

# Corine Mathonière

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4681206/publications.pdf>

Version: 2024-02-01

148  
papers

8,056  
citations

44042

48  
h-index

53190

85  
g-index

157  
all docs

157  
docs citations

157  
times ranked

4599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferrimagnetic Mixed-Valency and Mixed-Metal Tris(oxalato)iron(III) Compounds: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 1996, 35, 1201-1206.	1.9	518
2	Reversible Photoinduced Magnetic Properties in the Heptanuclear Complex $[\text{MoIV}(\text{CN})_2(\text{CN})_4\text{CuL}]_6^{8+}$ : A Photomagnetic High-Spin Molecule. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5468-5471.	7.2	330
3	Magnetic and Optical Bistability Driven by Thermally and Photoinduced Intramolecular Electron Transfer in a Molecular Cobalt-Iron Prussian Blue Analogue. <i>Journal of the American Chemical Society</i> , 2008, 130, 252-258.	6.6	324
4	Switchable Fe/Co Prussian blue networks and molecular analogues. <i>Chemical Society Reviews</i> , 2016, 45, 203-224.	18.7	296
5	Photoinduced Magnetization in Copper Octacyanomolybdate. <i>Journal of the American Chemical Society</i> , 2006, 128, 270-277.	6.6	257
6	Nature of the Interaction between Ln(III) and Cu(II) in the Ladder-Type Compounds $\{\text{Ln}_2[\text{Cu}(\text{opba})_3]\cdot\text{S}\}$ (Ln = Lanthanide Element; opba = ortho-Phenylenebis(oxamato), S = Solvent Molecules). <i>Inorganic Chemistry</i> , 1999, 38, 3692-3697.	1.9	252
7	Photomagnetism in Clusters and Extended Molecule-Based Magnets. <i>Inorganic Chemistry</i> , 2009, 48, 3453-3466.	1.9	210
8	Reversible Thermally and Photoinduced Electron Transfer in a Cyano-Bridged $\{\text{Fe}_2\text{Co}_2\}$ Square Complex. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3752-3756.	7.2	206
9	Molecular-based mixed valency ferrimagnets $(\text{XR}_4)\text{FeIIFeIII}(\text{C}_2\text{O}_4)_3$ (X = N, P; R = n-propyl, n-butyl, phenyl): anomalous negative magnetisation in the tetra-n-butylammonium derivative. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1551-1552.	2.0	182
10	Tristability in a Light-Actuated Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2013, 135, 15880-15884.	6.6	178
11	Structural and Photomagnetic Studies of Two Compounds in the System $\text{Cu}_2/\text{Mo}(\text{CN})_8$ : From Trinuclear Molecule to Infinite Network. <i>Inorganic Chemistry</i> , 2001, 40, 1151-1159.	1.9	170
12	Metal-to-Metal Electron Transfer in Co/Fe Prussian Blue Molecular Analogues: The Ultimate Miniaturization. <i>Journal of the American Chemical Society</i> , 2014, 136, 15461-15464.	6.6	157
13	Photoinduced Single-Molecule Magnet Properties in a Four-Coordinate Iron(II) Spin Crossover Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 19083-19086.	6.6	155
14	Soft and Hard Molecule-Based Magnets of Formula $[(\text{Etrad})_2\text{M}_2\{\text{Cu}(\text{opba})_3\}]\cdot\text{S}$ [Etrad = Radical Cation, MII = MnII or CoII, opba = Ortho-phenylenebis(oxamato), S = Solvent Molecules], with a Fully Interlocked Structure. <i>Chemistry - A European Journal</i> , 1999, 5, 1486-1495.	1.7	140
15	Rational Design of a Photomagnetic Chain: Bridging Single-Molecule Magnets with a Spin-Crossover Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 14840-14853.	6.6	129
16	Design of a molecular-based ferromagnet through polymerization reaction in the solid state of manganese copper(II) molecular units. Crystal structure of $\text{MnCu}(\text{obze})(\text{H}_2\text{O})_4 \cdot 2\text{H}_2\text{O}$ (obze = ) <a href="#">Tj ETQq0 0 orgBT/Overlock 10 Tf</a>		
17	Thermochromic and Photoresponsive Cyanometalate Fe/Co Squares: Toward Control of the Electron Transfer Temperature. <i>Journal of the American Chemical Society</i> , 2014, 136, 16854-16864.	6.6	123
18	Structural and photomagnetic studies of a 1-D bimetallic chain $[\text{MnII}(\text{L})_2(\text{H}_2\text{O})][\text{MoIV}(\text{CN})_8]\cdot 5\text{H}_2\text{O}$ (L = ... = macrocycle): analogy with the photo-oxidation of $\text{K}_4[\text{MoIV}(\text{CN})_8]\cdot 2\text{H}_2\text{O}$ . <i>Dalton Transactions RSC</i> , 2000, , 3609-3614.	2.3	104

