

Ming-Liang Tong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

356
papers

24,457
citations

81
h-index

144
g-index

386
ext. papers

26,457
ext. citations

6.1
avg. IF

7.23
L-index

| # | Paper | IF | Citations |
|-----|---|-------|-----------|
| 356 | Synergistic Experimental and Theoretical Studies of Luminescent-Magnetic LnZn Clusters.. <i>Inorganic Chemistry</i> , 2022 , | 5.1 | 2 |
| 355 | Reversible on-off switching of spin-crossover behavior via photochemical [2+2] cycloaddition reaction. <i>Science China Chemistry</i> , 2022 , 65, 120 | 7.9 | 1 |
| 354 | Single-molecule magnets bridged by a bismuth Zintl ion. <i>Chem</i> , 2022 , 8, 606-608 | 16.2 | 0 |
| 353 | Magnetization Dynamics on Isotope-Isomorphic Holmium Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 27282 | 16.4 | 0 |
| 352 | Thermally-Driven, Acidity-Driven, and Photodrivn Spin-State Switching in Pyridylacetylhydrazoniron(II) Complexes at or above Room Temperature. <i>Inorganic Chemistry</i> , 2021 , 60, 18225-18233 | 5.1 | 1 |
| 351 | Guest-Driven Light-Induced Spin Change in an Azobenzene Loaded Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2021 , | 16.4 | 5 |
| 350 | Light- and Chemical-Stimuli-Induced Isomerization of Donor-Acceptor Stenhouse Adducts. <i>ChemPhotoChem</i> , 2021 , 5, 559-564 | 3.3 | 0 |
| 349 | Field-induced oscillation of magnetization blocking barrier in a holmium metallocrown single-molecule magnet. <i>Chem</i> , 2021 , 7, 982-992 | 16.2 | 15 |
| 348 | Opening Magnetic Hysteresis by Axial Ferromagnetic Coupling: From Mono-Decker to Double-Decker Metallocrown. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5299-5306 | 16.4 | 29 |
| 347 | Opening Magnetic Hysteresis by Axial Ferromagnetic Coupling: From Mono-Decker to Double-Decker Metallocrown. <i>Angewandte Chemie</i> , 2021 , 133, 5359-5366 | 3.6 | 5 |
| 346 | Multiresponsive Spin Crossover Driven by Rotation of Tetraphenylborate Anion in an Iron(III) Complex. <i>CCS Chemistry</i> , 2021 , 3, 453-459 | 7.2 | 2 |
| 345 | Tuning luminescence of didysprosium single-molecule magnets with a π -conjugated/non-conjugated bridging ligand. <i>Dalton Transactions</i> , 2021 , 50, 6778-6783 | 4.3 | 0 |
| 344 | A spin-crossover phenomenon in a 2D heterometallic coordination polymer with [Pd(SCN)] building blocks. <i>Dalton Transactions</i> , 2021 , 50, 4152-4158 | 4.3 | 0 |
| 343 | Fascinating interlocked triacontanuclear giant nanocages. <i>Chemical Communications</i> , 2021 , 57, 11177-11180 | 13.80 | 0 |
| 342 | Pressure-Induced Piezochromism and Structure Transitions in Lead-Free Layered Cs ₄ MnBi ₂ Cl ₁₂ Quadruple Perovskite. <i>ACS Applied Energy Materials</i> , 2021 , 4, 7513-7518 | 6.1 | 1 |
| 341 | Acidity-Driven Bidirectional Room-Temperature Spin-State Switch and Fluorescence Modulation of a Mononuclear Fe(II) Complex. <i>CCS Chemistry</i> , 2021 , 3, 2350-2358 | 7.2 | 1 |
| 340 | A high-performance dysprosium(III) single-ion magnet with quasi-Oh symmetry. <i>Inorganic Chemistry Communication</i> , 2021 , 132, 108807 | 3.1 | 2 |

