

Xiao-Jun Zhao

List of Publications by Year in descending order

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126
papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Four Novel Three-Dimensional Triazole-Based Zinc(II) Metal-Organic Frameworks Controlled by the Spacers of Dicarboxylate Ligands: Hydrothermal Synthesis, Crystal Structure, and Luminescence Properties. <i>Crystal Growth and Design</i> , 2007, 7, 2009-2015.	3.0	217
2	An eight-connected 3D lead(II) metal-organic framework with octanuclear lead(II) as a secondary building unit: synthesis, characterization and luminescent property. <i>CrystEngComm</i> , 2008, 10, 158-161.	2.6	122
3	R-Isophthalate (R = H, NO ₂ , and COOH) as modular building blocks for mixed-ligand coordination polymers incorporated with a versatile connector 4-amino-3,5-bis(3-pyridyl)-1,2,4-triazole. <i>CrystEngComm</i> , 2008, 10, 306-321.	2.6	116
4	Structural modulation of polythreading and interpenetrating coordination networks with an elongated dipyridyl building block and various anionic co-ligands. <i>CrystEngComm</i> , 2008, 10, 1855.	2.6	100
5	A heterometallic sodium(I)-europium(III)-organic layer exhibiting dual-responsive luminescent sensing for nitrofurantoin antibiotics, Cr ₂ O ₇ ²⁻ and MnO ₄ ⁻ anions. <i>Dalton Transactions</i> , 2019, 48, 1823-1834.	3.3	90
6	Solvent-directed layered Co(II) coordination polymers with unusual solid-state properties: from a nanoporous framework to the dense polythreading 3-D aggregation. <i>CrystEngComm</i> , 2006, 8, 788.	2.6	87
7	Metal-Controlled Assembly of Coordination Polymers with the Flexible Building Block 4-Pyridylacetic Acid (Hpya). <i>Crystal Growth and Design</i> , 2006, 6, 335-341.	3.0	83
8	Three Isostructural One-Dimensional Ln ^{III} Chains with Distorted Cubane Motifs Showing Dual Fluorescence and Slow Magnetic Relaxation/Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2015, 54, 153-160.	4.0	80
9	Cadmium(II)-Triazole Framework as a Luminescent Probe for Ca ²⁺ and Cyano Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 10459-10474.	3.3	75
10	A micrometer-sized europium(III)-organic framework for selective sensing of the Cr ₂ O ₇ ²⁻ anion and picric acid in water systems. <i>Dalton Transactions</i> , 2017, 46, 13502-13509.	3.3	74
11	Interplay of coordinative and supramolecular interactions in engineering unusual crystalline architectures of low-dimensional metal-oxo complexes under co-ligand intervention. <i>CrystEngComm</i> , 2007, 9, 1011.	2.6	73
12	Facile synthesis of red emitting 3-aminophenylboronic acid functionalized copper nanoclusters for rapid, selective and highly sensitive detection of glycoproteins. <i>Biosensors and Bioelectronics</i> , 2016, 86, 270-276.	10.1	68
13	Cobalt-doped graphitic carbon nitride with enhanced peroxidase-like activity for wastewater treatment. <i>RSC Advances</i> , 2016, 6, 35568-35576.	3.6	66
14	MOF-derived Ni-based nanocomposites as robust catalysts for chemoselective hydrogenation of functionalized nitro compounds. <i>RSC Advances</i> , 2017, 7, 1531-1539.	3.6	59
15	Magnetic Relaxation Dynamics of a Centrosymmetric Dy ₂ Single-Molecule Magnet Triggered by Magnetic-Site Dilution and External Magnetic Field. <i>Inorganic Chemistry</i> , 2017, 56, 5611-5622.	4.0	57
16	Metal-Organic Coordination Architectures with Thiazole-Spaced Pyridinecarboxylates: Conformational Polymorphism, Structural Adjustment, and Ligand Flexibility. <i>Crystal Growth and Design</i> , 2007, 7, 124-131.	3.0	56
