## Zi-Lu Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7822925/publications.pdf Version: 2024-02-01



71-LU CHEN

#	Article	IF	CITATIONS
1	A single-stranded {Gd <sub>18</sub> } nanowheel with a symmetric polydentate diacylhydrazone ligand. Chemical Communications, 2016, 52, 8297-8300.	4.1	77
2	Constructing an interface synergistic effect from a SnS/MoS <sub>2</sub> heterojunction decorating N, S co-doped carbon nanosheets with enhanced sodium ion storage performance. Journal of Materials Chemistry A, 2020, 8, 22593-22600.	10.3	58
3	Discovery of high <i>in vitro</i> and <i>in vivo</i> antitumor activities of organometallic ruthenium( <scp>ii</scp> )–arene complexes with 5,7-dihalogenated-2-methyl-8-quinolinol. Dalton Transactions, 2019, 48, 5352-5360.	3.3	57
4	Diacylhydrazone-assembled {Ln <sub>11</sub> } nanoclusters featuring a "double-boats conformation― topology: synthesis, structures and magnetism. Dalton Transactions, 2018, 47, 2337-2343.	3.3	56
5	Two Dy(III) Single-Molecule Magnets with Their Performance Tuned by Schiff Base Ligands. Inorganic Chemistry, 2019, 58, 1191-1200.	4.0	50
6	Bifunctional Mononuclear Dysprosium Complexes: Single-Ion Magnet Behaviors and Antitumor Activities. Inorganic Chemistry, 2019, 58, 2286-2298.	4.0	50
7	Structure, adsorption and magnetic properties of chiral metal–organic frameworks bearing linear trinuclear secondary building blocks. Dalton Transactions, 2011, 40, 1911.	3.3	44
8	Experimental and theoretical investigations of four 3d–4f butterfly single-molecule magnets. Dalton Transactions, 2015, 44, 18544-18552.	3.3	39
9	Series of edge-sharing bi-triangle Ln <sub>4</sub> clusters with a μ <sub>4</sub> -NO <sub>3</sub> <sup>â~</sup> bridge: syntheses, structures, luminescence, and the SMM behavior of the Dy <sub>4</sub> analogue. Dalton Transactions, 2014, 43, 2581-2587.	3.3	37
10	Two Types of Cu-Ln Heterometallic Coordination Polymers with 2-Hydroxyisophthalate: Syntheses, Structures, and Magnetic Properties. Crystal Growth and Design, 2015, 15, 2883-2890.	3.0	35
11	High inÂvitro and inÂvivo antitumor activities of Ln(III) complexes with mixed 5,7-dichloro-2-methyl-8-quinolinol and 4,4ʹ-dimethyl-2,2ʹ-bipyridyl chelating ligands. European Journal of Medicinal Chemistry, 2019, 169, 103-110.	5.5	32
12	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.	2.6	31
13	Mixed chelating ligands used to regulate the luminescence of Ln( <scp>iii</scp> ) complexes and single-ion magnet behavior in Dy-based analogues. Dalton Transactions, 2018, 47, 15929-15940.	3.3	29
14	Construction of Planar Clusters Using Planar Aromatic Polyoxime Ligands: Synthesis, Structure, and Magnetic Properties. Crystal Growth and Design, 2010, 10, 4806-4814.	3.0	25
15	Synthesis and antitumor activities of transition metal complexes of a bis-Schiff base of 2-hydroxy-1-naphthalenecarboxaldehyde. Journal of Inorganic Biochemistry, 2020, 210, 111173.	3.5	22
16	Cyclometalated Ir(III)-8-oxychinolin complexes acting as red-colored probes for specific mitochondrial imaging and anticancer drugs. European Journal of Medicinal Chemistry, 2020, 192, 112192.	5.5	22
17	A six-bladed impeller-like Cu18 nanocluster with S6 symmetry constructed from simple inorganic linkers. Chemical Communications, 2012, 48, 11689.	4.1	21
18	Two mononuclear dysprosium( <scp>iii</scp> ) complexes with their slow magnetic relaxation behaviors tuned by coordination geometry. Dalton Transactions, 2019, 48, 16679-16686.	3.3	21

