

Miguel Julve

List of Publications by Year in descending order

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84
h-index

15266

126
g-index

591
all docs

591
docs citations

591
times ranked

9345
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin Crossover in a Catenane Supramolecular System. <i>Science</i> , 1995, 268, 265-267.	12.6	610
2	Magnetic properties of six-coordinated high-spin cobalt(II) complexes: Theoretical background and its application. <i>Inorganica Chimica Acta</i> , 2008, 361, 3432-3445.	2.4	555
3	Design of single chain magnets through cyanide-bearing six-coordinate complexes. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2691-2729.	18.8	417
4	Slow Dynamics of the Magnetization in One-Dimensional Coordination Polymers: Single-Chain Magnets. <i>Inorganic Chemistry</i> , 2009, 48, 3420-3437.	4.0	365
5	Field-Induced Slow Magnetic Relaxation in a Six-Coordinate Mononuclear Cobalt(II) Complex with a Positive Anisotropy. <i>Journal of the American Chemical Society</i> , 2012, 134, 15704-15707.	13.7	358
6	Cyanide-Bridged Iron(III)-Cobalt(II) Double Zigzag Ferromagnetic Chains: Two New Molecular Magnetic Nanowires. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1483-1486.	13.8	353
7	Design of μ -oxalato copper(II) binuclear complexes exhibiting expected magnetic properties. <i>Inorganic Chemistry</i> , 1984, 23, 3808-3818.	4.0	287
8	Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpoint†. <i>Coordination Chemistry Reviews</i> , 2017, 339, 17-103.	18.8	279
9	Spin Polarization and Ferromagnetism in Two-Dimensional Sheetlike Cobalt(II) Polymers: [Co(L) ₂ (NCS) ₂] (L=Pyrimidine or Pyrazine). <i>Angewandte Chemie - International Edition</i> , 1998, 37, 135-138.	13.8	257
10	[Fe(bpym)(CN) ₄]-: A New Building Block for Designing Single-Chain Magnets. <i>Journal of the American Chemical Society</i> , 2006, 128, 4842-4853.	13.7	248
11	Ligand design for multidimensional magnetic materials: a metallosupramolecular perspective. <i>Dalton Transactions</i> , 2008, , 2780.	3.3	244
12	Ferromagnetism in Malonato-Bridged Copper(II) Complexes. Synthesis, Crystal Structures, and Magnetic Properties of {[Cu(H ₂ O) ₃][Cu(mal) ₂ (H ₂ O)]}n and {[Cu(H ₂ O) ₄] ₂ [Cu(mal) ₂ (H ₂ O)]}[Cu(mal) ₂ (H ₂ O) ₂]{[Cu(H ₂ O) ₄][Cu(mal) ₂ (H ₂ O) ₂]}. (H ₂ mal = malonic Acid). <i>Inorganic Chemistry</i> , 2000, 39, 1363-1370.	4.0	218
13	Crystal Structures and Magnetic Properties of Two Octacyanotungstate(IV) and (V)-Cobalt(II) Three-Dimensional Bimetallic Frameworks. <i>Inorganic Chemistry</i> , 2003, 42, 7052-7059.	4.0	203
14	Coordination chemistry of N,N'-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes. <i>Coordination Chemistry Reviews</i> , 1999, 193-195, 1069-1117.	18.8	187
15	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2281-2296.	18.8	178
16	Synthesis, crystal structure, and magnetic properties of (μ -bipyrimidine)(cyanato)copper(II) and -(thiocyanato)copper(II) complexes. <i>Inorganic Chemistry</i> , 1993, 32, 795-802.	4.0	172
17	Influence of the Peripheral Ligand Atoms on the Exchange Interaction in Oxalato-Bridged Nickel(II) Complexes: An Orbital Model. Crystal Structures and Magnetic Properties of (H ₃ dien) ₂ [Ni ₂ (ox) ₅] \cdot 12H ₂ O and [Ni ₂ (dien) ₂ (H ₂ O) ₂ (ox)]Cl ₂ . <i>Inorganic Chemistry</i> , 1996, 35, 3741-3751.	4.0	171
18	An Azide-Bridged Copper(II) Ferromagnetic Chain Compound Exhibiting Metamagnetic Behavior. <i>Inorganic Chemistry</i> , 1997, 36, 3301-3306.	4.0	162

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19	Ability of terephthalate (ta) to mediate exchange coupling in ta-bridged copper(II), nickel(II), cobalt(II) and manganese(II) dinuclear complexes. Journal of the Chemical Society Dalton Transactions, 1997, , 1915-1924.	1.1	157
20	Crystal Structures and Magnetic Properties of Novel [LnIII CuII4] (Ln = Gd, Dy, Ho) Pentanuclear Complexes. Topology and Ferromagnetic Interaction in the LnIII-CuII Pair. Inorganic Chemistry, 1996, 35, 7384-7393.	4.0	155
21	Cyanide-bridged Fe(III)-Co(II) bis double zigzag chains with a slow relaxation of the magnetisation. Chemical Communications, 2003, , 1850-1851.	4.1	154
22	Coordination modes of the squarate ligand: syntheses and crystal structures of six copper(II) squarate complexes. Inorganic Chemistry, 1990, 29, 775-784.	4.0	153
23	Syntheses, Crystal Structures, and Magnetic Properties of One-Dimensional Oxalato-Bridged Co(II), Ni(II), and Cu(II) Complexes with n-Aminopyridine (n = 2-4) as Terminal Ligand. Inorganic Chemistry, 2001, 40, 5526-5535.	4.0	151
24	Ferromagnetic Coupling through Spin Polarization in a Dinuclear Copper(II) Metallacyclophane. Angewandte Chemie - International Edition, 2001, 40, 3039-3042.	13.8	150
25	Field-Induced Hysteresis and Quantum Tunneling of the Magnetization in a Mononuclear Manganese(III) Complex. Angewandte Chemie - International Edition, 2013, 52, 14075-14079.	13.8	150
26	2,2'-Bipyrimidineoxalatocopper(II) Complexes: From the Mononuclear Complex to the 2D Sheetlike Polymer. Angewandte Chemie International Edition in English, 1993, 32, 613-615.	4.4	148
27	A tetranuclear hydroxo-bridged copper(II) cluster of the cubane type. Preparation and structural and magnetic characterization of tetrakis[(2,2'-bipyridyl)hydroxocopper(II)] hexafluorophosphate. Inorganic Chemistry, 1990, 29, 5054-5058.	4.0	147
28	Oxalato-bridged and related dinuclear copper(II) complexes: theoretical analysis of their structures and magnetic coupling. Inorganic Chemistry, 1990, 29, 4500-4507.	4.0	146
29	Molecular topology exchange interaction: synthesis and magnetic properties of [Cu(II)3M(II)] (M =)	4.0	145
30	On/Off Photoswitching in a Cyanide-Bridged {Fe ₂ Co ₂ } Magnetic Molecular Square. Journal of the American Chemical Society, 2013, 135, 1653-1656.	13.7	143
31	Syntheses, crystal structures and magnetic properties of copper(II) dicyanamide complexes; dinuclear, chain and ladder compounds. Dalton Transactions RSC, 2002, , 566-574.	2.3	140
32	Structural versatility of the malonate ligand as a tool for crystal engineering in the design of molecular magnets. CrystEngComm, 2002, 4, 522-535.	2.6	136
33	Cobalt(II)-Copper(II) Bimetallic Chains as a New Class of Single-Chain Magnets. Advanced Materials, 2004, 16, 1597-1600.	21.0	135
34	Oxalate and 2,2'-Bipyrimidine as Useful Tools in Designing Layered Compounds. Inorganic Chemistry, 1995, 34, 408-411.	4.0	134
35	Copper(II), a chemical Janus: two different (oxalato)(bipyridyl)copper(II) complexes in one single crystal. Structure and magnetic properties. Journal of the American Chemical Society, 1984, 106, 8306-8308.	13.7	132
36	Weak Ferromagnetism in Chiral 3-Dimensional Oxalato-Bridged Cobalt(II) Compounds. Crystal Structure of [Co(bpy) ₃][Co ₂ (ox) ₃]ClO ₄ . Inorganic Chemistry, 1998, 37, 4131-4135.	4.0	132

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37	Crystal structure and magnetic properties of the flexible self-assembled two-dimensional square network complex $[\text{Cu}_2(\text{mal})_2(\text{H}_2\text{O})_2(4,4'\text{-bpy})]$ (H_2mal =malonic acid and $4,4'\text{-bpy}$ =4,4'-bipyridine). <i>Inorganica Chimica Acta</i> , 2001, 318, 159-165.	2.4	132
38	Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. <i>Advanced Materials</i> , 2012, 24, 5625-5629.	21.0	131
39	Magnetic Coupling through the Carbon Skeleton of Malonate in Two Polymorphs of $\{[\text{Cu}(\text{bpy})(\text{H}_2\text{O})][\text{Cu}(\text{bpy})(\text{mal})(\text{H}_2\text{O})]\}(\text{ClO}_4)_2$ (H_2mal = Malonic Acid; bpy = 2,2'-Bipyridine). <i>Inorganic Chemistry</i> , 2000, 39, 3845-3852.	4.0	129
40	Exchange interaction through extended molecular bridges: magnetic properties of μ_4 -4,4'-bipyridine and μ_4 -pyrazine copper(II) binuclear complexes and crystal structures of $(\mu_4$ -4,4'-bipyridine) $[\text{bis}[(\text{diethylenetriamine})(\text{perchlorato})\text{copper}(\text{II})]]$ perchlorate and aquo($4,4'$ -bipyridine)(diethylenetriamine)copper(II) perchlorate. <i>Inorganic Chemistry</i> , 1987, 26, 3520-3527.	4.0	128
41	Ferromagnetic Coupling between Low- and High-Spin Iron(III) Ions in the Tetranuclear Complex $[\text{Fe}(\text{H}_2\text{O})_6\{\text{HB}(\text{pz})_3\}(\text{CN})_2(\text{CN})_3] \cdot 3\text{Fe}(\text{H}_2\text{O})_6 \cdot 6\text{H}_2\text{O}$ ($[\text{HB}(\text{pz})_3]^-$ = Hydrotris(1-pyrazolyl)borate). <i>Inorganic Chemistry</i> , 2002, 41, 5943-5945.	4.0	124
42	Azido and 2,2'-Bipyrimidine Ligands as Useful Tools in Designing Two- and Three-Dimensional Manganese(II) Networks. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1807-1810.	4.4	122
43	Ferromagnetic Coupling in the Three-Dimensional Malonate-Bridged Gadolinium(III) Complex $[\text{Gd}_2(\text{mal})_3(\text{H}_2\text{O})_6]$ (H_2mal = Malonic Acid). <i>Inorganic Chemistry</i> , 2003, 42, 5456-5458.	4.0	122
44	Design of High-Dimensional Copper(II) Malonate Complexes with Exo-Polydentate N-Donor Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 5938-5948.	4.0	119
45	Crystal structure and magnetic properties of bis(isothiocyanato)bis(pyrazine)iron polymer, a 2D sheetlike polymer. <i>Inorganic Chemistry</i> , 1991, 30, 2701-2704.	4.0	118
46	2,2'-Bipyrimidine (bipym)-bridged dinuclear complexes. Part 4. Synthesis, crystal structure and magnetic properties of $[\text{CO}_2(\text{H}_2\text{O})_8(\text{bipym})][\text{NO}_3]_4$, $[\text{CO}_2(\text{H}_2\text{O})_8(\text{bipym})][\text{SO}_4]_2 \cdot 2\text{H}_2\text{O}$ and $[\text{CO}_2(\text{bipym})_3(\text{NCS})_4]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1175-1183.	1.1	117
47	EXAFS structure and magnetic properties of a Cu(II) oxalato mixed linear chain. <i>Inorganic Chemistry</i> , 1983, 22, 2624-2629.	4.0	113
48	$[\text{Fe}(\text{LSCo})_2]^{2+}$ $[\text{Fe}(\text{LSCo})_2]^{2+}$ photoinduced conversion in a cyanide-bridged heterobimetallic molecular square. <i>Chemical Communications</i> , 2010, 46, 8995.	4.1	113
49	Synthesis, Crystal Structure, and Magnetic Properties of Tetraphenylarsonium Tetrachloro(oxalato)rhenate(IV) and Bis(2,2'-bipyridine)tetrachloro(μ_4 -oxalato)copper(II)rhenium(IV). <i>Inorganic Chemistry</i> , 1999, 38, 4745-4752.	4.0	111
50	Three one-dimensional systems with end-to-end dicyanamide bridges between copper(II) centres: structural and magnetic properties. <i>Dalton Transactions RSC</i> , 2002, , 3164-3170.	2.3	110
51	Selective Gas and Vapor Sorption and Magnetic Sensing by an Isorecticular Mixed-Metal Organic Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 15301-15304.	13.7	109
52	Synthesis, structure, and magnetic properties of μ_2 -2,2'-bipyrimidine- N,N',N'',N''' -copper(II) complexes. <i>Inorganic Chemistry</i> , 1988, 27, 3160-3165.	4.0	108
53	Alternating Ferro- and Antiferromagnetic Interactions in Unusual Copper(II) Chains. <i>Inorganic Chemistry</i> , 1995, 34, 157-165.	4.0	108
54	$[\text{Fe}(\text{Phen})(\text{CN})_4] \cdot \text{A}$ A Versatile Building Block for the Design of Heterometallic Systems. Crystal Structures and Magnetic Properties of $\text{PPh}_4[\text{Fe}(\text{Phen})(\text{CN})_4] \cdot 2\text{H}_2\text{O}$ and $[\{\text{Fe}(\text{Phen})(\text{CN})_4\}_2\text{M}(\text{H}_2\text{O})_2] \cdot 4\text{H}_2\text{O}$ [Phen = 1,10-Phenanthroline; M = Mn(II) and Zn(II)]. <i>Inorganic Chemistry</i> , 2001, 40, 2065-2072.	4.0	107