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| 339 | Reversible step spin crossover modulation via water absorption and dehydration in a 3D Hofmann-type framework. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 4334-4340 | 6.8 | 0 |
| 338 | Lanthanide clusters of phenanthroline containing a pyridine-pyrazole based ligand: magnetism and cell imaging. <i>Dalton Transactions</i> , 2021 , 50, 3593-3609 | 4.3 | 4 |
| 337 | Seeking magneto-structural correlations in easily tailored pentagonal bipyramid Dy(III) single-ion magnets. <i>Science China Chemistry</i> , 2020 , 63, 1066-1074 | 7.9 | 14 |
| 336 | Spin-crossover in an organic-inorganic hybrid perovskite. <i>Chemical Communications</i> , 2020 , 56, 4551-4554 | 5.8 | 6 |
| 335 | A perfect triangular dysprosium single-molecule magnet with virtually antiparallel Ising-like anisotropy. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2941-2948 | 6.8 | 10 |
| 334 | Slow magnetic dynamics in centrosymmetric didysprosium and equilateral triangular tridysprosium molecules. <i>Dalton Transactions</i> , 2020 , 49, 4164-4171 | 4.3 | 6 |
| 333 | Asymmetric seven-/eight-step spin-crossover in a three-dimensional Hofmann-type metal-organic framework. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 1685-1690 | 6.8 | 14 |
| 332 | Light- and temperature-assisted spin state annealing: accessing the hidden multistability. <i>Chemical Science</i> , 2020 , 11, 3281-3289 | 9.4 | 13 |
| 331 | Modulation of Slow Magnetic Relaxation for Tb(III)-Metallacrown Complexes by Controlling Axial Halide Coordination. <i>Acta Chimica Sinica</i> , 2020 , 78, 412 | 3.3 | 5 |
| 330 | Isolation of a Perfectly Linear Uranium(II) Metallocene. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2299-2303 | 16.4 | 29 |
| 329 | The substituent guest effect on four-step spin-crossover behavior. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 911-917 | 6.8 | 13 |
| 328 | Cyanometallate-Bridged Didysprosium Single-Molecule Magnets Constructed with Single-Ion Magnet Building Block. <i>Inorganic Chemistry</i> , 2020 , 59, 687-694 | 5.1 | 36 |
| 327 | Physical stimulus and chemical modulations of bistable molecular magnetic materials. <i>Chemical Communications</i> , 2020 , 56, 13702-13718 | 5.8 | 26 |
| 326 | Influence of Semirigidity and Diverse Binding Modes of an Asymmetric Pyridine-pyrazole Based Bis-Chelating Ligand in Controlling Molecular Architectures and Their Properties. <i>Crystal Growth and Design</i> , 2020 , 20, 5698-5708 | 3.5 | 4 |
| 325 | Magnetic dynamics of an open-ring tridysprosium complex employing mixed ligands. <i>Dalton Transactions</i> , 2020 , 49, 14140-14147 | 4.3 | 2 |
| 324 | Tunable photoluminescence in flexible carboxylate ligand-based coordination polymers with interesting topologies and Fe ³⁺ sensitivity. <i>CrystEngComm</i> , 2020 , 22, 6713-6719 | 3.3 | 5 |
| 323 | Tuning the net topology of a ternary Ag(I)-1,2,4,5-tetra(4-pyridyl)benzene-carboxylate framework: structures and photoluminescence. <i>CrystEngComm</i> , 2019 , 21, 6446-6451 | 3.3 | 5 |
| 322 | Building Block and Directional Bonding Approaches for the Synthesis of {DyMn ₄ } _n (n = 2, 3) Metallacrown Assemblies. <i>Crystal Growth and Design</i> , 2019 , 19, 1896-1902 | 3.5 | 16 |