17	Two unique antiferromagnetic 3D frameworks with unusual Cu ₄ cluster and alternate Cu ₄ + Cu ₁ structural motif tuned by aromatic polycarboxylate coligand. <i>CrystEngComm</i> , 2011, 13, 2667.	2.6	52
18	Iron-substituted Co-Ni phosphides immobilized on Ni foam as efficient self-supported 3D hierarchical electrocatalysts for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 8156-8165.	7.1	50

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19	Fabrication of Hierarchical Sn-Beta Zeolite as Efficient Catalyst for Conversion of Cellulosic Sugar to Methyl Lactate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3796-3808.	6.7	50
20	A luminescent metal-organic framework as an ideal chemosensor for nitroaromatic compounds. <i>RSC Advances</i> , 2017, 7, 38871-38876.	3.6	48
21	Three Zn(II)-triazole-H3btc complexes regulated by mixed ligands protonation upon stepwise crystallization. <i>CrystEngComm</i> , 2008, 10, 1140.	2.6	47
22	Diverse mixed-ligand metal complexes with in situ generated 5-(pyrazinyl)tetrazolate chelating-bridging ligand: in situ synthesis, crystal structures, magnetic and luminescent properties. <i>CrystEngComm</i> , 2011, 13, 230-242.	2.6	47
23	Four benzimidazole-based Zn ^{II} /Cd ^{II} polymers extended by aromatic polycarboxylate coligands: synthesis, structure, and luminescence. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3551-3564.	2.2	45
24	NHC Pd ^{II} Complex Bearing 1,6-Hexylene Linker: Synthesis and Catalytic Activity in the Suzuki-Miyaura and Heck-Mizoroki Reactions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1253-1261.	2.4	45
25	The first 2D trinuclear Cd(ii)-complex with adenine nucleobase: hydrothermal synthesis, crystal structure and fluorescent properties. <i>New Journal of Chemistry</i> , 2007, 31, 1887.	2.8	44
26	An Ideal Detector Composed of Two-Dimensional Cd(II)-Triazole Frameworks for Nitro-Compound Explosives and Potassium Dichromate. <i>Chemistry - A European Journal</i> , 2015, 21, 14171-14178.	3.3	42
27	Novel Metallosupramolecular Networks Constructed from Cu ^I , Ni ^{II} , and Cd ^{II} with Mixed Ligands: Crystal Structures, Fluorescence, and Magnetism. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1245-1254.	2.0	40
28	A 3D Cu ^{II} framework with alternating vertex- and edge-sharing 1 ¹¹ -ribbons showing a two-step field-induced magnetic transition. <i>Chemical Communications</i> , 2011, 47, 8629.	4.1	39
29	Assembly of Zn ^{II} -coordination polymers constructed from benzothiadiazole functionalized bipyridines and V-shaped dicarboxylic acids: topology variety, photochemical and visible-light-driven photocatalytic properties. <i>CrystEngComm</i> , 2018, 20, 668-678.	2.6	39
30	Towards the Design of Linear Homo-Trinuclear Metal Complexes Based on a New Phenol-Functionalised Diazamesocyclic Ligand: Structural Analysis and Magnetism. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 294-304.	2.0	38
31	A Highly Stable Luminescent Eu-MOF Exhibiting Efficient Response to Nitrofurantoin Antibiotics through the Inner Filter Effect and Photoinduced Electron Transfer. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 5077-5084.	2.0	38
32	Cation-Exchange Porosity Tuning in a Dynamic 4d ⁴ -3d Framework for Ni ^{II} Ion-Selective Luminescent Probe. <i>Inorganic Chemistry</i> , 2015, 54, 4456-4465.	4.0	37
33	Hierarchical regulated assembly of new metallosupramolecular networks based on metal thiocyanate and trans-1-(2-pyridyl)-2-(4-pyridyl)ethylene (bpe) via multiple interactions. <i>CrystEngComm</i> , 2006, 8, 552.	2.6	36