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55	Tunable exchange interaction in μ -oxalato copper(II) dinuclear complexes. <i>Inorganic Chemistry</i> , 1983, 22, 368-370.	4.0	106
56	Ligand Design for Heterobimetallic Single-Chain Magnets: Synthesis, Crystal Structures, and Magnetic Properties of $MIIICuII$ ($M=Mn, Co$) Chains with Sterically Hindered Methyl-Substituted Phenylloxamate Bridging Ligands. <i>Chemistry - A European Journal</i> , 2007, 13, 2054-2066.	3.3	105
57	Malonate-based copper(II) coordination compounds: ferromagnetic coupling controlled by dicarboxylates. <i>Polyhedron</i> , 2003, 22, 2143-2153.	2.2	104
58	Long-Range Magnetic Coupling through Extended π -Conjugated Aromatic Bridges in Dinuclear Copper(II) Metallacyclophanes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10770-10771.	13.7	103
59	Synthesis, crystal structure and magnetic properties of two-dimensional malonato-bridged cobalt(II) and nickel(II) compounds. <i>CrystEngComm</i> , 2004, 6, 106-111.	2.6	103
60	Oxamate-based coordination polymers: recent advances in multifunctional magnetic materials. <i>Chemical Communications</i> , 2014, 50, 7569-7585.	4.1	103
61	mer-[$FeIII(bpca)(CN)3$]-: A New Low-Spin Iron(III) Complex to Build Heterometallic Ladder-like Chains. <i>Inorganic Chemistry</i> , 2004, 43, 2234-2236.	4.0	101
62	1,2,4,5-Benzenetetracarboxylate- and 2,2'-Bipyrimidine-Containing Cobalt(II) Coordination Polymers: Preparation, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2008, 47, 3568-3576.	4.0	101
63	Highly Anisotropic Rhenium(IV) Complexes: New Examples of Mononuclear Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2013, 135, 13737-13748.	13.7	101
64	Ferromagnetic Coupling Through the End-to-End Thiocyanate Bridge in Cobalt(II) and Nickel(II) Chains. <i>Crystal Growth and Design</i> , 2015, 15, 2380-2388.	3.0	99
65	Postsynthetic Improvement of the Physical Properties in a Metal-Organic Framework through a Single Crystal to Single Crystal Transmetalation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6521-6525.	13.8	98
66	[$Fe(bipy)(CN)4$]- as a Versatile Building Block for the Design of Heterometallic Systems: Synthesis, Crystal Structure, and Magnetic Properties of $PPh4[FeIII(bipy)(CN)4] \cdot H2O$, $[{FeIII(bipy)(CN)4}2MII(H2O)4] \cdot 4H2O$, and $[{FeIII(bipy)(CN)4}2ZnII] \cdot 2H2O$ [$bipy = 2,2'$ -Bipyridine; $M = Mn$ and Zn]. <i>Inorganic Chemistry</i> , 2002, 41, 818-826.	4.0	95
67	Nuclearity Controlled Cyanide-Bridged Bimetallic $CrIII-MnII$ Compounds: Synthesis, Crystal Structures, Magnetic Properties and Theoretical Calculations. <i>Chemistry - A European Journal</i> , 2004, 10, 6130-6145.	3.3	94
68	Crystal structure and magnetic properties of manganese-copper complex $MnCu(obbz)(H2O)3 \cdot DMF$ ($obbz = N,N'$ -oxamidobis(benzoato) and $DMF =$ dimethylformamide), a precursor of the molecular-based magnet $MnCu(obbz) \cdot H2O$ with $Tc = 14$ K. <i>Inorganic Chemistry</i> , 1993, 32, 27-31.	4.0	93
69	Stabilization of copper(III) complexes by substituted oxamate ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 781-790.	1.1	92
70	Novel Chiral Three-Dimensional Iron(III) Compound Exhibiting Magnetic Ordering at $Tc = 40$ K. <i>Inorganic Chemistry</i> , 2002, 41, 2007-2013.	4.0	92
71	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(II)-methylmalonate layers. <i>CrystEngComm</i> , 2007, 9, 478-487.	2.6	92
72	The azido ligand: a useful tool in designing chain compounds exhibiting alternating ferro- and antiferro-magnetic interactions. <i>Chemical Communications</i> , 1997, , 1195-1196.	4.1	91

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73	Bis(oxalato)chromium(III) complexes: Versatile tectons in designing heterometallic coordination compounds. <i>Coordination Chemistry Reviews</i> , 2011, 255, 161-185.	18.8	91
74	[Cr(phen)(ox) ₂]: a versatile bis-oxalato building block for the design of heteropolymetallic systems. Crystal structures and magnetic properties of AsPh ₄ [Cr(phen)(ox) ₂]·H ₂ O, [NaCr(phen)(ox) ₂ (H ₂ O)]·2H ₂ O and {[Cr(phen)(ox) ₂] ₂ [Mn ₂ (bpy) ₂ (H ₂ O) ₂ (ox)]}·6H ₂ O. <i>New Journal of Chemistry</i> , 2000, 24, 527-536.	2.8	90
75	Intermolecular Proton Transfer in Solid Phase: A Rare Example of Crystal-to-Crystal Transformation from Hydroxo- to Oxo-Bridged Iron(III) Molecule-Based Magnet. <i>Journal of the American Chemical Society</i> , 2005, 127, 10778-10779.	13.7	90
76	Syntheses, crystal structures and magnetic properties of chromato-, sulfato-, and oxalato-bridged dinuclear copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 846-854.	2.4	89
77	Two- and Three-Dimensional Networks of Gadolinium(III) with Dicarboxylate Ligands: Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2006, 45, 10585-10594.	4.0	89
78	Syntheses, crystal structures and magnetic properties of copper(II) polynuclear and dinuclear compounds with 2,3-bis(2-pyridyl)pyrazine (dpp) and pseudohalide as ligands. <i>Inorganica Chimica Acta</i> , 2001, 325, 115-124.	2.4	88
79	Structural, Spectral, and Magnetic Properties of End-to-End Di- μ -thiocyanato-Bridged Polymeric Complexes of Ni(II) and Co(II). X-ray Crystal Structure of Di- μ -thiocyanatobis(imidazole)nickel(II). <i>Inorganic Chemistry</i> , 2002, 41, 1771-1777.	4.0	88
80	Exchange interaction through a croconato bridge: synthesis, crystal structure, and magnetic properties of (μ -croconato)bis[bis(2-pyridyl)carbonyl]amido}copper(II) trihydrate. <i>Inorganic Chemistry</i> , 1992, 31, 1889-1894.	4.0	87
81	Ferromagnetic Coupling in a One-Dimensional Molecular Railroad Copper(II) Azido Compound Containing a Defective Double Cubane Motif. <i>Inorganic Chemistry</i> , 2001, 40, 3619-3622.	4.0	87
82	A Heterotetranuclear [NiIIReIV ₃] Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2006, 128, 14218-14219.	13.7	87
83	Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)-Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. <i>Chemistry - A European Journal</i> , 2012, 18, 1608-1617.	3.3	86
84	Crystal structure and magnetic properties of the single- μ -chloro copper(II) chain [Cu(bipy)Cl ₂] (bipy=2,2'-bipyridine). <i>Inorganica Chimica Acta</i> , 1999, 284, 258-265.	2.4	85
85	Unusual (μ -aqua)bis(μ -carboxylate) Bridge in Homometallic M(II) (M = Mn, Co and Ni) Two-Dimensional Compounds Based on the 1,2,3,4-Butanetetra-carboxylic Acid: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 7458-7465.	4.0	85
86	Photomagnetic effect in a cyanide-bridged mixed-valence {FeII ₂ FeIII ₂ } molecular square. <i>Chemical Communications</i> , 2012, 48, 5653.	4.1	84
87	Synthesis, crystal structure, magnetic properties, and thermodynamic and electrochemical studies of the binuclear complex [(μ -oxalato)bis(1,4,8,11-tetraazacyclotetradecane)nickel(II)] nitrate. <i>Inorganic Chemistry</i> , 1988, 27, 4174-4179.	4.0	83
88	Oxamidato complexes. 3. A study of the formation of homo- and heteropolymetallic Cu(II)H ₂ apoxM(II) complexes (H ₂ apox = N,N'-bis(3-aminopropyl)oxamide; M(II) = Mn, Co, Ni, Cu, Zn, Cd). Synthesis and crystal structure of [Cu ₂ (apox)(NCO) ₂]. <i>Inorganic Chemistry</i> , 1992, 31, 784-791.	4.0	81
89	Study of the Influence of the Bridge on the Magnetic Coupling in Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 11342-11351.	4.0	81
90	Ferromagnetic coupling in the malonato-bridged copper(II) chains [Cu(Im) ₂ (mal)] _n and [Cu(2-Melm) ₂ (mal)] _n (H ₂ mal = malonic acid, Im = imidazole and 2-Melm = 2-methylimidazole). <i>New Journal of Chemistry</i> , 2002, 26, 1624-1628.	2.8	80