ZI-LU CHEN

#	Article	IF	CITATIONS
19	Structure and anticancer activities of four Cu( <scp>ii</scp> ) complexes bearing tropolone. Metallomics, 2019, 11, 1952-1964.	2.4	18
20	Acid and alkali-resistant Dy <sub>4</sub> coordination clusters: synthesis, structure and slow magnetic relaxation behaviors. Journal of Materials Chemistry C, 2021, 9, 3854-3862.	5.5	18
21	A Series of Coordination Polymers Exhibiting Dual Chiral Features and Diverse Interhelical Interactions. Crystal Growth and Design, 2013, 13, 3389-3395.	3.0	17
22	Triethylamine-templated nanocalix Ln <sub>12</sub> clusters of diacylhydrazone: crystal structures and magnetic properties. Dalton Transactions, 2019, 48, 17414-17421.	3.3	17
23	Co <sup>II</sup> –Zn <sup>II</sup> Heterometallic Dinuclear Complex with Enhanced Photocatalytic Activity for CO <sub>2</sub> -to-CO Conversion in a Water-Containing System. ACS Sustainable Chemistry and Engineering, 2021, 9, 9273-9281.	6.7	16
24	High-nuclearity heterometallic clusters with both an anion and a cation sandwiched by planar cluster units: synthesis, structure and properties. Dalton Transactions, 2017, 46, 15032-15039.	3.3	15
25	Heterometallic hexanuclear Ni <sub>4</sub> M <sub>2</sub> (M = Dy, Y) complexes: structure and single-molecule magnet for the Dy( <scp>iii</scp> ) derivative. Dalton Transactions, 2018, 47, 1801-1807.	3.3	14
26	Mitochondria-localizing dicarbohydrazide Ln complexes and their mechanism of in vitro anticancer activity. Dalton Transactions, 2020, 49, 4404-4415.	3.3	14
27	Two Decanuclear Dy <sup>III</sup> <sub><i>x</i></sub> Co <sup>II</sup> <sub>10–<i>x</i></sub> ( <i>x</i> = 2, 4) Nanoclusters: Structure, Assembly Mechanism, and Magnetic Properties. Inorganic Chemistry, 2021, 60, 4904-4914.	4.0	14
28	Synthesis, Characterization, DNA/HSA Interactions, and Anticancer Activity of Two Novel Copper(II) Complexes with 4-Chloro-3-Nitrobenzoic Acid Ligand. Molecules, 2021, 26, 4028.	3.8	14
29	Synthesis, structure and properties of an octahedral dinuclear-based Cu <sub>12</sub> nanocage of trimesoyltri( <scp>l</scp> -alanine). RSC Advances, 2016, 6, 9911-9915.	3.6	13
30	Three Dy( <scp>iii</scp> ) single-ion magnets bearing the tropolone ligand: structure, magnetic properties and theoretical elucidation. Dalton Transactions, 2019, 48, 6627-6637.	3.3	13
31	Antitumor Activities for Two Pt(II) Complexes of Tropolone and 8-Hydroxyquinoline Derivative. Inorganic Chemistry, 2021, 60, 16128-16139.	4.0	13
32	A two-dimensional homospin Cu(ii) ferrimagnet featuring S-shaped hexanuclear secondary building blocks. Dalton Transactions, 2014, 43, 8154.	3.3	12
33	Manganese clusters of aromatic oximes: synthesis, structure and magnetic properties. Dalton Transactions, 2016, 45, 15634-15643.	3.3	12
34	Hierarchical Fe <sub>2</sub> O <sub>3</sub> @MoS <sub>2</sub> /C Nanorods as Anode Materials for Sodium Ion Batteries with High Cycle Stability. ACS Applied Energy Materials, 2021, 4, 3757-3765.	5.1	12
35	Structural and magnetic studies of six-coordinated Schiff base Dy( <scp>iii</scp> ) complexes. Inorganic Chemistry Frontiers, 2022, 9, 3059-3070.	6.0	12
36	Heterometallic Metal-Organic Framework Based on [Cu4I4] and [Hf6O8] Clusters for Adsorption of lodine. Frontiers in Chemistry, 2022, 10, 864131.	3.6	11

