

Ming-Liang Tong

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Single Ion Magnets from 3d to 5f: Developments and Strategies. <i>Chemistry - A European Journal</i> , 2018, 24, 7574-7594. | 1.7 | 264 |
| 20 | Silver(I)-hexamethylenetetramine molecular architectures: from self-assembly to designed assembly. <i>Coordination Chemistry Reviews</i> , 2003, 246, 185-202. | 9.5 | 260 |
| 21 | Assembling Magnetic Nanowires into Networks: A Layered Coll Carboxylate Coordination Polymer Exhibiting Single-Chain-Magnet Behavior. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6310-6314. | 7.2 | 240 |
| 22 | A mixed-valence copper coordination polymer generated by hydrothermal metal/ligand redox reactions Electronic supplementary (ESI) available: the effective molar magnetic moment μ_{eff} of 1 vs. T. See http://www.rsc.org/suppdata/cc/b2/b203301a/ . <i>Chemical Communications</i> , 2002, , 1342-1343. | 2.2 | 236 |
| 23 | A Heterometallic Fe ^{II} -Dy ^{III} Single-Molecule Magnet with a Record Anisotropy Barrier. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12966-12970. | 7.2 | 235 |
| 24 | A New Self-Penetrating Uniform Net, (8,4) (or 86), Containing Planar Four-Coordinate Nodes. <i>Journal of the American Chemical Society</i> , 2003, 125, 16170-16171. | 6.6 | 230 |
| 25 | A Six-Coordinate Ytterbium Complex Exhibiting Easy-Plane Anisotropy and Field-Induced Single-Ion Magnet Behavior. <i>Inorganic Chemistry</i> , 2012, 51, 8538-8544. | 1.9 | 221 |
| 26 | Temperature-controlled hydrothermal synthesis of a 2D ferromagnetic coordination bilayered polymer and a novel 3D network with inorganic Co ₃ (OH) ₂ ferrimagnetic chains. <i>Chemical Communications</i> , 2004, , 418-419. | 2.2 | 218 |
| 27 | Unique nanoscale {CuII ₃₆ LnIII ₂₄ } (Ln = Dy and Gd) metallo-rings. <i>Chemical Communications</i> , 2012, 48, 5286. | 2.2 | 209 |
| 28 | Polynuclear and Polymeric Gadolinium Acetate Derivatives with Large Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2012, 51, 405-413. | 1.9 | 209 |
| 29 | Supramolecular Organisation of Polymeric Coordination Chains into a Three-Dimensional Network with Nanosized Channels that Clathrate Large Organic Molecules. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 138-142. | 1.0 | 199 |
| 30 | Helical Silver(I)-2,4-Bipyridine Chains Organized into 2-D Networks by Metal-Counterion or Metal-Metal Bonding. Structures of [Ag(2,4-bipyridine)]X (X= NO ₃ -or ClO ₄ -). <i>Inorganic Chemistry</i> , 1998, 37, 5278-5281. | 1.9 | 197 |
| 31 | Pseudo-Polyrotaxane and 2-Sheet Layer-Based Three-Dimensional Coordination Polymers Constructed with Silver Salts and Flexible Pyridyl-Type Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 4846-4848. | 1.9 | 193 |
| 32 | Syntheses, Crystal Structures, and Physical Properties of Dinuclear Copper(I) and Tetranuclear Mixed-Valence Copper(I,II) Complexes with Hydroxylated Bipyridyl-Like Ligands. <i>Chemistry - A European Journal</i> , 2002, 8, 3187. | 1.7 | 191 |
| 33 | The First {Dy ₄ } Single-Molecule Magnet with a Toroidal Magnetic Moment in the Ground State. <i>Inorganic Chemistry</i> , 2012, 51, 1233-1235. | 1.9 | 191 |
| 34 | A σ -Star Antiferromagnet: A Polymeric Iron(III) Acetate That Exhibits Both Spin Frustration and Long-Range Magnetic Ordering. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6076-6080. | 7.2 | 188 |