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| 321 | Slow magnetic relaxation in a {EuCu} metallocrown. <i>Dalton Transactions</i> , 2019 , 48, 1686-1692 | 4.3 | 18 |
| 320 | Field-induced slow magnetic relaxation in a mononuclear Gd(III) complex. <i>Inorganic Chemistry Communication</i> , 2019 , 107, 107449 | 3.1 | 6 |
| 319 | Uranocenium: Synthesis, Structure, and Chemical Bonding. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10163-10167 | 16.4 | 23 |
| 318 | Recent advance in heterometallic nanomagnets based on TM _x Ln _{4-x} cubane subunits. <i>Coordination Chemistry Reviews</i> , 2019 , 387, 129-153 | 23.2 | 39 |
| 317 | Single-ion magnet and luminescent properties in a Dy(III) triangular dodecahedral complex. <i>Inorganic Chemistry Communication</i> , 2019 , 102, 16-19 | 3.1 | 9 |
| 316 | Chiral Erbium(III) Complexes: Single-Molecule Magnet Behavior, Chirality, and Nuclearity Control. <i>Inorganic Chemistry</i> , 2019 , 58, 10694-10703 | 5.1 | 11 |
| 315 | Hysteretic four-step spin-crossover in a 3D Hofmann-type metal-organic framework with aromatic guest. <i>Chemical Communications</i> , 2019 , 55, 11033-11036 | 5.8 | 27 |
| 314 | Investigation of SCO property-structural relationships in a family of mononuclear Fe(II) complexes. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 2194-2199 | 6.8 | 3 |
| 313 | A square antiprism dysprosium single-ion magnet with an energy barrier over 900 K. <i>Chemical Communications</i> , 2019 , 55, 9939-9942 | 5.8 | 35 |
| 312 | Spin-crossover modulation single-crystal to single-crystal photochemical [2 + 2] reaction in Hofmann-type frameworks. <i>Chemical Science</i> , 2019 , 10, 7496-7502 | 9.4 | 24 |
| 311 | A Gyroidal MOF with Unprecedented Interpenetrating Network Exhibiting Exceptional Thermal Stability and Ultrahigh CO Affinity. <i>Inorganic Chemistry</i> , 2019 , 58, 13766-13770 | 5.1 | 13 |
| 310 | Effect of Bridging Ligands on Magnetic Behavior in Dinuclear Dysprosium Cores Supported by Polyoxometalates. <i>Inorganic Chemistry</i> , 2019 , 58, 1301-1308 | 5.1 | 25 |
| 309 | A Multi-Stimuli-Responsive Fe(II) SCO Complex Based on an Acylhydrazone Ligand. <i>Inorganic Chemistry</i> , 2019 , 58, 999-1002 | 5.1 | 18 |
| 308 | Luminescent single-molecule magnets based on lanthanides: Design strategies, recent advances and magneto-luminescent studies. <i>Coordination Chemistry Reviews</i> , 2019 , 378, 365-381 | 23.2 | 198 |
| 307 | Chiral bis(phthalocyaninato) terbium double-decker compounds with enhanced single-ion magnetic behavior. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 939-943 | 6.8 | 15 |
| 306 | Multiple spin phases in a switchable Fe(II) complex: polymorphism and symmetry breaking effects. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3352-3361 | 7.1 | 20 |
| 305 | Symmetry strategies for high performance lanthanide-based single-molecule magnets. <i>Chemical Society Reviews</i> , 2018 , 47, 2431-2453 | 58.5 | 533 |
| 304 | Multifunctional luminescent magnetic cryocooler in a GdMn pyramidal complex. <i>Chemical Communications</i> , 2018 , 54, 4104-4107 | 5.8 | 29 |

