You Song

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2533300/publications.pdf

Version: 2024-02-01

335 papers	13,629 citations	16411 64 h-index	37111 96 g-index
350 all docs	350 docs citations	350 times ranked	9176 citing authors

#	Article	IF	Citations
1	Room-Temperature Ferromagnetism of Graphene. Nano Letters, 2009, 9, 220-224.	4.5	595
2	Octacyanometallate-Based Single-Molecule Magnets:Â CoII9MV6(M = W, Mo). Journal of the American Chemical Society, 2005, 127, 3708-3709.	6.6	268
3	The Observation of Superparamagnetic Behavior in Molecular Nanowires. Journal of the American Chemical Society, 2004, 126, 8900-8901.	6.6	247
4	Slow Relaxation Processes and Single-Ion Magnetic Behaviors in Dysprosium-Containing Complexes. Inorganic Chemistry, 2010, 49, 969-976.	1.9	226
5	Syntheses, Structures, Near-Infrared and Visible Luminescence, and Magnetic Properties of Lanthanide-Organic Frameworks with an Imidazole-Containing Flexible Ligand. Inorganic Chemistry, 2006, 45, 2896-2902.	1.9	215
6	Unusual Magnetic Properties of One-Dimensional Molecule-Based Magnets Associated with a Structural Phase Transition. Inorganic Chemistry, 2002, 41, 5686-5692.	1.9	197
7	Giant Polyniobate Clusters Based on [Nb₇O₂₂]^{9â^'} Units Derived from a Nb₆O₁₉ Precursor. Chemistry - A European Journal, 2007, 13, 8739-8748.	1.7	196
8	A single-molecule magnet assembly exhibiting a dielectric transition at 470 K. Chemical Science, 2012, 3, 3366.	3.7	175
9	Discovery of a new type of topological Weyl fermion semimetal state in MoxW1â^'xTe2. Nature Communications, 2016, 7, 13643.	5.8	163
10	Slow Magnetic Relaxation in a Mononuclear Eight-Coordinate Cobalt(II) Complex. Journal of the American Chemical Society, 2014, 136, 12213-12216.	6.6	155
11	Symmetry-Based Magnetic Anisotropy in the Trigonal Bipyramidal Cluster [Tp2(Me3tacn)3Cu3Fe2(CN)6]4+. Journal of the American Chemical Society, 2006, 128, 7162-7163.	6.6	154
12	Structures and Properties of Porous Coordination Polymers Based on Lanthanide Carboxylate Building Units. Inorganic Chemistry, 2010, 49, 10781-10787.	1.9	138
13	Two Linear Undecanickel Mixedâ€Valence Complexes: Increasing the Size and the Scope of the Electronic Properties of Nickel Metal Strings. Angewandte Chemie - International Edition, 2011, 50, 2045-2048.	7.2	137
14	Linear Trimer of Diruthenium Linked by Butadiynâ€Diyl Units: A Unique Electronic Wire. Angewandte Chemie - International Edition, 2010, 49, 954-957.	7.2	131
15	A Purely Lanthanide-Based Complex Exhibiting Ferromagnetic Coupling and Slow Magnetic Relaxation Behavior. Inorganic Chemistry, 2009, 48, 3493-3495.	1.9	128
16	Synthesis, Crystal Structures, and Magnetic Properties of Two Cyano-Bridged Tungstate(V)â^'Manganese(II) Bimetallic Magnets. Inorganic Chemistry, 2003, 42, 1848-1856.	1.9	124
17	Ferroelectric Switchable Behavior through Fast Reversible De/adsorption of Water Spirals in a Chiral 3D Metalâ€“Organic Framework. Journal of the American Chemical Society, 2013, 135, 10214-10217.	6.6	124
18	Large-Scale Controlled Synthesis of FeCo Nanocubes and Microcages by Wet Chemistry. Chemistry of Materials, 2008, 20, 6248-6253.	3.2	122

#	Article	IF	Citations
19	Peculiar magnetic behavior in ion-pair complex [1-(4â€²-fluorobenzyl)pyridinium][Ni(mnt)2] (mnt2â^'=) Tj ETQq1 1 0.784314 rgBT /O	2.2	121
20	Hydrothermal Synthesis, Structures, and Physical Properties of Four New Flexible Multicarboxylate Ligands-Based Compounds. Inorganic Chemistry, 2008, 47, 9528-9536.	1.9	116
21	Exploring the Performance Improvement of Magnetocaloric Effect Based Gd-Exclusive Cluster Gd₆₀. Journal of the American Chemical Society, 2018, 140, 11219-11222.	6.6	116
22	Syntheses, Crystal Structures, and Magnetic Properties of Novel Manganese(II) Complexes with Flexible Tripodal Ligand 1,3,5-Tris(imidazol-1-ylmethyl)-2,4,6-trimethylbenzene. Inorganic Chemistry, 2005, 44, 3330-3336.	1.9	115
23	Fermi arc electronic structure and Chern numbers in the type-II Weyl semimetal candidate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mo</mml:mi><mml:mi>x</mml:mi></mm mathvariant="normal">W</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow Physical Review B, 2016, 94, .	11	115
24	Ferromagnetic Ordering in a Two-Dimensional Copper Complex with Dual End-to-End and End-On Azide Bridges. Angewandte Chemie - International Edition, 2000, 39, 3633-3635.	7.2	113
25	Unusual Magnetic Property Associated with Dimerization within a Nickel Tetramer. Inorganic Chemistry, 2002, 41, 5931-5933.	1.9	109
26	Microwave-assisted synthesis, crystal structure and properties of a disc-like heptanuclear Co(II) cluster and a heterometallic cubanic Co(II) cluster. CrystEngComm, 2009, 11, 865.	1.3	109
27	Tuning Ground States of Bis(triarylamine) Dications: From a Closedâ€Shell Singlet to a Diradicaloid with an Excited Triplet State. Angewandte Chemie - International Edition, 2014, 53, 2857-2861.	7.2	106
28	Larger Spontaneous Polarization Ferroelectric Inorganicâ^'Organic Hybrids: [PbI₃]_{âˆž} Chains Directed Organic Cations Aggregation to KagomÃ©-Shaped Tubular Architecture. Journal of the American Chemical Society, 2010, 132, 18-19.	6.6	105
29	Tunable Magnetism in Carbonâ€Ionâ€Implanted Highly Oriented Pyrolytic Graphite. Advanced Materials, 2008, 20, 4679-4683.	11.1	103
30	Novel Alternating Ferro-Ferromagnetic Two-Dimensional (4,4) and Photoluminescent Three-Dimensional Interpenetrating PtS-Type Coordination Networks Constructed from a New Flexible Tripodal Ligand as a Four-Connected Node. Crystal Growth and Design, 2007, 7, 747-754.	1.4	102
31	Syntheses, Structures, and Magnetic Properties of Unusual Nonlinear Polynuclear Copper(II) Complexes Containing Derivatives of 1,2,4-Triazole and Pivalate Ligands. Inorganic Chemistry, 2005, 44, 8011-8022.	1.9	101
32	Moleculeâ€Based Ferroelectric Thin Films: Mononuclear Lanthanide Enantiomers Displaying Roomâ€Temperature Ferroelectric and Dielectric Properties. Angewandte Chemie - International Edition, 2007, 46, 6820-6823.	7.2	96
33	An interesting magnetic behavior in molecular solid containing one-dimensional Ni(III) chain. Chemical Physics Letters, 2004, 396, 353-358.	1.2	95
34	An iron(iii) phosphonate cluster containing a nonanuclear ring. Chemical Communications, 2006, , 1745.	2.2	92
35	Selfâ€Assembly and Anionâ€Exchange Properties of a Discrete Cage and 3D Coordination Networks Based on Cage Structures. Chemistry - A European Journal, 2007, 13, 8131-8138.	1.7	91
36	Synthesis, Crystal Structures, and Magnetic Properties of Cyano-Bridged Heterobimetallic Chains Based on [(Tp)Fe(CN)3]-. Inorganic Chemistry, 2006, 45, 8942-8949.	1.9	90