#	ARTICLE	IF	CITATIONS
19	Substantial Increase of the Ordering Temperature for {MnII/MoIII(CN)7}-Based Magnets as a Function of the 3d Ion Site Geometry: An Example of Two Supramolecular Materials with $T_c = 75$ and 106 K. <i>Inorganic Chemistry</i> , 2003, 42, 1625-1631.	1.9	99
20	Complementarity and internal consistency between magnetic and optical properties for the manganese(II) copper(II) heterodinuclear compound [Mn(Me6-[14]ane-N4)Cu(oxpn)](CF3SO3)2		

#	ARTICLE	IF	CITATIONS
37	Light-Induced Excited Spin State Trapping and Charge Transfer in Trigonal Bipyramidal Cyanide-Bridged Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 2782-2789.	1.9	68
38	Spin Density Maps for the Ferrimagnetic Chain Compound $MnCu(pba)(H_2O)_3 \cdot 2H_2O$ ( $pba = [Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70]$ ). American Chemical Society, 1997, 119, 3500-3506.	6.6	67
39	Multistability at Room Temperature in a Bent-Shaped Spin-Crossover Complex Decorated with Long Alkyl Chains. <i>Journal of the American Chemical Society</i> , 2018, 140, 98-101.	6.6	67
40	Photoswitchable Heterotrimetallic Chain Based on Octacyanomolybdate, Copper, and Nickel: Synthesis, Characterization, and Photomagnetic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 22-24.	1.9	66
41	New $\mu_4$ -Oxido-Bridged Copper Benzoate Quasi-Tetrahedron and Bis- $\mu_3$ -Hydroxido-Bridged Copper Azide and Copper Thiocyanate Stepped Cubanes: Core Conversion, Structural Diversity, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 6575-6585.	1.9	60
42	Spin-Density Maps for an Oxamido-Bridged Mn(II)Cu(II) Binuclear Compound. Polarized Neutron Diffraction and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 1996, 118, 11822-11830.	6.6	56
43	Reversible Photoinduced Magnetic Properties in the Heptanuclear Complex $[MoIV(CN)_2(CN)_2CuL]_8^{8+}$ : A Photomagnetic High-Spin Molecule. <i>Angewandte Chemie</i> , 2004, 116, 5584-5587.	1.6	52
44	Photoinduced Magnetization on Mo Ion in Copper Octacyanomolybdate: An X-ray Magnetic Circular Dichroism Investigation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 593-600.	1.5	52