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| 303 | Water molecule induced reversible single-crystal-to-single-crystal transformation between two trinuclear Fe(ii) complexes with different spin crossover behaviour. <i>Dalton Transactions</i> , 2018 , 47, 4307-4314 | 4.3 | 19 |
| 302 | Single Ion Magnets from 3d to 5f: Developments and Strategies. <i>Chemistry - A European Journal</i> , 2018 , 24, 7574-7594 | 4.8 | 180 |
| 301 | Humidity Sensitive Structural Dynamics and Solvatomagnetic Effects in a 3D Co(II)-Based Coordination Polymer. <i>Inorganic Chemistry</i> , 2018 , 57, 4070-4076 | 5.1 | 7 |
| 300 | A New Porous Three-Dimensional Iron(II) Coordination Polymer with Solvent-Induced Reversible Spin-Crossover Behavior. <i>Crystal Growth and Design</i> , 2018 , 18, 5214-5219 | 3.5 | 17 |
| 299 | The influence of NCE(E = S, Se, BH3) ligands on the temperature of spin crossover in a family of iron(II) mononuclear complexes. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1671-1676 | 6.8 | 16 |
| 298 | Enhancing single-molecule magnet behavior of linear CoII-DyIII CoII complex by introducing bulky diamagnetic moiety. <i>Science China Chemistry</i> , 2018 , 61, 1399-1404 | 7.9 | 19 |
| 297 | pH-Controlled Assembly of Organophosphonate-Bridged Dysprosium(III) Single-Molecule Magnets Based on Polyoxometalates. <i>Inorganic Chemistry</i> , 2018 , 57, 6773-6777 | 5.1 | 22 |
| 296 | Supertetrahedral T2 clusters in 3d-4f {Fe4Ln6}: Synthesis, crystal structure, magnetic and photoluminescent properties. <i>Inorganica Chimica Acta</i> , 2018 , 482, 240-245 | 2.7 | 7 |
| 295 | Magnetic hysteresis up to 80 kelvin in a dysprosium metallocene single-molecule magnet. <i>Science</i> , 2018 , 362, 1400-1403 | 33.3 | 864 |
| 294 | Cyclic OFF/Part/ON switching of single-molecule magnet behaviours via multistep single-crystal-to-single-crystal transformation between discrete Fe(ii)-Dy(iii) complexes. <i>Chemical Communications</i> , 2018 , 54, 10886-10889 | 5.8 | 27 |
| 293 | Magnetic Dynamics of a Neodymium(III) Single-Ion Magnet. <i>Inorganic Chemistry</i> , 2018 , 57, 11782-11787 | 5.1 | 19 |
| 292 | Dynamic Magnetic and Optical Insight into a High Performance Pentagonal Bipyramidal Dy Single-Ion Magnet. <i>Chemistry - A European Journal</i> , 2017 , 23, 5708-5715 | 4.8 | 79 |
| 291 | Dynamic Magnetic and Optical Insight into a High-Performance Pentagonal Bipyramidal DyIII Single-Ion Magnet. <i>Chemistry - A European Journal</i> , 2017 , 23, 5630-5630 | 4.8 | 4 |
| 290 | Di- and octa-nuclear dysprosium clusters derived from pyridyl-triazole based ligand: {Dy} showing single molecule magnetic behaviour. <i>Dalton Transactions</i> , 2017 , 46, 2981-2987 | 4.3 | 23 |
| 289 | A ladder-type iron(II) coordination polymer with enhanced spin-crossover behavior. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 921-926 | 6.8 | 4 |
| 288 | Aminoalcohols and benzoates-friends or foes? Tuning nuclearity of Cu(ii) complexes, studies of their structures, magnetism, and catecholase-like activities as well as performing DFT and TDDFT studies. <i>Dalton Transactions</i> , 2017 , 46, 9801-9823 | 4.3 | 42 |
| 287 | Reversible crystal-to-crystal transformation from a trinuclear cluster to a 1D chain and the corresponding spin crossover (SCO) behaviour change. <i>Chemical Communications</i> , 2017 , 53, 7820-7823 | 5.8 | 22 |
| 286 | Metal-Ion Induced In Situ Ligand Oxidation for Self-Assembled Clusters: from Bis(5-(2-pyridine-2-yl)-1,2,4-triazole-3-yl)methane to Alcohol or Ketone. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2172-2176 | 4.5 | 6 |