#	Article	IF	Citations
37	Chiral Molecule-Based Ferrimagnets with Helical Structures. Inorganic Chemistry, 2006, 45, 7032-7034.	1.9	89
38	Family of Mixed 3dâ€“4f Dimeric 14-Metallacrown-5 Compounds: Syntheses, Structures, and Magnetic Properties. Inorganic Chemistry, 2013, 52, 10747-10755.	1.9	89
39	Synthesis, Structures, and Magnetism of Copper(II) and Manganese(II) Coordination Polymers with Azide and Pyridylbenzoates. Inorganic Chemistry, 2011, 50, 7284-7294.	1.9	88
40	Synthesis, crystal structure and magnetic properties of a novel one-dimensional nickel(iii) chain complex showing ferromagnetic ordering at low temperature. Dalton Transactions RSC, 2002, , 2868.	2.3	86
41	A Sodalite-like Framework Based on Octacyanomolybdate and Neodymium with Guest Methanol Molecules and Neodymium Octahydrate Ions. Angewandte Chemie - International Edition, 2006, 45, 3287-3291.	7.2	86
42	Solvent-modulated slow magnetic relaxation in a two-dimensional compound composed of cobalt(ii) single-chain magnets. Chemical Communications, 2011, 47, 6386.	2.2	86
43	Co^{II} Molecular Square with Single-Molecule Magnet Properties. Inorganic Chemistry, 2009, 48, 854-860.	1.9	82
44	One-Dimensional Azido-Bridged Chiral Metal Complexes with Ferromagnetic or Antiferromagnetic Interactions:â€‰ Syntheses, Structures, and Magnetic Studies. Inorganic Chemistry, 2005, 44, 9039-9045.	1.9	81
45	In situ synthesis of graphene/cobalt nanocomposites and their magnetic properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 711-715.	1.7	81
46	Tuning quantum tunnelling of magnetization through 3dâ€“4f magnetic interactions: an alternative approach for manipulating single-molecule magnetism. Inorganic Chemistry Frontiers, 2017, 4, 114-122.	3.0	81
47	Synthesis, Structures, and Magnetic Behavior of a Series of Copper(II) Azide Polymers of Cu₄ Building Clusters and Isolation of a New Hemiaminal Ether as the Metal Complex. Inorganic Chemistry, 2011, 50, 3621-3631.	1.9	80
48	A mononuclear cobalt(ii)â€“dithienylethene complex showing slow magnetic relaxation and photochromic behavior. Chemical Communications, 2013, 49, 8863.	2.2	79
49	Magnetic Bistability in a Discrete Organic Radical. Journal of the American Chemical Society, 2016, 138, 10092-10095.	6.6	79
50	Complicated magnetic behavior in one-dimensional nickel(III) chain complex [1-(4â€²-cyanobenzyl)pyridinium][Ni(mnt)2](mnt2â€”=maleonitriledithiolate). Chemical Physics Letters, 2003, 369, 41-48.	1.2	78
51	Controlled Synthesis of Heterotrimetallic Singleâ€Chain Magnets from Anisotropic Highâ€Spin 3â€‰dâ€“4â€‰f Nodes and Paramagnetic Spacers. Chemistry - A European Journal, 2013, 19, 294-303.	1.7	78
52	Slow magnetic relaxation in mononuclear seven-coordinate cobalt(<scp>ii</scp>) complexes with easy plane anisotropy. Dalton Transactions, 2015, 44, 11482-11490.	1.6	76
53	Dodecanuclear Manganese(III) Phosphonates with Cage Structures. Inorganic Chemistry, 2006, 45, 59-65.	1.9	75
54	A family of cubane cobalt and nickel clusters: Syntheses, structures and magnetic properties. Inorganica Chimica Acta, 2013, 396, 119-125.	1.2	75

#	Article	IF	Citations
55	A Two-Dimensional Metal-Organic Framework Based on a Ferromagnetic Pentanuclear Copper(II). Inorganic Chemistry, 2010, 49, 1266-1270.	1.9	73
56	Chiral Molecular Ferromagnets Based on Copper(II) Polymers with End-On Azido Bridges. Inorganic Chemistry, 2007, 46, 9522-9524.	1.9	72
57	Chiral Cyanide-Bridged Cr^{III}â€“Mn^{III} Heterobimetallic Chains Based on [(Tp)Cr(CN)₃]^{â^'}: Synthesis, Structures, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 2140-2149.	1.9	71
58	A Gd@C82 single-molecule electret. Nature Nanotechnology, 2020, 15, 1019-1024.	15.6	70
59	Three-, Two-, and One-Dimensional Metal Phosphonates Based on [Hydroxy(4-pyridyl)methyl]phosphonate:â€‰ M{(4-C5H4N)CH(OH)PO3}(H2O) (M = Ni, Cd) and Gd{(4-C5H4N)CH(OH)P(OH)O2}3Â·6H2O. Inorganic Chemistry, 2005, 44, 3599-3604.	1.9	69
60	Ferromagnetic Coupling in Trinuclear, Partial Cubane Cu^{II} Complexes with a Î¼₃â€OH Core: Magnetostructural Correlations. Chemistry - A European Journal, 2007, 13, 9297-9309.	1.7	69
61	Syntheses, structures, photoluminescence, and magnetic properties of nanoporous 3D lanthanide coordination polymers with 4,4â€²-biphenyldicarboxylate ligand. CrystEngComm, 2008, 10, 1237.	1.3	68
62	Heterobimetallic Complexes Based on [(Tp)Fe(CN)3]â^': Syntheses, Crystal Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2004, 2004, 3681.	1.0	67
63	Syntheses, crystal structures and properties of the novel Co(II) and Ni(II) complexes with 4-(p-methylphenyl)-3,5-bis(pyridin-2-yl)-1,2,4-triazole. Polyhedron, 2000, 19, 2019-2025.	1.0	65
64	Superparamagnetic magnetite nanocrystal clusters as potential magnetic carriers for the delivery of platinum anticancer drugs. Journal of Materials Chemistry, 2011, 21, 11142.	6.7	65
65	Tricomponent Azide, Tetrazolate, and Carboxylate Cobridging Magnetic Systems: Ferromagnetic Coupling, Metamagnetism, and Singleâ€Chain Magnetism. Chemistry - A European Journal, 2011, 17, 13883-13891.	1.7	65
66	Cyano-Bridged Pentanuclear FeIII3MII2(M = Ni, Co, Fe) Clusters:Â Synthesis, Structures, and Magnetic Properties. Inorganic Chemistry, 2006, 45, 8895-8901.	1.9	63
67	Structures and Magnetic Properties of Ferromagnetic Coupling 2D Lnâ^'M Heterometallic Coordination Polymers (Ln = Ho, Er; M = Mn, Zn). Inorganic Chemistry, 2008, 47, 11057-11061.	1.9	63
68	Hexagonal Bipyramidal Dy(III) Complexes as a Structural Archetype for Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 2610-2617.	1.9	60
69	Synthesis and Structural Characterization of a Nonplanar Neutral [36]Metallacrown-12 Nickel Compound [Ni(C13H9N3O2)(CH3OH)]12. Inorganic Chemistry, 2005, 44, 5972-5974.	1.9	59
70	Tridecanuclear and Docosanuclear Manganese Phosphonate Clusters with Slow Magnetic Relaxation. Inorganic Chemistry, 2007, 46, 5459-5461.	1.9	59
71	Nitrogen Analogues of Thieleâ€™s Hydrocarbon. Angewandte Chemie - International Edition, 2015, 54, 1634-1637.	7.2	59
72	Syntheses, Structures, and Magnetic Properties of seven-coordinate Lanthanide Porphyrinate or Phthalocyaninate Complexes with KlÃuiâ€™s Tripodal Ligand. Inorganic Chemistry, 2013, 52, 6407-6416.	1.9	58

#	Article	IF	Citations
73	Thermally controlling the singletâ€“triplet energy gap of a diradical in the solid state. Chemical Science, 2016, 7, 6514-6518.	3.7	57
74	Weak antiferromagnetic coupling for novel linear hexanuclear nickel(ii) string complexes (Ni612+) and partial metalâ€“metal bonds in their one-electron reduction products (Ni611+). Dalton Transactions, 2006, , 3249-3256.	1.6	55
75	The importance of an additional water bridge in making the exchange coupling of bis(Î¼-phenoxo) dinickel(ii)complexes ferromagnetic. Dalton Transactions, 2011, 40, 5324.	1.6	55
76	Field-induced slow magnetic relaxation in chiral seven-coordinated mononuclear lanthanide complexes. Dalton Transactions, 2012, 41, 13682.	1.6	55
77	Two field-induced slow magnetic relaxation processes in a mononuclear Co(<scp>ii</scp>) complex with a distorted octahedral geometry. Dalton Transactions, 2016, 45, 9279-9284.	1.6	55
78	Syntheses, Structures, and Magnetic Properties of Mixed-Valent Diruthenium(II,III) Diphosphonates with Discrete and One-Dimensional Structures. Inorganic Chemistry, 2005, 44, 4309-4314.	1.9	54
79	From Metalloligand to Interpenetrating Channels: Synthesis, Characterization, and Properties of a 2pâ^’3dâ^’4f Heterometallic Coordination Polymer {[Na₅Cu₈Sm₄(NTA)₈(ClO₄)₈(H₂O)₂ Inorganic Chemistry, 2009, 48, 6326-6328.	1.9	54
80	Calix[4]arene-Supported Mononuclear Lanthanide Single-Molecule Magnet. Inorganic Chemistry, 2014, 53, 562-567.	1.9	54
81	Syntheses, Structures, and Magnetic Properties of Cyano-Bridged Heterobimetallic Complexes Based on [Fe(bpca)(CN)3]-. Inorganic Chemistry, 2006, 45, 582-590.	1.9	52
82	Single-Chain Magnets Based on Octacyanotungstate with the Highest Energy Barriers for Cyanide Compounds. Scientific Reports, 2016, 6, 24372.	1.6	52
83	Narrow Band Gap Observed in a Molecular Ferroelastic: Ferrocenium Tetrachloroferrate. Journal of the American Chemical Society, 2020, 142, 3240-3245.	6.6	52
84	Carbonâ€“Carbon Bond Formation Reactivity of a Four-Coordinate NHC-Supported Iron(II) Phenyl Compound. Organometallics, 2015, 34, 599-605.	1.1	51
85	Two chiral tetradecanuclear hydroxo-lanthanide clusters with luminescent and magnetic properties. CrystEngComm, 2011, 13, 3643.	1.3	48
86	Modulating Single-Molecule Magnetic Behavior of a Dinuclear Erbium(III) Complex by Solvent Exchange. Inorganic Chemistry, 2017, 56, 336-343.	1.9	47
87	Important Role of Intermolecular Interaction in Cobalt(II) Single-Ion Magnet from Single Slow Relaxation to Double Slow Relaxation. Inorganic Chemistry, 2018, 57, 10761-10767.	1.9	47
88	Syntheses, crystal structures and properties of novel copper(ii) complexes obtained by reactions of copper(ii) sulfate pentahydrate with tripodal ligands. Dalton Transactions, 2005, , 1509.	1.6	45
89	Two New Three-Dimensional Porous Polyoxometalates with Typical ACO Topological Open Frameworks:â€‰{[Cu4V13IVV5VO42(NO3)(C3H10N2)8]Â·10H2O}n and {[Cu4V12IVV6VO42(SO4)(C3H10N2)8]Â·10H2O}n. Crystal Growth and Design, 2007, 7, 925-929.	1.4	45
90	Syntheses, Structures, and Electrochemical and Magnetic Properties of Rectangular Heterobimetallic Clusters Based on Tricyanometallic Building Blocks. European Journal of Inorganic Chemistry, 2008, 2008, 717-727.	1.0	45

