂ } ²⁺ -based one-dimensional chain <i>via</i> crystal field perturbation. <i>RSC Advances</i> , 2020, 10, 11831-11835.	1.7	3
25	Two Dy(III) Single-Molecule Magnets with Their Performance Tuned by Schiff Base Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 1191-1200.	1.9	50
26	Bifunctional Mononuclear Dysprosium Complexes: Single-Ion Magnet Behaviors and Antitumor Activities. <i>Inorganic Chemistry</i> , 2019, 58, 2286-2298.	1.9	50
27	High <i>in vitro</i> and <i>in vivo</i> antitumor activities of Ln(III) complexes with mixed 5,7-dichloro-2-methyl-8-quinolinol and 4,4'-dimethyl-2,2'-bipyridyl chelating ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 169, 103-110.	2.6	32
28	Discovery of high <i>in vitro</i> and <i>in vivo</i> antitumor activities of organometallic ruthenium(II)-arene complexes with 5,7-dihalogenated-2-methyl-8-quinolinol. <i>Dalton Transactions</i> , 2019, 48, 5352-5360.	1.6	57
29	Three Dy(III) single-ion magnets bearing the tropolone ligand: structure, magnetic properties and theoretical elucidation. <i>Dalton Transactions</i> , 2019, 48, 6627-6637.	1.6	13
30	Structure and anticancer activities of four Cu(II) complexes bearing tropolone. <i>Metallomics</i> , 2019, 11, 1952-1964.	1.0	18
31	Triethylamine-templated nanocalix Ln ₁₂ clusters of diacylhydrazone: crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2019, 48, 17414-17421.	1.6	17
32	Two mononuclear dysprosium(III) complexes with their slow magnetic relaxation behaviors tuned by coordination geometry. <i>Dalton Transactions</i> , 2019, 48, 16679-16686.	1.6	21
33	A family of 3d metal clusters based on N-N single bonds bridged quasi-linear trinuclear cores: the Mn analogue displaying single-molecule magnet behavior. <i>RSC Advances</i> , 2018, 8, 6218-6224.	1.7	8
34	Heterometallic hexanuclear Ni ₄ M ₂ (M = Dy, Y) complexes: structure and single-molecule magnet for the Dy(III) derivative. <i>Dalton Transactions</i> , 2018, 47, 1801-1807.	1.6	14
35	Diacylhydrazone-assembled {Ln ₁₁ } nanoclusters featuring a "double-boats conformation" topology: synthesis, structures and magnetism. <i>Dalton Transactions</i> , 2018, 47, 2337-2343.	1.6	56
36	Synthesis, structure and magnetic properties of two mixed-valence icosanuclear nanocages. <i>Dalton Transactions</i> , 2018, 47, 15141-15147.	1.6	2

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37	Mixed chelating ligands used to regulate the luminescence of Ln($\text{Ln}(\text{III})$) complexes and single-ion magnet behavior in Dy-based analogues. <i>Dalton Transactions</i> , 2018, 47, 15929-15940.	1.6	29
38	Transition Metal Acetate Promoted Syntheses of Some New N -Heterocycles by Multicomponent Reactions. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 531-538.	1.4	3
39	Synthesis and structures of two cobalt compounds of 2-amino-2-methyl-1-propanol. <i>Journal of Chemical Sciences</i> , 2017, 129, 31-37.	0.7	0
40	Structural and magnetic properties of manganese and nickel clusters with 9,10-phenanthroline-9-oxime ligands. <i>Transition Metal Chemistry</i> , 2017, 42, 421-426.	0.7	2
41	A series of 3d metal complexes prepared by in situ reactions of a flexible diacylhydrazine ligand: synthesis, structures and magnetic properties. <i>Transition Metal Chemistry</i> , 2017, 42, 17-23.	0.7	5
42	High-nuclearity heterometallic clusters with both an anion and a cation sandwiched by planar cluster units: synthesis, structure and properties. <i>Dalton Transactions</i> , 2017, 46, 15032-15039.	1.6	15
43	Synthesis and structures of two new Cu(I) frameworks bearing 1,3-bis(4-pyridyl)propane and inorganic linkers. <i>Journal of Chemical Sciences</i> , 2016, 128, 893-898.	0.7	2
44	Manganese clusters of aromatic oximes: synthesis, structure and magnetic properties. <i>Dalton Transactions</i> , 2016, 45, 15634-15643.	1.6	12
45	A single-stranded $\{\text{Gd}_{18}\}$ nanowheel with a symmetric polydentate diacylhydrazone ligand. <i>Chemical Communications</i> , 2016, 52, 8297-8300.	2.2	77
46	Synthesis, Structure, and Magnetic Properties of a Series of Dinuclear Lanthanide Complexes Assembled by Acetate and a Schiff Base Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 521-526.	0.6	1
47	Synthesis, structure and properties of an octahedral dinuclear-based Cu_{12} nanocage of trimesoyltri(L -alanine). <i>RSC Advances</i> , 2016, 6, 9911-9915.	1.7	13
48	Synthesis, Structure and Magnetic Properties of a 3D Manganese(II) Framework Featuring a Heptanodal Topology and Tube-in-Tube Dihelical Chains. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1463-1468.	1.0	4
49	Synthesis, Structure and Magnetic Properties of a Mn_{II} Framework Assembled by Two Carboxylate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2478-2483.	0.6	0
50	One-dimensional Co(II)/Ni(II) complexes of 2-hydroxyisophthalate: Structures and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2015, 226, 36-41.	1.4	4
51	Two Types of Cu-Ln Heterometallic Coordination Polymers with 2-Hydroxyisophthalate: Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2015, 15, 2883-2890.	1.4	35
52	Three discrete transition metal complexes of N-hydroxy-1,8-naphthalimidato ligand: synthesis, structure and magnetic properties. <i>Transition Metal Chemistry</i> , 2015, 40, 839-846.	0.7	2
53	Experimental and theoretical investigations of four $3d-4f$ butterfly single-molecule magnets. <i>Dalton Transactions</i> , 2015, 44, 18544-18552.	1.6	39
54	Three Linear Trinuclear Zinc(II) Complexes with Acenaphthenequinone Dioxime and the Ancillary Ligand 2-Amino-2-methyl-1-propanol in Different Coordination Modes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 1000-1006.	0.6	2