34	A reversible SCSC transformation from a blue metamagnetic framework to a pink antiferromagnetic ordering layer exhibiting concomitant solvatochromic and solvatomagnetic effects. <i>Dalton Transactions</i> , 2012, 41, 6827.	3.3	36
35	A Search for Predictable Hydrogen-Bonding Synthons in Cocrystallization of Unusual Organic Acids with a Bent Dipyrindine. <i>Crystal Growth and Design</i> , 2006, 6, 390-396.	3.0	34
36	N-Heterocyclic carbene copper(ⁱ), mercury(ⁱⁱ) and silver(ⁱ) complexes containing durene linker: synthesis and structural studies. <i>CrystEngComm</i> , 2011, 13, 293-305.	2.6	34

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37	<i>In situ</i> synthesis of molybdenum carbide/N-doped carbon hybrids as an efficient hydrogen-evolution electrocatalyst. <i>RSC Advances</i> , 2018, 8, 17202-17208.	3.6	34
38	Coral-like CeO ₂ /NiO nanocomposites with efficient enzyme-mimetic activity for biosensing application. <i>Materials Science and Engineering C</i> , 2017, 74, 434-442.	7.3	33
39	Self-supported Co-doped FeNi carbonate hydroxide nanosheet array as a highly efficient electrocatalyst towards the oxygen evolution reaction in an alkaline solution. <i>Nanoscale</i> , 2019, 11, 10595-10602.	5.6	32
40	N-Heterocyclic carbene silver(i), palladium(ii) and mercury(ii) complexes: synthesis, structural studies and catalytic activity. <i>CrystEngComm</i> , 2012, 14, 5330.	2.6	30
41	Macrocyclic dinuclear silver(i) complexes based on bis(N-heterocyclic carbene) ligands: synthesis and structural studies. <i>CrystEngComm</i> , 2010, 12, 2245.	2.6	29
42	Guest-induced SC \leftrightarrow SC transformation within the first K/Cd heterodimetallic triazole complex: a luminescent sensor for high-explosives and cyano molecules. <i>Chemical Communications</i> , 2017, 53, 636-639.	4.1	29
43	Hierarchical FAU-Type Hafnosilicate Zeolite as a Robust Lewis Acid Catalyst for Catalytic Transfer Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16329-16343.	6.7	29
44	Light-triggered Supramolecular Isomerism in a Self-catenated Zn(II)-organic Framework: Dynamic Photo-switching CO ₂ Uptake and Detection of Nitroaromatics. <i>Scientific Reports</i> , 2016, 6, 34870.	3.3	28
45	Anti-Osteoporotic Activity of an Edible Traditional Chinese Medicine <i>Cistanche deserticola</i> on Bone Metabolism of Ovariectomized Rats Through RANKL/RANK/TRAF6-Mediated Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2019, 10, 1412.	3.5	28
46	Mercury(ii), copper(ii) and silver(i) complexes with ether or diether functionalized bis-NHC ligands: synthesis and structural studies. <i>CrystEngComm</i> , 2011, 13, 4086.	2.6	27
47	Ligand-deprotonation induced structural diversity in a ternary CuII-triazole-tetracarboxylate self-assembly system: Synthesis, crystal structures, and magnetic behavior. <i>CrystEngComm</i> , 2011, 13, 5401.	2.6	27
48	Solvent-Induced Single Crystal \leftrightarrow Single Crystal Transformation of an Interpenetrated Three-Dimensional Copper Triazole Catalytic Framework. <i>Inorganic Chemistry</i> , 2016, 55, 4069-4071.	4.0	26
49	Three-Dimensional Hierarchical Nickel Cobalt Phosphide Nanoflowers as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction under Both Acidic and Alkaline Conditions. <i>ACS Applied Energy Materials</i> , 2018, 1, 3742-3751.	5.1	26
50	Amino group promoted photocatalytic hydrogen evolution activity observed in two copper(ii)-based layered complexes. <i>Dalton Transactions</i> , 2018, 47, 12726-12733.	3.3	25
51	A Highly Stable (4, 8)-Connected Tb-MOF Exhibiting Efficiently Luminescent Sensing towards Nitroimidazole Antibiotics. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 23-29.	1.2	24