#	Article	IF	Citations
91	Structural and magnetic studies of Schiff base complexes of nickel(ii) nitrite: change in crystalline state, ligand rearrangement and a very rare Î¼-nitrito-1Î¹O:2Î¹N:3Î¹Oâ€² bridging mode. Dalton Transactions, 2011, 40, 2744.	1.6	45
92	Copper phosphonates with dinuclear and layer structures: a structural and magnetic study. Journal of Solid State Chemistry, 2004, 177, 4557-4563.	1.4	44
93	Structures and magnetic properties of dicopper(II) and dinickel(II) complexes with end-on azido bridges. Inorganica Chimica Acta, 2005, 358, 1963-1969.	1.2	44
94	Cadmium(II) and Copper(II) Complexes with Imidazole-Containing Tripodal Polyamine Ligands:â€‰ pH and Anion Effects on Carbon Dioxide Fixation and Assembling. Inorganic Chemistry, 2006, 45, 8098-8107.	1.9	44
95	Magnetization Relaxation in a Threeâ€Dimensional Ligated Cobalt Phosphonate Containing Ferrimagnetic Chains. Chemistry - A European Journal, 2011, 17, 3579-3583.	1.7	44
96	Magnetic properties of two 1D complexes with mixed bridging ligands. Polyhedron, 2000, 19, 1461-1464.	1.0	43
97	Syntheses, Structures, and Magnetic Properties of Five Novel Octacyanometallate-Based Lanthanide Complexes with Helical Chains. Crystal Growth and Design, 2011, 11, 5676-5681.	1.4	43
98	Heterometallic appended {MMn^{III}₄} cubanes encapsulated by lacunary polytungstate ligands. Dalton Transactions, 2013, 42, 342-346.	1.6	43
99	A {Nb₆P₂W₁₂}â€Based Hexameric Manganese Cluster with Singleâ€Molecule Magnet Properties. Chemistry - A European Journal, 2015, 21, 17683-17690.	1.7	43
100	Syntheses, Structures, Photoluminescence, and Magnetic Properties of Phenanthrene-Based Carboxylic Acid Coordination Polymers. Inorganic Chemistry, 2008, 47, 5162-5168.	1.9	42
101	Single molecule magnet behaviors of Zn₄Ln₂ (Ln = Dy^{III},) Tj ETQq1 1 0.784314 rgBT /Overlock 1 CO₂ in air through in situ reactions. Dalton Transactions, 2019, 48, 512-522.	1.6	42
102	Preparation, crystal structures and magnetic properties of 12-metallacrown-4 complexes with the donors on the organic periphery of molecule. Inorganica Chimica Acta, 2000, 305, 135-142.	1.2	41
103	Octacyanotungstate(V)-Based Magnetic Complex Consisting of Dimeric Mn2 and Tetrameric Mn2W2. Inorganic Chemistry, 2007, 46, 10990-10995.	1.9	41
104	Synthesis, Structure, and Magnetic Properties of Three 1D Chain Complexes Based on High-Spin Metalâ€“Cyanide Clusters: [Mn^{III}₆M^{III}] (M = Cr, Fe, Co). Inorganic Chemistry, 2011, 50, 6868-6877.	1.9	41
105	A Novel 9-MC-3 and 15-MC-6 Onset Stacked Metallacrown Single-Molecule Magnet: Synthesis and Crystal Structure. Inorganic Chemistry, 2011, 50, 2705-2707.	1.9	41
106	Two Hexanickelâ€Substituted Keggināâ€Type Germanotungstates. European Journal of Inorganic Chemistry, 2008, 2008, 3809-3819.	1.0	40
107	Unprecedented Naâ€“Cuâ€“LnIII heterometallic coordination polymers based on 3,5-pyrazoledicarboxylate with both infinite cationic and anionic chains. Dalton Transactions, 2008, , 5588.	1.6	40
108	Tetranuclear Clusters Containing a Cr^{III}-Doped Mn^{III}₄O₂ Core: Syntheses, Structures, and Magnetic Properties. Inorganic Chemistry, 2008, 47, 4536-4544.	1.9	40

#	Article	IF	Citations
109	Bis(phenothiazine)arene diradicaloids: isolation, characterization and crystal structures. Chemical Communications, 2015, 51, 11822-11825.	2.2	40
110	Slow Magnetic Relaxation in Mononuclear Octahedral Manganese(III) Complexes with Dibenzoylmethanide Ligands. European Journal of Inorganic Chemistry, 2015, 2015, 271-278.	1.0	40
111	Mixed azideâ€“carboxylate bridged tri- and tetranuclear MnII clusters in coordination polymers derived from a zwitterionic dicarboxylate ligand: structures and magnetism. Dalton Transactions, 2010, 39, 7714.	1.6	39
112	Four-Coordinate Iron(II) Diaryl Compounds with Monodentate N-Heterocyclic Carbene Ligation: Synthesis, Characterization, and Their Tetrahedral-Square Planar Isomerization in Solution. Inorganic Chemistry, 2015, 54, 4752-4760.	1.9	39
113	Slow Magnetic Relaxations in Cobalt(II) Tetranitrate Complexes. Studies of Magnetic Anisotropy by Inelastic Neutron Scattering and High-Frequency and High-Field EPR Spectroscopy. Inorganic Chemistry, 2016, 55, 12603-12617.	1.9	39
114	A mononuclear five-coordinate Co(<scp>ii</scp>) single molecule magnet with a spin crossover between the S = 1/2 and 3/2 states. Dalton Transactions, 2018, 47, 16596-16602.	1.6	39
115	Synthesis and Magnetic Properties of a Highly Conducting Neutral Nickel Complex with a Highly Conjugated Tetrathiafulvalenedithiolate Ligand. Inorganic Chemistry, 2007, 46, 6837-6839.	1.9	38
116	Self-Assembly of a Mn₉ Nanoscopic Mixed-Valent Cluster:â€‰ Synthesis, Crystal Structure, and Magnetic Behavior. Inorganic Chemistry, 2007, 46, 9736-9742.	1.9	38
117	Recent advances in 3d-4f magnetic complexes with several types of non-carboxylate organic ligands. Inorganica Chimica Acta, 2021, 521, 120318.	1.2	38
118	Three-dimensional five-connected coordination polymer [M2(C3H2O4)2(H2O)2(Î¼2-hmt)]n with 4466 topologies (M=Zn, Cu; hmt=hexamethylenetetramine). Journal of Solid State Chemistry, 2004, 177, 4701-4705.	1.4	37
119	Luminescent Open-Framework Antiferromagnet â€“ Hydrothermal Syntheses, Structures, and Luminescent and Magnetic Properties of Two Novel Coordination Polymers: [Zn(pdoa)(bipy)]n and {[Mn(pdoa)(bipy)](bipy)}n [pdoa = 2,2â€²-(1,3-phenylenedioxy)bis(acetate); bipy = 4,4â€²-bipyridine]. European Journal of Inorganic Chemistry, 2006, 2006, 3659-3666.	1.0	37
120	Three green luminescent cadmium complexes containing 8-aminoquinoline ligands: Syntheses, crystal structures, emission spectra and DFT calculations. Journal of Luminescence, 2008, 128, 1665-1672.	1.5	37
121	Coexistence of long-range ferromagnetic ordering and spin-glass behavior observed in the first inorganicâ€“organic hybrid 1-D oxalate-bridging nona-Mn^{II} sandwiched tungstoantimonate chain. Journal of Materials Chemistry C, 2017, 5, 2043-2055.	2.7	37
122	Magnetic Anisotropy from Trigonal Prismatic to Trigonal Antiprismatic Co(II) Complexes: Experimental Observation and Theoretical Prediction. Inorganic Chemistry, 2018, 57, 3903-3912.	1.9	37
123	Octacyanotungstate(v)-based square W2M2 (M = Co, Mn) complexes: synthesis, structure and magnetic properties. Dalton Transactions, 2010, 39, 3489.	1.6	36
124	Novel 3D lanthanide-organic frameworks with an unusual infinite nanosized ribbon [Ln3(Î¼3â€“OH)2(â€“CO2)6]+n (Ln = Eu, Gd, Dy): syntheses, structures, luminescence, and magnetic properties. CrystEngComm, 2011, 13, 2586.	1.3	36
125	Repairing atomic vacancies in single-layer MoSe2 field-effect transistor and its defect dynamics. Npj Quantum Materials, 2017, 2, .	1.8	36
126	Slow magnetic relaxation in luminescent mononuclear dysprosium(<scp>iii</scp>) and erbium(<scp>iii</scp>) pentanitrate complexes with the same LnO₁₀ coordination geometry. Dalton Transactions, 2017, 46, 15812-15818.	1.6	35

