

Song Gao

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.

496
papers

32,036
citations

86
h-index

155
g-index

527
ext. papers

33,966
ext. citations

6.4
avg, IF

7.26
L-index

#	Paper	IF	Citations
496	Magnetic Nanostructures: Rational Design and Fabrication Strategies toward Diverse Applications.. <i>Chemical Reviews</i> , 2022 ,	68.1	5
495	A Unique Layered Cu-formate Hydrate of Cu(HCOO) ₂ ·1/3H ₂ O: Structures, Dehydration, and Thermal and Magnetic Properties. <i>Chemical Research in Chinese Universities</i> , 2022 , 38, 107-116	2.2	
494	Free-standing 2D non-van der Waals antiferromagnetic hexagonal FeSe semiconductor: halide-assisted chemical synthesis and Fe related magnetic transitions.. <i>Chemical Science</i> , 2021 , 13, 203-209	9.4	3
493	Recent progress in metal-based molecular probes for optical bioimaging and biosensing. <i>Current Opinion in Chemical Biology</i> , 2021 , 66, 102097	9.7	3
492	Effect of the Transition Metal Ions on the Single-Molecule Magnet Properties in a Family of Air-Stable 3d-4f Ion-Pair Compounds with Pentagonal Bipyramidal Ln(III) Ions. <i>Inorganic Chemistry</i> , 2021 ,	5.1	3
491	Tuning the dynamic magnetic behaviour and proton conductivity via water-induced reversible single-crystal to single-crystal structural transformation. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 15858-15867	7.1	9
490	Slow magnetic relaxation in high-coordinate Co(II) and Fe(II) compounds bearing neutral tetradentate ligands. <i>Dalton Transactions</i> , 2021 , 50, 15327-15335	4.3	1
489	First-order-reversal-curve analysis of rare earth permanent magnet nanostructures: insight into the coercivity enhancement mechanism through regulating the Nd-rich phase. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1975-1982	6.8	1
488	Rare earth permanent magnetic nanostructures: chemical design and microstructure control to optimize magnetic properties. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 383-395	6.8	6
487	Slow magnetic relaxation in structurally similar mononuclear 8-coordinate Fe(II) and Fe(III) compounds. <i>Chemical Communications</i> , 2021 , 57, 781-784	5.8	2
486	Enhancing the magnetic performance of pyrazine-N-oxide bridged dysprosium chains through controlled variation of ligand coordination modes. <i>Dalton Transactions</i> , 2021 , 50, 7048-7055	4.3	2
485	Coherent manipulation and quantum phase interference in a fullerene-based electron triplet molecular qutrit. <i>Npj Quantum Information</i> , 2021 , 7,	8.6	7
484	Neutral polar hybrid perovskites of [(CH ₃) ₂ SO][RE(HCOO) ₃] (RE = Lu and Y): Phase transitions driven by transformation of weak C-H...O interactions. <i>APL Materials</i> , 2021 , 9, 021112	5.7	2
483	High temperature anionic Fe(III) spin crossover behavior in a mixed-valence Fe(II)/Fe(III) complex. <i>Dalton Transactions</i> , 2021 , 50, 5960-5967	4.3	2
482	Coexistence of magnetic and electric orderings in a divalent Cr-based multiaxial molecular ferroelectric. <i>Chemical Science</i> , 2021 , 12, 9742-9747	9.4	6
481	The construction of dynamic dysprosium-carboxylate ribbons by utilizing the hybrid-ligand conception. <i>Dalton Transactions</i> , 2021 , 50, 1246-1252	4.3	2
480	The comparative studies on the magnetic relaxation behaviour of the axially-elongated pentagonal-bipyramidal dysprosium and erbium ions in similar one-dimensional chain structures. <i>Dalton Transactions</i> , 2021 , 50, 8736-8745	4.3	3