| 35 | Cu ²⁺ -Mediated Dehydrogenative Coupling and Hydroxylation of an N-Heterocyclic Ligand: From Generation of a New Tetratopic Ligand to the Designed Assembly of Three-Dimensional Copper(I) Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5471-5475. | 7.2 | 184 |
| 36 | Giant Heterometallic Cu ₁₇ Mn ₂₈ Cluster with Td Symmetry and High-Spin Ground State. <i>Journal of the American Chemical Society</i> , 2007, 129, 1014-1015. | 6.6 | 180 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Study of a magnetic-cooling material $Gd(OH)CO_3$. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9851-9858. | 5.2 | 173 |
| 38 | Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Ion Magnet. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4996-5000. | 7.2 | 173 |
| 39 | Molecular Ladders with Multiple Interpenetration of the Lateral Arms into the Squares of Adjacent Ladders Observed for $[M_2(4,4\text{-bpy})_3(H_2O)_2(phba)_2](NO_3)_2 \cdot 4H_2O$ ($M = Cu^{2+}$ or Co^{2+} ; $4,4\text{-bpy} = 1,4\text{-bipyridine}$). <i>Chemical Communications</i> , 2003, , 428-429. | 1.3 | 14 |
| 40 | Syntheses, Structures, and Properties of Three Novel Coordination Polymers of Silver(I) Aromatic Carboxylates with Hexamethylenetetramine Exhibiting Unique Metal-Interaction. <i>Organometallics</i> , 2001, 20, 5319-5325. | 1.1 | 164 |
| 41 | Anion-Templated Assembly and Magnetocaloric Properties of a Nanoscale $\{Gd_{38}\}$ Cage versus a $\{Gd_{48}\}$ Barrel. <i>Chemistry - A European Journal</i> , 2013, 19, 14876-14885. | 1.7 | 159 |
| 42 | A large cryogenic magnetocaloric effect exhibited at low field by a 3D ferromagnetically coupled Mn(II)-Gd(III) framework material. <i>Chemical Communications</i> , 2012, 48, 12219. | 2.2 | 152 |
| 43 | A novel three-dimensional coordination polymer constructed with mixed-valence dimeric copper(I,II) units. Electronic supplementary information (ESI) available: synthesis and data for 1. See http://www.rsc.org/suppdata/cc/b2/b210914j . <i>Chemical Communications</i> , 2003, , 428-429. | 2.2 | 151 |
| 44 | Controlled Aggregation of Heterometallic Nanoscale $Cu_{12}Ln_6$ Clusters ($Ln = Gd^{III}$ or Nd^{III}) into 2D Coordination Polymers. <i>Inorganic Chemistry</i> , 2005, 44, 559-565. | 1.9 | 150 |
| 45 | New In Situ Cleavage of Both S-S and S-C(sp ²) Bonds and Rearrangement Reactions toward the Construction of Copper(I) Cluster-Based Coordination Networks. <i>Inorganic Chemistry</i> , 2007, 46, 795-800. | 1.9 | 150 |
| 46 | A Dysprosium Metallocene Single-Molecule Magnet Functioning at the Axial Limit. <i>Angewandte Chemie</i> , 2017, 129, 11603-11607. | 1.6 | 149 |
| 47 | Supramolecular Isomerism in Cadmium Hydroxide Phases. Temperature-Dependent Synthesis and Structure of Photoluminescent Coordination Polymers of Cd^{2+} and Cd^{2+} - Cd^{2+} . <i>Crystal Growth and Design</i> , 2005, 5, 837-839. | 1.4 | 144 |
| 48 | Self-Assembly of Two- and Three-Dimensional Coordination Networks with Hexamethylenetetramine and Different Silver(I) Salts. <i>Chemistry - A European Journal</i> , 2000, 6, 3729-3738. | 1.7 | 137 |
| 49 | Rational design and construction of the first tetrahedral net with photoluminescent Cu_{414} cubane cluster as the tetrahedral node. <i>Dalton Transactions</i> , 2005, , 1165. | 1.6 | 135 |