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91	Malonic acid: a multi-modal bridging ligand for new architectures and properties on molecule-based magnets. Polyhedron, 2003, 22, 2111-2123.	2.2	80
92	Synthesis, crystal structures and magnetic properties of single and double cyanide-bridged bimetallic Fe ²⁺ /Cu ²⁺ zigzag chains. Dalton Transactions, 2004, , 2836.	3.3	78
93	Rational Enantioselective Design of Chiral Heterobimetallic Single-Chain Magnets: Synthesis, Crystal Structures and Magnetic Properties of Oxamato-Bridged M ^{II} /Cu ^{II} Chains (M=Mn, Co). Chemistry - A European Journal, 2011, 17, 12482-12494.	3.3	78
94	Oxamidato complexes. 5. Influence of the steric constraints on the complex formation between copper(II) and N,N'-(alkyl-substituted)oxamides. Synthesis and crystal structure of [Cu ₂ (mapox)(N ₃) ₂] _n		

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109	Sustainable carbon-carbon bond formation catalyzed by new oxamate-containing palladium(II) complexes in ionic liquids. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 102-108.	1.8	69
110	A study of the exchange interaction through phenolato, oximato and oxamidato bridges in MnII/CuII dimers. Crystal structure of [Cu(salen)Mn(hfa)2]. <i>Inorganica Chimica Acta</i> , 1993, 213, 261-268.	2.4	68
111	Ferrocene-containing chelating ligands. 1. Solution study, synthesis, crystal structure, and electronic properties of bis{N,N'-ethylenebis((ferrocenylmethyl)amine)}copper(II) nitrate. <i>Inorganic Chemistry</i> , 1993, 32, 1197-1203.	4.0	68
112	Synthesis and Magnetic Properties of a Tetranuclear Copper(II) Complex with a μ_4 -1,2,3,4-Squarato Coordination Mode. Crystal Structure of (μ_4 -1,2,3,4-Squarato)tetrakis[tris(2-aminoethyl)amine)copper(II)] Perchlorate. <i>Inorganic Chemistry</i> , 1995, 34, 4903-4909.	4.0	67
113	Magneto-Structural Effects of the Jahn-Teller Distortions on 2,2'-Bipyrimidine-, (bpm-) Bridged Dinuclear Copper(II) Complexes: Crystal Structures and Magnetic Properties of [Cu2(bpm)(H2O)4(SO4)2].n.3H2O and [Cu2(bpm)(H2O)8](SO4)2.2H2O. <i>Inorganic Chemistry</i> , 1995, 34, 2048-2053.	4.0	67
114	Synthesis, crystal structure and magnetic properties of the malonato-bridged bimetallic chain [Mn(II)Cu(II)(mal)2(H2O)4]·2H2O. <i>Inorganica Chimica Acta</i> , 2000, 298, 202-208.	2.4	67
115	1,2,4,5-Benzenetetracarboxylic Acid and 4,4'-Bipyridine as Ligands in Designing Low-Dimensional Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3873-3879.	2.0	67
116	Synthesis, Crystal Structures, and Magnetic Properties of a New Family of Heterometallic Cyanide-Bridged Fe ^{III} ₂ M ^{II} ₂ (M = Mn, Ni, and Co) Square Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 6250-6262.	4.0	67
117	Molecular Engineering To Control the Magnetic Interaction between Single-Chain Magnets Assembled in a Two-Dimensional Network. <i>Journal of the American Chemical Society</i> , 2012, 134, 15265-15268.	13.7	67
118	Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. <i>Chemical Science</i> , 2017, 8, 3694-3702.	7.4	67
119	Crystal structures and magnetic properties of uniform and alternating azido-bridged (2,2'-bipyridyl)copper(II) chains. <i>Inorganica Chimica Acta</i> , 1998, 282, 82-89.	2.4	66
120	2,2'-Bipyrimidine- and 2,3-bis(2-pyridyl)pyrazine-containing manganese(ii) compounds: structural and magnetic properties. <i>Dalton Transactions</i> , 2003, , 4626-4634.	3.3	66
121	2,2'-Bipyrimidine (bipym)-bridged dinuclear complexes. Part 1. Preparation, crystal structure, and magnetic properties of [Ni2(H2O)8(bipym)][NO3]4 and [Ni2(H2O)8(bipym)][SO4]2·2H2O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1179-1184.	1.1	65
122	Influence of the counterion on the coordinating properties of (2,2'-bipyridyl)bis(oxalato)chromate(III) anion: crystal structures and magnetic properties of AsPh4[Cr(bipy)(ox)2]·H2O and [NaCr(bipy)(ox)2(H2O)]·2H2O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3125-3132.	1.1	65
123	Synthesis, crystal structures and magnetic properties of cyanide- and phenolate-bridged [MIIINiII]2 tetranuclear complexes (M = Fe and Cr). <i>Dalton Transactions</i> , 2005, , 1357-1364.	3.3	65
124	Alternating cationic-anionic layers in the [MII(H2O)6][Cuii(mal)2(H2O)] complexes linked through hydrogen bonds (M = Mn, Co, Ni, Cu and Zn; H2mal = malonic acid). <i>CrystEngComm</i> , 2002, 4, 631-637.	2.6	64
125	Oxalate, squarate and croconate complexes with bis(2-pyrimidylcarbonyl)amidatecopper(II): synthesis, crystal structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2005, 358, 2292-2302.	2.4	64
126	Three-dimensional bimetallic octacyanidometalates [MIV{(1/4-CN)4MnII(H2O)2}2·4H2O]n (M = Nb, Mo, W): Synthesis, single-crystal X-ray diffraction and magnetism. <i>Comptes Rendus Chimie</i> , 2008, 11, 1192-1199.	0.5	64

#	ARTICLE	IF	CITATIONS
127	Structure and Magnetism of Dinuclear Copper(II) Metallacyclophanes with Oligoacenebis(oxamate) Bridging Ligands: A Theoretical Predictions on Wirelike Magnetic Coupling. <i>Journal of the American Chemical Society</i> , 2008, 130, 576-585.	13.7	64
128	Dinuclear and two- and three-dimensional gadolinium(III) complexes with mono- and dicarboxylate ligands: synthesis, structure and magnetic properties. <i>CrystEngComm</i> , 2009, 11, 2131.	2.6	64
129	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. <i>Coordination Chemistry Reviews</i> , 2015, 303, 110-138.	18.8	64
130	Oxamidato complexes. 1. A study of the formation of complexes between copper(II) and H ₂ pmax (H ₂ pmax = N,N'-bis(2-pyridylmethyl)oxamide). Synthesis, crystal structure, and magnetic properties of the alternating-chain compound [Cu ₂ (pmax)(H ₂ pmax)(H ₂ O) ₂](NO ₃) ₂ ·nH ₂ O. <i>Inorganic Chemistry</i> , 1989, 28, 3702-3706.	4.0	63
131	Mono-, di- and trinuclear 2,3,5,6-tetrakis(2-pyridyl)pyrazine (tppz)-containing copper(ii) complexes: syntheses, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2004, , 3997.	3.3	63
132	[W(bipy)(CN) ₆] ⁴⁻ : A Suitable Metalloligand in the Design of Heterotrimetallic Complexes. The First CuIIInIIWVTrinuclear Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 4906-4908.	4.0	63
133	Metamagnetic properties of a family of ferromagnetic alternating spin chains: bis(dimethylglyoximate)(carboxylato)manganese(III)copper(II). <i>Chemistry of Materials</i> , 1992, 4, 1150-1153.	6.7	62
134	Crystal structures and magnetic properties of the squarate-O ₁ ,On-bridged dinuclear copper(II) complexes [Cu ₂ (phen) ₄ (C ₄ O ₄)](CF ₃ SO ₃) ₂ ·nH ₂ O (n=2) and [Cu ₂ (bipy) ₄ (C ₄ O ₄)](CF ₃ SO ₃) ₂ ·nH ₂ O (n=3). <i>Inorganica Chimica Acta</i> , 1999, 287, 173-180.		62
135	Syntheses, crystal structures and magnetic properties of new oxalato-, croconato- and squarato-containing copper(ii) complexes Electronic supplementary information (ESI) available: Stereoview of the structure of compound 2 (Fig. S1) and X-ray data as described in the text. See http://www.rsc.org/suppdata/ni/b3/b301212n/ . <i>New Journal of Chemistry</i> , 2003, 27, 1775.	2.8	62
136	New Family of Thiocyanate-Bridged Re(IV)-SCN-M(II) (M = Ni, Co, Fe, and Mn) Heterobimetallic Compounds: Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2012, 51, 5737-5747.	4.0	62
137	Single ion magnet behaviour in a two-dimensional network of dicyanamide-bridged cobalt(II) ions. <i>Dalton Transactions</i> , 2015, 44, 2989-2992.	3.3	62
138	Solid state polymerization causing transition to a ferromagnetic state. Crystal structures and magnetic properties of [Cu ₂ (dpp)(H ₂ O)(dmsO)Cl ₄]·dmsO and [Cu ₂ (dpp)Cl ₄] _n (dpp = 2,3-bis(2-pyridyl)pyrazine). <i>Dalton Transactions RSC</i> , 2001, , 2487-2493.	2.3	61
139	Single-ion magnet behaviour in mononuclear and two-dimensional dicyanamide-containing cobalt(II) complexes. <i>Dalton Transactions</i> , 2016, 45, 10181-10193.	3.3	60
140	Synthesis and magnetic properties of binuclear iron(III) complexes with oxalate, 2,5-dihydroxy-1,4-benzoquinone dianion, and squarate as bridging ligands. Crystal structure of (μ ₂ -1,3-squarato)bis[(N,N'-ethylenebis(salicylideneaminato))(methanol)iron(III)]. <i>Inorganic Chemistry</i> , 1990, 29, 2232-2237.	4.0	59
141	New magnetic behaviour of honeycomb layered compounds. Crystal structures of [M ₂ (bipym)(N ₃) ₄](M) Tj ETQq1 1 0.784314 rgBT / Ov 4.1 59		59
142	One-dimensional oxalato-bridged copper(II) complexes with 3-hydroxypyridine and 2-amino-4-methylpyridine. <i>Inorganica Chimica Acta</i> , 2001, 315, 9-17.	2.4	59
143	Synthesis, crystal structure and magnetic properties of [Cu(bpym)(mal)(H ₂ O)]·6H ₂ O and [Cu ₂ (bpym)(mal) ₂ (H ₂ O) ₂]·4H ₂ O (bpym=2,2'-bipyrimidine, H ₂ mal=malonic acid). <i>Inorganica Chimica Acta</i> , 2001, 326, 20-26.	2.4	59
144	The flexibility of molecular components as a suitable tool in designing extended magnetic systems. <i>CrystEngComm</i> , 2002, 4, 440-446.	2.6	59