52	Tetranuclear N-Heterocyclic Carbene Mercury(II) Complexes Containing Triply Deprotonated Acetonitrile: Synthesis and Structural Studies. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 983-988.	2.0	23
53	Highly sensitive "naked-eye" colorimetric detection of thiourea using gold nanoparticles. <i>Analytical Methods</i> , 2015, 7, 4927-4933.	2.7	23
54	Isostructural Lanthanide Coordination Polymers with High Photoluminescent Quantum Yields by Effective Ligand Combination: Crystal Structures, Photophysical Characterizations, Biologically Relevant Molecular Sensing, and Anti-Counterfeiting Ink Application. <i>Crystal Growth and Design</i> , 2020, 20, 7615-7625.	3.0	22

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55	Water-Stable Zn(II) Coordination Polymers Regulated by Polysubstituted Benzenes and Their Photocatalytic Performance toward Methylene Blue Degradation Dominated by Ligand-Field Effects. <i>Crystal Growth and Design</i> , 2021, 21, 1218-1232.	3.0	22
56	Post-synthesis of Zr-MOR as a robust solid acid catalyst for the ring-opening aminolysis of epoxides. <i>New Journal of Chemistry</i> , 2018, 42, 13503-13511.	2.8	21
57	Fine Tuning of the Anisotropy Barrier by Ligand Substitution Observed in Linear $\{Dy_{2}Ni_{2}\}$ Clusters. <i>Chemistry - A European Journal</i> , 2016, 22, 18840-18849.	3.3	20
58	l_{2} -induced SC \leftrightarrow SC transformation within two-dimensional Zn(II)-triazole framework: an ideal detector of cyano-containing molecules. <i>Chemical Communications</i> , 2016, 52, 3099-3102.	4.1	19
59	Encapsulated anion-dominated photocatalytic and adsorption performances for organic dye degradation and oxoanion pollutant capture over cationic Cu(I)-organic framework semiconductors. <i>Dalton Transactions</i> , 2021, 50, 197-207.	3.3	19
60	A Rare Water and Hydroxyl-Extended One-Dimensional Dysprosium(III) Chain and Its Magnetic Dilution Effect. <i>Inorganic Chemistry</i> , 2017, 56, 9594-9601.	4.0	17
61	Three microporous metal-organic frameworks assembled from dodecanuclear $\{Ni_{16}Ln_{16}\}$ subunits: synthesis, structure, gas adsorption and magnetism. <i>Dalton Transactions</i> , 2018, 47, 15344-15352.	3.3	17
62	Efficient detection of a biomarker for infant jaundice by a europium(III)-organic framework luminescence sensor. <i>RSC Advances</i> , 2019, 9, 37584-37593.	3.6	17
63	Structures of NHC Hg(II) and Ag(I) complexes and selective recognition of nitrate anion. <i>CrystEngComm</i> , 2015, 17, 1358-1373.	2.6	15
64	NHC macrometalloccycles of mercury(II) and silver(I): synthesis, structural studies and recognition of Hg(II) complex 4 for silver ion. <i>RSC Advances</i> , 2015, 5, 28435-28447.	3.6	14
65	Two water-bridged cobalt(II) chains with isomeric naphthoate spacers: from metamagnetic to single-chain magnetic behaviour. <i>Dalton Transactions</i> , 2015, 44, 19927-19934.	3.3	14
66	A novel oxime-derived 3d \leftrightarrow 4f single-molecule magnet exhibiting two single-ion magnetic relaxations. <i>Dalton Transactions</i> , 2016, 45, 11876-11882.	3.3	14
67	Preparation and electrochemical performance of SiCN \leftrightarrow CNTs composite anode material for lithium ion batteries. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 999-1002.	2.9	13
68	Magnetism behaviours dominated by the interplay of magnetic anisotropy and exchange coupling in local Coll7 discs. <i>Dalton Transactions</i> , 2016, 45, 8134-8141.	3.3	13
69	Different magnetic responses observed in Coll4, Coll3 and Coll1-based MOFs. <i>Dalton Transactions</i> , 2016, 45, 11864-11875.	3.3	13
