

Wen-Hua Zhang

List of Publications by Year in descending order

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times ranked

3652
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#	ARTICLE	IF	CITATIONS
1	Dibenzoheptazethrene Isomers with Different Biradical Characters: An Exercise of Clar's Aromatic Sextet Rule in Singlet Biradicaloids. <i>Journal of the American Chemical Society</i> , 2013, 135, 18229-18236.	6.6	167
2	Recent advances in metal catalysts with hybrid ligands. <i>Coordination Chemistry Reviews</i> , 2011, 255, 1991-2024.	9.5	149
3	Fabrication of Photoactuators: Macroscopic Photomechanical Responses of Metal-Organic Frameworks to Irradiation by UV Light. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9453-9458.	7.2	132
4	A 1D anionic coordination polymer showing superior Congo Red sorption and its dye composite exhibiting remarkably enhanced photocurrent response. <i>Chemical Communications</i> , 2015, 51, 14893-14896.	2.2	113
5	Rational construction of functional molybdenum (tungsten)-copper-sulfur coordination oligomers and polymers from preformed cluster precursors. <i>Chemical Society Reviews</i> , 2016, 45, 4995-5019.	18.7	113
6	Microenvironment-driven sequential ferroptosis, photodynamic therapy, and chemotherapy for targeted breast cancer therapy by a cancer-cell-membrane-coated nanoscale metal-organic framework. <i>Biomaterials</i> , 2022, 283, 121449.	5.7	89
7	Construction of Cd(II) coordination polymers used as catalysts for the photodegradation of organic dyes in polluted water. <i>CrystEngComm</i> , 2014, 16, 2158.	1.3	86
8	Binuclear Cluster-to-Cluster-Based Supramolecular Compounds: Design, Assembly, and Enhanced Third-Order Nonlinear Optical Performances of {[Et ₄ N] ₂ [MoOS ₃ Cu ₂ (μ_4 -CN)] ₂ ·2aniline} _n and {[Et ₄ N] ₄ [MoOS ₃ Cu ₃ CN(μ_4 -CN)] ₂ (μ_4 -CN) ₂] _n . <i>Crystal Growth and Design</i> , 2008, 8, 253-258.	1.4	82
9	A unique Zn(II)-based MOF fluorescent probe for the dual detection of nitroaromatics and ketones in water. <i>CrystEngComm</i> , 2015, 17, 9404-9412.	1.3	78
10	Dianthraceno[a,e]pentalenes: synthesis, crystallographic structures and applications in organic field-effect transistors. <i>Chemical Communications</i> , 2015, 51, 503-506.	2.2	70
11	Construction of [(μ_5 -C ₅ Me ₅)MoS ₃ Cu ₃]-Based Supramolecular Assemblies from the [(μ_5 -C ₅ Me ₅)MoS ₃ (CuNCS) ₃] ⁺ Cluster Anion and Multitopic Ligands with Different Symmetries. <i>Inorganic Chemistry</i> , 2007, 46, 46.	1.9	68
12	Assembly of [(μ_5 -C ₅ Me ₅)MoS ₃ Cu ₃]-Supported One-Dimensional Chains with Single, Double, Triple, and Quadruple Strands. <i>Inorganic Chemistry</i> , 2008, 47, 5332-5346.	1.9	66
13	Heterometallic transition metal clusters and cluster-supported coordination polymers derived from Tp- and Tp*-based Mo(W) sulfido precursors. <i>Coordination Chemistry Reviews</i> , 2015, 293-294, 187-210.	9.5	65
14	Stitching 2D Polymeric Layers into Flexible Interpenetrated Metal-Organic Frameworks within Single Crystals. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4628-4632.	7.2	62
15	Antiaromatic bisindeno-[n]thienoacenes with small singlet biradical characters: syntheses, structures and chain length dependent physical properties. <i>Chemical Science</i> , 2014, 5, 4490-4503.	3.7	62