45	Self-assembly of $[CuII/III]_3^+$ and $[W(CN)_8]^{3-}$ tectons: a case study of a mixture containing two complexes showing slow-relaxation of the magnetization. <i>Dalton Transactions</i> , 2012, 41, 13578.	1.6	51
46	New Phenoxido-Bridged Quasi-Tetrahedral and Rhomboidal $[Cu_4]$ Compounds Bearing $\mu_4$ -Oxido or $\mu_{1,1}$ -Azido Ligands: Synthesis, Chemical Reactivity, and Magnetic Studies. <i>Inorganic Chemistry</i> , 2011, 50, 3922-3933.	1.9	49
47	Investigation of the Photoinduced Magnetization of Copper Octacyanomolybdates Nanoparticles by X-ray Magnetic Circular Dichroism. <i>Journal of the American Chemical Society</i> , 2012, 134, 222-228.	6.6	49
48	Cyanido-Bridged Fe(III)-Mn(III) Heterobimetallic Materials Built From Mn(III) Schiff Base Complexes and Di- or Tri-Cyanido Fe(III) Precursors. <i>Inorganic Chemistry</i> , 2012, 51, 3796-3812.	1.9	49
49	Nickel(II) Chain with Alternating End-On/End-to-End Single Azido Bridges: A Combined Structural, Magnetic, and Theoretical Study. <i>Inorganic Chemistry</i> , 2008, 47, 1127-1133.	1.9	47
50	Syntheses, Structures, and Magnetic Properties of a Novel $\mu_3$ - $[(bbp)Fe(III)(CN)_3]^{2+}$ Building Block ( $bbp = [Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22]$ ). <i>Inorganic Chemistry</i> , 2012, 51, 12350-12359.	1.9	47
51	Synergy in Photomagnetic/Ferromagnetic $\mu_3$ -50 nm Core-Multishell Nanoparticles. <i>Inorganic Chemistry</i> , 2013, 52, 10264-10274.	1.9	44
52	Bimetallic cyanido-bridged magnetic materials derived from manganese(III) Schiff-base complexes and pentacyanonitrosylferrate(II) precursor. <i>New Journal of Chemistry</i> , 2009, 33, 1237.	1.4	43
53	A facile building-block synthesis of multifunctional lanthanide MOFs. <i>Journal of Materials Chemistry</i> , 2011, 21, 15544.	6.7	43
54	Multireversible Redox Processes in Pentanuclear Bis(Triple-Helical) Manganese Complexes Featuring an Oxo-Centered triangular $\{Mn^{II}Mn^{II}Mn^{III}(\mu_3-O)\}^{5+}$ or $\{Mn^{II}Mn^{II}Mn^{III}(\mu_3-O)\}^{6+}$ Core Wrapped by Two $\{Mn^{II}Mn^{II}(\mu_3-bpp)\}^{3+}$ . <i>Inorganic Chemistry</i> , 2011, 50, 8427-8436.	1.9	43