70	High-nuclear heterometallic oxime clusters assembled from triangular subunits: solvothermal syntheses, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2018, 47, 169-179.	3.3	13
71	Syntheses, structures, and spectroscopic properties of binuclear copper(II) complexes containing N,N-bis(2-pyridylmethyl)amine ligands. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3276-3283.	2.2	12
72	Three Novel 1-H-Benzimidazole-5-Carboxylate-Based Nickel(II)/Cobalt(II) Coordination Polymers: Synthesis, Crystal Structures, Luminescent, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 2709-2716.	1.2	12

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73	Three 3-amino-1,2,4-triazole-based cobalt(II) complexes incorporating with different carboxylate coligands: synthesis, crystal structures, and magnetic behavior. <i>Journal of Coordination Chemistry</i> , 2013, 66, 4399-4414.	2.2	12
74	A Dual-Responsive Luminescent Terbium(III) Chain for Selective Sensing of Fe ³⁺ and MnO ₄ ⁻ Ions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1598-1606.	1.2	12
75	Photo-oligomerization by shifting the coordination site in a luminescent coordination polymer. <i>Chemical Communications</i> , 2021, 57, 2148-2151.	4.1	12
76	Boosting photocatalytic hydrogen production activity by a microporous Cu ^{II} -MOF nanoribbon decorated with Pt nanoparticles. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3556-3565.	6.0	12
77	A linear trinuclear cobalt(II) complex with 4-(2-pyridine)-1,2,4-triazole: synthesis, structure and characterization. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3793-3799.	2.2	11
78	Four 1,3-bis(1,2,4-triazol-1-yl)propane-based metal complexes tuned by competitive coordination of mixed ligands: synthesis, solid structure, and fluorescence. <i>Journal of Coordination Chemistry</i> , 2010, 63, 250-262.	2.2	11
79	High affinity of p-sulfonatothiocalix[4]arene with phenanthroline-dium in aqueous solution. <i>RSC Advances</i> , 2015, 5, 2640-2646.	3.6	11
80	Hollow Zn ²⁺ /Co Based Zeolitic Imidazole Framework as a Robust Heterogeneous Catalyst for Enhanced CO ₂ Chemical Fixation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4375-4382.	3.3	11
81	Enhancing the Magnetic Anisotropy in Low-Symmetry Dy-Based Complexes by Tuning the Bond Length. <i>Inorganic Chemistry</i> , 2021, 60, 11419-11428.	4.0	11
82	Mixed-ligand Cu ^I and Cd ^{II} complexes with 4-aminoantipyrine. <i>Journal of Coordination Chemistry</i> , 2008, 61, 595-604.	2.2	10
83	Efficient Method for the Synthesis of β -Bis(arylmethylidene) Cycloalkanones Catalyzed by Bromodimethylsulfonium Bromide. <i>Synthetic Communications</i> , 2014, 44, 827-835.	2.1	10
84	Heterometallic Feed Ratio-Dominated Oxygen Evolution Activity in Self-Supported Metal-Organic Framework Nanosheet Arrays Electrocatalyst. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1412-1418.	1.2	10
85	Nickel Foam-Supported Amorphous FeCo(Mn)-O Nanoclusters with Abundant Oxygen Vacancies through Selective Dealloying for Efficient Electrocatalytic Oxygen Evolution. <i>ChemElectroChem</i> , 2020, 7, 684-690.	3.4	10
86	β -Cyclodextrin- α -aminopyridine interaction: A DFT study. <i>Russian Chemical Bulletin</i> , 2007, 56, 430-434.	1.5	9
87	The first 2,6-di(1,6-naphthyridin-2-yl)pyridine-based redox photochromic coordination polymer platform with selective vapochromism for trolamine. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4044-4051.	6.0	9
88	Photocatalytic hydrogen evolution activity over Pt-assisted metal-organic frameworks dominated by transition metal ions and local coordination environments. <i>Nanotechnology</i> , 2021, 32, 045710.	2.6	9