| 50 | A brilliant cryogenic magnetic coolant: magnetic and magnetocaloric study of ferromagnetically coupled GdF_3 . <i>Journal of Materials Chemistry C</i> , 2015, 3, 12206-12211. | 2.7 | 134 |
| 51 | Distinct Molecular Motions in a Switchable Chromophore Dielectric $4\text{-N,N'-dimethylamino-4'-methylstilbazolium Trifluoromethanesulfonate}$. <i>Advanced Functional Materials</i> , 2012, 22, 4855-4861. | 1.3 | 133 |
| 52 | The First Noncluster Vanadium(IV) Coordination Polymers: Solvothermal Syntheses, Crystal Structure, and Ion Exchange. <i>Journal of Solid State Chemistry</i> , 2001, 160, 118-122. | 1.4 | 131 |
| 53 | From arm-shaped layers to a new type of polythreaded array: a two fold interpenetrated three-dimensional network with a rutile topology. Electronic Supplementary Information (ESI) available: details of the synthesis and solid state emission spectra of 1. See http://www.rsc.org/suppdata/cc/b4/b405016a . <i>Chemical Communications</i> , 2004, , 1876. | 2.2 | 131 |
| 54 | Hydrothermal Synthesis, Structures, and Photoluminescent Properties of Benzenepentacarboxylate Bridged Networks Incorporating Zinc(II)-Hydroxide Clusters or Zinc(II)-Carboxylate Layers. <i>Inorganic Chemistry</i> , 2008, 47, 190-199. | 1.9 | 131 |

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|----|--|-----|-----------|
| 55 | Toward Designed Assembly of Microporous Coordination Networks Constructed from Silver(I)-Hexamethylenetetramine Layers. <i>Inorganic Chemistry</i> , 2001, 40, 3562-3569. | 1.9 | 130 |
| 56 | Controlled hydrothermal synthesis of copper(ii or i,ii) coordination polymers via pH-dependent in situ metal/ligand redox reactions. <i>New Journal of Chemistry</i> , 2004, 28, 1412. | 1.4 | 123 |
| 57 | Homochiral crystallization of helical coordination chains bridged by achiral ligands: can it be controlled by the ligand structure?. <i>Dalton Transactions</i> , 2005, , 424. | 1.6 | 120 |
| 58 | Wheel-shaped nanoscale $3d \times 4f$ {CoII16LnIII24} clusters (Ln = Dy and Gd). <i>Chemical Communications</i> , 2013, 49, 8081. | 2.2 | 120 |
| 59 | The Effect of an Active Guest on the Spin Crossover Phenomenon. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1198-1202. | 7.2 | 119 |
| 60 | A Two-Dimensional Iron(II) Carboxylate Linear Chain Polymer that Exhibits a Metamagnetic Spin-Canted Antiferromagnetic to Single-Chain Magnetic Transition. <i>Inorganic Chemistry</i> , 2008, 47, 4077-4087. | 1.9 | 116 |
| 61 | A novel two-dimensional rectangular network. Synthesis and structure of $\{[Cu(4,4\text{-bpy})(pyz)(H_2O)_2][PF_6]_2\}_n$ (4,4'-bipyridine, pyz=pyrazine). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 5-6. | | 114 |
| 62 | Double-strand DNA cleavage by copper complexes of 2,2'-dipyridyl with electropositive pendants. <i>Dalton Transactions</i> , 2006, , 2066-2071. | 1.6 | 111 |
| 63 | Symmetry related $[D_{3h}MnIII12]$ cores with different magnetic anisotropies. <i>Chemical Science</i> , 2011, 2, 1268. | 3.7 | 108 |
| 64 | Synthesis, Structures, and Magnetic Properties of Heteronuclear Cu(II)-Ln(III) (Ln = La, Gd, or Tb) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 8285-8292. | 1.9 | 107 |
| 65 | A zigzag $D_{3h} \times C_4$ cluster exhibiting single-molecule magnet, ferroelectric and white-light emitting properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8858-8864. | 2.7 | 107 |