479	Tri-Manganese(III) Salen-Based Cryptands: A Metal Cooperative Antioxidant Strategy that Overcomes Ischemic Stroke Damage. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10219-10227	16.4	14
478	Dy@CN: a new member of dimetalloazafullerenes with strong single molecular magnetism. <i>Nanoscale</i> , 2020 , 12, 11130-11135	7.7	9
477	Amination of the Gd@C endohedral fullerene: tunable substitution effect on quantum coherence behaviors. <i>Chemical Science</i> , 2020 , 11, 10737-10743	9.4	4
476	Four Dinuclear and One-Dimensional-Chain Dysprosium and Terbium Complexes Based on 2-Hydroxy-3-methoxybenzoic Acid: Structures, Fluorescence, Single-Molecule-Magnet, and Ab Initio Investigation. <i>Inorganic Chemistry</i> , 2020 , 59, 4414-4423	5.1	19
475	Electric field manipulation enhanced by strong spin-orbit coupling: promoting rare-earth ions as qubits. <i>National Science Review</i> , 2020 , 7, 1557-1563	10.8	9
474	Reactivity of a Two-Coordinate Cobalt(0) Cyclic (Alkyl)(amino)carbene Complex. <i>Organometallics</i> , 2020 , 39, 729-739	3.8	13
473	Unprecedented one-dimensional chain and two-dimensional network dysprosium(iii) single-molecule toroids with white-light emission. <i>Chemical Communications</i> , 2020 , 56, 2590-2593	5.8	13
472	Experimental Determination of Magnetic Anisotropy in Exchange-Bias Dysprosium Metallocene Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13037-13043	16.4	16
471	Experimental Determination of Magnetic Anisotropy in Exchange-Bias Dysprosium Metallocene Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2020 , 132, 13137-13143	3.6	2
470	High temperature Fe(III) spin crossover behaviours in three unprecedented FeIII/III/BeIII (M = Fe, Cd) linear trinuclear complexes. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 1526-1531	6.8	3
469	The differential magnetic relaxation behaviours of slightly distorted triangular dodecahedral dysprosium analogues in a type of cyano-bridged 3d-4f zig-zag chain compounds. <i>Dalton Transactions</i> , 2020 , 49, 6867-6875	4.3	6
468	Paramagnetic properties adjustment for Gd@C(9)-C82 by regioselective multi-amination. <i>Carbon</i> , 2020 , 158, 320-326	10.4	2
467	Weak exchange coupling effects leading to fast magnetic relaxations in a trinuclear dysprosium single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 447-454	6.8	9
466	Regulating the structural dimensionality and dynamic properties of a porous dysprosium coordination polymer through solvent molecules. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 930-938	6.8	11
465	Observation of the asphericity of 4f-electron density and its relation to the magnetic anisotropy axis in single-molecule magnets. <i>Nature Chemistry</i> , 2020 , 12, 213-219	17.6	24
464	Hybrid Dicyanamide Perovskites 2020 , 181-197		
463	Rational design of an "all-in-one" phototheranostic. <i>Chemical Science</i> , 2020 , 11, 8204-8213	9.4	16
462	Understanding the near-infrared fluorescence and field-induced single-molecule-magnetic properties of dinuclear and one-dimensional-chain ytterbium complexes based on 2-hydroxy-3-methoxybenzoic acid. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3136-3145	6.8	8

461	Orientation mapping of Rabi frequencies in a rare-earth molecular qubit. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3875-3881	6.8	3
460	A Gallium(III) Complex that Engages Protein Disulfide Isomerase A3 (PDIA3) as an Anticancer Target. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20147-20153	16.4	10
459	Hybrid Azide Perovskites 2020 , 151-179		
458	Hybrid Formate Perovskites 2020 , 79-149		
457	Adducts of Tris(alkyl) Holmium(III) Showing Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2020 , 59, 5835-5844	5.4	8
456	A rare chloride-bridged dysprosium chain with slow magnetic relaxation: a thermally activated mechanism via a second-excited state promoted by magnetic interactions. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 786-790	6.8	12
455	Dysprosium complexes bearing unsupported Dy-Ge/Sn metal-metal bonds as single-ion magnets. <i>Chemical Communications</i> , 2019 , 55, 8250-8253	5.8	13
454	Design principle of half-sandwich type erbium single-ion magnets through crystal field engineering: a combined magnetic and electronic structure study. <i>Dalton Transactions</i> , 2019 , 48, 10407-10411	4.3	4
453	Three New Niccolites: High-Temperature Phase Transitions, Prominent Anisotropic Thermal Expansions, Dielectric Anomalies, and Magnetism. <i>Chemistry - A European Journal</i> , 2019 , 25, 9303-9314	4.8	10
452	Multiple magnetic relaxation pathways in T-shaped N-heterocyclic carbene-supported Fe(I) single-ion magnets. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1050-1057	6.8	2
451	Getting Insights into the Temperature-Specific Active Sites on Platinum Nanoparticles for CO Oxidation: A Combined in Situ Spectroscopic and ab Initio Density Functional Theory Study. <i>ACS Catalysis</i> , 2019 , 9, 7759-7768	13.1	18
450	Single-Crystal Study of a Low Spin Co(II) Molecular Qubit: Observation of Anisotropic Rabi Cycles. <i>Inorganic Chemistry</i> , 2019 , 58, 2330-2335	5.1	7
449	Low-Coordinate Single-Ion Magnets by Intercalation of Lanthanides into a Phenol Matrix. <i>Angewandte Chemie</i> , 2018 , 130, 4763-4766	3.6	14
448	Low-Coordinate Single-Ion Magnets by Intercalation of Lanthanides into a Phenol Matrix. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4673-4676	16.4	71
447	Slow Magnetic Relaxation in a Series of Mononuclear 8-Coordinate Fe(II) and Co(II) Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 3761-3774	5.1	20
446	Coupling Influences SMM Properties for Pure 4 f Systems. <i>Chemistry - A European Journal</i> , 2018 , 24, 6079-6086	4.4	44
445	Magnetic Nanomaterials: Chemical Design, Synthesis, and Potential Applications. <i>Accounts of Chemical Research</i> , 2018 , 51, 404-413	24.3	172
444	Magnetic anisotropy investigation on light lanthanide complexes. <i>Dalton Transactions</i> , 2018 , 47, 1966-1971	7.1	12