#	ARTICLE	IF	CITATIONS
55	Atomic Scale Evidence of the Switching Mechanism in a Photomagnetic CoFe Dinuclear Prussian Blue Analogue. <i>Journal of the American Chemical Society</i> , 2019, 141, 3470-3479.	6.6	43
56	New Metal Oxamates as Precursors of Low-Dimensional Heterobimetallics. <i>Inorganic Chemistry</i> , 1996, 35, 4932-4937.	1.9	42
57	Cooperative relaxation of the metastable states in the photomagnetic octacyanotungstate $\text{Cs}[\{\text{Coll}(\text{3-CN-py})_2\}(\text{WV}(\text{CN})_8)] \cdot \text{H}_2\text{O}$ . <i>Chemical Physics Letters</i> , 2006, 426, 380-386.	1.2	42
58	Iridates from the molecular side. <i>Nature Communications</i> , 2016, 7, 12195.	5.8	41
59	A new family of $[\text{Cu}^{\text{II}}\text{Ln}^{\text{III}}\text{M}^{\text{V}}]$ heterotrimetallic complexes (Ln = La, Tj) ETQq1 1 0.784314 rgBT (C) properties. <i>Dalton Transactions</i> , 2016, 45, 7642-7649.	1.6	40
60	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. <i>Chemical Communications</i> , 2011, 47, 11035.	2.2	39
61	Dimensionality Switching Through a Thermally Induced Reversible Single-Crystal-to-Single-Crystal Phase Transition in a Cyanide Complex. <i>Inorganic Chemistry</i> , 2010, 49, 11045-11056.	1.9	38
62	Dc and ac magnetic properties of the two-dimensional molecular-based ferrimagnetic materials $\text{A}_2\text{M}_2[\text{Cu}(\text{opba})]_3\text{nsolv}$ [A+=cation, MII=MnII or Coll, opba=ortho-phenylenebis(oxamato) and solv=solvent molecule]. <i>Journal of Materials Chemistry</i> , 1997, 7, 1263-1270.	6.7	37
63	Photo-induced magnetic bistability in a controlled assembly of anisotropic coordination nanoparticles. <i>Chemical Communications</i> , 2011, 47, 1985.	2.2	37
64	Spin Densities in a Ferromagnetic Bimetallic Chain Compound: Polarized Neutron Diffraction and DFT Calculations. <i>Journal of the American Chemical Society</i> , 2002, 124, 14433-14441.	6.6	36
65	Electron Density Distribution of an Oxamato Bridged Mn(II)~Cu(II) Bimetallic Chain and Correlation to Magnetic Properties. <i>Journal of the American Chemical Society</i> , 2004, 126, 1219-1228.	6.6	36
66	Metamagnetic Behavior of the Novel Bimetallic Ferromagnetic Chain Compound $\text{MnNi}(\text{NO}_2)_4(\text{en})_2(\text{en} = \text{Tj})$ ETQq0,0,0 rgBT /Overlock 1	1.9	34
67	Magnetic properties of a novel molecule-based ferrimagnet exhibiting multiple magnetic pole reversal. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 234, 6-12.	1.0	34
68	Interchain interactions and three-dimensional magnetic ordering in Mn(II)Cu(II) chain compounds; crystal structure and metamagnetic properties of $\text{MnCu}(\text{pbaOH})(\text{H}_2\text{O})_3 \cdot 2\text{H}_2\text{O}$ , with pbaOH = 2-hydroxy-1,3-propylenebis(oxamato). <i>Inorganica Chimica Acta</i> , 1995, 235, 69-76.	1.2	33
69	Synthesis and Structural Study by Wide-Angle X-ray Scattering (WAXS) of Polymeric $\{\text{Ln}_2[\text{M}(\text{opba})]_3\} \cdot \text{S}$ Compounds Containing 4f LnIII and 3d MII $\{\text{Ln}_2[\text{M}(\text{opba})]_3\} \cdot \text{S}$ Ions [opba =ortho-Phenylenebis(oxamato), S = Solvent Molecules]. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 527-531.	1.0	33
70	Slow Dynamics of the Spin~Crossover Process in an Apparent High~Spin Mononuclear $\text{Fe}^{\text{II}}$ Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18888-18891.	7.2	32
71	Bifunctional Materials Based on the Photochromic Cation $[\text{RuNO}(\text{NH}_3)_5]^{3+}$ with Paramagnetic Metal Complex Anions. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4074-4085.	1.0	31
72	Photo-induced magnetic properties of the $[\text{Cu}^{\text{II}}(\text{bapa})]_2[\text{Mo}^{\text{IV}}(\text{CN})_8] \cdot 7\text{H}_2\text{O}$ molecular ribbon. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8712-8719.	2.7	31