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| 285 | A Dysprosium Metallocene Single-Molecule Magnet Functioning at the Axial Limit. <i>Angewandte Chemie</i> , 2017 , 129, 11603-11607 | 3.6 | 124 |
| 284 | Two-Step Spin-Crossover with Three Inequivalent Fe Sites in a Two-Dimensional Hofmann-Type Coordination Polymer. <i>Chemistry - A European Journal</i> , 2017 , 23, 10034-10037 | 4.8 | 21 |
| 283 | Alkoxo- and carboxylato-bridged hexanuclear copper(II) complex: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2017 , 83, 49-51 | 3.1 | 10 |
| 282 | 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 | 16.4 | 139 |
| 281 | Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Ion Magnet. <i>Angewandte Chemie</i> , 2017 , 129, 5078-5082 | 3.6 | 28 |
| 280 | Recent advances in guest effects on spin-crossover behavior in Hofmann-type metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2017 , 335, 28-43 | 23.2 | 213 |
| 279 | Slow Magnetic Relaxation in Intermediate Spin $S = 3/2$ Mononuclear Fe(III) Complexes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16474-16477 | 16.4 | 37 |
| 278 | Guest-Switchable Multi-Step Spin Transitions in an Amine-Functionalized Metal-Organic Framework. <i>Angewandte Chemie</i> , 2017 , 129, 15178-15182 | 3.6 | 14 |
| 277 | Guest-Switchable Multi-Step Spin Transitions in an Amine-Functionalized Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14982-14986 | 16.4 | 65 |
| 276 | Exploring the Inverse Magnetocaloric Effect in Discrete MnII Dimers. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 22727-22732 | 3.8 | 3 |
| 275 | A disc-like Co ₇ cluster with a solvent dependent catecholase activity. <i>New Journal of Chemistry</i> , 2017 , 41, 14057-14061 | 3.6 | 14 |
| 274 | Organophosphonate-Bridged Polyoxometalate-Based Dysprosium(III) Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2017 , 56, 12687-12691 | 5.1 | 26 |
| 273 | Construction of lanthanide single-molecule magnets with the magnetic motif [Dy(MQ) ₄]. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1776-1782 | 6.8 | 15 |
| 272 | Tunable Magnetization Dynamics through Solid-State Ligand Substitution Reaction. <i>Inorganic Chemistry</i> , 2017 , 56, 8829-8836 | 5.1 | 10 |
| 271 | Innentitelbild: Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Ion Magnet (Angew. Chem. 18/2017). <i>Angewandte Chemie</i> , 2017 , 129, 4974-4974 | 3.6 | 1 |
| 270 | A Dysprosium Metallocene Single-Molecule Magnet Functioning at the Axial Limit. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11445-11449 | 16.4 | 707 |
| 269 | A wheel-shaped Dy(III) single-molecule magnet supported by polyoxotungstates. <i>Dalton Transactions</i> , 2017 , 46, 16796-16801 | 4.3 | 13 |
| 268 | A Piezochromic Dysprosium(III) Single-Molecule Magnet Based on an Aggregation-Induced-Emission-Active Tetraphenylethene Derivative Ligand. <i>Inorganic Chemistry</i> , 2017 , 56, 8730-8734 | 5.1 | 34 |