16	Mo(W)/Cu/S Cluster-Based Supramolecular Arrays Assembled from Preformed Clusters [Et ₄ N] ₄ [WS ₄ Cu ₄ I ₆] and [(n-Bu) ₄ N] ₂ [MoOS ₃ Cu ₃ X ₃] (X = I, SCN) with Flexible Ditopic Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 10487-10496.	1.9	61
17	Construction of Polymeric and Oligomeric Lanthanide(III) Thiolates from Preformed Complexes [(TMS) ₂ N] ₃ Ln(μ_4 -Cl)Li(THF) ₃ (Ln = Pr, Nd, Sm; (TMS) ₂ N = Bis(trimethylsilyl)amide). <i>Journal of the American Chemical Society</i> , 2005, 127, 1122-1123.	6.6	59
18	Utilisation of gold nanoparticles on amine-functionalised UiO-66 (NH ₂ -UiO-66) nanocrystals for selective tandem catalytic reactions. <i>Chemical Communications</i> , 2016, 52, 6557-6560.	2.2	59

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19	Construction of [(1-5-C5Me5)WS3Cu3]-Based Supramolecular Compounds from Preformed Incomplete Cubane-Like Clusters [PPh4][(1-5-C5Me5)WS3(CuX)3] (X = CN, Br). <i>Inorganic Chemistry</i> , 2006, 45, 4055-4064.	1.9	56
20	Guest-Induced Switchable Breathing Behavior in a Flexible Metal-Organic Framework with Pronounced Negative Gas Pressure. <i>Inorganic Chemistry</i> , 2018, 57, 8627-8633.	1.9	54
21	Toward Rational Construction of Gold, Gold-Silver, and Gold-Mercury String Complexes: Syntheses, Structures, and Properties of [Au(Tab)2]2L2 (L = I and PF6), {[Tab]2M}[Au(CN)2]2 (M = Au and Ag), and {[Hg(Tab)2][Au(CN)2]2} [Tab = 4-(Trimethylammonio)benzenethiolate]. <i>Inorganic Chemistry</i> , 2006, 45, 7671-7680.	1.9	53
22	Acetic Acid Induced Self-Assembly of Supramolecular Compounds [Et4N]3[(WS4Cu2)2(1/4-CN)3]·2MeCN and [PPh4][WS4Cu3(1/4-CN)2]·MeCN from Preformed Clusters [A]2[WS4(CuCN)2] (A = Et4N, PPh4). <i>Inorganic Chemistry</i> , 2005, 44, 3664-3668.	1.9	52
23	Successive and Specific Detection of Hg ²⁺ and I ⁻ by a DNA@MOF Biosensor: Experimental and Simulation Studies. <i>Inorganic Chemistry</i> , 2018, 57, 8382-8389.	1.9	51
24	Stepwise Guest Exchange in a Cluster-Supported Three-Dimensional Host. <i>Crystal Growth and Design</i> , 2008, 8, 399-401.	1.4	48
25	Construction of Zn(II) and Cd(II) metal-organic frameworks of diimidazole and dicarboxylate mixed ligands for the catalytic photodegradation of rhodamine B in water. <i>CrystEngComm</i> , 2015, 17, 1935-1943.	1.3	48
26	Versatile thiomolybdate(thiotungstate)-copper-sulfide clusters and multidimensional polymers linked by cyanides. <i>Coordination Chemistry Reviews</i> , 2017, 350, 248-274.	9.5	48
27	Distinct optical and kinetic responses from E/Z isomers of caspase probes with aggregation-induced emission characteristics. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4363-4370.	2.9	47
28	Quinodimethane-Bridged Perylene Dimers and Pericondensed Quaterrylenes: The Effect of the Fusion Mode on the Ground States and Physical Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 11410-11420.	1.7	46
29	Assembly of a New Family of Mercury(II) Zwitterionic Thiolate Complexes from a Preformed Compound [Hg(Tab)2](PF6)2[Tab = 4-(Trimethylammonio)benzenethiolate]. <i>Inorganic Chemistry</i> , 2006, 45, 2568-2580.	1.9	45