#	ARTICLE	IF	CITATIONS
73	Molecule-based microelectromechanical sensors. <i>Scientific Reports</i> , 2018, 8, 8016.	1.6	31
74	Heterometallic Heptanuclear $[Cu_5Ln_2]$ ( $Ln = Tb, Dy, \text{ and } Ho$ ) Single-Molecule Magnets Organized in One-Dimensional Coordination Polymeric Network. <i>Inorganic Chemistry</i> , 2017, 56, 14612-14623.	1.9	30
75	Photoinduced $Mo^{\sim}CN$ Bond Breakage in Octacyanomolybdate Leading to Spin Triplet Trapping. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3117-3121.	7.2	30
76	Synthesis and characterization of a new molecular magnet, $[Ni(ampy)_2]_3[Fe(CN)_6]_2 \cdot 6H_2O$ , and synthesis, crystal structure and magnetic properties of its mononuclear precursor, $trans-[Ni(ampy)_2(NO_3)_2]$ ( $ampy=2\text{-aminomethylpyridine}$ ). <i>Polyhedron</i> , 2000, 19, 1967-1973.	1.0	29
77	Single-Crystal Polarized Optical Absorption Spectroscopy of the One-Dimensional Ferrimagnet $MnIIICuII(pba)(H_2O)_3 \cdot 2H_2O$ ( $pba = 1,3\text{-Propylenebis(oxamato)}$ ). <i>Inorganic Chemistry</i> , 2000, 39, 3799-3804.	1.9	29
78	Solvent-Triggered Cis/Trans Isomerism in Cobalt Dioxolene Chemistry: Distinguishing Effects of Packing on Valence Tautomerism. <i>Inorganic Chemistry</i> , 2016, 55, 8331-8340.	1.9	29
79	New photomagnetic cyanido-bridged $CuII-MoIV$ oligonuclear complexes: slight modification of the blocking ligands induces different structures. <i>Dalton Transactions</i> , 2009, , 7805.	1.6	28
80	Radical-Radical Recognition: Switchable Magnetic Properties and Re-entrant Behavior. <i>Chemistry of Materials</i> , 2015, 27, 4023-4032.	3.2	28
81	Optical Properties of and Spin Interaction in the Trinuclear Compound $\{[Mn(Me_6-[14]ane-N_4)]_2Cu(pba)\}(CF_3SO_3)_2 \cdot 2H_2O$ . <i>Inorganic Chemistry</i> , 1994, 33, 2103-2108.	1.9	26
82	A novel cyano-bridged pentanuclear complex: $\{[Mn_3(MAC)_3(H_2O)_2]\{Fe(CN)_6\}_2\} \cdot 6H_2O \cdot 2CH_3OH$ synthesis, crystal structure and magnetic properties ( $MAC=pentaaza\ macrocyclic\ ligand$ ). <i>Polyhedron</i> , 2003, 22, 1315-1320.	1.0	26
83	Ferromagnetic Interactions in the $Mn(N_3)_4[Ni(en)_2(NO_2)]_2$ Trinuclear Compound. Crystal Structure and Physical Properties. <i>Inorganic Chemistry</i> , 1998, 37, 2651-2654.	1.9	25
84	Photoinduced reversible spin-state switching of an $FeIII$ complex assisted by a halogen-bonded supramolecular network. <i>Chemical Communications</i> , 2017, 53, 10283-10286.	2.2	25
85	First example of photomagnetic effects in ionic pairs $[Ni(bipy)_3]_2[Mo(CN)_8] \cdot 12H_2O$ . <i>Inorganica Chimica Acta</i> , 2008, 361, 3500-3504.	1.2	23
86	Dramatic Solid-State Humidity-Induced Modification of the Magnetic Coupling in a Dimeric Fluorous Copper(II)-Carboxylate Complex. <i>Inorganic Chemistry</i> , 2009, 48, 5623-5625.	1.9	23
87	Coordination Networks from $Cu$ Cations and Tetrakis(methylthio)benzenedicarboxylic Acid: Tunable Bonding Patterns and Selective Sensing for $NH_3$ Gas. <i>Inorganic Chemistry</i> , 2010, 49, 10191-10198.	1.9	23
88	Air oxygenation chemistry of 4-TBC catalyzed by chloro bridged dinuclear copper( $\langle scp \rangle$ ) complexes of pyrazole based tridentate ligands: synthesis, structure, magnetic and computational studies. <i>Dalton Transactions</i> , 2013, 42, 1879-1892.	1.6	23
89	Ligand dependent self-assembly of hydroxido-bridged dicopper units templated by sodium ion. <i>Dalton Transactions</i> , 2013, 42, 12495.	1.6	22
90	Molecular Magnetism: A Multidisciplinary Field of Research. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 305, 1-16.	0.3	21