443	Endohedral Metallofullerene as Molecular High Spin Qubit: Diverse Rabi Cycles in Gd@CN. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1123-1130	16.4	70
442	Dramatic impact of the lattice solvent on the dynamic magnetic relaxation of dinuclear dysprosium single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1575-1586	6.8	35
441	Alkylamine-Templated Niccolite Frameworks of [GaM(HCOO)] (M = Fe, Ni): Structure, Magnetism, and Dielectricity. <i>Inorganic Chemistry</i> , 2018 , 57, 3941-3947	5.1	14
440	Qubit crossover in the endohedral fullerene ScC@C. <i>Chemical Science</i> , 2018 , 9, 457-462	9.4	27
439	Elucidation of the two-step relaxation processes of a tetranuclear dysprosium molecular nanomagnet through magnetic dilution. <i>Dalton Transactions</i> , 2018 , 47, 11636-11644	4.3	14
438	A soft phosphorus atom to "harden" an erbium(iii) single-ion magnet. <i>Chemical Science</i> , 2018 , 9, 7540-7545	5.1	47
437	A neutral auxiliary ligand enhanced dysprosium(iii) single molecule magnet. <i>Dalton Transactions</i> , 2018 , 47, 7395-7398	4.3	1
436	Magnetic layered perovskites of [CHC(NH)][M(HCOO)] (M = Co and Ni): synthesis, structures and properties. <i>Dalton Transactions</i> , 2018 , 47, 11925-11933	4.3	10
435	Electric and magnetic transitions with 90° turning of polarizations in a layered perovskite of [NH4Cl]2[Ni(HCOO)2(NH3)2]. <i>APL Materials</i> , 2018 , 6, 114205	5.7	6
434	Single-Ion Anisotropy: An Insight to Complicated Magnetic Molecules. <i>Topics in Organometallic Chemistry</i> , 2018 , 227-252	0.6	1
433	Rational construction of a porous lanthanide coordination polymer featuring reversible guest-dependent magnetic relaxation behavior. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2875-2884	6.8	14
432	Highly near-IR emissive ytterbium(iii) complexes with unprecedented quantum yields. <i>Chemical Science</i> , 2017 , 8, 2702-2709	9.4	102
431	Magnetic and HFEP R Studies of Exchange Coupling in a Series of ECl Dicobalt Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 2417-2425	5.1	15
430	Chemically diverse and multifunctional hybrid organic-inorganic perovskites. <i>Nature Reviews Materials</i> , 2017 , 2,	73.3	608
429	Enhanced magnetic anisotropy in a tellurium-coordinated cobalt single-ion magnet. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 701-705	6.8	27
428	A Series of Bimetallic Ammonium AlNa Formates. <i>Chemistry - A European Journal</i> , 2017 , 23, 9857-9871	4.8	24
427	Two half-sandwich organometallic single-ion magnets with toluene coordinated to the Dy(III) ion: The [(C7H8)Dy(AlCl4)3] and [(C7H8)Dy(AlBr4)3] complexes. <i>Inorganic Chemistry Communication</i> , 2017 , 86, 312-314	3.1	5
426	Enhancing the reactivity of nickel(ii) in hydrogen evolution reactions (HERs) by hydrogenation of porphyrinoid ligands. <i>Chemical Science</i> , 2017 , 8, 5953-5961	9.4	37