#	ARTICLE	IF	CITATIONS
145	Variation of the exchange interaction in oximate-bridged CuII/III dimers (Mf→Cu, Ni, Mn). Crystal structure of [Cu(pdmg)Cu(bipy)(H2O)2] (ClO4)2·H2O. <i>Inorganica Chimica Acta</i> , 1994, 219, 179-186.	2.4	58
146	Ferromagnetic Coupling in the Bis(1/4-end-on-azido)iron(III) Dinuclear Complex Anion of [FeII(bpym)3]2[Fe2III(N3)10]·2H2O. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1459-1461.	4.4	58
147	Heterotetranuclear Oxalato-Bridged Re^{IV}₃M^{II} (M = Mn, Fe, Co, Ni). <i>Tj ETQq1 1 0.784314 rgBT</i> 4.0 58	4.0	58
148	Synthesis, Crystal Structures and Magnetic Properties of M^{II}Cu^{II} Chains (M=Mn and Co) with Sterically Hindered Alkyl-Substituted Phenyloxamate Bridging Ligands. <i>Chemistry - A European Journal</i> , 2011, 17, 2176-2188.	3.3	58
149	Dicopper(II) Metallacyclophanes as Multifunctional Magnetic Devices: A Joint Experimental and Computational Study. <i>Accounts of Chemical Research</i> , 2015, 48, 510-520.	15.6	58
150	Towards multifunctional magnetic systems through molecular-programmed self assembly of Re(IV) metalloligands. <i>Coordination Chemistry Reviews</i> , 2015, 289-290, 215-237.	18.8	58
151	Oximate complexes. Part 1. Solution study, synthesis, structure, spectroscopic and magnetic properties of polynuclear copper(II) complexes containing dimethylglyoxime. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1623-1628.	1.1	57
152	Phenylmalonate-Containing Copper(II) Complexes: Synthesis, Crystal Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4081-4090.	2.0	57
153	Structural analysis and magnetic properties of the copper(II) dicyanamide complexes [Cu2(dmphen)2(dca)4], [Cu(dmphen)(dca)(NO3)] _n and [Cu(4,4'-dmbpy)(H2O)(dca)2] (dca=dicyanamide); <i>Tj ETQq1 1 0.784314</i> 2.4 56	2.4	56
154	Copper(II)-assisted hydrolysis of 2,4,6-tris(2-pyridyl)-1,3,5-triazine. Part 2. Crystal structures of [bis(2-pyridylcarbonyl)amido](pyridine-2-carboxamide)copper(II) trifluoromethanesulphonate and [bis(2-pyridylcarbonyl)amido][2,4,6-tris(2-pyridyl)-1,3,5-triazine]copper(II) trifluoromethanesulphonate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 1681-1687.	1.1	55
155	Formation in solution, synthesis, and electrochemical study of oxalato complexes of N,N'-ethylenebis(salicylideneiminato)-chromium(III) and -iron(III): crystal structures of piperidinium [N,N'-ethylenebis(salicylideneiminato)](oxalato-O1O2)-chromate(III) and ferrate(III). <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 729-738.	1.1	55
156	Complex formation between squarate (C4O4 ²⁻) and CuIII [L = 2,2'-bipyridyl, 2,2':6,6':2,2'-terpyridyl or bis(2-pyridylcarbonyl)amide anion (bpca)] in dimethyl sulphoxide solution. Crystal structure of [Cu2(bpca)2(H2O)2(C4O4)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 2533-2538.	1.1	55
157	Structural and Magnetic Characterization of a Novel Heptanuclear Hydroxo-Bridged Copper(II) Cluster of the Corner-Sharing Dicubane Type. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1184-1186.	4.4	55
158	Bonding flexibility of 2,2'-bipyrimidine (bpm): symmetry and magnetism of three copper(II) complexes with different Cu:bpm ratios. <i>Inorganic Chemistry</i> , 1993, 32, 2215-2220.	4.0	54
159	Structure and Magnetic Properties of a Pyrophosphate-Bridged Cu(II) Complex. <i>Inorganic Chemistry</i> , 2001, 40, 1726-1727.	4.0	54
160	Magnetically Isolated CuIIGdIIIPairs in the Series [Cu(acacen)Gd(pta)3], [Cu(acacen)Gd(hfa)3], [Cu(salen)Gd(pta)3], and [Cu(salen)Gd(hfa)3], [acacen = N,N'-Ethylenebis(acetylacetonimate(â-)), salen = N,N'-Ethylenebis(salicylideneiminato(â-)), hfa = 1,1,1,5,5,5-Hexafluoropentane-2,4-dionate(â-)), pta = 1,1,1-Trifluoro-5,5-dimethylhexane-2,4-dionate(â-)]. <i>Inorganic Chemistry</i> , 2002, 41, 1816-1823.	4.0	54
161	Ligand Effects on the Structures of Extended Networks of Dicyanamide-Containing Transition-Metal Ions. <i>Inorganic Chemistry</i> , 2006, 45, 4626-4636.	4.0	54
162	Coordination complexes incorporating pyrophosphate: Structural overview and exploration of their diverse magnetic, catalytic and biological properties. <i>Coordination Chemistry Reviews</i> , 2010, 254, 890-915.	18.8	54

#	ARTICLE	IF	CITATIONS
163	Formation in solution, synthesis and crystal structure of $\frac{1}{4}$ -oxalatobis[bis(2-pyridylcarbonyl)amido]dicopper(II). <i>Inorganica Chimica Acta</i> , 1989, 161, 97-104.	2.4	53
164	Complex formation between oxalate and (2,2'-6,6'-2,2'-terpyridyl)copper(II) in dimethyl sulphoxide solution. Synthesis and crystal structures of mono- and di-nuclear complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1937-1944.	1.1	53
165	Syntheses, crystal structures and magnetic properties of $[\text{Ni}_2(\text{C}_2\text{O}_4)(\text{tren})_2][\text{ClO}_4]_2$ and $[\text{Ni}_2(\text{C}_4\text{O}_4)(\text{tren})_2(\text{H}_2\text{O})_2][\text{ClO}_4]_2$ [tren = 1,1,1-tris(2-aminoethyl)amine]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 811-818.	1.1	53
166	Two-Dimensional Assembling of (2,2'-Bipyrimidine)bis(oxalato)chromate(III) Units through Alkaline Cations. <i>Inorganic Chemistry</i> , 1999, 38, 2234-2237.	4.0	53
167	$[\text{Cr}(\text{AA})(\text{C}_2\text{O}_4)_2]^{3-}$ and $[\text{Cu}(\text{bpca})]^{+}$ as building blocks in designing new oxalato-bridged Cr^{III} - Cu^{II} compounds [AA = 2,2'-bipyridine and 1,10-phenanthroline; bpca = bis(2-pyridylcarbonyl)amide anion]. <i>Inorganica Chimica Acta</i> , 2003, 350, 131-142.	2.4	53
168	High-dimensional malonate-based materials: Synthesis, crystal structures and magnetic properties of $[\text{M}_2(\text{mal})_2(\text{L})(\text{H}_2\text{O})_2]_n \cdot n(\text{H}_2\text{O})$ M = Zn(ii), Co(ii); H2mal = malonic acid, L = pyrimidine, pyrazine. <i>CrystEngComm</i> , 2003, 5, 280-284.	2.6	53
169	Synthesis, crystal structure and magnetic properties of the three-dimensional compound $[\text{Na}_2\text{Ni}(\text{mal})_2(\text{H}_2\text{O})_6]_n$ (H2mal = malonic acid). <i>Inorganica Chimica Acta</i> , 2000, 298, 245-250.	2.4	52
170	Magnetic Studies on Hexaiodorrhenate(IV) Salts of Univalent Cations. Spin Canting and Magnetic Ordering in $\text{K}_2[\text{ReI}_6]$ with $T_c = 24$ K. <i>Inorganic Chemistry</i> , 2003, 42, 2512-2518.	4.0	52
171	Hydrogen Bond-Directed Frameworks Based on 1,2,4,5-Benzene-Tetracarboxylate. <i>Crystal Growth and Design</i> , 2005, 5, 1163-1167.	3.0	52
172	Polymeric Networks of Copper(II) Phenylmalonate with Heteroaromatic N-donor Ligands: Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2005, 44, 7794-7801.	4.0	52
173	Heteropolymetallic Supramolecular Solid-State Architectures Constructed from $[\text{Cr}(\text{AA})(\text{C}_2\text{O}_4)_2]$ -Tectons, and Sustained by Coordinative, Hydrogen Bond and π - π Stacking Interactions (AA = 2,2'-Bipyridine; 1,10-Phenanthroline). <i>Crystal Growth and Design</i> , 2005, 5, 261-267.	3.0	52
174	Copper(II)-assisted hydrolysis of 2,4,6-tris(2-pyridyl)-1,3,5-triazine. Part 1. Crystal structures of [bis(2-pyridylcarbonyl)amido](2-pyridylformamide)-copper(II) perchlorate monohydrate and [bis(2-pyridylcarbonyl)amido]-copper(II) perchlorate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 2033-2039.	1.1	51
175	Copper(II)-assisted hydrolysis of 2,4,6-tris(2-pyridyl)-1,3,5-triazine. Part 3. Crystal structures of diaqua[bis(2-pyridylcarbonyl)amido]copper(II) nitrate dihydrate and aquabis(pyridine-2-carboxamide)copper(II) nitrate monohydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 891-897.	1.1	51
176	Heterobimetallic Oxalato-Bridged MIIReIV Complexes (M = Mn, Fe, Co, Ni): Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2003, 42, 1064-1069.	4.0	51
177	$\{[\text{Cu}(\text{H}_2\text{O})_3][\text{Cu}(\text{phmal})_2]\}_n$: a new two-dimensional copper(ii) complex with intralayer ferromagnetic interactions (phmal = phenylmalonate dianion). <i>New Journal of Chemistry</i> , 2003, 27, 1557-1562.	2.8	51
178	Cobalt(II) Sheet-Like Systems Based on Diacetic Ligands: from Subtle Structural Variances to Different Magnetic Behaviors. <i>Inorganic Chemistry</i> , 2009, 48, 6086-6095.	4.0	51
179	Intramolecular ferro- and antiferromagnetic interactions in oxo-carboxylate bridged digadolinium(iii) complexes. <i>Dalton Transactions</i> , 2010, 39, 7286.	3.3	51
180	Oxamidate-Bridged Dinuclear Five-Coordinate Nickel(II) Complexes: A Magneto-Structural Study. <i>Inorganic Chemistry</i> , 2004, 43, 2132-2140.	4.0	50