30	Photoinduced Nonlinear Contraction Behavior in Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2019, 25, 8543-8549.	1.7	45
31	Effective loading of cisplatin into a nanoscale UiO-66 metal-organic framework with preformed defects. <i>Dalton Transactions</i> , 2019, 48, 5308-5314.	1.6	45
32	Reactions of a Tungsten Trisulfido Complex of Hydridotris(3,5-dimethylpyrazol-1-yl)borate (Tp*) [Et4N][Tp*WS3] with CuX (X = Cl, NCS, or CN): Isolation, Structures, and Third-Order NLO Properties. <i>Inorganic Chemistry</i> , 2007, 46, 11381-11389.	1.9	44
33	Stable 7,14-Disubstituted-5,12-Dithiapentacenes with Quinoidal Conjugation. <i>Organic Letters</i> , 2014, 16, 3966-3969.	2.4	44
34	Deciphering the Structural Relationships of Five Cd-Based Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 6522-6531.	1.9	41
35	Formation of Four Different [MoOS3Cu3]-Based Coordination Polymers from the Same Components via Four Synthetic Routes. <i>Crystal Growth and Design</i> , 2009, 9, 1461-1469.	1.4	40
36	A zwitterionic 1D/2D polymer co-crystal and its polymorphic sub-components: a highly selective sensing platform for HIV ds-DNA sequences. <i>Dalton Transactions</i> , 2016, 45, 5092-5100.	1.6	39

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37	Epitaxial encapsulation of homodispersed CeO ₂ in a cobalt porphyrin network derived thin film for the highly efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20126-20130.	5.2	36
38	Ultralow Lattice Thermal Conductivity in SnTe by Manipulating the Electron-Phonon Coupling. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15996-16002.	1.5	36
39	Unique formation of two high-nuclearity metallamacrocycles from a mononuclear complex [Zn(dmpzdtc) ₂] (dmpzdtc = 3,5-dimethylpyrazole-1-dithiocarboxylate) via CS ₂ elimination. <i>Chemical Communications</i> , 2007, , 5052.	2.2	35
40	Thienoacene-Fused Pentalenes: Syntheses, Structures, Physical Properties and Applications for Organic Field-Effect Transistors. <i>Chemistry - A European Journal</i> , 2015, 21, 2019-2028.	1.7	35
41	Morphology-dependent third-order optical nonlinearity of a 2D Co-based metal-organic framework with a porphyrinic skeleton. <i>Chemical Communications</i> , 2019, 55, 4873-4876.	2.2	34
42	Experimental and theoretical validations of a one-pot sequential sensing of Hg ²⁺ and biothiols by a 3D Cu-based zwitterionic metal-organic framework. <i>Talanta</i> , 2020, 210, 120596.	2.9	34
43	Tungsten(VI)-Copper(I)-Sulfur Cluster-Supported Metal-Organic Frameworks Bridged by <i>in Situ</i> Click-Formed Tetrazolate Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 5669-5679.	1.9	33
44	Synchronous sensing of three conserved sequences of Zika virus using a DNAs@MOF hybrid: experimental and molecular simulation studies. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 148-152.	3.0	33
45	Diverse Tp*-Capped W-Cu-S Clusters from One-Pot Assembly Involving <i>in Situ</i> Thiolation of Phosphines. <i>Inorganic Chemistry</i> , 2016, 55, 1861-1871.	1.9	32
46	Transmetalation of a Dodecahedral Na ₉ Aggregate-Based Polymer: A Facile Route to Water Stable Cu(II) Coordination Networks. <i>Inorganic Chemistry</i> , 2014, 53, 7446-7454.	1.9	30