425	A Six-Coordinate Dysprosium Single-Ion Magnet with Trigonal-Prismatic Geometry. <i>Inorganic Chemistry</i> , 2017 , 56, 7320-7323	5.1	23
424	Determination of zero-field splitting in Co halide complexes with magnetic and far-IR measurements. <i>Dalton Transactions</i> , 2017 , 46, 7408-7411	4.3	13
423	Slow Magnetic Relaxation in Weak Easy-Plane Anisotropy: the Case of a Combined Magnetic and HFEP Study. <i>Inorganic Chemistry</i> , 2017 , 56, 697-700	5.1	23
422	Slow magnetic relaxation in a mononuclear 8-coordinate Fe(II) complex. <i>Chemical Communications</i> , 2017 , 53, 1474-1477	5.8	27
421	Two-Coordinate Co(II) Imido Complexes as Outstanding Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2017 , 139, 373-380	16.4	261
420	Modulating Slow Magnetic Relaxation of Dysprosium Compounds through the Position of Coordinating Nitrate Group. <i>Inorganic Chemistry</i> , 2017 , 56, 13430-13436	5.1	19
419	Probing the influence of molecular symmetry on the magnetic anisotropy of octahedral cobalt(II) complexes. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1909-1916	6.8	22
418	An organic-inorganic perovskite ferroelectric with large piezoelectric response. <i>Science</i> , 2017 , 357, 306-309	39.5	506
417	A New Bis(phthalocyaninato) Terbium Single-Ion Magnet with an Overall Excellent Magnetic Performance. <i>Inorganic Chemistry</i> , 2017 , 56, 13889-13896	5.1	40
416	Novel bis(phthalocyaninato) rare earth complexes with the bulky and strong electron-donating dibutylamino groups: synthesis, spectroscopy, and SMM properties. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1465-1471	6.8	29
415	Modulating the phases of iron carbide nanoparticles: from a perspective of interfering with the carbon penetration of Fe@FeO by selectively adsorbed halide ions. <i>Chemical Science</i> , 2017 , 8, 473-481	9.4	80
414	Hydroxide-bridged five-coordinate Dy single-molecule magnet exhibiting the record thermal relaxation barrier of magnetization among lanthanide-only dimers. <i>Chemical Science</i> , 2017 , 8, 1288-1294	9.4	137
413	A family of one-dimensional lanthanide complexes bridged by two distinct carboxylate ligands with the Dy analogue displaying magnetic relaxation behaviour. <i>Dalton Transactions</i> , 2017 , 46, 14114-14121	4.3	25
412	High symmetry or low symmetry, that is the question - high performance Dy(III) single-ion magnets by electrostatic potential design. <i>Chemical Science</i> , 2016 , 7, 684-691	9.4	194
411	Single-molecule magnetism of tetrapyrrole lanthanide compounds with sandwich multiple-decker structures. <i>Coordination Chemistry Reviews</i> , 2016 , 306, 195-216	23.2	142
410	Weak Ligand-Field Effect from Ancillary Ligands on Enhancing Single-Ion Magnet Performance. <i>Chemistry - A European Journal</i> , 2016 , 22, 12724-31	4.8	56
409	Spin transitions in a series of [Fe(pybox) ₂] ²⁺ complexes modulated by ligand structures, counter anions, and solvents. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 1624-1636	6.8	22
408	Understanding the Magnetic Anisotropy toward Single-Ion Magnets. <i>Accounts of Chemical Research</i> , 2016 , 49, 2381-2389	24.3	266