#	ARTICLE	IF	CITATIONS
181	Malonate-Containing Manganese(III) Complexes: Synthesis, Crystal Structure, and Magnetic Properties of $\text{AsPh}_4[\text{Mn}(\text{mal})_2(\text{H}_2\text{O})_2]$. <i>Inorganic Chemistry</i> , 2006, 45, 1012-1020.	4.0	50
182	Slow magnetic relaxation in carbonato-bridged dinuclear lanthanide(III) complexes with 2,3-quinoxalinediolate ligands. <i>Chemical Communications</i> , 2012, 48, 7726.	4.1	50
183	Two-Dimensional Coordination Polymers Constructed by $[\text{Ni}^{\text{II}}\text{Ln}^{\text{III}}]$ Nodes and $[\text{W}^{\text{IV}}(\text{bpy})(\text{CN})_6]^{2-}$ Spacers: A Network of $[\text{Ni}^{\text{II}}\text{Dy}^{\text{III}}]$ Single Molecule Magnets. <i>Inorganic Chemistry</i> , 2013, 52, 11627-11637.	4.0	50
184	Field-Induced Slow Magnetic Relaxation in a Mononuclear Manganese(III) Porphyrin Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 17299-17307.	3.3	50

185

#	ARTICLE	IF	CITATIONS
199	[Mn ₂ (bipym)(H ₂ O) ₈] ⁴⁺ and [Fe(bipy)(CN) ₄] ³⁻ as building blocks in designing novel bipym- and cyanide-bridged heterobimetallic complexes (bipym = 2,2'-bipyrimidine and bipy = 2,2'-bipyridine). Dalton Transactions RSC, 2002, , 3171-3176.	2.3	46
200	Synthesis, X-ray Crystal Structure and Magnetic Properties of Oxalato-Bridged Copper(II) Complexes with 2,3-Bis(2-pyridyl)pyrazine, 2,3-Bis(2-pyridyl)quinoxaline and 2,2'-Bipyrazine as Peripheral Ligands. European Journal of Inorganic Chemistry, 2004, 2004, 4836-4848.	2.0	46
201	Interactions in Cu(II)Cu(II), VO(II)VO(II) and Cu(II)VO(II) pairs through oxalato bridging ligand. Inorganica Chimica Acta, 1984, 82, 5-12.	2.4	45
202	Dimethylvioluratobis(phenanthroline)cobalt(II), a Novel Spin-Crossover Octahedral Co(II) Complex. Synthesis, Crystal Structure and Magnetic Properties of [Co(dmvi)(phen) ₂ ClO ₄ .cntdot.3H ₂ O. Inorganic Chemistry, 1994, 33, 5535-5540.	4.0	45
203	Heterobimetallic Oxalato-Bridged CuIIReIV Complexes. Synthesis, Crystal Structure and Magnetic Properties. Inorganic Chemistry, 2001, 40, 4242-4249.	4.0	45
204	Magnetic Studies on Hexahalorhenate(IV) Salts of Ferrocenium Cations [Fe(C ₅ R ₅) ₂][ReX ₆] (R = H, CH ₃); Tj ETQq 0 0 0 rgBT /Overlock	4.0	45
205	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Penta- and Hexanuclear Coordination Compounds: A Synthesis, Crystal Structures, and Magnetic Properties of Ladder-Type CuII ₂ MII _x (M = Cu, Ni; x = 3, 4) Oxalato Complexes with CuII ₂ Metallacyclophane Cores. Inorganic Chemistry, 2007, 46, 4504-4514.	4.0	45
206	Synthesis Crystal Structure and Magnetic Properties of the Trinuclear Nickel(II) Complex Bis[(1/4-thiocyanato-N)bis(1/4-pyridazine-N1,N2)bis(thiocyanato-N)(pyridazine-N1)nickel(II)-N,N1,N1] nickel(II). Inorganic Chemistry, 2000, 39, 1611-1614.	4.0	44
207	[Cr(bpym)(C ₂ O ₄) ₂] ³⁻ in designing heterometallic complexes. Crystal structures and magnetic properties of PPh ₄ [Cr(bpym)(C ₂ O ₄) ₂].H ₂ O and [Ag(bpym)][Cr(C ₂ O ₄) ₂](H ₂ O) ₂ .2H ₂ O (bpym=2,2'-bipyrimidine). Inorganica Chimica Acta, 2002, 336, 46-54.	2.4	44
208	Zeolite-like Nanoporous Gadolinium Complexes Incorporating Alkaline Cations. Crystal Growth and Design, 2006, 6, 87-93.	3.0	44
209	Design of Magnetic Coordination Polymers Built from Polyoxalamide Ligands: A Thirty Year Story. European Journal of Inorganic Chemistry, 2018, 2018, 228-247.	2.0	44
210	Phase transition and exchange interaction in (.mu.-carbonato)bis[(N,N,N',N'',N''-pentaethyldiethylenetriamine)copper(II)] diperchlorate. Inorganic Chemistry, 1988, 27, 542-549.	4.0	43
211	Synthesis and magnetic properties of bis(1/4-hydroxo)bis[(2,2'-bipyridyl)copper(II)] squarate. Crystal structure of bis(1/4-hydroxo)bis[(2,2'-bipyridyl)copper(II)] squarate tetrahydrate. Inorganica Chimica Acta, 1990, 170, 251-257.	2.4	43
212	Structural Characterization and Magnetic Properties of the First 2,2'-Bipyrimidine-Containing Iron(III) Complexes. Inorganic Chemistry, 1998, 37, 1458-1464.	4.0	43
213	Spin Control in Ladderlike Hexanuclear Copper(II) Complexes with Metallacyclophane Cores. Inorganic Chemistry, 2004, 43, 2768-2770.	4.0	43
214	4,2-Ribbon like ferromagnetic cyano-bridged FeIII ₂ NiII chains: a magneto-structural study. Dalton Transactions, 2007, , 3690.	3.3	43
215	Synthesis, crystal structures and magnetic properties of tricyanomethanide-containing copper(II) complexes. Dalton Transactions, 2008, , 1583.	3.3	43
216	Well-resolved unusual alternating cyclic water tetramers embedded in a crystal host. CrystEngComm, 2008, 10, 1743.	2.6	43

#	ARTICLE	IF	CITATIONS
217	[Cr(dpa)(ox) ₂] ⁺ : a new bis-oxalato building block for the design of heteropolymetallic systems. Crystal structures and magnetic properties of PPh ₄ [Cr(dpa)(ox) ₂], AsPh ₄ [Cr(dpa)(ox) ₂], Hdpa[Cr(dpa)(ox) ₂] ⁺ ·4H ₂ O, Rad[Cr(dpa)(ox) ₂] ⁺ ·H ₂ O and Sr[Cr(dpa)(ox) ₂] ²⁺ ·8H ₂ O (dpa = 2,2'-dipyridylamine). <i>New Journal of Chemistry</i> , 2001, 25, 1224-1235.	2.8	42
218	Ferromagnetic coupling and magnetic anisotropy in oxalato-bridged trinuclear chromium(III)-cobalt(II) complexes with aromatic diimine ligands. <i>Dalton Transactions</i> , 2010, 39, 2350-2358.	3.3	42
219	Study of the interaction between [Cu(bipy)] ²⁺ and oxalate in dimethyl sulfoxide. Crystal structure of [Cu ₂ (bipy) ₂ (H ₂ O) ₂ ox]SO ₄ ·[Cu(bipy)ox]. <i>Inorganica Chimica Acta</i> , 1991, 179, 59-66.	2.4	41
220	Formation in solution, preparation, crystal structure and magnetic characterization of di-μ-hydroxo-bis[di aqua(2,2'-bipyrimidine)copper(II)] diperchlorate dihydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1739-1744.	1.1	41
221	Topology and Spin Polarization in Sheetlike Metal(II) Polymers: [ML ₂ X ₂] (M = Ni, Cu, Zn) Tj ETQq1 1 0.784314 rgBT /Ov Crystals, 1999, 334, 569-585.	0.3	41
222	Magnetic Anisotropy of a High-Spin Octanuclear Nickel(II) Complex with meso-Helicite Core. <i>Inorganic Chemistry</i> , 2004, 43, 7594-7596.	4.0	41
223	[Cr(III)(L)(CN) ₄] ⁺ : a new building block in designing cyanide-bridged 4,2-ribbon-like chains {[Cr(III)(L)(CN) ₄] ₂ Mn(H ₂ O) ₂ }]·nH ₂ O [L = 2-aminomethylpyridine (n = 6) and 1,10-phenanthroline (n = 4)]. <i>New Journal of Chemistry</i> , 2005, 29, 210-219.	2.8	41
224	Synthesis and Structural and Magnetic Characterization of {[(phen) ₂ Ni] ₂ (μ ₄ -P ₂ O ₇) ₂ ·27H ₂ O} and {[(phen) ₂ Mn] ₂ (μ ₄ -P ₂ O ₇) ₂ ·13H ₂ O}: Rare Examples of Coordination Complexes with the Pyrophosphate Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 6668-6674.	4.0	41
225	A Metallacryptand-Based Manganese(II)-Cobalt(II) Ferrimagnet with a Three-Dimensional Honeycomb Open-Framework Architecture. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4211-4216.	13.8	41
226	[Fe(phen)(CN) ₄] ⁺ : a suitable metalloligand unit to build 3d-4f heterobimetallic complexes with mixed bpym-cyano bridges (phen = 1,10-phenanthroline, bpym = 2,2'-bipyrimidine). <i>CrystEngComm</i> , 2010, 12, 2454.	2.6	41
227	Enhancing the Magnetic Coupling of Oxalato-Bridged Re ^{IV} M ^{II} (M = Ni, Cu) Tj ETQq1 1 0.784314 rgBT /Ov 2011, 50, 5731-5739.	4.0	41
228	Cellulose-copper as bio-supported recyclable catalyst for the clickable azide-alkyne [3+2] cycloaddition reaction in water. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 849-856.	7.5	41
229	A reusable polymer-supported copper(I) catalyst for triazole click reaction on water: An experimental and computational study. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4669.	3.5	41
230	Synthesis, crystal structure and magnetic properties of di-μ-hydroxo-bis[(2,2'-bipyridine)(trifluoromethanesulfonato-O)-copper(II)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 47-52.	1.1	40
231	2,2'-Bipyrimidine (bipym)-bridged dinuclear complexes. Part 2. Synthesis, crystal structure and magnetic properties of [Fe ₂ (H ₂ O) ₈ (bipym)] [SO ₄] ₂ ·2H ₂ O and [Fe ₂ (H ₂ O) ₆ (bipym)(SO ₄) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2169-2174.	1.1	40
232	Conformational change of the N,N'-bis(3-aminopropyl)oxamidate ligand in nuclearity tailoring copper(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 1359-1366.	1.1	40
233	Ferro- and Antiferromagnetic Coupling through 1,n-Dithiosquarate Bridges (n = 2, 3) in Copper(II) Dimers. Syntheses, Crystal Structures, and Magnetic Properties of [Cu ₂ (bpca) ₂ (1,2-dtsq)(H ₂ O)]·2H ₂ O and [Cu ₂ (bpca) ₂ (1,3-dtsq)]·2H ₂ O. <i>Inorganic Chemistry</i> , 1999, 38, 4680-4687.	4.0	40
234	A phase transition in the novel three-dimensional compound [Eu ₂ (mal) ₃ (H ₂ O) ₆] (H ₂ mal = malonic acid). <i>Dalton Transactions RSC</i> , 2002, , 3462-3470.	2.3	40