| 66 | Coexistence of Planar and Chair-Shaped Cyclic Water Hexamers in a Unique Cyclohexanehexacarboxylate-Bridged Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2006, 6, 357-359. | 1.4 | 105 |
| 67 | 1D Tubular Chains and 3D Polycatenane Frameworks Constructed with Cu_2X_2 Dimers (X = Br, I, CN-) and Flexible Dipyridyl Spacers. <i>Crystal Growth and Design</i> , 2006, 6, 2543-2550. | 1.4 | 102 |
| 68 | Novel three-dimensional $3d \times 4f$ microporous magnets exhibiting selective gas adsorption behavior. <i>Chemical Communications</i> , 2008, , 6348. | 2.2 | 100 |
| 69 | The coordination chemistry of cyclohexanepolycarboxylate ligands. Structures, conformation and functions. <i>Coordination Chemistry Reviews</i> , 2011, 255, 421-450. | 9.5 | 100 |
| 70 | Adjusting the Porosity and Interpenetration of Cadmium(II) Coordination Polymers by Ligand Modification: Syntheses, Structures, and Adsorption Properties. <i>Crystal Growth and Design</i> , 2010, 10, 1138-1144. | 1.4 | 96 |
| 71 | Multifunctional $D_{3h} \times C_4$ Cluster Exhibiting White-Emitting, Ferroelectric and Single-Molecule Magnet Behavior. <i>Chemistry - A European Journal</i> , 2013, 19, 8769-8773. | 1.7 | 96 |
| 72 | Dynamic Magnetic and Optical Insight into a High Performance Pentagonal Bipyramidal $D_{3h} \times C_4$ Single-Ion Magnet. <i>Chemistry - A European Journal</i> , 2017, 23, 5708-5715. | 1.7 | 96 |

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|----|---|-----|-----------|
| 73 | Hydrothermal synthesis and crystal structures of two bimetallic chain-like and cluster complexes $[\{Co(phen)_2\}_2V_6O_{17}]_n$ and $[\{Cu(phen)_2\}_4V_{10}O_{29}] \cdot 6H_2O$. <i>Chemical Communications</i> , 2000, , 1817-1818. | 2.2 | 95 |
| 74 | Two novel Dy ₈ and Dy ₁₁ clusters with cubane $[Dy_4(\mu_3-OH)_4]^{8+}$ units exhibiting slow magnetic relaxation behaviour. <i>Dalton Transactions</i> , 2011, 40, 10229. | 1.6 | 95 |
| 75 | Pure Trinuclear 4% of Single-Molecule Magnets: Synthesis, Structures, Magnetism and Ab Initio Investigation. <i>Chemistry - A European Journal</i> , 2011, 17, 2458-2466. | 1.7 | 93 |
| 76 | Complexation, Structure, and Superoxide Dismutase Activity of the Imidazolate-Bridged Dinuclear Copper Moiety with β -Cyclodextrin and Its Guanidinium-Containing Derivative. <i>Journal of the American Chemical Society</i> , 2006, 128, 4924-4925. | 6.6 | 92 |
| 77 | Synthesis, Structures, and Magnetic Properties of the Copper(II), Cobalt(II), and Manganese(II) Complexes with 9-Acridinecarboxylate and 4-Quinolinecarboxylate Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 9837-9846. | 1.9 | 91 |
| 78 | Guest-Switchable Multi-Step Spin Transitions in an Amine-Functionalized Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14982-14986. | 7.2 | 91 |
| 79 | Syntheses and structures of six chain-, ladder- and grid-like co-ordination polymers constructed from μ_4 -hexamethylenetetramine and silver salts. <i>Dalton Transactions RSC</i> , 2001, , 586-592. | 2.3 | 90 |
| 80 | A novel three-dimensional triangular organic-inorganic hybrid network self-assembled by mononuclear $[Mn(4,4\text{-bipyridine})_2(H_2O)_4]^{2+}$ cations and rich solvate 4,4-bipyridine molecules through hydrogen-bonding and π - π interactions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3657-3659. | 1.1 | 88 |