89	Synthesis, structure and fluorescent properties of Cd ^{II} , Zn ^{II} and Ni ^{II} complexes with 2-amino-6-methylbenzothiazole and 5-nitroisophthalate as ligands. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1951-1962.	2.2	8
90	Synthesis, crystal structure and luminescent property of a novel H ₂ O-bridged cobalt(II) polymer with one-dimensional chain structure. <i>Transition Metal Chemistry</i> , 2007, 32, 228-232.	1.4	7

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91	Three 2-Aminobenzothiazole-Based Mercury Complexes Tuned by Competitive Coordination Between the Coligands: Synthesis, Structures, and Fluorescent Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 791-797.	0.6	7
92	Three Isostructural 4- <i>S</i> -Sulphophthalate-Based Lanthanide Complexes: Syntheses, Crystal Structures, and Luminescent Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2515-2519.	1.2	6
93	Light-Controlled [3]Pseudorotaxane Based on Tetrasulfonated 1,5-Dinaphtho-3,2-Crown-8 and β -Cyclodextrin. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 244-250.	2.7	6
94	4,5-Dichlorophthalate-Extended Lanthanide Coordination Polymers with Layer and Ribbon Motifs: Synthesis, Structure, and Luminescence. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1108-1114.	1.2	6
95	A Polypyridyl-Based Layered Complex as Dual-Functional Co-catalyst for Photo-Driven Organic Dyes Degradation and Water Splitting. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 623-630.	1.2	6
96	Synthesis and Crystal Structure of a Mixed-Ligand Cobalt(II) Complex with 2-Aminobenzimidazole. <i>Journal of Chemical Crystallography</i> , 2008, 38, 625-629.	1.1	5
97	Three 3-Amino-1, 2, 4-Triazole-Based Magnetic Complexes Incorporated with Different Carboxylate-Containing Coligands: Synthesis, Structures, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 974-981.	1.2	5
98	Two Extended 5-Methyltetrazolate-Based Magnetic Complexes: Synthesis, Structure, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 201-207.	1.2	5
99	Copper(ii) and cobalt(ii) complexes based on bis-benzimidazolyl ligand with 1,2-bis(2-ethoxy)phenyl linker: synthesis, crystal structure and conformations. <i>CrystEngComm</i> , 2014, 16, 1950.	2.6	5
100	Two Oxime-Based $\{Ln^{III}\}_3Ni^{II}\}_3$ Clusters with Triangular $\{Ln\}_3$ ($\frac{1}{4}\text{-}3$) ($\frac{1}{2}\text{-}2$) $\{Ln\}_7$ Core: Solvothermal Syntheses, Crystal Structures, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1166-1172.	1.2	5
101	A dynamic microporous magnet exhibiting room-temperature thermal hysteresis, variable magnetic ordering temperatures and highly selective adsorption for CO ₂ . <i>Journal of Materials Chemistry C</i> , 2019, 7, 218-222.	5.5	5
102	Two Bulky Conjugated 4-(4-Hydroxyphenyl)-4,2,6,4-terpyridine-Based Layered Complexes: Synthesis, Structure, and Photocatalytic Hydrogen Evolution Activity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 516-522.	1.2	5
103	Crystallographic report: Diazido[bis(2-pyridyl)amine]zinc(II) hydrate, [Zn(C ₁₀ H ₉ N ₃) ₂ (N ₃) ₂] \cdot H ₂ O. <i>Applied Organometallic Chemistry</i> , 2004, 18, 93-94.	3.5	4
104	Synthesis, crystal structure, magnetic property, and nuclease activity of a binuclear iron(III) complex. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1260-1270.	2.2	4
105	Synthesis and characterization of an anion triazole framework containing $\frac{1}{4}$ 3-Cl and $\frac{1}{4}$ 2-Cl bridges. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1623-1629.	2.2	4