#	ARTICLE	IF	CITATIONS
235	Syntheses, crystal structures and magnetic properties of di- and trinuclear croconato-bridged copper(ii) complexes. Dalton Transactions RSC, 2002, , 2397-2403.	2.3	40
236	Oxalate and 2,2'-bipyrimidine as bis-chelating ligands in the honeycomb layered compound {[Fe ₂ (bpy _m)(ox) ₂] \cdot 5H ₂ O} _n . New Journal of Chemistry, 2003, 27, 161-165.	2.8	40
237	Ferromagnetic Coupling through Spin Polarization in the Hexanuclear [MnII ₃ CuII ₃] Complex. Inorganic Chemistry, 2004, 43, 5189-5191.	4.0	40
238	Hydrogen-bond tuning of ferromagnetic interactions: synthesis, structure and magnetic properties of polynuclear copper(ii) complexes incorporating p-block oxo-anions. Dalton Transactions, 2006, , 2081.	3.3	40
239	Versatile supramolecular self-assembly. Part I. Network formation and magnetic behaviour of the alkaline salts of the bis(malonate)cuprate(ii) anion. CrystEngComm, 2006, 8, 507-529.	2.6	40
240	Cu(II)-alginate-based superporous hydrogel catalyst for click chemistry azide-alkyne cycloaddition type reactions in water. RSC Advances, 2020, 10, 32821-32832.	3.6	40
241	Novel Three-Dimensional Cage Assembly of a 1/4-Carbonato-Bridged Cobalt(II) Compound [Co ₂ (bpm)(H ₂ O) ₂ (CO ₃)(OH)]NO ₃ \cdot 4H ₂ O. Inorganic Chemistry, 1999, 38, 3744-3747.	4.0	39
242	Syntheses, Structures, and Properties of Copper(II) Complexes of Bis(2-pyridylmethyl) Derivatives of <i>o</i> -, <i>m</i> -, and <i>p</i> -Phenylenediamine and Aniline. Inorganic Chemistry, 2008, 47, 9612-9623.	4.0	39
243	Spin canting in an unprecedented three-dimensional pyrophosphate- and 2,2'-bipyrimidine-bridged cobalt(ii) framework. Dalton Transactions, 2008, , 5152.	3.3	39
244	Redox Switch-Off of the Ferromagnetic Coupling in a Mixed-Spin Tricobalt(II) Triple Mesocate. Journal of the American Chemical Society, 2009, 131, 14614-14615.	13.7	39
245	Magnetic coupling in discrete cyano-bridged MnIII-FeIII motifs: Synthesis, crystal structure, magnetic properties and theoretical study. Dalton Transactions, 2010, 39, 5028.	3.3	39
246	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. Chemical Communications, 2011, 47, 11035.	4.1	39
247	Polycatenane systems from Co(II) and trans-1,2-bis(4-pyridyl)ethene (bpe). Synthesis and structure of Co(bpe) ₂ (NCS) ₂ \cdot CH ₃ OH, [Co(bpe) ₂ (H ₂ O) ₂](ClO ₄) ₂ \cdot 2CH ₃ OH and [Co(bpe) ₂ (H ₂ O) ₂ (CH ₃ OH) ₂](ClO ₄) ₂ \cdot bpe \cdot H ₂ O. New Journal of Chemistry, 2001, 25, 1031-1036.	2.8	38
248	Versatile supramolecular self-assembly : Part II. Network formation and magnetic behaviour of copper(ii) malonate anions in ammonium derivatives. CrystEngComm, 2006, 8, 530-544.	2.6	38
249	Dimensionality Switching Through a Thermally Induced Reversible Single-Crystal-to-Single-Crystal Phase Transition in a Cyanide Complex. Inorganic Chemistry, 2010, 49, 11045-11056.	4.0	38
250	A pH-triggered bistable copper(ii) metallacycle as a reversible emulsion switch for biphasic processes. Chemical Communications, 2013, 49, 10778.	4.1	38
251	Syntheses, crystal structures and electronic properties of [Cu(bipym)(C ₄ O ₄)(H ₂ O) ₃] \cdot 2H ₂ O and [Cu ₂ (bipym)(C ₄ O ₄) ₂ (H ₂ O) ₆](bipym = 2,2'-bipyrimidine). Journal of the Chemical Society Dalton Transactions, 1995, , 3207-3213.	1.1	37
252	Dimer species in dimethyl sulfoxide-water (80 \cdot 20 w/w) solution of N,N'-bis(salicylideneimine)- <i>m</i> -phenylenediamine (H ₂ sal- <i>m</i> -phen) and similar Schiff bases with CuII, NiII, CoII and ZnII. Crystal structure of [Co ₂ (sal- <i>m</i> -phen) ₂] \cdot CHCl ₃ \cdot 3H ₂ O. Journal of the Chemical Society Dalton Transactions, 1997, , 4327-4334.	1.1	37

#	ARTICLE	IF	CITATIONS
253	The Construction of Open Gd ^{III} Metal-Organic Frameworks Based on Methanetriacetic Acid: New Objects with an Old Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 4037-4047.	3.3	37
254	Slow Magnetic Relaxation in a Hydrogen-Bonded 2D Array of Mononuclear Dysprosium(III) Oxamates. <i>Inorganic Chemistry</i> , 2013, 52, 4777-4779.	4.0	37
255	An alternating copper(II) chain with bridging azide and oxamidate ligands: crystal structure and magnetic properties of [Cu ₂ (dmaeoxd)(N ₃) ₂ (H ₂ O) ₂] and [Cu ₂ (dmaeoxd)(N ₃) ₂ N]{H ₂ dmaeoxd = N,N'-bis[2-(dimethylamino)ethyl]oxamide}. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3769-3773.	1.1	36
256	Syntheses, crystal structures and magnetic properties of one- and two-dimensional pap-containing copper(II) complexes (pap = pyrazino[2,3- <i>bc</i>]phenanthroline). <i>Dalton Transactions RSC</i> , 2001, , 259-265.	2.8	36
257	Dimensionally controlled hydrogen-bonded nanostructures: synthesis, structure, thermal and magnetic behaviour of the tris-(chelated)nickel(II) complex [Ni(bipy) ₃]Cl ₂ ·5.5H ₂ O (bipy = 2,2'-bipyridyl). <i>Inorganica Chimica Acta</i> , 2002, 336, 131-136.	2.4	36
258	Supramolecular Loop-Chain Network of Pillared Layers via 4,4'-Bipyridine. <i>Crystal Growth and Design</i> , 2004, 4, 57-61.	3.0	36
259	Ordered mesoporous silicas as host for the incorporation and aggregation of octanuclear nickel(ii) single-molecule magnets: a bottom-up approach to new magnetic nanocomposite materials. <i>Journal of Materials Chemistry</i> , 2006, 16, 2702-2714.	6.7	36
260	Heterotrimetallic Oxalato-Bridged ReIV2MII Complexes (M = Mn, Co, Ni, Cu): Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 3523-3530.	4.0	36
261	Ligand effects on the structures and magnetic properties of tricyanomethanide-containing copper(ii) complexes. <i>Dalton Transactions</i> , 2007, , 5190.	3.3	36
262	New Extended Magnetic Systems Based on Oxalate and Iron(III) Ions. <i>Inorganic Chemistry</i> , 2008, 47, 3772-3786.	4.0	36
263	Novel cobalt(II) coordination polymers based on 1,2,4,5-benzenetetracarboxylic acid and extended bis-monodentate ligands. <i>CrystEngComm</i> , 2009, 11, 2169.	2.6	36
264	Synthesis, Crystal Structures, and Magnetic Properties of Two Novel Cyanido-Bridged Heterotrimetallic {Cu ^{II} Mn ^{II} Cr ^{III} } Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 2258-2269.	4.0	36
265	Spin Crossover in Double Salts Containing Six- and Four-Coordinate Cobalt(II) Ions. <i>Inorganic Chemistry</i> , 2017, 56, 6281-6296.	4.0	36
266	Field-induced slow magnetic relaxation in pseudooctahedral cobalt(II) complexes with positive axial and large rhombic anisotropy. <i>Dalton Transactions</i> , 2019, 48, 1404-1417.	3.3	36
267	Synthesis, crystal structure and magnetic properties of the dinuclear manganese(II) complexes [Mn ₂ (bpym) ₃ (NCX) ₄] (bpym = 2,2'-bipyrimidine; X = S, Se). <i>Inorganica Chimica Acta</i> , 1997, 257, 121-129.	2.4	35
268	Structure and magnetic properties of a linear oximate-bridged tetranuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 1998, 268, 263-269.	2.4	35
269	Synthesis crystal structure and magnetic properties of [Fe ₂ (bpym)(C ₅ O ₅) ₂ (H ₂ O) ₄]·2H ₂ O and two polymorphs of [Fe ₂ (bpym)(C ₄ O ₄) ₂ (H ₂ O) ₆]·2H ₂ O (bpym = 2,2'-bipyrimidine). <i>Inorganica Chimica Acta</i> , 1998, 242, 127-135.	2.4	35
270	Intramolecular versus intermolecular exchange pathways in the binuclear complex [Cu ₂ (H ₂ tea) ₂ (4,4'-bipy)](ClO ₄) ₂ ·3H ₂ O (H ₃ tea=triethanolamine and 4,4'-bipy=4,4'-bipyridine). <i>Polyhedron</i> , 2001, 20, 3033-3037.	2.8	35

