

Zi-Lu Chen

List of Publications by Year in descending order

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76
papers

1,125
citations

430442

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454577

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docs citations

76
times ranked

1123
citing authors

#	ARTICLE	IF	CITATIONS
1	A single-stranded {Gd ₁₈ } nanowheel with a symmetric polydentate diacylhydrazone ligand. <i>Chemical Communications</i> , 2016, 52, 8297-8300.	2.2	77
2	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
3	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
4	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
5	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
6	Bifunctional Mononuclear Dysprosium Complexes: Single-Ion Magnet Behaviors and Antitumor Activities. <i>Inorganic Chemistry</i> , 2019, 58, 2286-2298.	1.9	50
7	Structure, adsorption and magnetic properties of chiral metal-organic frameworks bearing linear trinuclear secondary building blocks. <i>Dalton Transactions</i> , 2011, 40, 1911.	1.6	44
8	Experimental and theoretical investigations of four 3d-4f butterfly single-molecule magnets. <i>Dalton Transactions</i> , 2015, 44, 18544-18552.	1.6	39
9	Series of edge-sharing bi-triangle Ln ₄ clusters with a $\frac{1}{4}\text{-NO}_3$ bridge: syntheses, structures, luminescence, and the SMM behavior of the Dy ₄ analogue. <i>Dalton Transactions</i> , 2014, 43, 2581-2587.	1.6	37
10	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
11	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
12	Structure and fluorescent properties of mercury(II) pyridine-2,3-dicarboxylate coordination polymers tuned by ancillary ligands and alkaline-earth metal ions. <i>CrystEngComm</i> , 2011, 13, 2029.	1.3	31
13	Mixed chelating ligands used to regulate the luminescence of Ln(III) complexes and single-ion magnet behavior in Dy-based analogues. <i>Dalton Transactions</i> , 2018, 47, 15929-15940.	1.6	29
14	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
15	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
16	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
17	A six-bladed impeller-like Cu ₁₈ nanocluster with S ₆ symmetry constructed from simple inorganic linkers. <i>Chemical Communications</i> , 2012, 48, 11689.	2.2	21
18	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

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19	Structure and anticancer activities of four Cu(II) complexes bearing tropolone. <i>Metallomics</i> , 2019, 11, 1952-1964.	1.0	18
20	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
21	A Series of Coordination Polymers Exhibiting Dual Chiral Features and Diverse Interhelical Interactions. <i>Crystal Growth and Design</i> , 2013, 13, 3389-3395.	1.4	17
22	Triethylamine-templated nanocalix Ln ₁₂ clusters of diacylhydrazone: crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2019, 48, 17414-17421.	1.6	17
23	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
24	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
25	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
26	Mitochondria-localizing dicarbohydrazide Ln complexes and their mechanism of in vitro anticancer activity. <i>Dalton Transactions</i> , 2020, 49, 4404-4415.	1.6	14
27	Two Decanuclear Dy ^{III} ₄ Co ^{II} ₁₀ ($x = 2, 4$) Nanoclusters: Structure, Assembly Mechanism, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 4904-4914.	1.9	14
28	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
29	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
30	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
31	Antitumor Activities for Two Pt(II) Complexes of Tropolone and 8-Hydroxyquinoline Derivative. <i>Inorganic Chemistry</i> , 2021, 60, 16128-16139.	1.9	13
32	A two-dimensional homospin Cu(II) ferrimagnet featuring S-shaped hexanuclear secondary building blocks. <i>Dalton Transactions</i> , 2014, 43, 8154.	1.6	12
33	Manganese clusters of aromatic oximes: synthesis, structure and magnetic properties. <i>Dalton Transactions</i> , 2016, 45, 15634-15643.	1.6	12
34	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
35	Structural and magnetic studies of six-coordinated Schiff base Dy(III) complexes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3059-3070.	3.0	12
36	Heterometallic Metal-Organic Framework Based on [Cu ₄ I ₄] and [Hf ₆ O ₈] Clusters for Adsorption of Iodine. <i>Frontiers in Chemistry</i> , 2022, 10, 864131.	1.8	11