47	Solvent effect-driven assembly of W/Cu/S cluster-based coordination polymers from the cluster precursor [Et ₄ N][Tp*WS ₃ (CuBr) ₃] and CuCN: isolation, structures and enhanced NLO responses. <i>Dalton Transactions</i> , 2015, 44, 130-137.	1.6	30
48	Synergistic photothermal-photodynamic-chemotherapy toward breast cancer based on a liposome-coated core-shell AuNS@NMOFs nanocomposite encapsulated with gambogic acid. <i>Journal of Nanobiotechnology</i> , 2022, 20, 212.	4.2	29
49	Syntheses, crystal structures and luminescent properties of two one-dimensional coordination polymers [CuX(dmpzm)] _n (X=CN, NCS; dmpzm=bis(3,5-dimethylpyrazolyl)methane). <i>Journal of Molecular Structure</i> , 2006, 782, 150-156.	1.8	27
50	How Does a Non-C ₃ -Symmetry Guest Molecule Fit into a C ₃ -Symmetry Host Cavity?. <i>Crystal Growth and Design</i> , 2010, 10, 3-6.	1.4	27
51	Syntheses, crystal structures, and third-order nonlinear optical properties of two novel Mo/Cu/S clusters: [MoS ₄ Cu ₄ (<i>l</i> -MePy) ₅ Br ₂] <i>l</i> ·2(<i>l</i> -MePy) _{0.5} and {[MoS ₄ Cu ₄ (<i>l</i> -MePy) ₃ Br](<i>l</i> ^{1/4} -Br) <i>l</i> ·(<i>l</i> -MePy) _n (<i>l</i> -MePy= <i>l</i> -methylpyridine). <i>Journal of Organometallic Chemistry</i> , 2005, 690, 394-402.	0.8	26
52	Unique Formation of a Pentanuclear Lanthanum(III) Thiolate Oxide Cluster via Control of Hydrolysis. <i>Inorganic Chemistry</i> , 2006, 45, 1885-1887.	1.9	26
53	A pH-responsive supramolecular draw solute that achieves high-performance in arsenic removal via forward osmosis. <i>Water Research</i> , 2019, 165, 114993.	5.3	26
54	Excited State Absorption Dynamics in Metal Cluster Polymer [WS ₄ Cu ₃ (4-bpy) ₃] _n Solution. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7987-7993.	1.2	25

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55	Synthesis and structural characterization of a unique 3D coordination polymer [Pb(4-pya) ₂] _n (4-pya=trans-4-pyridylacrylate). <i>Inorganic Chemistry Communication</i> , 2007, 10, 485-488.	1.8	25
56	A crystalline zinc(II) complex showing hollow hexagonal tubular morphology evolution, selective dye absorption and unique response to UV irradiation. <i>Chemical Communications</i> , 2017, 53, 5515-5518.	2.2	25
57	Rectangle and [2]catenane from cluster modular construction. <i>Chemical Communications</i> , 2018, 54, 4168-4171.	2.2	25
58	Synthesis of Two Heterobimetallic Cluster Isomers [(1-5-C5Me5) ₂ Mo ₂ (1/4-3-S)3S(Cu)2] and [(1-5-C5Me5) ₂ Mo ₂ (1/4-3-S)4(Cu)2] from trans-[(1-5-C5Me5) ₂ Mo ₂ (1/4-S)2S2] and Their trans-to-cis Isomerization, Structures, and Third-Order NLO Properties. <i>Organometallics</i> , 2006, 25, 4351-4357.	1.1	24
59	Solvothermal synthesis and crystal structure of a luminescent 2D copper(I) coordination polymer with a (3,4)-connected net. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1049-1053.	1.8	24
60	A Single-Crystal to Single-Crystal Conversion Scheme for a Two-Dimensional Metal-Organic Framework Bearing Linear Cd ₃ Secondary Building Units. <i>Crystal Growth and Design</i> , 2019, 19, 724-729.	1.4	24
61	Nuclearity growth towards Ni(II) cubane in self-assembly with 2-hydroxymethyl pyridine (hmpH) and 5-ethoxycarbonyl-2-hydroxymethyl pyridine (5-ehmpH). <i>CrystEngComm</i> , 2011, 13, 2915.	1.3	23