#	ARTICLE	IF	CITATIONS
271	[Mn ^{II} (bpym)(H ₂ O) ₈] ⁴⁺ and [Miv(CN) ₈] ⁴⁻ (M = Mo and W) as building blocks in designing bpym- and cyanide-bridged bimetallic three-dimensional networks (bpym ₂ -bipyrimidine) Electronic supplementary information (ESI) available: χ vs. T for 2. See http://www.rsc.org/suppdata/ni/b2/b206124b/ . <i>New Journal of Chemistry</i> , 2003, 27, 128-133.	2.8	35
272	Low-Dimensional 3d ^{4f} Complexes Assembled by Low-Spin [Fe ^{III} (phen)(CN) ₄] ⁺ Anions. <i>Inorganic Chemistry</i> , 2013, 52, 1525-1537.	4.0	35
273	Copper(II) assembling with bis(2-pyridylcarbonyl)amidate and N,N'-2,2-phenylenebis(oxamate). <i>Dalton Transactions</i> , 2013, 42, 5778.	3.3	35
274	Coligand Effects on the Field-Induced Double Slow Magnetic Relaxation in Six-Coordinate Cobalt(II) Single-Ion Magnets (SIMs) with Positive Magnetic Anisotropy. <i>Inorganic Chemistry</i> , 2019, 58, 15726-15740.	4.0	35
275	Ferro- and ferri-magnetism in oximato-bridged Mn ^{III} Cu ^{II} chains (M = Mn and Fe). A molecular based ferromagnet with T _c = 9 K: [Mn ^{III} Cu ^{II} -bis(1,2-cyclohexanedioneoximato)(acetato)(H ₂ O) ₂]. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2615-2616.	2.0	34
276	Thermodynamics of the two-dimensional Heisenberg classical honeycomb lattice. <i>Physical Review B</i> , 1998, 58, 11465-11483.	3.2	34
277	Syntheses, Structures, and Magnetic Properties of Copper(II) Complexes with 1,3-[Bis(2-pyridylmethyl)amino]benzene (1,3-tpbd) as Ligand. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 335-343.	2.0	34
278	Hexachlororhenate(IV) salts of organic radical cations. <i>Inorganica Chimica Acta</i> , 2005, 358, 3995-4002.	2.4	34
279	Magnetic properties and molecular structures of binuclear (2-pyrazinecarboxylate)-bridged complexes containing Re(IV) and M(II) (M = Co, Ni). <i>Dalton Transactions</i> , 2007, , 342-350.	3.3	34
280	Preparation, crystal structure and magnetic properties of di-2-pyridylamine (dpa) copper(II) complexes [Cu(dpa)(N ₃) ₂] _n and [Cu ₂ (dpa) ₂ (NCO) ₄]. <i>Journal of Molecular Structure</i> , 2008, 890, 31-40.	3.6	34
281	[M ^{III} (bpym)(CN) ₄] ⁺ : a suitable building block to design ferrimagnetic cyano-bridged heterobimetallic chains (M = Fe, Cr; bpym = 2,2'-bipyrimidine). <i>Dalton Transactions</i> , 2008, , 4103.	3.3	34
282	Long-distance magnetic coupling in dinuclear copper(II) complexes with oligo-para-phenylenediamine bridging ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 1666-1678.	2.4	34
283	Synthesis, crystal structure and magnetic properties of [Cu ₂ (bpym)(N ₃) ₄] (bpym = 2,2'-bipyrimidine). <i>Inorganica Chimica Acta</i> , 1993, 211, 227-233.	2.4	33
284	A Giant Antiferromagnetic Interaction through the Bihydroxide Bridge (H ₃ O ₂ ⁻). <i>Inorganic Chemistry</i> , 1994, 33, 1585-1586.	4.0	33
285	Chains and channels in polynuclear copper(II) complexes with 2,3-bis(2-pyridyl)pyrazine (dpp) as bridging ligand; syntheses, crystal structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2000, 310, 217-226.	2.4	33
286	Bis and tris(oxalato)ferrate(III) complexes as precursors of polynuclear compounds. <i>CrystEngComm</i> , 2005, 7, 57.	2.6	33
287	A self-assembled tetrameric water cluster stabilized by the hexachlororhenate(IV) anion and diprotonated 2,2'-biimidazole: X-ray structure and magnetic properties. <i>CrystEngComm</i> , 2008, 10, 1284.	2.6	33
288	Low-Dimensional Copper(II) Complexes with the Trinucleating Ligand 2,4,6-Tris(di-2-pyridylamine)-1,3,5-triazine: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 6630-6640.	4.0	33

#	ARTICLE	IF	CITATIONS
289	Spin Control in Oxamato-Based Manganese(II)–Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. <i>Inorganic Chemistry</i> , 2011, 50, 8694-8696.	4.0	33
290	[FeIII(dmbpy)(CN)4]•: a new building block for designing single-chain magnets. <i>Dalton Transactions</i> , 2012, 41, 13716.	3.3	33
291	Slow Relaxation of the Magnetization in a 4,2-Wavelike Fe ^{III} ₂ Co ^{II} Heterobimetallic Chain. <i>Inorganic Chemistry</i> , 2012, 51, 1216-1218.	4.0	33
292	Corrosion inhibition performance of a structurally well-defined 1,2,3-triazole derivative on mild steel-hydrochloric acid interface. <i>Journal of Molecular Structure</i> , 2021, 1231, 129895.	3.6	33
293	Synthesis, magnetic properties and EPR of ¼-oxalatotetrakis(acetylacetonato)diiron(III). <i>Inorganica Chimica Acta</i> , 1983, 76, L39-L41.	2.4	32
294	A Family of Oxamido-Bridged MnIICuIIBimetallic Molecular-Based Ferrimagnets:Â Synthesis, EXAFS Structural Characterization, and Magnetic Properties. <i>Chemistry of Materials</i> , 1997, 9, 201-209.	6.7	32
295	The Cation as a Tool to Get Spin-Canted Three-Dimensional Iron(III) Networks. <i>Inorganic Chemistry</i> , 2004, 43, 5177-5179.	4.0	32
296	Protonated malonate: the influence of the hydrogen bonds on the magnetic behaviour. <i>CrystEngComm</i> , 2004, 6, 443-450.	2.6	32
297	A new ferromagnetically coupled ¼-alkoxoâ¼-acetato copper(II) trinuclear complex: [Cu3(H2tea)(Htea)(CH3COO)2](ClO4) (H3tea=triethanolamine). <i>Inorganica Chimica Acta</i> , 2005, 358, 2066-2072.	2.4	32
298	Metamagnetism in hydrophobically induced carboxylate (phenylmalonate)-bridged copper(ii) layers. <i>Chemical Communications</i> , 2006, , 2857-2859.	4.1	32
299	Oxamidato complexes. Part 6. Complex formation between copper(II) and N,Nâ€²-bis[2-(dimethylamino)ethyl]oxamide (H2dmaeoxd). Preparation, crystal structure, and magnetic properties of [Cu2(dmaeoxd)(NCO)2(H2O)2]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1483-1488.	1.1	31
300	Synthesis, crystal structure and magnetic properties of the chiral iron(II) chain [Fe(bpym)(NCS)2]n (bpym = 2,2â€²-bipyrimidine). <i>Inorganica Chimica Acta</i> , 1996, 250, 81-85.	2.4	31
301	Syntheses, crystal structures and magnetic properties of polynuclear 1,4,5,8,9,12-hexaazatriphenylene (hat)-bridged copper(II) complexes. <i>Dalton Transactions RSC</i> , 2001, , 1029-1034.	2.3	31
302	Synthesis, crystal structure and magnetic properties of [Cu(bipy)2(CH3COO)][Cu(bipy)2(Cr(C2O4)3)]•¼10.5H2O, the first compound containing the [Cr(C2O4)3]3â€².4 building block acting as a monodentate ligand. <i>Inorganica Chimica Acta</i> , 2001, 324, 352-358.		31
303	A Two-Dimensional ReIVAgI Compound:â€‰ X-ray Structure and Magnetic Properties. <i>Crystal Growth and Design</i> , 2006, 6, 2204-2206.	3.0	31
304	Guanine-containing copper(II) complexes: synthesis, X-ray structures and magnetic properties. <i>Dalton Transactions</i> , 2008, , 514-520.	3.3	31
305	X-Ray structure of [ReCl ₄ (¼-ox)Cu(pyim) ₂]: a new heterobimetallic Re ^{IV} Cu ^{II} ferrimagnetic chain. <i>Dalton Transactions</i> , 2008, , 40-43.	3.3	31
306	Dicopper(II) pyrazolenophanes: Ligand effects on their structures and magnetic properties. <i>Coordination Chemistry Reviews</i> , 2016, 315, 135-152.	18.8	31

#	ARTICLE	IF	CITATIONS
307	Magneto-structural versatility of copper(II)-3-phenylpropionate coordination polymers with N-donor coligands. Dalton Transactions, 2016, 45, 172-189.	3.3	31
308	Synthesis, crystal structure, magnetic properties, and solution study of the complex μ -oxalato-bis[aqua(1,4,7-triazacyclononane)nickel(II)] nitrate dihydrate. Journal of the Chemical Society Dalton Transactions, 1990, , 2213-2217.	1.1	30
309	Complex formation between croconate ($C_5O_5^{2-}$) and Cu(II) [L = 2,2'-bipyridine(bipy), 2,2':6,2''-terpyridine or bis(2-pyridylcarbonyl)amide anion] in dimethyl sulfoxide solution. Crystal structure of [Cu(bipy)(C ₅ O ₅)(H ₂ O)]. Journal of the Chemical Society Dalton Transactions, 1992, , 2271-2275.	1.1	30
310	Bis(dimethylviolurato)(phenanthroline)cobalt(II), a low-spin octahedral cobalt(II) complex. Crystal structure of [Co(dmvi) ₂ phen].2CHCl ₃ . Inorganic Chemistry, 1993, 32, 2013-2017.	4.0	30
311	Synthesis, crystal structure and magnetic properties of the first single azido-bridged copper(II) chain		