#	ARTICLE	IF	CITATIONS
91	Series of M <sup>I</sup> [Co(bpy) <sub>3</sub> ] [Mo(CN) <sub>8</sub> ]·nH <sub>2</sub> O (M <sup>I</sup> = Li (1), K (2), Rb (3), Cs (4); n = 7-8) Exhibiting Reversible Diamagnetic to Paramagnetic Transition Coupled with Dehydration/Rehydration Process. <i>Inorganic Chemistry</i> , 2010, 49, 2765-2772.	1.9	21
92	Thermally and photo-induced spin crossover behaviour in an Fe(II) imidazolylimine complex: [FeL <sub>3</sub> ](ClO <sub>4</sub> ) <sub>2</sub> . <i>Dalton Transactions</i> , 2012, 41, 12720.	1.6	21
93	Irradiation Temperature Dependence of the Photomagnetic Mechanisms in a Cyanido-Bridged Cu <sup>II</sup> <sub>2</sub> Mo <sup>IV</sup> Trinuclear Molecule. <i>Inorganic Chemistry</i> , 2018, 57, 8137-8145.	1.9	21
94	Molecule-based magnets with a fully interlocked three-dimensional structure. <i>Synthetic Metals</i> , 2001, 122, 559-567.	2.1	19
95	Reversible photomagnetic properties of the molecular compound [Cull(bipy) <sub>2</sub> ] <sub>2</sub> [Mo <sup>IV</sup> (CN) <sub>8</sub> ]·9H <sub>2</sub> O·CH <sub>3</sub> OH. <i>Comptes Rendus Chimie</i> , 2008, 11, 665-672.	0.2	18
96	Two-dimensional assembly of [Mn <sup>III</sup> 2Mn <sup>II</sup> 2] single-molecule magnets and [Cu(pic) <sub>2</sub> ] linking units (Hpic =) <i>Tj ETQq 0 0 rgBT /Overlock 18</i>	1.6	18
97	Direct crystallographic evidence of the reversible photo-formation and thermo-rupture of a coordination bond inducing spin-crossover phenomenon. <i>Chemical Communications</i> , 2017, 53, 11588-11591.	2.2	18
98	[OsF <sub>6</sub> ] <sup>-</sup> : Molecular Models for Spin-Orbit Entangled Phenomena. <i>Chemistry - A European Journal</i> , 2017, 23, 11244-11248.	1.7	18
99	Optical and magnetic properties of the photo-induced state in the coordination network Na <sub>2</sub> Co <sub>4</sub> [Fe(CN) <sub>6</sub> ] <sub>3</sub> ·14H <sub>2</sub> O. <i>New Journal of Chemistry</i> , 2009, 33, 1255.	1.4	17
100	Spectroscopic and Magnetic Properties of the Metastable States in the Coordination Network [Co(prm) <sub>2</sub> ] <sub>2</sub> {Co(H <sub>2</sub> O) <sub>2</sub> }{W(CN) <sub>8</sub> }]·4H <sub>2</sub> O (prm = pyrimidine). <i>Inorganic Chemistry</i> , 2012, 51, 2852-2859.	1.9	17
101	A fluorous copper(II) carboxylate complex which magnetically and reversibly responds to humidity in the solid state. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 49-55.	0.9	16
102	Mononuclear Fe(II) Complexes Based on the Methylpyrazinyl-Diamine Ligand: Chemical, Thermo- and Photocontrol of Their Magnetic Switchability. <i>Inorganic Chemistry</i> , 2017, 56, 12148-12157.	1.9	16
103	Room-Temperature Magnetic Bistability in a Salt of Organic Radical Ions. <i>Journal of the American Chemical Society</i> , 2021, 143, 15912-15917.	6.6	16
104	Optical Absorption Spectroscopy of the Tetranuclear Compound [Mn{Cu(oxpn)} <sub>3</sub> ](ClO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O (oxpn) <i>Tj ETQq 0 0 rgBT /Overlock 15</i>	1.9	15
105	Binuclear copper(II) complexes with N <sub>3</sub> S-coordinate tripodal ligand and mixed azide-carboxylate bridges: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2017, 122, 210-218.	1.0	15
106	A supramolecular porous material comprising Fe(mesocates) mesocates. <i>Chemical Communications</i> , 2018, 54, 13391-13394.	2.2	15
107	Magnetic anisotropy and metamagnetic behaviour of the bimetallic chain MnNi(NO <sub>2</sub> ) <sub>4</sub> (en) <sub>2</sub> (en =) <i>Tj ETQq 1 1 0.784314 rgBT /Overlock 14</i>	0.7	14
108	Azido, Cyanato, and Thiocyanato Coordination Induced Distortions in Pentacoordinated [Co <sup>II</sup> A(bip)] <sub>2</sub> (A = NCS <sup>-</sup> , N <sub>3</sub> <sup>-</sup> , or) <i>Tj ETQq 0 0 rgBT /Overlock 10</i>	1.0	10