| 81 | A novel polycatenated double-layered hybrid organic-inorganic material constructed from $[Zn_2(tp)(4,4\text{-bpy})]_{n+2}$ layers and V_4O_{12} pillars. <i>Dalton Transactions RSC</i> , 2001, , 770-771. | 2.3 | 88 |
| 82 | Synthesis, crystal structures and properties of six cubane-like transition metal complexes of di-2-pyridyl ketone in gem-diol form. <i>Dalton Transactions RSC</i> , 2002, , 1727-1734. | 2.3 | 88 |
| 83 | $Cu^{II} \cdot Gd^{III}$ Cryogenic Magnetic Refrigerants and Cu_8Dy_9 Single-Molecule Magnet Generated by In Situ Reactions of Picolinaldehyde and Acetylpyridine: Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2013, 19, 17567-17577. | 1.7 | 88 |
| 84 | Gadolinium(III)-Hydroxy Ladders Trapped in Succinate Frameworks with Optimized Magnetocaloric Effect. <i>Chemistry - A European Journal</i> , 2013, 19, 13504-13510. | 1.7 | 88 |
| 85 | A novel high-spin heterometallic Ni ₁₂ K ₄ cluster incorporating large Ni-azide circles and an in situ cyanomethylated di-2-pyridyl ketone. <i>Chemical Communications</i> , 2005, , 233-235. | 2.2 | 86 |
| 86 | Desolvation-Driven 100-Fold Slow-down of Tunneling Relaxation Rate in Co(II)-Dy(III) Single-Molecule Magnets through a Single-Crystal-to-Single-Crystal Process. <i>Scientific Reports</i> , 2015, 5, 16621. | 1.6 | 84 |
| 87 | α -Half-sandwich Yb^{III} single-ion magnets with metallacrowns. <i>Chemical Communications</i> , 2015, 51, 10291-10294. | 2.2 | 83 |
| 88 | Coexistence of spin frustration and long-range magnetic ordering in a triangular $Co_3(\mu_3-OH)$ -based two-dimensional compound. <i>Chemical Communications</i> , 2006, , 165-167. | 2.2 | 81 |
| 89 | Gadolinium Oxalate Derivatives with Enhanced Magnetocaloric Effect via Ionothermal Synthesis. <i>Inorganic Chemistry</i> , 2014, 53, 9052-9057. | 1.9 | 77 |
| 90 | Two new 3D metal-organic frameworks of nanoscale cages constructed by Cd(ii) and conformationally-flexible cyclohexanehexacarboxylate. <i>Chemical Communications</i> , 2006, , 3166-3168. | 2.2 | 76 |

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|-----|---|-----|-----------|
| 91 | A unique open inorganic-organic framework with alternate hexa- and penta-coordinate cobalt(ii) sites. Synthesis, crystal structure and magnetic properties of $[\text{Co}_3(\text{C}_4\text{H}_4\text{O}_4)_2.5(\text{OH})]_n \cdot 0.5n\text{H}_2\text{O}$. Dalton Transactions RSC, 2001, , 2888-2890. | 2.3 | 75 |
| 92 | Construction of Pyridinethiolate-Bridged 2D and 3D Coordination Networks of d10 Metal Halides via Solvothermal in Situ Disulfide Cleavage Reactions. Crystal Growth and Design, 2007, 7, 2352-2360. | 1.4 | 75 |
| 93 | Synthesis, Structure and Photoluminescent Studies of Two Novel Layered Uranium Coordination Polymers Constructed from $\text{UO}(\text{OH})$ Polyhedra and Pyridinedicarboxylates. European Journal of Inorganic Chemistry, 2005, 2005, 4109-4117. | 1.0 | 74 |
| 94 | Rational Design and Control of the Dimensions of Channels in Three-Dimensional, Porous Metal-Organic Frameworks Constructed with Predesigned Hexagonal Layers and Pillars. European Journal of Inorganic Chemistry, 2006, 2006, 1931-1935. | 1.0 | 73 |
| 95 | Rational Synthesis and Characterization of Two Three-Dimensional Metal-Organic Frameworks Incorporating Silver Chains and 1,2,3,4,5,6-Cyclohexanhexacarboxylate. European Journal of Inorganic Chemistry, 2006, 2006, 2069-2077. | 1.0 | 72 |