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37	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
38	Structure, assembly mechanism and magnetic properties of heterometallic dodecanuclear nanoclusters Dy _{III} 4M _{II} 8 (M = Ni, Co). <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5214-5224.	3.0	10
39	Synthesis, crystal structure, and luminescent properties of metal complexes bearing 2,6-pyridine-diacylhydrazide ligands: supramolecular assemblies via intermolecular interactions. <i>Transition Metal Chemistry</i> , 2011, 36, 369-378.	0.7	9
40	Synthesis, Characterization, and Properties of Four Metal Complexes with Multidentate <i>N</i> -Acylsalicylhydrazide Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1401-1408.	0.6	9
41	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</i> , 2000, 18, 828-833.		
42	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
43	Hydrogen-bonded supramolecular structures constructed from trinuclear copper units. <i>Transition Metal Chemistry</i> , 2011, 36, 653-662.	0.7	6
44	Superb Alkali-Resistant Dy ^{III} ₂ Ni ^{II} ₄ Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2021, 60, 14752-14758.	1.9	6
45	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
46	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
47	Syntheses, Crystal Structures and Properties of Lanthanide(III) Complexes with <i>N</i> -Protected Aminoacid of <i>N</i> - <i>p</i> -Tosylglycinate. <i>Chinese Journal of Chemistry</i> , 2006, 24, 193-198.	2.6	5
48	A 1D zinc(II) polymer with W-like pentanuclear secondary building blocks constructed by 2,6-pyridine-diacylhydrazone ligand. <i>Structural Chemistry</i> , 2011, 22, 559-565.	1.0	5
49	Three Copper(II) Complexes of a <i>tritopic</i> -Hydrazone Ligand: Synthesis and Structural Characterization. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 2294-2299.	0.6	5
50	Synthesis, crystal structures, and magnetic properties of three isomorphous helical coordination polymers. <i>Transition Metal Chemistry</i> , 2012, 37, 291-296.	0.7	5
51	Hydrothermal syntheses, crystal structures and fluorescent properties of five transition metal-organic hybrids incorporating an unsymmetrical benzotriazole carboxylate ligand. <i>Transition Metal Chemistry</i> , 2013, 38, 327-334.	0.7	5
52	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
53	Temperature-induced formation of two dinuclear dysprosium complexes with different magnetic properties. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5622.	1.7	5
54	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

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55	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
56	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
57	Complexes based on ferrocenecarboxylate ligands: steric hindrance induced by ferrocenyl groups. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3718-3728.	0.8	3
58	Copper(II) Clusters of Two Pairs of 2,3-Dihydroxybutanedioyl Dihydrazones: Synthesis, Structure, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5783-5792.	1.0	3
59	Transition Metal Acetate Promoted Syntheses of Some New β -Heterocycles by Multicomponent Reactions. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 531-538.	1.4	3
60	Tuning slow magnetic relaxation behaviour in a Dy_2 -based one-dimensional chain via crystal field perturbation. <i>RSC Advances</i> , 2020, 10, 11831-11835.	1.7	3
61	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
62	Synthesis and Crystal Structures of Two Metal Complexes Formed in the Solvothermal Decomposition Reactions of N-Carboxyphenylenesulfonyl-S-Carboxymethyl-L-Cysteine. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1510-1514.	0.5	2
63	Novel 1D Copper(II) Helical Chain Formed by Weak Coordination-Driven Self-Assembly: Synthesis, Structure, and Magnetic Property. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1052-1056.	2.6	2
64	Synthesis and Structures of Two Dinuclear Transition Metal Complexes and Their Catalytic Applications in Hydrogenation of Ketones. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1834-1839.	0.6	2
65	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
66	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
67	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
68	Structural and magnetic properties of manganese and nickel clusters with 9,10-phenanthrenedione-9-oxime ligands. <i>Transition Metal Chemistry</i> , 2017, 42, 421-426.	0.7	2
69	Synthesis, structure and magnetic properties of two mixed-valence icosanuclear nanocages. <i>Dalton Transactions</i> , 2018, 47, 15141-15147.	1.6	2
70	Structure and Magnetic Properties of Two Discrete Df_2 Heterometallic Complexes. <i>ChemistrySelect</i> , 2020, 5, 9946-9951.	0.7	2
71	Two tetranuclear Cu_2Ln_2 ($\text{Ln} = \text{Dy, Tb}$) heterometallic complexes: Structure, solution behavior, and magnetic properties. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	2
72	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

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73	Synthesis and anticancer activity of mixed ligand 3d metal complexes. <i>Metallomics</i> , 2021, 13, .	1.0	1
74	Single-molecule magnet achieved through topological tuning with sodium ions. <i>CrystEngComm</i> , 2021, 23, 8490-8497.	1.3	1
75	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
76	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