#	Article	IF	Citations
127	Three-Dimensional Lanthanoid-Containing Coordination Frameworks: Structure, Magnetic and Fluorescent Properties. European Journal of Inorganic Chemistry, 2005, 2005, 766-772.	1.0	34
128	Dinuclear and layered copper 2-pyridylphosphonates with weak ferromagnetism observed in layer compound Cu(C5H4NPO3). Dalton Transactions, 2006, , 3228.	1.6	34
129	Synthesis, crystal structures and triboluminescence of a pair of Eu(III)-based enantiomers. Polyhedron, 2007, 26, 5257-5262.	1.0	34
130	Observation of Magnetic Bistability in Polymorphs of the [Ni(dmit)₂]^{â^'} Complexes. Inorganic Chemistry, 2009, 48, 9623-9630.	1.9	34
131	Manganese(II)-Octacyanometallate(V) Bimetallic Ferrimagnets with T_c from 41 to 53 K Obtained in Acidic Media. Inorganic Chemistry, 2010, 49, 7756-7763.	1.9	34
132	Lantern-shaped 3dâ€“4f high-nuclearity clusters with magnetocaloric effect. Dalton Transactions, 2017, 46, 9745-9749.	1.6	34
133	Self-assembly of a 1D heterotrimetallic Cu(ii)-Sr(ii)-Na(i) propeller-like chiral coordination polymer with ferromagnetic interactions. Chemical Communications, 2004, , 2348.	2.2	33
134	Unusual magnetic property and theoretical analysis of 1D molecular solid [1-(4â€²-iodobenzyl)-4-aminopyridinium][Ni(mnt)2] (mnt2â^'=maleonitriledithiolate). Chemical Physics Letters, 2006, 419, 351-355.	1.2	33
135	Novel manganese(II) and cobalt(II) 3D polymers with mixed cyanate and carboxylate bridges: crystal structure and magnetic properties. Dalton Transactions, 2009, , 9854.	1.6	33
136	Efficient Synthetic Strategy to Construct Three-Dimensional 4fâ^'5d Networks Using Neutral Two-Dimensional Layers As Building Blocks. Inorganic Chemistry, 2010, 49, 5971-5976.	1.9	33
137	Use of 2-pyrimidineamidoxime to generate polynuclear homo-/heterometallic assemblies: synthesis, crystal structures and magnetic study with theoretical investigations on the exchange mechanism. Dalton Transactions, 2010, 39, 9766.	1.6	33
138	Ferromagnetic Polarization: The Quantum Picture of Switching On/Off Single-Molecule Magnetism. Inorganic Chemistry, 2016, 55, 5914-5923.	1.9	33
139	Two cyano-bridged heterotrinuclear complexes built from [(Tp)Fe(CN)3]â^' (Tp=hydrotris(pyrazolyl)borate): synthesis, crystal structures and magnetic properties. Inorganica Chimica Acta, 2005, 358, 2101-2106.	1.2	32
140	Tuning the Framework Formation of Ni(II) Complexes by Controlling the Hydrolysis of 2,2â€²,3,3â€²-Thiodiphthalic Dianhydride:â€‰ Syntheses, Crystal Structures, and Physical Properties. Crystal Growth and Design, 2006, 6, 2369-2375.	1.4	32
141	Metal complexes with N-(2-pyridylmethyl)iminodiacetate: from discrete polynuclear compounds to 1D coordination polymers. Dalton Transactions, 2009, , 5290.	1.6	32
142	Incorporation of Siliconâ€“Oxygen Tetrahedron into Novel High-Nuclearity Nanosized 3dâ€“4f Heterometallic Clusters. Inorganic Chemistry, 2018, 57, 4799-4802.	1.9	32
143	A capped trigonal prismatic cobalt(<scp>ii</scp>) complex as a structural archetype for single-ion magnets. Dalton Transactions, 2020, 49, 2063-2067.	1.6	32
144	Synthesis and structural and magnetic characterization of a hexadecanuclear cobalt phosphonate compound. Dalton Transactions, 2010, 39, 6262.	1.6	31

#	Article	IF	Citations
145	Slow magnetic relaxation influenced by change of symmetry from ideal C_i to D_{3d} in cobalt(<scp>ii</scp>)-based single-ion magnets. Dalton Transactions, 2018, 47, 2506-2510.	1.6	31
146	Syntheses, crystal structures, and magnetic properties of two new 1D molecular solids based on Ni(mnt)2 ion. Inorganica Chimica Acta, 2005, 358, 2680-2686.	1.2	30
147	Synthesis, crystal structure and properties of two 1D nano-chain coordination polymers constructed by lanthanide with pyridine-3,4-dicarboxylic acid and 1,10-phenanthroline. Journal of Solid State Chemistry, 2008, 181, 1017-1024.	1.4	30
148	A 2D CuII complex containing ferromagnetically coupled 1D chain with threefold bridging ligands. Inorganic Chemistry Communication, 2008, 11, 207-210.	1.8	30
149	Eicosanuclear Cluster [Cu₁₃W₇] of Copper-Octacyanotungstate Bimetallic Assembly: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2010, 49, 3101-3103.	1.9	30
150	Manganese(ii)-carboxylate-pseudohalide systems derived from 1,4-bis(4-carboxylatopyridinium-1-methylene)benzene: structures and magnetism. Dalton Transactions, 2011, 40, 10966.	1.6	30
151	Controllable Synthesis of CoO Nanosheets and their Magnetic Properties. ChemPhysChem, 2007, 8, 2091-2095.	1.0	29
152	A Linear Tetranuclear Single-Molelcule Magnet of Mn^{II}₂Mn^{III}₂ with the Anion of 2-(Hydroxymethyl)pyridine. Inorganic Chemistry, 2010, 49, 3688-3690.	1.9	29
153	Diruthenium Compounds Bearing Equatorial Fc-containing Ligands: Synthesis and Electronic Structure. Inorganic Chemistry, 2010, 49, 11525-11531.	1.9	29
154	Unprecedented three-dimensional 10-connected bct nets based on trinuclear secondary building units and their magnetic behavior. CrystEngComm, 2010, 12, 4339.	1.3	29
155	Assembling 1D magnetic chain based on octacyanotungstate(v) and [Cu2L2Ln] sub-building units (Ln =) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	29
156	Two unprecedented decanuclear heterometallic [MnII2MnIII6LnIII2] (Ln = Dy, Tb) complexes displaying relaxation of magnetization. Dalton Transactions, 2016, 45, 18221-18228.	1.6	29
157	New high-nuclearity manganese clusters containing mixed chelating ligands: Syntheses, crystal structures and magnetochemical characterization. Dalton Transactions, 2011, 40, 2703.	1.6	28
158	Conversion of tetranuclear Ni complexes from a defect dicubane core to a [Ni4O4] cubane-like core via addition of 2-hydroxymethylpyridine: Synthesis, crystal structures, and magnetic properties. Inorganic Chemistry Communication, 2013, 35, 86-88.	1.8	28
159	Phthalocyanine supported dinuclear Ln^{III}complexes: the solvent-induced change of magnetic properties in dysprosium(<scp>iii</scp>) analogues. Dalton Transactions, 2017, 46, 3353-3362.	1.6	28
160	Magnetic Anisotropy along a Series of Lanthanide Polyoxometalates with Pentagonal Bipyramidal Symmetry. Inorganic Chemistry, 2017, 56, 7835-7841.	1.9	28
161	One-dimensional structure and long-range antiferromagnetic behaviour of manganese (II) oxalate trihydrate: {[Mn(Î¼-ox)(H2O)2]Â·H2O}n. Inorganic Chemistry Communication, 2005, 8, 732-736.	1.8	27
162	Syntheses, Structures, and Properties of Two Three-Dimensional Octacyanometalate-Based Polymers:â€‰ Cs2Cu3[W(CN)8]2Â·4NH3Â·4H2O and Cu2[Mo(CN)8]Â·8NH3. Crystal Growth and Design, 2006, 6, 2457-2462.	1.4	27