| 96 | Coordination Chemistry of Conformationally Flexible 1,2,3,4,5,6-Cyclohexanhexacarboxylate: Trapping Various Conformations in Metal-Organic Frameworks. Chemistry - A European Journal, 2008, 14, 7218-7235. | 1.7 | 72 |
| 97 | Probing Single-Chain Magnets in a Family of Linear Chain Compounds Constructed by Magnetically Anisotropic Metal-Ions and Cyclohexane-1,2-Dicarboxylate Analogues. Inorganic Chemistry, 2008, 47, 11202-11211. | 1.9 | 72 |
| 98 | Synthesis and crystal structures of two infinite molecular ladders $\text{Ag}(4,4\text{-bpy})_x$ ($x = \text{MeCO}_2 \cdot 3\text{H}_2\text{O}$ or $\text{Tj ETQqO O O rgBT /Overlock}$). Dalton Transactions, 2008, 3, 436-441. | 1.8 | 71 |
| 99 | Symmetry-Related $[\text{Ln}^{\text{III}}_6\text{Mn}^{\text{III}}_{12}]$ Clusters toward Single-Molecule Magnets and Cryogenic Magnetic Refrigerants. Inorganic Chemistry, 2013, 52, 457-463. | 1.9 | 71 |
| 100 | Syntheses, structures and magnetic properties of a family of metal carboxylate polymers via in situ metal-ligand reactions of benzene-1,2,3-tricarboxylic acid. Dalton Transactions, 2009, , 1396. | 1.6 | 70 |
| 101 | Linear Metal(II)-4,4'-Bipyridine (4,4'-bpy) Chains Organized into Two-Dimensional Rhombic Networks by Hydrogen Bonding. Crystal Structures of $[\text{Co}(4,4\text{-bpy})(\text{H}_2\text{O})_4](\text{ClO}_4)_2 \cdot (4,4\text{-bpy})_2 \cdot 2\text{H}_2\text{O}$ and $[\text{Zn}(4,4\text{-bpy})(\text{H}_2\text{O})_3(\text{ClO}_4)](\text{ClO}_4) \cdot (4,4\text{-bpy})_1 \cdot 5\text{H}_2\text{O}$. Australian Journal of Chemistry, 1998, 51, 637. | 0.5 | 70 |
| 102 | Reactivity of 4-amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole, structures and magnetic properties of polynuclear and polymeric Mn(ii), Cu(ii) and Cd(ii) complexes. Dalton Transactions, 2009, , 10284. | 1.6 | 69 |
| 103 | Two 3d-4f nanomagnets formed via a two-step in situ reaction of picolinaldehyde. Chemical Communications, 2013, 49, 6549. | 2.2 | 69 |
| 104 | Remarkably high-temperature spin transition exhibited by new 2D metal-organic frameworks. Chemical Science, 2012, 3, 1629. | 3.7 | 68 |
| 105 | Double-strand DNA cleavage by copper complexes of 2,2'-dipyridyl with guanidinium/ammonium pendants. Dalton Transactions, 2008, , 3207. | 1.6 | 66 |
| 106 | Heterometallic cubane-like $\{\text{M}_2\text{Ln}_2\}$ ($\text{M} = \text{Ni}, \text{Zn}; \text{Ln} = \text{Gd}, \text{Dy}$) and $\{\text{Ni}_2\text{Y}_2\}$ aggregates. Synthesis, structures and magnetic properties. Dalton Transactions, 2012, 41, 2320-2329. | 1.6 | 66 |
| 107 | Relaxations in heterolanthanide dinuclear single-molecule magnets. Chemical Communications, 2013, 49, 158-160. | 2.2 | 66 |
| 108 | Chloride templated formation of $\{\text{Dy}_{12}(\text{OH})_{16}\}^{20+}$ cluster core incorporating 1,10-phenanthroline-2,9-dicarboxylate. CrystEngComm, 2011, 13, 3345. | 1.3 | 65 |

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|-----|---|-----|-----------|
| 109 | Physical stimulus and chemical modulations of bistable molecular magnetic materials. <i>Chemical Communications</i> , 2020, 56, 13702-13718. | 2.2 | 65 |
| 110 | Two- and three-dimensional non-interpenetrating open-networks self-assembled by 1/4-hexamethylenetetramine (hmt). Syntheses and structures of $[Ag_2(1/4\text{-hmt})(SO_4)(H_2O)] \cdot 4H_2O$ and $[Ag_2(1/4\text{-hmt})(1/4\text{-O}_2\text{CMe})]MeCO_2 \cdot 4.5H_2O$. <i>Chemical Communications</i> , 1999, , 561-562. | 2.2 | 64 |