407	Can Non-Kramers Tm(III) Mononuclear Molecules be Single-Molecule Magnets (SMMs)?. <i>Chemistry - A European Journal</i> , 2016 , 22, 4704-8	4.8	40
406	Thermally-induced single-crystal-to-single-crystal transformations from a 2D two-fold interpenetrating square lattice layer to a 3D four-fold interpenetrating diamond framework and its application in dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 19001-10	3.6	9
405	Temperature-Induced Irreversible Phase Transition From Perovskite to Diamond But Pressure-Driven Back-Transition in an Ammonium Copper Formate. <i>Angewandte Chemie</i> , 2016 , 128, 2137-2140 ⁸	2.6	8
404	Lanthanide dinuclear complexes constructed from mixed oxygen-donor ligands: the effect of substituent positions of the neutral ligand on the magnetic dynamics in Dy analogues. <i>Dalton Transactions</i> , 2016 , 45, 4614-21	4.3	25
403	Direct observation of a fast single-crystal-to-single-crystal transformation from a CuI-framework to a CuI-chain mediated by ascorbic acid. <i>CrystEngComm</i> , 2016 , 18, 1878-1882	3.3	2
402	Evaporable lanthanide single-ion magnet. <i>CrystEngComm</i> , 2016 , 18, 4165-4171	3.3	22
401	Cooperative Crystallization of Chiral Heterometallic Indium(III)Potassium(I) MetalOrganic Frameworks as Photosensitizers in Luminescence Sensors and Dye-Sensitized Solar Cells. <i>Crystal Growth and Design</i> , 2016 , 16, 1737-1745	3.5	36
400	Controllable synthesis of Zn/Cd(ii) coordination polymers: dual-emissive luminescent properties, and tailoring emission tendency under varying excitation energies. <i>Dalton Transactions</i> , 2016 , 45, 4863-78 ³	4.3	20
399	(Boratabenzene)(cyclooctatetraenyl) lanthanide complexes: a new type of organometallic single-ion magnet. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 828-835	6.8	59
398	Triple Helical Molecular Braid and Parallel Packed Wavy Chain-Based Supramolecular Organic Frameworks with Conformation- and Packing-Dependent Luminescent Properties. <i>Crystal Growth and Design</i> , 2016 , 16, 4727-4735	3.5	5
397	Perovskite-Like Polar Lanthanide Formate Frameworks of [NHNH][Ln(HCOO)] (Ln = Tb-Lu and Y): Synthesis, Structures, Magnetism, and Anisotropic Thermal Expansion. <i>Inorganic Chemistry</i> , 2016 , 55, 10075-10082	5.1	20
396	Temperature-Induced Irreversible Phase Transition From Perovskite to Diamond But Pressure-Driven Back-Transition in an Ammonium Copper Formate. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2097-100	16.4	43
395	Assembling Dysprosium Dimer Units into a Novel Chain Featuring Slow Magnetic Relaxation via Formate Linker. <i>Inorganic Chemistry</i> , 2016 , 55, 12904-12911	5.1	36
394	A Variety of Phase-Transition Behaviors in a Niccolite Series of [NH ₃ (CH ₂) ₄ NH ₃][M(HCOO) ₃] ₂ . <i>Chemistry - A European Journal</i> , 2016 , 22, 6199-203	4.8	35
393	A distinct magnetic anisotropy enhancement in mononuclear dysprosium-sulfur complexes by controlling the Dy-ligand bond length. <i>Dalton Transactions</i> , 2016 , 45, 8149-53	4.3	20
392	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	73 ⁸
391	Dinuclear dysprosium SMMs bridged by a neutral bipyrimidine ligand: two crystal systems that depend on different lattice solvents lead to a distinct slow relaxation behaviour. <i>Dalton Transactions</i> , 2016 , 45, 8790-4	4.3	42
390	Thermostability and photoluminescence of Dy(iii) single-molecule magnets under a magnetic field. <i>Chemical Science</i> , 2016 , 7, 5020-5031	9.4	83