#	ARTICLE	IF	CITATIONS
109	New bidimensional honeycomb $\text{Co}^{\text{II}}$ and brick wall $\text{Fe}^{\text{II}}$ $\text{Co}^{\text{III}}$ cyanido-bridged coordination polymers: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2014, 75, 146-152.	1.0	14
110	Microscopic model for photoinduced magnetism in the molecular complex $[\text{Mo}(\text{IV})(\text{CN})_2(\text{CN}^{\sim}\text{CuL})_6]^{8+}$ perchlorate. <i>Physical Review B</i> , 2006, 73, .	1.1	13
111	A kinetic model for photoswitching of magnetism in the high spin molecule $[\text{Mo}(\text{IV})(\text{CN})_2(\text{CN}^{\sim}\text{Cu}(\text{ii})(\text{tren}))_6](\text{ClO}_4)_8$ . <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 5469.	1.3	13
112	A dodecanuclear copper(II) cage self-assembled from six dicopper building units. <i>Dalton Transactions</i> , 2014, 43, 4076-4085.	1.6	13
113	$\text{Cr}(\text{pyrazine})_2(\text{OSO}_2\text{CH}_3)_2$ : A two-dimensional coordination polymer with an antiferromagnetic ground state. <i>Polyhedron</i> , 2018, 153, 248-253.	1.0	13
114	Self-assembly of a pentanuclear $\{\text{Cu}_5\}$ complex resulting from the trapping of a $\text{Cu}^{2+}$ ion by two $\{\text{Cu}_2\}$ building units. <i>Polyhedron</i> , 2013, 54, 196-200.	1.0	12
115	Self-Assembly Synthesis of a $[\text{2}]$ Catenane $\text{Co}^{\text{II}}$ Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
116	Cyanide-bridged tetradecanuclear $\text{Ru}^{\text{III}}\text{M}^{\text{II}}\text{11}$ clusters ( $\text{M}^{\text{II}} = \text{Zn}^{\text{II}}$ and $\text{Cu}^{\text{II}}$ ) based on the high connectivity building block $[\text{Ru}_3(\text{HAT})(\text{CN})_{12}]^{6+}$ : structural and photophysical properties. <i>Chemical Communications</i> , 2008, , 4460.	2.2	11
117	Large Orbital Magnetic Moment Measured in the $[\text{TpFe}^{\text{III}}(\text{CN})_3]^{+}$ Precursor of Photomagnetic Molecular Prussian Blue Analogues. <i>Inorganic Chemistry</i> , 2016, 55, 6980-6987.	1.9	11
118	Photochromic Performance of Two $\text{Cu}(\text{II})$ -One-Dimensional Solvatomorphs Controlled by Intermolecular Interactions. <i>Crystal Growth and Design</i> , 2016, 16, 4026-4033.	1.4	11
119	Varied spin crossover behaviour in a family of dinuclear $\text{Fe}(\text{II})$ triple helicate complexes. <i>Dalton Transactions</i> , 2018, 47, 7965-7974.	1.6	11
120	Experimental and theoretical insights into the photomagnetic effects in trinuclear and ionic $\text{Cu}(\text{II})$ - $\text{Mo}(\text{IV})$ systems. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 771-783.	3.0	10
121	Direct $\text{C}^{\sim}\text{N}$ Coupling in an in Situ Ligand Transformation and the Self-Assembly of a Tetrametallic $[\text{Ni}^{\text{II}}]_4$ Staircase. <i>Inorganic Chemistry</i> , 2015, 54, 5136-5138.	1.9	9
122	Spectroscopic Determination of Magnetic Exchange Parameters and Structural Geometry for Trinuclear Compounds: $(\text{CuL})_2\text{Mn}^{\text{II}}\text{B}$ ( $\text{L} = \text{N}-(4\text{-Methyl-6-oxo-3-azahept-4-enyl})\text{oxamate}$ and $\text{B} = (\text{CH}_3)_2\text{SO}$ ) $[\text{Cu}_2\text{Mn}(\text{L})_4(\text{B})_2]^{2+}$	1.5	8
123	Specific heat of spin ladder lanthanide and transition-metal-based molecular magnets. <i>Polyhedron</i> , 2001, 20, 1447-1450.	1.0	8
124	New Photomagnetic Ionic Salts Based on $[\text{MoIV}(\text{CN})_8]^{4-}$ and $[\text{WIV}(\text{CN})_8]^{4-}$ Anions. <i>Magnetochemistry</i> , 2021, 7, 97.	1.0	8
125	Solvent Dependent Spin-Crossover and Photomagnetic Properties in an Imidazolylimine $\text{Fe}^{\text{II}}$ Complex. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2225-2229.	1.7	7
126	Chiral $(\text{LH})_2$ $\text{Cu}_3$ Trinuclear Paramagnetic Nodes in Octacyanidometalate-Bridged Helical Chains. <i>Inorganic Chemistry</i> , 2014, 53, 3874-3879.	1.9	6