#	Article	IF	Citations
163	Two Spin-Peierls-like Compounds Exhibiting Divergent Structural Features, Lattice Compression, and Expansion in the Low- Temperature Phase. Journal of Physical Chemistry B, 2009, 113, 8278-8283.	1.2	27
164	Regulation of magnetic relaxation behavior by replacing 3d transition metal ions in [M₂Dy₂] complexes containing two different organic chelating ligands. Dalton Transactions, 2019, 48, 10011-10022.	1.6	27
165	Spontaneous magnetization in [1-(4-cyanobenzyl)pyridinium][Pt(mnt)2]: synthesis, crystal structure and magnetic property. Inorganic Chemistry Communication, 2002, 5, 395-398.	1.8	26
166	Pentanuclear lanthanide pyramids based on thiacalix[4]arene ligand exhibiting slow magnetic relaxation. Dalton Transactions, 2015, 44, 15481-15490.	1.6	26
167	3D coordination metalâ€“organic frameworks of octacyanometalate bridging between Cu4 magnetic units. Dalton Transactions, 2008, , 2103.	1.6	25
168	Spin-crossover phenomena of the mononuclear MnIII complex tuned by metal dithiolene counteranions. Dalton Transactions, 2014, 43, 3783-3791.	1.6	25
169	The Charge Transfer Approach to Heavier Mainâ€Group Element Radicals in Transitionâ€Metal Complexes. Angewandte Chemie - International Edition, 2017, 56, 12741-12745.	7.2	25
170	Exploring solvent dependent catecholase activity in transition metal complexes: an experimental and theoretical approach. New Journal of Chemistry, 2020, 44, 1371-1388.	1.4	25
171	Syntheses, structure and properties of chiral copper(II) complexes with end-on azide bridge and chiral-bipyridine ligand. Inorganica Chimica Acta, 2005, 358, 2565-2570.	1.2	24
172	Syntheses, crystal structures, and magnetic properties of Ni(mnt)2-based molecular solids containing substituted isoquinolinium. Inorganica Chimica Acta, 2006, 359, 3927-3933.	1.2	24
173	A tricobalt(II) coordination polymer incorporating in situ generated 5-methyltetrazolate ligands. Inorganic Chemistry Communication, 2008, 11, 572-575.	1.8	24
174	Diamondâ€•and Graphiteâ€Like Octacyanometalateâ€Based Polymers Induced by Metal Ions. Chemistry - A European Journal, 2009, 15, 7648-7655.	1.7	24
175	Raman study of correlation between defects and ferromagnetism in graphite. Journal Physics D: Applied Physics, 2011, 44, 085001.	1.3	24
176	Significantly Enhancing the Single-Molecule-Magnet Performance of a Dinuclear Dy(III) Complex by Utilizing an Asymmetric Auxiliary Organic Ligand. Inorganic Chemistry, 2021, 60, 18739-18752.	1.9	24
177	Synthesis and characterization of two metal phosphonates with 3D structures: Cui2CuII[(3-C5H4N)CH(OH)PO3]2 and Zn[(3-C5H4N)CH(OH)PO3]. New Journal of Chemistry, 2005, 29, 721.	1.4	23
178	A New Quasi-1D Spin System with Spin Transition Exhibiting Novel CNÂ·Â·Â·Ï€ Interactions. Inorganic Chemistry, 2007, 46, 8102-8104.	1.9	23
179	Synthesis, crystal structure and magnetic property of the novel dinuclear nickel(II) complex with 4-(p-methoxyphenyl)-3,5-bis(pyridine-2-yl)-1,2,4-triazole. Transition Metal Chemistry, 2007, 32, 711-715.	0.7	23
180	Carbonyl compound dependent hydrolysis of mono-condensed Schiff bases: A trinuclear Schiff base complex and a mononuclear mixed-ligand ternary complex of copper(II). Inorganica Chimica Acta, 2010, 363, 2488-2495.	1.2	23

#	Article	IF	Citations
181	Syntheses, structures and magnetic properties of two unprecedented hybrid compounds constructed from open Wellsâ€“Dawson anions and high-nuclear transition metal clusters. Dalton Transactions, 2013, 42, 8454.	1.6	23
182	Solvent dependent reactivities of di-, tetra- and hexanuclear manganese complexes: syntheses, structures and magnetic properties. Dalton Transactions, 2015, 44, 6620-6629.	1.6	23
183	A Family of 12â€Azametallacrownâ€4 Structural Motif with Heterometallic Mn^{III}â€Lnâ€Mn^{III}â€Ln (Ln=Dy, Er, Yb, Tb, Y) Alternate Arrangement and Singleâ€Molecule Magnet Behavior. Chemistry - A European Journal, 2015, 21, 14478-14485.	5.7	22
184	Metal complexes formed by metal-assisted solvolysis of di-pyridylketone azine: structures and magnetic properties. Dalton Transactions, 2007, , 1838.	1.6	21
185	Nature of the LnIIIâ€“CoII magnetic interactions in compounds [Ln2Co3(C5H4NPO3)6] Â· 4H2O with open-framework structures. Inorganica Chimica Acta, 2008, 361, 1363-1371.	1.2	21
186	Two octacyanometallate-based Ni(ii)W(v) bimetallic assemblies with metamagnetism. Dalton Transactions, 2011, 40, 5302.	1.6	21
187	Hydrogencyanamido bridged multinuclear copper(ii) complexes: from strong antiferromagnetic couplings to weak ferromagnetic couplings. Dalton Transactions, 2011, 40, 5200.	1.6	21
188	Structural Conversion and Magnetic Studies of Low-Dimensional LnIII/MoV/IV(CN)8 (Ln = Gdâ€“Lu) Systems: From Helical Chain to Trinuclear Cluster. Crystal Growth and Design, 2016, 16, 1708-1716.	1.4	21
189	Photochemically Tuned Magnetic Properties in an Erbium(III)-Based Easy-Plane Single-Molecule Magnet. Inorganic Chemistry, 2019, 58, 14440-14448.	1.9	21
190	Stack Pattern of the Countercation-Modulating Magnetic Property of Low-Dimensional [Pt(mnt)₂]^{â^'}Monoanion Spin Systems. Inorganic Chemistry, 2011, 50, 3970-3980.	1.9	20
191	Synthesis, structure, magnetic properties and DFT calculations of two hydroxo-bridged complexes based on MnIII(Schiff-Bases). Dalton Transactions, 2011, 40, 5999.	1.6	20
192	Effect of anionic co-ligands on structure and magnetic coupling of bis(Î¼-phenoxo)-bridged dinuclear copper(II) complexes. Inorganica Chimica Acta, 2011, 376, 422-427.	1.2	20
193	First one-dimensional homochiral stairway-like Cu(ii) chains: crystal structures, circular dichroism (CD) spectra, ferroelectricity and antiferromagnetic properties. Dalton Transactions, 2013, 42, 5036.	1.6	20
194	Isolable Lanthanide Metal Complexes of a Phosphorus-Centered Radical. Inorganic Chemistry, 2020, 59, 2111-2115.	1.9	20
195	Hexamine copper(II) coordination polymers: synthesis, structure and magnetic properties. CrystEngComm, 2009, 11, 671.	1.3	19
196	Organicâ€“inorganic hybrid coordination polymers based on the 5-oxyacetate isophthalic acid (H3OABDC) ligand: syntheses, structures, magnetic and luminescent properties. CrystEngComm, 2010, 12, 4424.	1.3	19
197	Enhancing the ferromagnetization of graphite by successive 12C+ ion implantation steps. Carbon, 2011, 49, 1931-1938.	5.4	19
198	Isolable Borane-Based Diradical and Triradical Fused by a Diamagnetic Transition Metal Ion. Journal of the American Chemical Society, 2017, 139, 17723-17726.	6.6	19