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55	Series of edge-sharing bi-triangle Ln ₄ clusters with a μ_4 -NO ₃ ^â bridge: syntheses, structures, luminescence, and the SMM behavior of the Dy ₄ analogue. Dalton Transactions, 2014, 43, 2581-2587.	1.6	37
56	A two-dimensional homospin Cu(ii) ferrimagnet featuring S-shaped hexanuclear secondary building blocks. Dalton Transactions, 2014, 43, 8154.	1.6	12
57	Copper(II) Clusters of Two Pairs of 2,3-Dihydroxybutanedioyl Dihydrazones: Synthesis, Structure, and Magnetic Properties. European Journal of Inorganic Chemistry, 2014, 2014, 5783-5792.	1.0	3
58	A Series of Coordination Polymers Exhibiting Dual Chiral Features and Diverse Interhelical Interactions. Crystal Growth and Design, 2013, 13, 3389-3395.	1.4	17
59	Hydrothermal syntheses, crystal structures and fluorescent properties of five transition metal-organic hybrids incorporating an unsymmetrical benzotriazole carboxylate ligand. Transition Metal Chemistry, 2013, 38, 327-334.	0.7	5
60	Synthesis and Structures of Two Dinuclear Transition Metal Complexes and Their Catalytic Applications in Hydrogenation of Ketones. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1834-1839.	0.6	2
61	A six-bladed impeller-like Cu ₁₈ nanocluster with S ₆ symmetry constructed from simple inorganic linkers. Chemical Communications, 2012, 48, 11689.	2.2	21
62	Novel 1D Copper(II) Helical Chain Formed by Weak Coordination-driven Self-assembly: Synthesis, Structure, and Magnetic Property. Chinese Journal of Chemistry, 2012, 30, 1052-1056.	2.6	2
63	Synthesis, crystal structures, and magnetic properties of three isomorphous helical coordination polymers. Transition Metal Chemistry, 2012, 37, 291-296.	0.7	5
64	Structure and fluorescent properties of mercury(ii) pyridine-2,3-dicarboxylate coordination polymers tuned by ancillary ligands and alkaline-earth metal ions. CrystEngComm, 2011, 13, 2029.	1.3	31
65	Complexes based on ferrocenecarboxylate ligands: steric hindrance induced by ferrocenyl groups. Journal of Coordination Chemistry, 2011, 64, 3718-3728.	0.8	3
66	Structure, adsorption and magnetic properties of chiral metal-organic frameworks bearing linear trinuclear secondary building blocks. Dalton Transactions, 2011, 40, 1911.	1.6	44
67	Synthesis and Crystal Structures of Two Metal Complexes Formed in the Solvothermal Decomposition Reactions of N-Carboxyphenylenesulfonyl-S-Carboxymethyl-L-Cysteine. Journal of Chemical Crystallography, 2011, 41, 1510-1514.	0.5	2
68	A 1D zinc(II) polymer with W-like pentanuclear secondary building blocks constructed by 2,6-pyridine-diacylhydrazone ligand. Structural Chemistry, 2011, 22, 559-565.	1.0	5
69	Synthesis, crystal structure, and luminescent properties of metal complexes bearing 2,6-pyridine-diacylhydrazide ligands: supramolecular assemblies via intermolecular interactions. Transition Metal Chemistry, 2011, 36, 369-378.	0.7	9
70	Hydrogen-bonded supramolecular structures constructed from trinuclear copper units. Transition Metal Chemistry, 2011, 36, 653-662.	0.7	6
71	Synthesis, Characterization, and Properties of Four Metal Complexes with Multidentate N-acylsalicylhydrazide Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1401-1408.	0.6	9
72	Three Copper(II) Complexes of a Tris(2-pyridylmethyl)amine Ligand: Synthesis and Structural Characterization. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2294-2299.	0.6	5

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73	A 1D copper(II) chain featuring novel hexanuclear secondary building blocks: Synthesis, crystal structure and magnetic property. <i>Inorganic Chemistry Communication</i> , 2011, 14, 784-787.	1.8	10
74	Construction of Planar Clusters Using Planar Aromatic Polyoxime Ligands: Synthesis, Structure, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2010, 10, 4806-4814.	1.4	25
75	Syntheses, Crystal Structures and Properties of Lanthanide(III) Complexes with N-Protected Aminoacid of N-p-Tosylglycinate. <i>Chinese Journal of Chemistry</i> , 2006, 24, 193-198.	2.6	5
76	Synthesis and crystal structure of heteronuclear La(III)–Cu(II) complex { [LaCu ₂ (NTA) ₂ (4,4'-bpy)(H ₂ O) ₃]NO ₃ ·5H ₂ O} · i> Chinese Journal of Chemistry, 2000, 18, 828-833.		