- 389 Two Magnetic Switching Complexes Based on the Fe(II) Ion. *Inorganic Chemistry*, **2016**, 55, 7805-7 5.1 8
- 388 Tuning Slow Magnetic Relaxation in a Two-Dimensional Dysprosium Layer Compound through Guest Molecules. *Inorganic Chemistry*, **2016**, 55, 7980-7 5.1 33
- 387 A 36-Fold Multiple Unit Cell and Switchable Anisotropic Dielectric Responses in an Ammonium Magnesium Formate Framework. *Angewandte Chemie*, **2015**, 127, 2564-2567 3.6 21
- 386 Does the thermal evolution of molecular structures critically affect the magnetic anisotropy?. *Chemical Science*, **2015**, 6, 4587-4593 9.4 57
- 385 Construction and theoretical study of a new Dy(III)-diketone chain featuring slow magnetic relaxation. *CrystEngComm*, **2015**, 17, 5620-5624 3.3 18
- 384 Rational enhancement of the energy barrier of bis(tetrapyrrole) dysprosium SMMs replacing atom of porphyrin core. *Chemical Science*, **2015**, 6, 5947-5954 9.4 82
- 383 Tunable Luminescence and Application in Dye-Sensitized Solar Cells of Zn(II)/Hg(II) Complexes: Methyl Substitution-Induced Supramolecular Structures Based on (E)-N-(6-Methoxypyridin-2-ylmethylene)arylamine Derivatives. *Inorganic Chemistry*, **2015**, 54, 7742-52 5.1 21
- 382 Structure variations of a series of lanthanide complexes constructed from quinoline carboxylate ligands: photoluminescent properties and PMMA matrix doping. *RSC Advances*, **2015**, 5, 38254-38263 3.7 18
- 381 Combined Effect of Hydrogen Bonding and π - π Stacking Interactions in the Assembly of Indium(III) Metal-Organic Materials: Structure-Directing and Aggregation-Induced Emission Behavior. *Crystal Growth and Design*, **2015**, 15, 2402-2412 3.5 28
- 380 Two mononuclear single molecule magnets derived from dysprosium(III) and tmphen (tmphen = 3,4,7,8-tetramethyl-1,10-phenanthroline). *Dalton Transactions*, **2015**, 44, 9020-6 4.3 31
- 379 Multifunctional Zn(II)/Cd(II) metal complexes for tunable luminescence properties and highly efficient dye-sensitized solar cells. *RSC Advances*, **2015**, 5, 43705-43716 3.7 12
- 378 Thermal and light induced spin crossover behavior of a dinuclear Fe(II) compound. *Dalton Transactions*, **2015**, 44, 11282-5 4.3 21
- 377 Two-step magnetic switching in a mononuclear iron(II) complex around room temperature. *Dalton Transactions*, **2015**, 44, 8938-41 4.3 7
- 376 Cobalt(II) coordination polymer exhibiting single-ion-magnet-type field-induced slow relaxation behavior. *Inorganic Chemistry*, **2015**, 54, 3716-8 5.1 62
- 375 Observation of the single-ion magnet behavior of d ions on two-coordinate Co(i)-NHC complexes. *Chemical Science*, **2015**, 6, 7156-7162 9.4 93
- 374 Advanced Cd(II) complexes as high efficiency co-sensitizers for enhanced dye-sensitized solar cell performance. *Dalton Transactions*, **2015**, 44, 18187-95 4.3 14
- 373 Structural phase transition in a multi-induced mononuclear Fe(II) spin-crossover complex. *Dalton Transactions*, **2015**, 44, 20906-12 4.3 20
- 372 Synthesis and characterization of substituted Schiff-base ligands and their d(10) metal complexes: structure-induced luminescence tuning behaviors and applications in co-sensitized solar cells. *Dalton Transactions*, **2015**, 44, 5306-22 4.3 36