#	Article	IF	Citations
199	Single-Crystal Study of a Low Spin Co(II) Molecular Qubit: Observation of Anisotropic Rabi Cycles. Inorganic Chemistry, 2019, 58, 2330-2335.	1.9	19
200	Synthesis, structures and magnetic properties of two copper(II) complexes with pyrazole and pivalate ligands. Journal of Coordination Chemistry, 2006, 59, 147-156.	0.8	18
201	A new two-dimensional manganese(II) coordination polymer with alternating double end-on and single end-to-end azido bridges: Crystal structure and magnetic properties. Inorganic Chemistry Communication, 2009, 12, 8-10.	1.8	18
202	Mixed-valent manganese phosphonate clusters prepared under microwave-assisted and ambient conditions. Dalton Transactions, 2009, , 5029.	1.6	18
203	Syntheses, Structures, and Magnetic Properties of Two Kinds of Unique Heterometallic Chains with Mixed-Bridging Ligands of Tricyanometalate and Alkoxide. Inorganic Chemistry, 2010, 49, 9275-9282.	1.9	18
204	Cr(III)-HMC (HMC = 5,5,7,12,12,14-Hexamethyl-1,4,8,11-tetraazacyclotetradecane) Alkynyl Complexes: Preparation and Emission Properties. Inorganic Chemistry, 2016, 55, 8736-8743.	1.9	18
205	Synthesis, crystal structures and magnetic properties of a series of chair-like heterometallic [Fe₄Ln₂] (Ln = Gd^{III}, Dy^{III}, Ho^{III}, and) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	18
206	Concomitant Photoresponsive Chiroptics and Magnetism in Metal-Organic Frameworks at Room Temperature. Research, 2021, 2021, 5490482.	2.8	18
207	Largest 3d-4f 196-nuclear Gd158Co38 clusters with excellent magnetic cooling. Science China Chemistry, 2022, 65, 1577-1583.	4.2	18
208	Synthesis, Crystal Structure and Properties of Two Macrocyclic Dinuclear Complexes. Transition Metal Chemistry, 2005, 30, 1020-1026.	0.7	17
209	Ion-induced diversity in structure and magnetic properties of hexacyanometalateâ€“lanthanide bimetallic assemblies. CrystEngComm, 2013, 15, 10541.	1.3	17
210	Magnetic onâ€“off switching in redox non-innocent ligand bridged binuclear cobalt complexes. Dalton Transactions, 2018, 47, 17211-17215.	1.6	17
211	Synthesis, crystal and molecular structure and magnetic properties of [Mn(saloph)(N3)(CH3OH)]. Journal of Molecular Structure, 2001, 570, 137-143.	1.8	16
212	A defective double cubane cluster complex with Î¼1,1-azido bridges. Inorganic Chemistry Communication, 2010, 13, 160-162.	1.8	16
213	Syntheses, structures and properties of two 2-D layered hybrid organicâ€“inorganic materials based on different V₄O₁₂building units. Dalton Transactions, 2014, 43, 865-871.	1.6	16
214	Synthesis, crystal structures and magnetic properties of a series of pentanuclear heterometallic [CuII3LnIII2] (Ln = Ho, Dy, and Gd) complexes containing mixed organic ligands. New Journal of Chemistry, 2019, 43, 8101-8108.	1.4	16
215	Structurally modulated single-ion magnets of mononuclear Î²-diketone dysprosium(iii) complexes. Dalton Transactions, 2020, 49, 14931-14940.	1.6	16
216	Tuning magnetic anisotropy via terminal ligands along the Dyâ‹¯Dy orientation in novel centrosymmetric [Dy2] single molecule magnets. Dalton Transactions, 2021, 50, 568-577.	1.6	16

#	Article	IF	Citations
217	Title is missing!. Transition Metal Chemistry, 2001, 26, 345-350.	0.7	15
218	Molecular spin ladders self-assembly from [Ni(dmit)2]â˜ building blocks: Syntheses, structures and magnetic properties. Polyhedron, 2005, 24, 2269-2273.	1.0	15
219	Syntheses, structures and magnetic properties of two new water bridged dinuclear nickel(II) complexes containing derivatives of 1,2,4-triazole and pivalate ligands. Polyhedron, 2006, 25, 2426-2432.	1.0	15
220	A novel microporous hydrogen-bonding framework constructed with tetrathiafulvalene tetracarboxylate ligand: Synthesis, structure and magnetic properties. Inorganic Chemistry Communication, 2008, 11, 945-947.	1.8	15
221	Synthesis of an open-framework copperâ€“germanium phosphate [Cu(H2O)2(OH)]2Ge(PO4)2. Chemical Communications, 2008, , 3145.	2.2	15
222	Co(ii) and Cr(iii) complexes of formateâ€“formamide mixed ligands: synthesis, structures, single crystal-to-single crystal transformation and magnetic behaviour. Dalton Transactions, 2009, , 10343.	1.6	15
223	Synthesis, crystal structure and magnetic properties of an enneanuclear manganese cluster containing mixed chelating ligands. Polyhedron, 2011, 30, 3206-3210.	1.0	15
224	Water induced spin-crossover behaviour and magneto-structural correlation in octacyanotungstate(<scp>iv</scp>)-based iron(<scp>ii</scp>) complexes. Dalton Transactions, 2016, 45, 18643-18652.	1.6	15
225	Investigating the effect of lanthanide radius and diamagnetic linkers on the framework of metallacrown complexes. Dalton Transactions, 2020, 49, 1955-1962.	1.6	15
226	New ion-pair nickel(III) complexes containing [Ni(â€˜S2â€™)2] (â€˜S2â€™2â˜=1,2-benzenedithiolate) fragments: synthesis, crystal structure and properties. Polyhedron, 2003, 22, 299-305.	1.0	14
227	Two trinuclear copper(II)-octacyanometalate(IV) bimetallic complexes coordinated with chiral ligands. Journal of Molecular Structure, 2008, 875, 198-204.	1.8	14
228	Synthesis, crystal structure, electrochemical and magnetic properties of dinuclear complexes with strong electron-drawing groups in the diphenoxo-tetraaza macrocyclic ligand. Journal of Coordination Chemistry, 2008, 61, 1412-1422.	0.8	14
229	Syntheses, Structures, and Magnetic Properties of Three Manganese(II)-Octacyanotungstate(V) Bimetallic Compounds with Linear Ligands. Crystal Growth and Design, 2015, 15, 176-184.	1.4	14
230	A Series of Lanthanide(III)-bpdo-Octacyanotungstate(V) Compounds (bpdo =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 Td (4,4â€²-Bipy Three-Dimensional Pillared Layer via a Two-Dimensional Layer. Crystal Growth and Design, 2017, 17, 6523-6530.	1.4	14
231	Influence of the Different Types of Auxiliary Noncarboxylate Organic Ligands on the Topologies and Magnetic Relaxation Behavior of Znâ€“Dy Heterometallic Single Molecule Magnets. Inorganic Chemistry, 2021, 60, 9941-9955.	1.9	14
232	An Effective Strategy of Introducing Chirality to Achieve Multifunctionality in Rareâ€Earth Double Perovskite Ferroelectrics. Small Methods, 2022, 6, .	4.6	14
233	Title is missing!. Transition Metal Chemistry, 2000, 25, 589-593.	0.7	13
234	A supramolecular assembly of {Fe10} molecular wheels with tubular structures. CrystEngComm, 2006, 8, 384.	1.3	13

#	Article	IF	Citations
235	A novel 2D copper(II) coordination polymer with bidentate coligands and alternating double EO- and single EE-azido bridges. Inorganic Chemistry Communication, 2009, 12, 959-963.	1.8	13
236	Lanthanide-ion-tuned magnetic properties in a series of three-dimensional cyano-bridged LnIIIWV assemblies. Dalton Transactions, 2012, 41, 10690.	1.6	13
237	Field-induced single molecule magnet behavior of a DyIII-NaI one-dimensional chain extended by acetate ions. Inorganic Chemistry Communication, 2018, 98, 127-131.	1.8	13
238	Light-controlled efficient photoluminescence based on an europium Î²-diketonate complex with single-crystal-to-single-crystal [2+2] cycloaddition. Chemical Communications, 2019, 55, 12873-12876.	2.2	13
239	Two bimetallic W(IV)-Mn(II) complexes based on octacyanometallates: structures and magnetic properties. Science in China Series B: Chemistry, 2009, 52, 1801-1807.	0.8	12
240	Substituting group induced structural transformation from 1D zigzag chain to 2D grid network in cyano-bridged dimetallic complexes derived from MnIII(Schiff-base) and [CrI(CN)5NO]3â^': Synthesis, crystal structure and magnetic properties. Polyhedron, 2011, 30, 3158-3164.	1.0	12
241	Hydrothermal synthesis, structure characterization and catalytic property of a zigzag chain structural cluster compound built on the novel tetra-capped and centered by NiII. Inorganic Chemistry Communication, 2011, 14, 1314-1317.	1.8	12
242	Synthesis, structures and magnetic properties of cyano-bridged 3dâ€“4f rectangular tetranuclear [FeIII2LnIII2] (Ln=Y, Tb, Dy) compounds containing [FeIII(bpy)(CN)4]â^' unit. Polyhedron, 2013, 66, 212-217.	1.0	12
243	Structures and paramagnetism of five heterometallic pentanuclear metal strings containing as many as four different metals: NiPtCo₂Pd(tpda)₄Cl₂. Dalton Transactions, 2020, 49, 7299-7303.	1.6	12
244	One-dimensional Diamagnetic-metal Nitronyl Nitroxide Radical Complexes with Dicyanoargentate(I) Bridges: M(NIT4Py)2[Ag(CN)2]2 (M= Zn, Cd). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1702-1705.	0.6	11
245	Syntheses, structure and magnetic properties of oxamido-bridged trinuclear Cuâ€“Mâ€“Cu macrocyclic complexes (M=Cu, Co and Mn). Inorganic Chemistry Communication, 2006, 9, 1015-1018.	1.8	11
246	Synthesis, structure and magnetic property of a cyanamido bridged trinuclear copper complex. Inorganic Chemistry Communication, 2010, 13, 109-111.	1.8	11
247	{[VIV14VV4O42(H2O)][Ni(C4N3H13)(C4N3H14)]4(H2O)6}4+: a novel nanosized calix-type polyoxovanadate cation. CrystEngComm, 2011, 13, 2191.	1.3	11
248	Octacyanotungstate (V)-based square [W2Mn2] complexes: Effect of intermolecular interaction on molecule-based magnetism. Inorganic Chemistry Communication, 2011, 14, 56-60.	1.8	11
249	Syntheses, structures, sorption and magnetic properties of copper(II) frameworks with varied topologies. Microporous and Mesoporous Materials, 2013, 175, 116-124.	2.2	11
250	Linear trimers of diruthenium linked by polyyndiyl or phenylenediethynyl bridges: A family of unique electronic wires. Polyhedron, 2015, 86, 76-80.	1.0	11
251	Exploring the Magnetic Interaction of Asymmetric Structures Based on Chiral VIII8 Clusters. Inorganic Chemistry, 2019, 58, 2645-2651.	1.9	11
252	Controlling Electron Spin Decoherence in Nd-based Complexes via Symmetry Selection. IScience, 2020, 23, 100926.	1.9	11