62	Enhanced Emission and Analyte Sensing by Cinchonine Iridium(III) Cyclometalated Complexes Bearing Bent Diphosphine Chelators. <i>Organometallics</i> , 2013, 32, 2908-2917.	1.1	23
63	Sequential Ag ⁺ /biothiol and synchronous Ag ⁺ /Hg ²⁺ biosensing with zwitterionic Cu ²⁺ -based metal-organic frameworks. <i>Analyst</i> , 2020, 145, 2779-2788.	1.7	22
64	Syntheses, crystal structures and catalytic properties of a series of lanthanide(III) bis(trimethylsilyl)amide chloride complexes: [(Me ₃ Si) ₂ N) ₂ Nd(1/4-Cl)Li(THF) ₃ (1/4-Cl)] ₂ , [(Me ₃ Si) ₂ N) ₂ Ln(1/4-Cl)Li(THF) ₂ (1/4-Cl)] ₂ (Ln=Eu, Ho), and [(Me ₃ Si) ₂ N) ₂ Ln(1/4-Cl)2Li(THF) ₂ (1/4-Cl)] ₂ (Ln=Nd, Sm, Tj) <i>ETQCC</i>	0.8	21
65	Bent tritopic carboxylates for coordination networks: clues to the origin of self-penetration. <i>CrystEngComm</i> , 2014, 16, 7722-7730.	1.3	21
66	Assembly of [Tp*WS ₃ Cu ₂]-Supported Coordination Polymers from Linkers with a Unique 1/4-Pyridyl Bridging Mode and Their Enhanced Third-Order Nonlinear Optical Performances. <i>Crystal Growth and Design</i> , 2016, 16, 3206-3214.	1.4	21
67	Solvothermal syntheses, crystal structures, and luminescent properties of two novel silver(I) coordination polymers containing 5-aryl-substituted tetrazolate ligands. <i>Journal of Molecular Structure</i> , 2008, 875, 339-345.	1.8	20
68	Palladium(II) and palladium(II)-silver(I) complexes with N-heterocyclic carbene and zwitterionic thiolate mixed ligands: synthesis, structural characterization and catalytic properties. <i>Dalton Transactions</i> , 2017, 46, 1832-1839.	1.6	20
69	Efficient ring-opening polymerization (ROP) of ϵ -caprolactone catalysed by isomeric pyridyl 1,2-diketonate iron(III) complexes. <i>New Journal of Chemistry</i> , 2017, 41, 14457-14465.	1.4	20
70	Co ₂ and Co ₃ Mixed Cluster Secondary Building Unit Approach toward a Three-Dimensional Metal-Organic Framework with Permanent Porosity. <i>Molecules</i> , 2018, 23, 755.	1.7	19
71	Syntheses, crystal structures and luminescent properties of two novel lanthanide/4-pya complexes: [Ln(4-pya) ₃ (H ₂ O) ₂] ₂ (Ln=Eu, La; 4-pya=trans-4-pyridylacrylate). <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3479-3487.	0.8	18
72	Formation of new organometallic W/Cu/S clusters from reactions of [(1-5-C5Me5)WS ₃] ₃ Cu ₇ (MeCN) ₉ (PF ₆) ₄ with donor ligands. Crystal structures and optical limiting properties of [(1-5-C5Me5)WS ₃ Cu ₃ (Py) ₆](PF ₆) ₂ , [(1-5-C5Me5)WS ₃ Cu ₃ Br(PPh ₃) ₃](PF ₆) ₂ , and [(1-5-C5Me5)WS ₃ Cu ₄ (Py)Cl(dppm) ₂](PF ₆) ₂ . <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4027-4035.	0.8	18

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73	Soluble Phosphorescent Iridium(III) Complexes from Cinchonine-Derived Ligands. <i>Organometallics</i> , 2012, 31, 553-559.	1.1	18
74	Site-selective homo- and hetero-metallic doping of a 1D Zn-based coordination polymer to enhance the dimensionality and photocurrent responses. <i>CrystEngComm</i> , 2016, 18, 3048-3054.	1.3	18
75	Piperazine-Based Functional Materials as Draw Solutes for Desalination via Forward Osmosis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14170-14177.	3.2	18