#	ARTICLE	IF	CITATIONS
127	Synthesis, structure and magnetic properties of dinuclear cobalt-tetraoxolene complexes with bidentate terminal ligands. <i>Polyhedron</i> , 2018, 144, 152-157.	1.0	6
128	Photoinduced effects on the magnetic properties of the $(\text{Fe}_{0.2}\text{Cr}_{0.8})_{1.5}[\text{Cr}(\text{CN})_6]$ Prussian blue analogue. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2305-2317.	2.7	6
129	Photoinduced Mo~CN Bond Breakage in Octacyanomolybdate Leading to Spin Triplet Trapping. <i>Angewandte Chemie</i> , 2020, 132, 3141-3145.	1.6	5
130	Magnetic pole reversal and thermal hysteresis in molecule-based magnets with a fully interlocked structure. <i>Polyhedron</i> , 2001, 20, 1761-1769.	1.0	4
131	Size Effect on Local Magnetic Moments in Ferrimagnetic Molecular Complexes: An XMCD Investigation. <i>Monatshefte für Chemie</i> , 2003, 134, 277-284.	0.9	4
132	Aqua bridge cleavage and metal ion extrusion by thiocyanate anions in a dicopper complex. <i>Inorganica Chimica Acta</i> , 2011, 370, 108-116.	1.2	4
133	Polyalcohols as ancillary ligands in manganese oxime chemistry: Syntheses, structures and magnetic properties of a series of trinuclear complexes involving a linear Mn~Mn~Mn core. <i>Polyhedron</i> , 2012, 33, 353-359.	1.0	4
134	Slow Dynamics of the Spin~Crossover Process in an Apparent High~Spin Mononuclear Fe II Complex. <i>Angewandte Chemie</i> , 2019, 131, 19064-19067.	1.6	4
135	Synthesis, structural and magnetic characterizations of new complexes of di-2,6-(2-pyridylcarbonyl)pyridine (pyCOpyCOpy) ligand. <i>Polyhedron</i> , 2013, 64, 294-303.	1.0	3
136	Solution-State Spin Crossover in a Family of $[\text{Fe}(\text{L})_2(\text{CH}_3\text{CN})_2](\text{BF}_4)_2$ Complexes. <i>Magnetochemistry</i> , 2019, 5, 22.	1.0	3
137	Pressure response of the bimetallic chain compound $\text{MnNi}(\text{NO}_2)_4(\text{en})_2$ ; en=ethylenediamine. <i>Polyhedron</i> , 2005, 24, 2413-2416.	1.0	2
138	Ligand exchange reaction in open-face $[\text{Cu}_4(\mu_3\text{-OH})_2]$ cubane aggregates: Synthesis, structural change and difference in magnetic interactions. <i>Polyhedron</i> , 2018, 146, 136-144.	1.0	2
139	Long-Range Magnetic Ordering and Bistability in Molecular Magnetism. , 1996, , 531-553.		2
140	Linking magnetic $\text{M}^{\text{II}} \rightarrow \text{M}^{\text{V}}(\text{CN})_8$ chains into 2D inorganic~organic hybrid materials. <i>CrystEngComm</i> , 2015, 17, 4533-4539.	1.3	1
141	Structural and Magnetic Studies of Novel 1-D Cyanido-bridged $[\text{Cu}^{\text{II}}(\text{Me}_2\text{en})][\text{Cu}^{\text{II}}(\text{Me}_2\text{en})_2][\text{Mo}^{\text{IV}}(\text{CN})_8]_6\text{H}_2\text{O}$ Towards rationalizing photoswitchable behavior of $\text{Cu}^{\text{II}}$		
142	$\text{Cu}^{\text{II}} \rightarrow \text{Cu}^{\text{I}}$ transition in $[\text{Cu}^{\text{II}}(\text{Me}_2\text{en})][\text{Cu}^{\text{II}}(\text{Me}_2\text{en})_2][\text{Mo}^{\text{IV}}(\text{CN})_8]_6\text{H}_2\text{O}$ complex. <i>CrystEngComm</i> , 2019, 19, 1000-1008.	1.0	1
143	Microscopic model for superexchange interactions and photomagnetism in binuclear transition metal complexes. <i>Phase Transitions</i> , 2006, 79, 637-654.	0.6	0
144	Light-Induced Excited Spin-State Trapping: A Methodological Approach. , 2019, , 198-198.		0

#	ARTICLE	IF	CITATIONS
145	Size Effect on Local Magnetic Moments in Ferrimagnetic Molecular Complexes: An XMCD Investigation. , 2002, , 161-168.		0
146	Ferrimagnetic Mixed-Valency and Mixed-Metal Tris(oxalato)iron(III) Compounds: Synthesis, Structure, and Magnetism. , 2007, , 469-474.		0
147	Self-assembly synthesis of a [2]catenane Co(II) single-molecule magnet. Angewandte Chemie, 0, , .	1.6	0
148	Impact of Positional Isomers on the Selective Isolation of <i>cis</i> - <i>trans</i> Isomers in Cobalt-Dioxolene Chemistry and Solvation Effects on the Valence Tautomerism in the Solid State. Crystal Growth and Design, 2022, 22, 993-1004.	1.4	0