#	Article	IF	Citations
253	Title is missing!. Transition Metal Chemistry, 2001, 26, 247-251.	0.7	10
254	Long-range superexchanged magnetic interaction observed in heterometallic complex: {[FeII(Tpms)(CN)3][MnII(H2O)2(DMF)2]}Â·DMF. Inorganica Chimica Acta, 2005, 358, 4057-4061.	1.2	10
255	Synthesis, crystal structure and magnetic properties of 1D chain Cu(II) complex with the single-Î¼-chloro bridging. Inorganic Chemistry Communication, 2008, 11, 1100-1102.	1.8	10
256	Synthesis, structure and magnetic property of Î¼-phenoxo-Î¼-acetato-bis(Î·2-acetato)dicobalt(II, II) complexes. Inorganica Chimica Acta, 2008, 361, 5-8.	1.2	10
257	Syntheses, structures, and magnetic properties of heterobimetallic Fe2IIIMII (M=Cu, Mn) chains based on tetracyanometallic building block. Inorganica Chimica Acta, 2009, 362, 1485-1490.	1.2	10
258	Hexanuclear FeIII2CoIII2MII2(M = Cu, Ni, Mn) clusters based on KlÃui's tripodal ligand and tricyanometalates: syntheses, structures and magnetic properties. Dalton Transactions, 2011, 40, 2204-2212.	1.6	10
259	Magnetic properties of two 2D complexes based on 1D chain containing [Fe(bpy)(CN)₄]^{â^'}unit. Dalton Transactions, 2013, 42, 1116-1121.	1.6	10
260	Enhanced quantum coherence in graphene caused by Pd cluster deposition. Applied Physics Letters, 2015, 106, .	1.5	10
261	Thiacalix[4]arene-supported heterodinuclear Ni^{II}â€“Ln^{III} complexes: slow magnetic relaxation behavior in the dysprosium analogue. RSC Advances, 2016, 6, 1143-1150.	1.7	10
262	Tuning the Single-Molecule Magnetism of Dysprosium Complexes by a Redox-Noninnocent Diborane Ligand. Organometallics, 2020, 39, 4143-4148.	1.1	10
263	A cationic sulfur-hydrocarbon triradical with an excited quartet state. Chemical Communications, 2022, 58, 1986-1989.	2.2	10
264	A thiophenopolyamine Cu(II) complex fixed by atmospheric carbon dioxide: synthesis, structure and properties. Journal of Coordination Chemistry, 2008, 61, 1973-1982.	0.8	9
265	1D cerium(III) coordination polymer with pivalate bridges: Synthesis, structure and magnetic properties. Journal of Molecular Structure, 2017, 1141, 170-175.	1.8	9
266	Modulating the structural topologies and magnetic relaxation behaviour of the Mnâ€“Dy compounds by using different auxiliary organic ligands. New Journal of Chemistry, 2020, 44, 16302-16310.	1.4	9
267	Regulating the distortion degree of the square antiprism coordination geometry in Dyâ€“Na single ion magnets. CrystEngComm, 2021, 23, 3175-3184.	1.3	9
268	Ferromagnetic interactions in a Zn(II)â€“nitronyl nitroxide complex with dicyanoaurate(I) bridges. Journal of Coordination Chemistry, 2005, 58, 1695-1702.	0.8	8
269	Single-Crystal Structure and Magnetic Behavior of a Molecule-Based Ferrimagnet Mn[Mn0.2Cr0.8(CN)6]Â·4H2O. European Journal of Inorganic Chemistry, 2007, 2007, 1698-1702.	1.0	8
270	Synthesis, structural characterization and magnetic behavior of a 2D bi-layer MOF, {[Ni2(C5O5)2(bpe)2]Â·H2O}n(bpe = 1,2-bis(4-pyridyl)ethylene). CrystEngComm, 2011, 13, 118-123.	1.3	8

#	Article	IF	Citations
271	Syntheses, structures and magnetic properties of cyano-bridged Sm(III)M(V) (M=Mo, W) assemblies with zigzag chains. Inorganic Chemistry Communication, 2012, 24, 40-42.	1.8	8
272	Hydrothermal Syntheses and Crystal Structures of Two New Vanadium Phosphates. Journal of Cluster Science, 2012, 23, 177-187.	1.7	8
273	Size-controlled synthesis and magnetic properties of copper germanate nanorods. Observation of size-induced quenching of the spin-Peierls transition. CrystEngComm, 2014, 16, 850-857.	1.3	8
274	Electrochemical Synthesis and Magnetic Properties of [Cu₉W₆]: The Ultimate Member of the Quindecanuclear Octacyanometallate-Based Transition-Metal Cluster?. Inorganic Chemistry, 2015, 54, 11049-11051.	1.9	8
275	The Charge Transfer Approach to Heavier Mainâ€Group Element Radicals in Transitionâ€Metal Complexes. Angewandte Chemie, 2017, 129, 12915-12919.	1.6	8
276	Half-Sandwich Metal Carbonyl Complexes as Precursors to Functional Materials: From a Near-Infrared-Absorbing Dye to a Single-Molecule Magnet. Journal of the American Chemical Society, 2017, 139, 12069-12075.	6.6	8
277	Optimal diamagnetic dilution concentration for suppressing the dipoleâ€“dipole interaction in single-ion magnets. Dalton Transactions, 2020, 49, 2159-2167.	1.6	8
278	Switchable slow relaxation of magnetization in photochromic dysprosium(<scp>iii</scp>) complexes manipulated by a dithienylethene ligand. New Journal of Chemistry, 2020, 44, 20129-20136.	1.4	8
279	Manipulation of Molecular Qubits by Isotope Effect on Spin Dynamics. CCS Chemistry, 2021, 3, 2548-2556.	4.6	8
280	Organic radical molecular solids based on [(TCNQ)n]â^' (n=1 or 2): Syntheses, crystal structures, magnetic properties and DFT analyses. Journal of Physics and Chemistry of Solids, 2008, 69, 2445-2452.	1.9	7
281	Experimental and theoretical magneto-structural studies on the dicarboxylato-bridged nature of the dicopper(II)-based metalâ€“organic frameworks. Inorganica Chimica Acta, 2012, 387, 137-144.	1.2	7
282	Two novel nickel(<scp>ii</scp>) and cobalt(<scp>ii</scp>) metalâ€“organic frameworks based on a rigid aromatic multicarboxylate ligand: syntheses, structural characterization and magnetic properties. CrystEngComm, 2016, 18, 5386-5392.	1.3	7
283	Nona- and undecanuclear nickel phosphonate cages. Inorganica Chimica Acta, 2016, 439, 77-81.	1.2	7
284	Study of the relationship between magnetic field and dielectric properties in two ferromagnetic complexes. RSC Advances, 2017, 7, 47913-47919.	1.7	7
285	An azide-bridged copper(II) 1D-chain with ferromagnetic interactions: synthesis, structure and magnetic studies. Transition Metal Chemistry, 2017, 42, 635-641.	0.7	7
286	Synthesis, crystal structure and magnetic properties of one-dimensional cyano-bridged bimetallic complex of [Mn(Me2-bipy)2]3[W(CN)8]2Â·9H2O. Inorganic Chemistry Communication, 2009, 12, 1179-1181.	1.8	6
287	Studies on tetranuclear copper (II) complexes of a macrocyclic ligand bearing 2-thiophenoethylamine pendant arms. Journal of Molecular Structure, 2010, 983, 186-193.	1.8	6
288	Ferrimagnetism and abnormal spinâ€”lattice coupling in dilute magnetic ferroelectric (Bi 0.46 Na 0.46) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	6