76	Similarities and differences between Mn(II) and Zn(II) coordination polymers supported by porphyrin-based ligands: synthesis, structures and nonlinear optical properties. <i>Dalton Transactions</i> , 2020, 49, 12622-12631.	1.6	18
77	NIR-PTT/ROS-Scavenging/Oxygen-Enriched Synergetic Therapy for Rheumatoid Arthritis by a pH-Responsive Hybrid CeO ₂ -ZIF-8 Coated with Polydopamine. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3361-3376.	2.6	18
78	One-step entry to olefin-tethered N,S-heterocyclic carbene complexes of ruthenium with mixed ligands. <i>Dalton Transactions</i> , 2012, 41, 5988.	1.6	17
79	Smoothing the single-crystal to single-crystal conversions of a two-dimensional metal-organic framework via the hetero-metal doping of the linear trimetallic secondary building unit. <i>Dalton Transactions</i> , 2018, 47, 13722-13729.	1.6	16
80	Zn-based metal-organic frameworks (MOFs) of pyridinemethanol-carboxylate conjugated ligands: Deprotonation-dependent structures and CO ₂ adsorption. <i>Polyhedron</i> , 2018, 153, 218-225.	1.0	16
81	A cage-like supramolecular draw solute that promotes forward osmosis for wastewater remediation and source recovery. <i>Journal of Membrane Science</i> , 2020, 600, 117862.	4.1	16
82	Facile and recyclable dopamine sensing by a label-free terbium(III) metal-organic framework. <i>Talanta</i> , 2021, 221, 121399.	2.9	16
83	Phosphorescent Emitters from Natural Products: Cinchonine-Derived Iridium(III) Complexes. <i>Organometallics</i> , 2011, 30, 2137-2143.	1.1	15
84	Metal-Organic Frameworks via Emissive Metal-Carboxylate Zwitterion Intermediates. <i>ChemPlusChem</i> , 2015, 80, 1231-1234.	1.3	15
85	A cuboidal [Ni ₄ O ₄] cluster as a precursor for recyclable, carbon-supported nickel nanoparticle reduction catalysts. <i>Dalton Transactions</i> , 2017, 46, 7154-7158.	1.6	15
86	Synthesis, crystal structure and third-order nonlinear optical properties of a hexanuclear cluster [WOS ₃ Cu ₂ (4-tBuPy) ₂] ₂ (4-tBuPy=4-tert-butylpyridine). <i>Journal of Molecular Structure</i> , 2007, 829, 128-134.	1.8	14
87	Synthesis, structure and luminescent properties of a unique [WS ₄ Cu ₄]-based supramolecular compound [WS ₄ Cu ₄ (dmpzm) ₂ (dca) ₂]. <i>Inorganic Chemistry Communication</i> , 2007, 10, 623-626.	1.8	13
88	Formation of a 1D water chain into the channel of a unique 3D hydrogen-bound coordination polymer {[Cd(1/4-Cl)(4-pya)(H ₂ O)] ₂ ·4H ₂ O} (4-pya=trans-4-pyridylacrylate). <i>Inorganic Chemistry Communication</i> , 2007, 10, 975-978.	1.8	13
89	Complexation of 1,1-bis(diphenylphosphino)ferrocene dioxide (dppfO ₂) with 3d metals and revisit of its coordination to Pd(II). <i>Dalton Transactions</i> , 2011, 40, 10725.	1.6	13
90	Protonolysis Reactions of [(Me ₃ Si) ₂ N] ₃ Ln(1/4-Cl)Li(thf) ₃ with tBuSH or EtSH: Isolation, Structures and Catalytic Properties of Dinuclear Complexes [(Me ₃ Si) ₂ N] ₂ Ln(1/4-StBu) ₂ and Tetranuclear Complexes [Li(thf) ₄][(Me ₃ Si) ₂ N] ₄ Ln ₄ (1/4-SEt)(1/4-SEt) ₈] (Ln = Pr, Sm). <i>European Journal of Inorganic Chemistry</i> , 2007, 1889-1896.	1.0	12

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91	Trans [O ₂ Re ^V OH] core stabilised by chelating N-heterocyclic dicarbene ligands. Dalton Transactions, 2013, 42, 871-873.	1.6	12