# ARTICLE IF CITATIONS A 1D copper(II) chain featuring novel hexanuclear secondary building blocks: Synthesis, crystal structure and magnetic property. Inorganic Chemistry Communication, 2011, 14, 784-787. Structure, assembly mechanism and magnetic properties of heterometallic dodecanuclear 38 6.0 10 nanoclusters Dylll4MII8 (M = Ni, Co). Inorganic Chemistry Frontiers, 2021, 8, 5214-5224. 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. 1.4 Synthesis, Characterization, and Properties of Four Metal Complexes with Mulitdentate <i>N</i>à€Acylâ€Salicylhydrazide Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 40 1.2 9 1401-1408. Synthesis and crystal structure of heteronuclear La( III )â€Cu(II ) complex { [LaCu<sub>2</sub>(NTA)<sub>2</sub>(4,4′â€bpy)(H<sub>2</sub>O)<sub>3</sub>]NO<sub>3</sub>·5H<s**ub**>2</sub>O}<i>Chinese Journal of Chemistry, 2000, 18, 828-833. A family of 3d metal clusters based on N–N single bonds bridged quasi-linear trinuclear cores: the Mn 42 3.6 8 analogue displaying single-molecule magnet behavior. RSC Advances, 2018, 8, 6218-6224. Hydrogen-bonded supramolecular structures constructed from trinuclear copper units. Transition 1.4 Metal Chemistry, 2011, 36, 653-662. Superb Alkali-Resistant Dy<sup>III</sup><sub>2</sub>Ni<sup>II</sup><sub>4</sub> Single-Molecule 44 4.0 6 Magnet. Inorganic Chemistry, 2021, 60, 14752-14758. Guest-Induced Switching of a Molecule-Based Magnet in a 3d–4f Heterometallic Cluster-Based Chain 4.0 Structure. Inorganic Chemistry, 2021, 60, 633-641. Unveiling the boosting of metal organic cage leaching substance on the electrocatalytic oxygen 46 9.4 6 evolution reaction. Journal of Colloid and Interface Science, 2022, 610, 1035-1042. Syntheses, Crystal Structures and Properties of Lanthanide(III) Complexes withN-Protected Aminoacid 4.9 ofN-p-Tosylglycinate. Chinese Journal of Chemistry, 2006, 24, 193-198. A 1D zinc(II) polymer with W-like pentanuclear secondary building blocks constructed by 48 2.0 5 2,6-pyridine-diacylhydrazone ligand. Structural Chemistry, 2011, 22, 559-565. Three Copper(II) Complexes of a "Tritopic―Hydrazone Ligand: Synthesis and Structural 1.2 Characterization. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2294-2299. Synthesis, crystal structures, and magnetic properties of three isomorphous helical coordination 50 1.4 5 polymers. Transition Metal Chemistry, 2012, 37, 291-296. Hydrothermal syntheses, crystal structures and fluorescent properties of five transition metalafe organic hybrids incorporating an unsymmetrical benzotriazole carboxylate ligand. Transition 1.4 Metal Chemistry, 2013, 38, 327-334. A series of 3d metal complexes prepared by in situ reactions of a flexible diacylhydrazine ligand: 52 1.4 5 synthesis, structures and magnetic properties. Transition Metal Chemistry, 2017, 42, 17-23. Temperatureâ€induced formation of two dinuclear dysprosium complexes with different magnetic 3.5 properties. Applied Organometallic Chemistry, 2020, 34, e5622. Two Heterometallic Nanoclusters [Dy<sup>III</sup><sub>4</sub>Ni<sup>II</sup><sub>8</sub>] and 54 [Dy<sup>III</sup><sub>10</sub>Mn<sup>III</sup><sub>4</sub>Mn<sup>III</sup><sub>2</sub>]: 4.0 5

Structure, Assembly Mechanism, and Magnetic Properties. Inorganic Chemistry, 2022, 61, 3655-3663.