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| 267 | [2 + 2] Photochemical modulation of the Dy(III) single-molecule magnet: opposite influence on the energy barrier and relaxation time. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1311-1318 | 6.8 | 31 |
| 266 | High-Spin Molecules 2016 , 53-77 | | 0 |
| 265 | Unprecedented hexagonal bipyramidal single-ion magnets based on metallocrowns. <i>Chemical Communications</i> , 2016 , 52, 13365-13368 | 5.8 | 43 |
| 264 | Magnetocaloric Properties of Heterometallic 3d-Gd Complexes Based on the [Gd(oda) ₃](3-) Metalloligand. <i>Chemistry - A European Journal</i> , 2016 , 22, 802-8 | 4.8 | 29 |
| 263 | 4f-Clusters for Cryogenic Magnetic Cooling. <i>Structure and Bonding</i> , 2016 , 189-207 | 0.9 | 10 |
| 262 | Symmetry-Supported Magnetic Blocking at 20 K in Pentagonal Bipyramidal Dy(III) Single-Ion Magnets. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2829-37 | 16.4 | 601 |
| 261 | Evolution of Slow Magnetic Relaxation: from Diamagnetic Matrix Y(OH)CO ₃ to Dy(0.06)Y(0.94)(OH)CO ₃ with High Spin-Reversal Barrier and Blocking Temperature. <i>Inorganic Chemistry</i> , 2016 , 55, 3145-50 | 5.1 | 11 |
| 260 | Magnetic Properties and Photoluminescence of Lanthanide Coordination Polymers Constructed with Conformation-Flexible Cyclohexane-Tetracarboxylate Ligands. <i>Crystal Growth and Design</i> , 2016 , 16, 946-952 | 3.5 | 26 |
| 259 | The effect of magnetic coupling on magneto-caloric behaviour in two 3D Gd(III)glycolate coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 150-156 | 6.8 | 41 |
| 258 | 3D oxalato-bridged lanthanide(III) MOFs with magnetocaloric, magnetic and photoluminescence properties. <i>Dalton Transactions</i> , 2016 , 46, 116-124 | 4.3 | 48 |
| 257 | Molecular Design for Cryogenic Magnetic Coolants. <i>Chemical Record</i> , 2016 , 16, 825-34 | 6.6 | 34 |
| 256 | A Stable Pentagonal Bipyramidal Dy(III) Single-Ion Magnet with a Record Magnetization Reversal Barrier over 1000 K. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5441-50 | 16.4 | 738 |
| 255 | Lanthanoid single-ion magnets with the LnN ₁₀ coordination geometry. <i>Chemical Communications</i> , 2016 , 52, 6261-4 | 5.8 | 27 |
| 254 | Spin-Crossover Phenomenon in a Pentanuclear Iron(II) Cluster Helicate. <i>Inorganic Chemistry</i> , 2016 , 55, 4891-6 | 5.1 | 22 |
| 253 | A pseudo-icosahedral cage {Gd ₁₂ } based on aminomethylphosphonate. <i>Dalton Transactions</i> , 2016 , 45, 9041-4 | 4.3 | 31 |
| 252 | Multifaceted magnetization dynamics in the mononuclear complex [ReCl(CN)]. <i>Chemical Communications</i> , 2016 , 52, 12905-12908 | 5.8 | 24 |
| 251 | High-temperature spin crossover in two solvent-free coordination polymers with unusual high thermal stability. <i>Inorganic Chemistry</i> , 2015 , 54, 3006-11 | 5.1 | 14 |
| 250 | Single-Molecule-Magnet Behavior in a [2 × 2] Grid Dy(III) ₄ Cluster and a Dysprosium-Doped Y(III) ₄ Cluster. <i>Inorganic Chemistry</i> , 2015 , 54, 8087-92 | 5.1 | 51 |

- 249 Magnetic and luminescent properties of lanthanide coordination polymers with asymmetric biphenyl-3,2',5'-tricarboxylate. *Dalton Transactions*, **2015**, 44, 14424-35 4.3 37
- 248 Synthesis, structures and magnetic properties of octahedral clusters of $[MII_6(\beta\text{-Cl})(\text{phenda})_6]^{2+}$ (M=Mn, Co and Ni; phenda=1,10-phenanthroline-2,9-dicarboxylate). *Inorganic Chemistry Communication*, **2015**, 52, 77-79 3.1 8
- 247 Tunable cooperativity in a spin-crossover Hoffman-like metal-organic framework material by aromatic guests. *Journal of Materials Chemistry C*, **2015**, 3, 7830-7835 7.1 31
- 246 A breathing chiral molecular solid for enantioseparation via single-crystal-to-single-crystal transformation. *Science Bulletin*, **2015**, 60, 447-452 10.6 11
- 245 "Half-sandwich" Yb(III) single-ion magnets with metallocrowns. *Chemical Communications*, **2015**, 51, 10291-10294 5.8 75
- 244 Field-induced dynamic magnetic behaviour of a canted weak ferromagnetic chain material. *Inorganic Chemistry Frontiers*, **2015**, 2, 403-408 6.8 6
- 243 Polymorphism-Dependent Spin-Crossover: Hysteretic Two-Step Spin Transition with an Ordered [HS-HS-LS] Intermediate Phase. *Inorganic Chemistry*, **2015**, 54, 5145-7 5.1 43
- 242 Efficient enhancement of magnetic anisotropy by optimizing the ligand-field in a typically tetranuclear dysprosium cluster. *Dalton Transactions*, **2015**, 44, 8150-5 4.3 27
- 241 Hysteretic Spin Crossover in Two-Dimensional (2D) Hofmann-Type Coordination Polymers. *Inorganic Chemistry*, **2015**, 54, 8711-6 5.1 35
- 240 A brilliant cryogenic magnetic coolant: magnetic and magnetocaloric study of ferromagnetically coupled GdF₃. *Journal of Materials Chemistry C*, **2015**, 3, 12206-12211 7.1 93
- 239 Modulation of single-molecule magnet behaviour via photochemical [2+2] cycloaddition. *Chemical Communications*, **2015**, 51, 15358-61 5.8 50
- 238 Tuning the spin-crossover behaviour of a hydrogen-accepting porous coordination polymer by hydrogen-donating guests. *Chemistry - A European Journal*, **2015**, 21, 1645-51 4.8 40
- 237 Synergistic electrical bistability in a conductive spin crossover heterostructure. *Journal of Materials Chemistry C*, **2015**, 3, 945-949 7.1 43
- 236 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. *Scientific Reports*, **2015**, 5, 16621 4.9 78
- 235 Spin frustration in a family of pillared kagomelayers of high-spin cobalt(II) ions. *Chemistry - A European Journal*, **2015**, 21, 2560-7 4.8 11
- 234 Spin-crossover behavior in two new supramolecular isomers. *Inorganic Chemistry*, **2014**, 53, 201-8 5.1 22
- 233 Switching of the magnetocaloric effect of Mn(II) glycolate by water molecules. *Chemistry - A European Journal*, **2014**, 20, 3029-35 4.8 53
- 232 A chiral spin crossover metal-organic framework. *Chemical Communications*, **2014**, 50, 4059-61 5.8 48