#	Article	IF	Citations
289	Low-voltage organic field-effect transistors based on novel high-Îº organometallic lanthanide complex for gate insulating materials. AIP Advances, 2014, 4, .	0.6	6
290	Chiral heterobimetallic chains from a dicyanideferrite building block including a Ï€-conjugated TTF annulated ligand. Dalton Transactions, 2016, 45, 16575-16584.	1.6	6
291	Metal-ion induced ferromagnetic polarization in a mixed-spin system. Dalton Transactions, 2017, 46, 6670-6676.	1.6	6
292	The synthesis and magnetic properties of a linear mixed-valence [Ni₃]⁵⁺ in an anthyridine tri-nickel complex. Dalton Transactions, 2019, 48, 9912-9915.	1.6	6
293	Novel 1-D Chains Constructed of Rings Which Include Six Metal Atoms [M2Au4] (M = Ni, Zn) with Aurophilic Interactions: Structure, Magnetic, and Spectral Studies. Helvetica Chimica Acta, 2005, 88, 3000-3010.	1.0	5
294	A novel 1D coordination polymer based on rhombus [Cu4O4] building block: Synthesis, crystal structure and magnetic properties. Journal of Molecular Structure, 2006, 794, 154-159.	1.8	5
295	Synthesis, structure and magnetic properties of a 2D cyano-bridged mixed-valence CuII assembly containing ladder-like chain. Journal of Molecular Structure, 2006, 788, 206-210.	1.8	5
296	Synthesis, crystal structure and magnetic characterization of a novel linear trinuclear copper(II) complex bridged by phenoxy and benzyloxy oxygen atoms. Transition Metal Chemistry, 2008, 33, 55-60.	0.7	5
297	A tetranuclear copper(II) complex: crystal structure, assembly, EPR, electrochemistry and magnetism. Journal of Coordination Chemistry, 2009, 62, 655-664.	0.8	5
298	2D double-layered metalâ€“radical complexes: Crystal structures and magnetic properties. Synthetic Metals, 2010, 160, 839-844.	2.1	5
299	Novel supramolecular compounds based on tetrathiafulvalene tetracarboxylate with the cationic chains and anionic chains: Syntheses, charactarization and magnetic propertises. Inorganic Chemistry Communication, 2015, 55, 83-87.	1.8	5
300	Double-stranded helicates of Ni(II), Co(II), Fe(II) and Zn(II) with oligo-Î±-naphthyridylamino ligand: Synthesis, structure and properties. Polyhedron, 2018, 144, 75-81.	1.0	5
301	Linear pentanuclear nickel(II) and tetranuclear copper(II) complexes with pyrazine-modulated tripyridyldiamine ligand: Synthesis, structure and properties. Inorganica Chimica Acta, 2018, 483, 386-391.	1.2	5
302	Synthesis, crystal structure and magnetic susceptibility of a novel binuclear complex: [Cu2(phen)2(4,4â€²-dpy)3(OH)2]Â·2NO3Â·5.5H2O. Journal of Coordination Chemistry, 2005, 58, 1139-1144.	0.8	4
303	Synthesis, structure and magnetic properties of a 2D cyano-bridged mixed-valence CuII assembly containing ladder-like chain. Journal of Molecular Structure, 2006, 796, 36-40.	1.8	4
304	Assembly, structure and magnetic property of one cyano- and oxamidato-bridged mixed valence CuI/CuII complex. Inorganic Chemistry Communication, 2007, 10, 1019-1022.	1.8	4
305	Crystal structure and magnetic properties of a nitronyl nitroxide complex {[Co2(NIT4Py)4(fum)2(H2O)4] Â· (H2O)2} n. Journal of Coordination Chemistry, 2010, 63, 3198-3206.	0.8	4
306	Localized defects closely related with the magnetism of graphite induced by 12C+ ion implantation. Journal of Applied Physics, 2011, 109, 083933.	1.1	4

#	Article	IF	Citations
307	Syntheses, crystal structures and properties of dinuclear hydrido-tris(3,5-diphenylpyrazol-1-yl)borate complexes with the Sâ€•S coupled and dimerized quinoxaline-2,3-dithiolate ligand. Inorganic Chemistry Communication, 2013, 35, 79-82.	1.8	4
308	Ferrimagnetic Fe(IV)-Mn(II) staircase chain constructed from Fe(IV) building block. Polyhedron, 2020, 175, 114243.	1.0	4
309	Synthesis, Crystal Structures and Magnetic Properties of Mononuclear High-Spin Cobalt(II) Complex. Crystals, 2020, 10, 87.	1.0	4
310	A high-spin diradical dianion and its bridged chemically switchable single-molecule magnet. Chemical Science, 2021, 12, 9998-10004.	3.7	4
311	Reversible Switching of Single-Molecule Magnetic Behaviour by Desorption/Adsorption of Solvent Ligand in a New Dy(III)-Based Metal Organic Framework. Frontiers in Chemistry, 2021, 9, 714851.	1.8	4
312	Acetatodiaqua[3-(salicyloylhydrazono)butan-2-one oximato]nickel(II) ethanol solvate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 430-431.	0.4	3
313	Synthesis, structure and property of copper(II) complex with macrocyclic multidentate ligand. Inorganic Chemistry Communication, 2005, 8, 186-189.	1.8	3
314	Unusual magnetic transition in a new 1D molecular solid [1-(4â€²-iodobenzyl)pyridinium][Ni(mnt)2](). Solid State Sciences, 2006, 8, 520-525.	1.5	3
315	Crystal structure, magnetic property and DFT analysis for a bis(tetracyanoquinodimethane)zinc(II) complex. Polyhedron, 2009, 28, 1888-1892.	1.0	3
316	Hydrothermal Synthesis, Crystal Structure and Properties of Two Organic Amine Templated Lanthanide Sulfates. Journal of Chemical Crystallography, 2011, 41, 1737-1741.	0.5	3
317	Synthesis, structure and properties of the first organic amine-templated vanadyl pyrophosphate containing two types of helical chains. Inorganic Chemistry Communication, 2014, 45, 120-123.	1.8	3
318	One-dimensional coordination polymers based on [Ru2(DMBA)4]2+ units. Inorganica Chimica Acta, 2017, 468, 105-108.	1.2	3
319	An Uneven Chain-like Ferromagnetic Copper(II) Coordination Polymer Displaying Metamagnetic Behavior and Long-Range Magnetic Ordering. Magnetochemistry, 2022, 8, 2.	1.0	3
320	Slow magnetic relaxation in a trigonal-planar mononuclear Fe(<scp>ii</scp>) complex. Dalton Transactions, 2022, 51, 8266-8272.	1.6	3
321	Single-molecule magnet behaviour in a centrosymmetric dinuclear dysprosium(<scp>iii</scp>) complex: sequential differentiation of triple relaxation pathways. Dalton Transactions, 2022, 51, 9233-9240.	1.6	3
322	Magnetic interactions in a new heterospin complex involving nitroxide radical and oxamido-bridged copper(II). Journal of Coordination Chemistry, 2007, 60, 929-936.	0.8	2
323	Light-induced synthesis of an octacyanometalate-based three-dimensional bimetallic complex [Mn3Mo2]â^ž. Inorganic Chemistry Communication, 2014, 45, 79-81.	1.8	2
324	Synthesis, crystal structures, HF-EPR, and magnetic properties of six-coordinate transition metal (Co,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 12833-12840.	1.7	2

#	Article	IF	Citations
325	Synthesis, crystal structures and magnetic properties of a 1D chain based on trinuclear Cu subunits and a Cu4Dy2 complex. Inorganica Chimica Acta, 2021, 515, 120053.	1.2	2
326	4-(4-Hydroxybenzylideneamino)-4H-1,2,4-triazole hemihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 242-243.	0.4	1
327	Two new 1D chains of Ni 2 Na 2 heterometallic double half-cubane building units: Synthesis, structures and variable temperature magnetic study. Journal of Chemical Sciences, 2011, 123, 807-818.	0.7	1
328	Macrocyclic Chromium(III) Catecholate Complexes. Inorganic Chemistry, 2021, 60, 4447-4455.	1.9	1
329	Effect of the Ligand Field Geometry on the Slow Magnetization Relaxation in Mononuclear Dysprosium Complexes. Science of Advanced Materials, 2018, 10, 1274-1285.	0.1	1
330	Octacyanometallate-Based Single-Molecule Magnets: CoII9MV6 (M: W, Mo).. ChemInform, 2005, 36, no.	0.1	0
331	Ferromagnetic Coupling in Trinuclear, Partial Cubane CuII Complexes with a Î¼3-OH Core: Magnetostructural Correlations. Chemistry - A European Journal, 2008, 14, 1377-1377.	1.7	0
332	Structures and magnetic properties of two new heterospin complexes involving nitroxide radicals and oxamido-bridged copper(II). Journal of Coordination Chemistry, 2008, 61, 294-301.	0.8	0
333	Back Cover: Two Linear Undecanickel Mixed-Valence Complexes: Increasing the Size and the Scope of the Electronic Properties of Nickel Metal Strings (Angew. Chem. Int. Ed. 9/2011). Angewandte Chemie - International Edition, 2011, 50, 2188-2188.	7.2	0
334	Titelbild: Tuning Ground States of Bis(triarylamine) Dications: From a Closed-Shell Singlet to a Diradicaloid with an Excited Triplet State (Angew. Chem. 11/2014). Angewandte Chemie, 2014, 126, 2819-2819.	1.6	0
335	An unpredictable chain ion-pairing complex {[Cu(terpy)CN]PCQ}n. Inorganic Chemistry Communication, 2014, 47, 84-86.	1.8	0