ZI-LU CHEN

4

ZI-LU CHEN

#	Article	IF	CITATIONS
55	Synthesis, Structure and Magnetic Properties of a 3D Manganese(II) Framework Featuring a Heptanodal Topology and Tube-in-Tube Dihelical Chains. European Journal of Inorganic Chemistry, 2015, 2015, 1463-1468.	2.0	4
56	One-dimensional Co(II)/Ni(II) complexes of 2-hydroxyisophthalate: Structures and magnetic properties. Journal of Solid State Chemistry, 2015, 226, 36-41.	2.9	4
57	Complexes based on ferrocenecarboxylate ligands: steric hindrance induced by ferrocenyl groups. Journal of Coordination Chemistry, 2011, 64, 3718-3728.	2.2	3
58	Copper(II) Clusters of Two Pairs of 2,3â€Dihydroxybutanedioyl Dihydrazones: Synthesis, Structure, and Magnetic Properties. European Journal of Inorganic Chemistry, 2014, 2014, 5783-5792.	2.0	3
59	Transition Metal Acetate Promoted Syntheses of Some New <i>N</i> â€Heterocycles by Multicomponent Reactions. Journal of Heterocyclic Chemistry, 2017, 54, 531-538.	2.6	3
60	Tuning slow magnetic relaxation behaviour in a {Dy <sub>2</sub> }-based one-dimensional chain <i>via</i> crystal field perturbation. RSC Advances, 2020, 10, 11831-11835.	3.6	3
61	Exploring the functional relation of magnetic density and magnetocaloric effect based on a dinuclear system. Applied Organometallic Chemistry, 2021, 35, e6325.	3.5	3
62	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.	1.1	2
63	Novel 1D Copper(II) Helical Chain Formed by Weak Coordinationâ€driven Selfâ€assembly: Synthesis, Structure, and Magnetic Property. Chinese Journal of Chemistry, 2012, 30, 1052-1056.	4.9	2
64	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.	1.2	2
65	Three Linear Trinuclear Zinc(II) Complexes with Acenaphthenequinone Dioxime and the Ancillary Ligand 2â€Aminoâ€2â€methylâ€1â€propanol in Different Coordination Modes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1000-1006.	1.2	2
66	Three discrete transition metal complexes of N-hydroxy-1,8-naphthalimidato ligand: synthesis, structure and magnetic properties. Transition Metal Chemistry, 2015, 40, 839-846.	1.4	2
67	Synthesis and structures of two new Cu(I) frameworks bearing1,3-bis(4-pyridyl)propane and inorganic linkers. Journal of Chemical Sciences, 2016, 128, 893-898.	1.5	2
68	Structural and magnetic properties of manganese and nickel clusters with 9,10-phenanthrenedione-9-oxime ligands. Transition Metal Chemistry, 2017, 42, 421-426.	1.4	2
69	Synthesis, structure and magnetic properties of two mixed-valence icosanuclear nanocages. Dalton Transactions, 2018, 47, 15141-15147.	3.3	2
70	Structure and Magnetic Properties of Two Discrete 3dâ€4f Heterometallic Complexes. ChemistrySelect, 2020, 5, 9946-9951.	1.5	2
71	Two tetranuclear Cu <sub>2</sub> Ln <sub>2</sub> (Ln = Dy, Tb) heterometallic complexes: Structure, solution behavior, and magnetic properties. Applied Organometallic Chemistry, 2022, 36, .	3.5	2
72	Synthesis, Structure, and Magnetic Properties of a Series of Dinuclear Lanthanide Complexes Assembled by Acetate and a Schiff Base Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 521-526.	1.2	1

ZI-LU CHEN

#	Article	IF	CITATIONS
73	Synthesis and anticancer activity of mixed ligand 3d metal complexes. Metallomics, 2021, 13, .	2.4	1
74	Single-molecule magnet achieved through topological tuning with sodium ions. CrystEngComm, 2021, 23, 8490-8497.	2.6	1
75	Synthesis, Structure and Magnetic Properties of a Mn <sup>II</sup> Framework Assembled by Two Carboxylate Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2478-2483.	1.2	0
76	Synthesis and structures of two cobalt compounds of 2-amino-2-methyl-1-propanol. Journal of Chemical Sciences, 2017, 129, 31-37.	1.5	0