106	An NHC silver(<i>i</i>) macrometallocycle: synthesis, structure and selective recognition of iodide anions. <i>RSC Advances</i> , 2016, 6, 12256-12262.	3.6	4
107	Substituent group-tunable hydrogen evolution activity observed in isostructural Cu(<i>ii</i>)-based coordination polymer photocatalysts. <i>Dalton Transactions</i> , 2020, 49, 1674-1680.	3.3	4
108	Two Isostructural Layered Lanthanide(III) Complexes: Syntheses, Structures, Magnetic and Luminescent Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 282-287.	1.2	4

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109	Synthesis and characterization of silver(I) and heterometallic Cr(III)Na compounds with the tripodal ligand N-(carbamoylmethyl)-iminodiacetic acid. <i>Transition Metal Chemistry</i> , 2009, 34, 629-635.	1.4	3
110	Four anthraquinone-1,5-disulfonate-based metal complexes incorporating N-heterocyclic coligands: synthesis, crystal structures, and fluorescence. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1770-1781.	2.2	3
111	Preparation, crystal structures and conformations of six complexes based on 1,4-bis(benzimidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene. <i>CrystEngComm</i> , 2014, 16, 7023-7036.	2.6	3
112	Three Phenoxo-Bridged Dinuclear Lanthanide Complexes: Syntheses, Crystal Structures, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 293-300.	1.2	3
113	Transition Metal Ion-Directed Coordination Polymers with Mixed Ligands: Synthesis, Structure, and Photocatalytic Activity for Hydrogen Production and Rhodamine B Degradation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1765-1773.	1.2	3
114	Slow relaxation of Dy(^{III}) single-ion magnets dominated by the simultaneous binding of chelating ligands in low-symmetry ligand-fields. <i>Dalton Transactions</i> , 2022, 51, 1175-1181.	3.3	3
115	Density functional theory and MP2 calculations of the transition states and reaction paths on coupling reaction of methane through plasma. <i>Chinese Journal of Chemistry</i> , 2004, 22, 430-433.	4.9	2
116	5,8-Dimethoxy-2,3-bis(2-pyridyl)quinoxaline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, 0496-0498.	0.4	1
117	Crystallographic report: 1,4-Bis(carboxymethyldiphenylphosphonio)butane dibromide, (CH ₂) ₄ [(HOOCCH ₂)Ph ₂ P ⁽⁺⁾] ₂ ·2Br ⁽⁻⁾ . <i>Applied Organometallic Chemistry</i> , 2004, 18, 499-500.	3.5	1
118	2-Aminobenzothiazole-based Cd ^{II} complexes incorporating carboxylate-containing coligand: synthesis, crystal structure, and fluorescences. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2353-2364.	2.2	1
119	Oximate-derived metal complexes with triangular and linear magnetic subunits: Synthesis, structure, and magnetism. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 50-59.	1.6	1
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123	Two 3-Amino-1,2,4-triazole-based Manganese(II) Complexes Incorporated With Different Dicarboxylate Coligands: Synthesis, Structure, and Magnetism. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 299-305.	0.6	0
124	Two new copper(II) complexes based on 4-(1-hydroxy-1,2,4-triazol-1-yl)phenol and different co-ligands: synthesis, crystal structures, luminescent properties and magnetic behavior. <i>Journal of Coordination Chemistry</i> , 2020, 73, 1245-1255.	2.2	0
125	Fine tuning the relaxation dynamics of mononuclear Dy(III) complexes by auxiliary ligand. <i>Inorganic Chemistry Communication</i> , 2022, , 109461.	3.9	0
126	Effective energy barrier improvement via hydroxyl-bridge in linear {Dy ^{III} Zn ^{II} } clusters. <i>Inorganic Chemistry Communication</i> , 2022, , 109550.	3.9	0