92	Evaluating the component contribution to nonlinear optical performances using stable [Ni ₄ O ₄] cuboidal clusters as models. Dalton Transactions, 2018, 47, 8865-8869.	1.6	12
93	Metal-organic frameworks of linear trinuclear cluster secondary building units: structures and applications. Dalton Transactions, 2021, 50, 12692-12707.	1.6	12
94	Isolation of first row transition metal-carboxylate zwitterions. RSC Advances, 2015, 5, 42978-42989.	1.7	11
95	Enhancing the Physiochemical Properties of Puerarin via L-Proline Co-Crystallization: Synthesis, Characterization, and Dissolution Studies of Two Phases of Pharmaceutical Co-Crystals. International Journal of Molecular Sciences, 2021, 22, 928.	1.8	11
96	Construction of a Novel 2D Polymer [Co(dmpzm)(dca)] _n from Reaction of a Mononuclear Complex [Co(dmpzm)Cl ₂] with Sodium Dicyanamide (dca) [dmpzm=bis(3,5-dimethylpyrazolyl)methane]. Chinese Journal of Chemistry, 2006, 24, 1716-1720.	2.6	10
97	CS ₂ elimination and C-S bond cleavage in [Zn(dmpzdtc) ₂] leading to formation of a cyclic octanuclear complex [Zn ₄ (1/4-dmpz) ₅ (1/4-OH)(1/4-3-S)(py)] ₂ ·py(dmpzdtc=3,5-dimethylpyrazole-1-dithiocarboxylate). Inorganic Chemistry Communications, 2001, 4, 1079-1084.	1.0	10
98	Nickel(II) thiolates derived from transmetallation reaction of [Zn(Tab) ₄](PF ₆) ₂ with Ni(II) ions and their catalytic activity toward the CN coupling reactions. Inorganic Chemistry Communication, 2014, 46, 159-162.	1.8	10
99	Pyrididine-Carboxylate Ligands as Double-Bridge Spacers in CuI Metallacycles. European Journal of Inorganic Chemistry, 2015, 2015, 876-881.	1.0	10
100	Unlocking Inter- to Non-Penetrating Frameworks Using Steric Influences on Spacers for CO ₂ Adsorption. Chemistry - an Asian Journal, 2015, 10, 2117-2120.	1.7	10
101	Preparation of carbon-based AuAg alloy nanoparticles by using the heterometallic [Au ₄ Ag ₄] cluster for efficient oxidative coupling of anilines. Dalton Transactions, 2018, 47, 5780-5788.	1.6	10
102	An N,N'-diethylformamide solvent-induced conversion cascade within a metal-organic framework single crystal. Chemical Communications, 2020, 56, 5877-5880.	2.2	10
103	Di-μ ₄ -iodo-bis{[1,1'-methylenebis(3,5-dimethyl-1H-pyrazole-2-N ₂)]copper(I)}. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m4-m6.	0.4	9
104	Zinc and Cadmium Complexes of Pyridinemethanol Carboxylates: Metal Carboxylate Zwitterions and Metal-Organic Frameworks. ChemPlusChem, 2020, 85, 832-837.	1.3	9
105	Spacer-Directed Selective Assembly of Copper Square or Hexagon and Ring-Stacks or Coordination Nanotubes. Inorganic Chemistry, 2015, 54, 6680-6686.	1.9	8
106	A unique cooperative catalytic system carrying metallic iron and 2-hydroxyethyl 2-bromoisobutyrate for the controlled/living ring-opening polymerization of μ -caprolactone. RSC Advances, 2016, 6, 11400-11406.	1.7	8
107	Structural Insights into the Host-Guest Complexation between β -Cyclodextrin and Bio-Conjugatable Adamantane Derivatives. Molecules, 2021, 26, 2412.	1.7	8
108	Constructions of a set of novel hydrogen-bonded supramolecules from reactions of cobalt(II) salt with bis(3,5-dimethylpyrazolyl)methane and different carboxylic acids. Journal of Molecular Structure, 2008, 879, 119-129.	1.8	6

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