371	Linear trinuclear cobalt(II) single molecule magnet. <i>Dalton Transactions</i> , 2015 , 44, 2865-70	4.3	28
370	In situ tetrazole templated chair-like decanuclear azido-cobalt(II) SMM containing both tetra- and octa-hedral Co(II) ions. <i>Dalton Transactions</i> , 2015 , 44, 480-3	4.3	14
369	An A-site mixed-ammonium solid solution perovskite series of $[(\text{NH}_2\text{NH}_3)_x(\text{CH}_3\text{NH}_3)_{1-x}][\text{Mn}(\text{HCOO})_3]$ ($x=1.00-0.67$). <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11093-6	16.4	89
368	Transition Metal (Fe, Co and Ni) Carbide and Nitride Nanomaterials: Structure, Chemical Synthesis and Applications. <i>ChemNanoMat</i> , 2015 , 1, 376-398	3.5	57
367	A 36-fold multiple unit cell and switchable anisotropic dielectric responses in an ammonium magnesium formate framework. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2534-7	16.4	79
366	An A-Site Mixed-Ammonium Solid Solution Perovskite Series of $[(\text{NH}_2\text{NH}_3)_x(\text{CH}_3\text{NH}_3)_{1-x}][\text{Mn}(\text{HCOO})_3]$ ($x=1.00-0.67$). <i>Angewandte Chemie</i> , 2015 , 127, 11245-11248	3.6	19
365	Influence of Guest Exchange on the Magnetization Dynamics of Dilanthanide Single-Molecule-Magnet Nodes within a Metal-Organic Framework. <i>Angewandte Chemie</i> , 2015 , 127, 9999-10003	3.6	19
364	Influence of Guest Exchange on the Magnetization Dynamics of Dilanthanide Single-Molecule-Magnet Nodes within a Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9861-5	16.4	230
363	Synthesis, Crystal Structures, and Magnetic Properties of Heterodimetallic RuIII/CoIII Coordination Compounds Based on a Meridional Tricyanoruthenium(III) Building Block. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1065-1073	2.3	6
362	Slow magnetic relaxation in a novel carboxylate/oxalate/hydroxyl bridged dysprosium layer. <i>Chemical Science</i> , 2015 , 6, 3095-3101	9.4	138
361	Structural Distortion Controlled Spin-Crossover Behavior. <i>Crystal Growth and Design</i> , 2015 , 15, 2565-2567	3.5	12
360	Half-Sandwich Complexes of Dy(III): A Janus-Motif with Facile Tunability of Magnetism. <i>Inorganic Chemistry</i> , 2015 , 54, 5162-8	5.1	36
359	Copper(I)-iodide based coordination polymers: bifunctional properties related to thermochromism and PMMA-doped polymer film materials. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 6249-6259	7.1	33
358	A Family of Co(II)Co(III) ₃ Single-Ion Magnets with Zero-Field Slow Magnetic Relaxation: Fine Tuning of Energy Barrier by Remote Substituent and Counter Cation. <i>Inorganic Chemistry</i> , 2015 , 54, 5475-86	5.1	77
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99	Long-range ferromagnetic ordering in two-dimensional coordination polymers Co[N(CN)2]2(L) [L = pyrazine dioxide (pzdo) and 2-methyl pyrazine dioxide (mpdo)] with dual μ - and μ_3 -[N(CN)2] bridges. <i>Inorganic Chemistry</i> , 2003 , 42, 5399-404	5.1	67
98	A three-dimensional manganese complex exhibiting ferrimagnetic and metamagnetic behaviors. <i>Inorganic Chemistry</i> , 2003 , 42, 5486-8	5.1	86
97	The First One-Dimensional Molecular Material Featuring Maleonitriledithiolate as a Subunit Exhibiting Metamagnetic-Like Behavior. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2393-2396 ^{2,3}		61
96	Syntheses and Structures of Layered Copper(II) Diphosphonates with Mixed Ligands. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 726-730	2.3	22
95	Synthesis, Crystal Structures and Magnetism of a Series of Heptanuclear Rare-Earth-Centered Trigonal Prism Clusters. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 731-736	2.3	34
94	The silica-like extended polymorphism of cobalt(II) imidazolate three-dimensional frameworks: X-ray single-crystal structures and magnetic properties. <i>Chemistry - A European Journal</i> , 2003 , 9, 5673-85 ^{4,8}		247
93	A 2D cyano- and oxamidato-bridged heterotrimetallic Cr(III)-Cu(I)-Gd(III) complex. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3288-91	16.4	166
92	Two novel types of Ln ₂ M ₂ clusters bridged by cyanide and carboxylate simultaneously. <i>Journal of Solid State Chemistry</i> , 2003 , 171, 201-207	3.3	14
91	Hydrothermal syntheses, crystal structures and magnetic properties of two inorganic-organic hybrid materials: [Cu(phen)] ₂ (VO ₂) ₂ (H ₂ O)(PO ₄) ₂] and [V ₄ O ₇ (2,2'-bpy) ₂ (HPO ₄) ₂] (phen=1,10-phenanthroline, bpy=bipyridine). <i>Journal of Solid State Chemistry</i> , 2003 , 176, 69-75	3.3	13
90	Bimetallic sandwiches assembled with chelated Cu/Zn cations and manganese dicyanamide polymeric ladders. <i>Polyhedron</i> , 2003 , 22, 433-439	2.7	17
89	The highly stable open frameworks and the adsorption performance of a 3D Er/Cu coordination polymer containing spacious channels. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 841-844	3.1	11
88	[Cu(tn)] ₃ [W(CN) ₈] ₂ ·2H ₂ O and [Cu(pn)] ₃ [W(CN) ₈] ₂ ·2H ₂ O: Two Novel Cu(II)/W(V) Cyano-Bridged Two-Dimensional Coordination Polymers with Metamagnetism. <i>Chemistry of Materials</i> , 2003 , 15, 2094-2098	8.6	52
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86	High-dimensional architectures from the self-assembly of lanthanide ions with benzenedicarboxylates and 1,10-phenanthroline. <i>Inorganic Chemistry</i> , 2003 , 42, 4985-94	5.1	294
85	Magnetic Properties of Metal Diphosphonate Compounds with One-Dimensional Chain Structures. <i>Chemistry of Materials</i> , 2003 , 15, 3233-3236	9.6	63
84	An azide-bridged homospin single-chain magnet: [Co(2,2'-bithiazoline)(N ₃) ₂] _n . <i>Journal of the American Chemical Society</i> , 2003 , 125, 13976-7	16.4	466