| 111 | Switching of the Magnetocaloric Effect of Mn^{II} Glycolate by Water Molecules. <i>Chemistry - A European Journal</i> , 2014, 20, 3029-3035. | 1.7 | 63 |
| 112 | A square antiprism dysprosium single-ion magnet with an energy barrier over 900 K. <i>Chemical Communications</i> , 2019, 55, 9939-9942. | 2.2 | 62 |
| 113 | Opening Magnetic Hysteresis by Axial Ferromagnetic Coupling: From Mono-Decker to Double-Decker Metallocrown. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5299-5306. | 7.2 | 62 |
| 114 | Cation-templated construction of three-dimensional $1\pm$ -Po cubic-type $[M(dca)_3]^{n\pm}$ networks. Syntheses, structures and magnetic properties of $A[M(dca)_3]$ (dca = dicyanamide; for A = benzyltributylammonium,) T_j ETQqO 0 81 779-782. | 1.4 | 61 |
| 115 | Ferrimagnetic $[Co_3(1/3\text{-OH})_2(RCO_2)_4]$ chains embedded in a laminar hybrid material exhibiting single-chain magnet behaviour. <i>Dalton Transactions</i> , 2009, , 1897. | 1.6 | 61 |
| 116 | Spin-Frustrated Complex, $[Fe^{II}Fe^{III}(\text{trans-}1,4\text{-cyclohexanedicarboxylate})_{1.5}]_z$: Interplay between Single-Chain Magnetic Behavior and Magnetic Ordering. <i>Inorganic Chemistry</i> , 2009, 48, 2028-2042. | 1.9 | 61 |
| 117 | Modulation of single-molecule magnet behaviour via photochemical [2+2] cycloaddition. <i>Chemical Communications</i> , 2015, 51, 15358-15361. | 2.2 | 61 |
| 118 | Single-Molecule-Magnet Behavior in a $[2 \times 2]$ Grid Dy^{III}_4 Cluster and a Dysprosium-Doped Y^{III}_4 Cluster. <i>Inorganic Chemistry</i> , 2015, 54, 8087-8092. | 1.9 | 60 |
| 119 | Recent advance in heterometallic nanomagnets based on $TMxLn_4$ cubane subunits. <i>Coordination Chemistry Reviews</i> , 2019, 387, 129-153. | 9.5 | 60 |
| 120 | Isolation of a Perfectly Linear Uranium(II) Metallocene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2299-2303. | 7.2 | 60 |
| 121 | Synthesis, structures and magnetic properties of two 3D 3,4-pyridinedicarboxylate bridged manganese(II) coordination polymers incorporating 1D helical $Mn(\text{carboxylate})_2$ chain or $Mn_3(OH)_2$ chain. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1518-1525. | 1.4 | 59 |
| 122 | Cyanometallate-Bridged Didysprosium Single-Molecule Magnets Constructed with Single-Ion Magnet Building Block. <i>Inorganic Chemistry</i> , 2020, 59, 687-694. | 1.9 | 59 |
| 123 | Anionic and neutral metal-4,4'-bipyridine networks. Synthesis, structures and thermal properties of one- and three-dimensional coordination polymers constructed by metal salts and 4,4'-bipyridine. <i>CrystEngComm</i> , 2000, 2, 1. | 1.3 | 57 |
| 124 | The unique dual role of zinc atoms in a mixed zinc-vanadium phosphate $[Zn(\text{phen})Zn(\text{VO})(\text{PO}_4)_2]$. <i>Dalton Transactions RSC</i> , 2001, , 2069-2070. | 2.3 | 57 |
| 125 | Photoluminescent two-dimensional coordination polymers constructed with octanuclear silver(I) clusters or silver(I) ions. <i>New Journal of Chemistry</i> , 2002, 26, 814-816. | 1.4 | 57 |
| 126 | Synthesis, structure, photoluminescence and magnetic properties of new 3-D lanthanide-pyridine-2,4,6-tricarboxylate frameworks. <i>CrystEngComm</i> , 2008, 10, 1645. | 1.3 | 57 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
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