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| 231 | Structures and properties of coordination polymers involving asymmetric biphenyl-3,2',5'-tricarboxylate. <i>CrystEngComm</i> , 2014 , 16, 10006-10016 | 3.3 | 15 |
| 230 | Study of a magnetic-cooling material Gd(OH)CO ₃ . <i>Journal of Materials Chemistry A</i> , 2014 , 2, 9851-9858 | 13 | 131 |
| 229 | A zigzag DyIII ₄ cluster exhibiting single-molecule magnet, ferroelectric and white-light emitting properties. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 8858-8864 | 7.1 | 95 |
| 228 | Cyanide-bridged bimetallic 3D Hoffman-like coordination polymers with tunable magnetic behaviour. <i>CrystEngComm</i> , 2014 , 16, 6444-6449 | 3.3 | 19 |
| 227 | Enhanced spin-crossover behavior mediated by supramolecular cooperative interactions. <i>Inorganic Chemistry</i> , 2014 , 53, 8129-35 | 5.1 | 21 |
| 226 | Gadolinium oxalate derivatives with enhanced magnetocaloric effect via ionothermal synthesis. <i>Inorganic Chemistry</i> , 2014 , 53, 9052-7 | 5.1 | 70 |
| 225 | Controllable Self-Assembly of Two Luminescent Silver(I) Metal-Organic Frameworks Bearing a Tetradentate Ligand. <i>Crystal Growth and Design</i> , 2014 , 14, 4674-4680 | 3.5 | 16 |
| 224 | Recent advances in the design of magnetic molecules for use as cryogenic magnetic coolants. <i>Coordination Chemistry Reviews</i> , 2014 , 281, 26-49 | 23.2 | 273 |
| 223 | Guest-effected spin-crossover in a novel three-dimensional self-penetrating coordination polymer with permanent porosity. <i>Inorganic Chemistry</i> , 2014 , 53, 4039-46 | 5.1 | 24 |
| 222 | A heterometallic Fe(II)-Dy(III) single-molecule magnet with a record anisotropy barrier. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12966-70 | 16.4 | 207 |
| 221 | Disklike hepta- and tridecanuclear cobalt clusters. Synthesis, structures, magnetic properties, and DFT calculations. <i>Inorganic Chemistry</i> , 2014 , 53, 5458-66 | 5.1 | 40 |
| 220 | Ein heterometallischer FeII-DyIII-Einzelmolekülmagnet mit Rekord-Anisotropiebarriere. <i>Angewandte Chemie</i> , 2014 , 126, 13180-13184 | 3.6 | 30 |
| 219 | Wheel-shaped nanoscale 3d-4f {Co(II) ₁₆ Ln(III) ₂₄ } clusters (Ln = Dy and Gd). <i>Chemical Communications</i> , 2013 , 49, 8081-3 | 5.8 | 104 |
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