83	Monodisperse nickel nanoparticles prepared from a monosurfactant system and their magnetic properties. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1510		150
82	Synthesis, crystal structure and magnetic properties of a CuII/III/IV bimetallic complex with a novel open framework structure. <i>Dalton Transactions</i> , 2003 , 3283-3287	4.3	30
81	Ferromagnetic ordering and metamagnetism in malonate bridged 3D diamond-like and honeycomb-like networks: [Cu(mal)(DMF)] _n and [[Cu(mal)(0.5pyz)].H ₂ O] _n (mal = Malonate Dianion, DMF = N,N-dimethylformamide, pyz = Pyrazine). <i>Inorganic Chemistry</i> , 2003 , 42, 4792-4	5.1	75
80	A two-step field-induced magnetic transition in a novel layered cobalt diphosphonate. <i>Chemical Communications</i> , 2003 , 1076-7	5.8	76
79	A novel molecular ladder structure of Cu(II)-Ba(II) coordination polymer exhibiting ferromagnetic coupling. <i>Chemical Communications</i> , 2003 , 2946-7	5.8	24
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77	Structures and Magnetic Properties of Iron Diphosphonates: [NH ₃ (CH ₂) ₂ NH ₃][FeII{HO ₃ PC(CH ₃)(OH)(PO ₃ H)} ₂] ₂ H ₂ O and [NH ₃ (CH ₂) ₂ NH ₂ (CH ₂) ₂ NH ₃][FeIII{O ₃ PC(CH ₃)(OH)(PO ₃ H)} ₂] ₂ H ₂ O. <i>Journal of Solid State Chemistry</i> , 2002 , 164, 367-373	3.3	21
76	Two-dimensional rare earth coordination polymers involving different coordination modes of thiodiglycolic acid. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 28-31	3.1	18
75	Structures and magnetism of bimetallic octacyanometallates: honeycomb-like [Mo(CN) ₈ Ni ₂ (pn) ₄] _n ·4nH ₂ O and binuclear [Mo(CN) ₈ Ni(en) ₂ (H ₂ O)][Ni(en) ₃] ₂ H ₂ O (pn=1,3-diaminopropane, en=1,2-diaminoethane). <i>Inorganic Chemistry Communication</i> , 2002 , 5, 660-663	3.1	23
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73	Lanthanide contraction and anions-controlled dimensional diversity in Ln ³⁺ Cu ²⁺ NTA (Ln=lanthanide, H ₃ NTA=nitrilotriacetic acid) coordination polymers: crystal structure and magnetic properties. <i>Polyhedron</i> , 2002 , 21, 1097-1103	2.7	48
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70	Metamagnetic Copper(II) Diphosphonates with Layered Structures. <i>Chemistry of Materials</i> , 2002 , 14, 3143-3147	9.6	60
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64	Hydrothermal syntheses and crystal structures of two-dimensional (2D) layered vanadium oxide complexes: M(bipy)(H ₂ O)V ₂ O ₆ (M = Ni, Co, bipy = bipyridine) and [Ni(bipy) ₂ V ₆ O ₁₇]. <i>Dalton Transactions RSC</i> , 2002 , 598		39
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49	Ferromagnetic Ordering in a Diamond-Like Cyano-Bridged Mn(II)/Ru(III) Bimetallic Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3031-3	16.4	81
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3	Gallium (III) Complexes in Cancer Chemotherapy. <i>European Journal of Inorganic Chemistry</i> ,	2.3	1
2	Constructing Magnetic Molecular Solids by Employing Three-Atom Ligands as Bridges		195-228
1	A series of counter cation-dependent tetra-μ ₃ -diketonate mononuclear lanthanide(III) single-molecule magnets and immobilization on pre-functionalised GaN substrates by anion exchange reaction. <i>Journal of Materials Chemistry C</i> ,	7.1	1