#	ARTICLE	IF	CITATIONS
325	Influence of the presence of divalent first-row transition metal ions on the structure of sodium(i) salts of 1,2,3,4-benzenetetracarboxylic acid (H4bta). <i>CrystEngComm</i> , 2006, 8, 338-345.	2.6	28
326	Rhenium(IV) cyanate complexes: Synthesis, crystal structures and magnetic properties of $\text{NBu}_4[\text{ReBr}_4(\text{OCN})(\text{DMF})]$ and $(\text{NBu}_4)_2[\text{ReBr}(\text{OCN})_2(\text{NCO})_3]$. <i>Inorganica Chimica Acta</i> , 2006, 359, 4343-4349.	2.4	28
327	Copper(II) complexes with 2,5-bis(2-pyridyl)pyrazine and 1,1,3,3-tetracyano-2-ethoxypropenide anion: Syntheses, crystal structures and magnetic properties. <i>Polyhedron</i> , 2009, 28, 1287-1294.	2.2	28
328	A Two-Dimensional Oxamate- and Oxalate-Bridged $\text{Cu}^{\text{II}}/\text{Mn}^{\text{II}}$ Motif: Crystal Structure and Magnetic Properties of $(\text{Bu}_4\text{N})_2[\text{Mn}_2\{\text{Cu}(\text{opba})\}_2\text{ox}]$. <i>Inorganic Chemistry</i> , 2013, 52, 8812-8819.	4.0	28
329	High-Temperature Spin Crossover in a Mononuclear Six-Coordinate Cobalt(II) Complex. <i>Inorganic Chemistry</i> , 2014, 53, 10009-10011.	4.0	28
330	Formation in solution, synthesis, crystal structure, and magnetic properties of μ -hydroxo- μ -perchlorato-bis[(diethylenetriamine) perchloratocopper(II)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2207-2212.	1.1	27
331	Synthesis, Crystal Structure, and Magnetic Properties of an Octanuclear Nickel(II) Complex with a hexahydro-Ni ₈ Core. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1485-1487.	4.4	27
332	Synthesis and crystal structure of the low-spin iron(II) complex $[\text{Fe}(\text{bpym})_3](\text{ClO}_4)_2 \cdot 1/4\text{H}_2\text{O}$ (bpym=2,2'-bipyrimidine). <i>Inorganica Chimica Acta</i> , 1997, 255, 185-188.	2.4	27
333	Synthesis, spectroscopic and structural characterization of $[\text{Cu}(\text{phen})(\text{C}_5\text{O}_5)(\text{H}_2\text{O})] \cdot \text{H}_2\text{O}$, $[\text{Ni}(\text{terpy})(\text{C}_5\text{O}_5)(\text{H}_2\text{O})] \cdot \text{H}_2\text{O}$ and $[\text{Ni}(\text{terpy})_2](\text{NO}_3)_2 \cdot 0.5\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2005, 741, 121-128.	3.6	27
334	Charge transfer salts containing a paramagnetic cyano-complex and iodine substituted organic donor involving σ -I(donor)- π -N(anion)-interactions. <i>Comptes Rendus Chimie</i> , 2005, 8, 1286-1297.	0.5	27
335	New cyanide-bridged Mn(II)-M(III) heterometallic dinuclear complexes constructed from $[\text{M}(\text{AA})(\text{CN})_4]^{2-}$ building blocks (M = Cr and Fe): synthesis, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2011, 40, 4898.	3.3	27
336	Novel Malonate-Containing Coordination Compounds with Ligands Having N- and NO-Donors: Synthesis, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012, 12, 599-614.	3.0	27
337	A cyanide and hydroxo-bridged nanocage: a new generation of coordination clusters. <i>Chemical Communications</i> , 2013, 49, 1181.	4.1	27
338	Syntheses, crystal structures and magnetic properties of five new manganese(II) complexes: influence of the conformation of different alkyl/aryl substituted malonate ligands on the crystal packing. <i>CrystEngComm</i> , 2014, 16, 2766.	2.6	27
339	Rational Synthesis of Chiral Metal-Organic Frameworks from Preformed Rodlike Secondary Building Units. <i>Inorganic Chemistry</i> , 2017, 56, 6551-6557.	4.0	27
340	Syntheses, crystal structures and magnetic properties of one-, two- and three-dimensional 2,2'-bipyrimidine-containing copper(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1679-1686.	1.1	26
341	Interaction between heterobinuclear molecules and nature of the ground spin state in oximate-bridged $[\text{Cu}(\text{M})]_2$ bis-binuclear complexes (M=Cu, Ni, Mn): crystal structure of $[\text{Cu}(\text{pdmg})\text{Ni}(\text{Me}_3[12]\text{N}_3)(\text{EtOH})](\text{ClO}_4)_2$. <i>Inorganica Chimica Acta</i> , 1999, 288, 57-68.	2.4	26
342	Copper(II)-assisted hydrolysis of 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine (tpymt): syntheses, crystal structures and magnetic properties of $[\text{Cu}(\text{bpcam})(\text{H}_2\text{O})_2]\text{ClO}_4 \cdot 3\text{H}_2\text{O}$, $[\text{Cu}(\text{bpcam})(\text{H}_2\text{O})_2][\text{Cu}(\text{bpcam})(\text{H}_2\text{O})(\text{SO}_4)] \cdot 2\text{H}_2\text{O}$ and $[\text{Cu}_2(\text{bpcam})_2(\text{H}_2\text{O})_2(\text{SO}_4)] \cdot \text{H}_2\text{O}$ [bpcam=bis(2-pyrimidylcarbonyl)amidate]. <i>Inorganica Chimica Acta</i> , 2005, 358, 1113-1124.	2.4	26

#	ARTICLE	IF	CITATIONS
343	Synthesis, Structural, Thermal and Magnetic Characterization of a Pyrophosphato-Bridged Cobalt(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2691-2697.	2.0	26
344	A three-dimensional copper(ii) 12-metallacrown-4 complex with malonomonohydroxamic acid (H3mmh) as a ligand. <i>New Journal of Chemistry</i> , 2011, 35, 1817.	2.8	26
345	Towards a better understanding of honeycomb alternating magnetic networks. <i>Dalton Transactions</i> , 2015, 44, 11040-11051.	3.3	26
346	Solution chemistry of N,N'-ethylenebis(salicylideneimine) and its copper(II), nickel(II) and iron(III) complexes. <i>Inorganica Chimica Acta</i> , 1991, 189, 195-206.	2.4	25
347	Synthesis, crystal structure and magnetic properties of a new cyanide-bridged iron(III)-nickel(II) ferromagnetic chain. <i>Inorganica Chimica Acta</i> , 2008, 361, 3912-3918.	2.4	25
348	Unprecedented coexistence of cyano-bridged Mn ⁴⁺ Cr ^{III} and Mn ²⁺ Cr ^{III} heterobimetallic complexes in one single crystal. <i>Dalton Transactions</i> , 2009, , 37-40.	3.3	25
349	A heteropentanuclear oxalato-bridged [ReIV4GdIII] complex: synthesis, crystal structure and magnetic properties. <i>Chemical Communications</i> , 2012, 48, 9242.	4.1	25
350	Synthesis, Structure, and Magnetic Properties of Regular Alternating 1/4-bpm/di-1/4-X Copper(II) Chains (bpm) Tj ETQo0 0 0 rgBT /Overlo	4.0	25
351	Anion-Directed Self-Assembly of Unusual Discrete and One-Dimensional Copper(II) Complexes of 3,6-Bis(2- π -pyridyl)pyridazine. <i>Crystal Growth and Design</i> , 2013, 13, 270-281.	3.0	25
352	Dicopper(II) Metallacyclophanes with Electroswitchable Polymethyl-Substituted π -Phenylene Spacers. <i>Chemistry - A European Journal</i> , 2013, 19, 12124-12137.	3.3	25
353	Metamagnetic behaviour in a new Cu(ii)Re(iv) chain based on the hexachlororhenate(iv) anion. <i>Chemical Communications</i> , 2014, 50, 5840.	4.1	25
354	A solution study of the protonation and deprotonation equilibria of 5,10,15,20-tetra(p-sulphonatophenyl)porphyrin. Stability constants of its magnesium(II), copper(II) and zinc(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1945-1949.	1.1	24
355	Metal-organic coordination frameworks based on mixed methylmalonate and 4,4'-bipyridine ligands: synthesis, crystal structure and magnetic properties. <i>New Journal of Chemistry</i> , 2010, 34, 2515.	2.8	24
356	Dinuclear, tetranuclear and one-dimensional pyrazine-based copper(ii) complexes: preparation, X-ray structure and magnetic properties. <i>Dalton Transactions</i> , 2010, 39, 167-179.	3.3	24
357	Cubane-Type Cu ^{II} ₄ and Mn ^{II} ₂ Mn ^{III} ₂ Complexes Based on Pyridoxine: A Versatile Ligand for Metal Assembling. <i>Inorganic Chemistry</i> , 2013, 52, 11934-11943.	4.0	24
358	Enantioselective self-assembly of antiferromagnetic hexacopper(ii) wheels with chiral amino acid oxamates. <i>Chemical Communications</i> , 2013, 49, 5942.	4.1	24
359	Ferromagnetic coupling and spin canting behaviour in heterobimetallic Re ^{IV} M ^{II/III} (M = Co ^{II} , Ni ^{II}) species. <i>Dalton Transactions</i> , 2013, 42, 1687-1695.	3.3	24
360	Hydrogen-bonded 2-(2-pyridyl)imidazole (pyim) manganese(II) complexes as building blocks for molecular assembling: Syntheses and structural characterization of cis-[Mn(pyim)2X2] compounds (X=, NCO ⁻ and NCS ⁻). <i>Inorganica Chimica Acta</i> , 2008, 361, 2499-2507.	2.4	23

#	ARTICLE	IF	CITATIONS
361	Topological control of the spin coupling in dinuclear copper(II) complexes with meta- and para-phenylenediamine bridging ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 1984-1994.	2.4	23
362	A Copper(II)-Cytidine Complex as a Building Unit for the Construction of an Unusual Three-Dimensional Coordination Polymer. <i>Crystal Growth and Design</i> , 2010, 10, 1757-1761.	3.0	23
363	Synthetically persistent, self assembled [VIV ₂ V ₄] polyoxovanadates: Facile synthesis, structure and magnetic analysis. <i>Dalton Transactions</i> , 2011, 40, 12248.	3.3	23
364	A step further in the comprehension of the magnetic coupling in gadolinium(III)-based carboxylate complexes. <i>Polyhedron</i> , 2013, 52, 321-332.	2.2	23
365	Effect of Protonated Organic Cations and Anion-π Interactions on the Magnetic Behavior of Hexabromorhenate(IV) Salts. <i>Crystal Growth and Design</i> , 2015, 15, 2598-2601.	3.0	23
366	Exploring the biological, catalytic, and magnetic properties of transition metal coordination complexes incorporating pyrophosphate. <i>Coordination Chemistry Reviews</i> , 2019, 384, 37-64.	18.8	23
367	<i>Ferrocene containing chelating ligands 3. Synthesis, spectroscopic characterization, electrochemical behaviour and interaction with metal ions of new ligands obtained by condensation of ferrocenecarboxaldehyde with 2-amino-benzoic acid derivatives. Crystal structures of 2-ferrocenylmethylamino-5-methyl-benzoic acid and 2-bis(ferrocenylmethyl)ammonium-5-methyl-benzoic acid perchlorate. Inorganica Chimica Acta</i> , 1995, 231, 45-56.	2.4	22
368	Syntheses, crystal structures and magnetic properties of mono- and polynuclear [bis(2-arylcarbonyl)amidate]copper(II) complexes. <i>Polyhedron</i> , 2008, 27, 559-573.	2.2	22
369	Crystal Engineering of Complexes of Propane-1,2,3-tricarboxylic Acid (H ₃ tca) with Lanthanide(III) Cations. <i>Crystal Growth and Design</i> , 2008, 8, 1313-1318.	3.0	22
370	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Tetranuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Rack-Type Cu ^{II} ₂ M ^{II} ₂ Complexes (M = Cu and Ni) with Tetranucleating Phenylmedioxamate Bridging Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 4661-4673.	4.0	22
371	structures and magnetic properties of XPh ₄ [Cr(dmbipy)(ox) ₂] ⁵⁻ ·5H ₂ O (X = P and As), {Ba(H ₂ O) ₂ [Cr(dmbipy)(ox) ₂] ₂ } _n ·17/2nH ₂ O ²² and {Ag(H ₂ O)[Cr(dmbipy)(ox) ₂] _n ·3nH ₂ O. <i>CrystEngComm</i> , 2010, 12, 122-133.	2.6	22
372	Redox switching of the antiferromagnetic coupling in permethylated dicopper(ii) paracyclophanes. <i>Chemical Communications</i> , 2012, 48, 8401.	4.1	22
373	Dicopper(II) Metallacyclophanes with Oligo(p-phenylene-ethynylene) Spacers: Experimental Foundations and Theoretical Predictions on Potential Molecular Magnetic Wires. <i>Inorganic Chemistry</i> , 2013, 52, 7645-7657.	4.0	22
374	Ascorbic acid decomposition into oxalate ions: a simple synthetic route towards oxalato-bridged heterometallic 3d ^{4f} clusters. <i>Dalton Transactions</i> , 2015, 44, 7148-7151.	3.3	22
375	Crystal Engineering Applied to Modulate the Structure and Magnetic Properties of Oxamate Complexes Containing the [Cu(bpca)] ⁺ Cation. <i>Crystal Growth and Design</i> , 2016, 16, 4094-4107.	3.0	22
376	Sustainable Construction of Heterocyclic 1,2,3-Triazoles by Strict Click [3+2] Cycloaddition Reactions Between Azides and Alkynes on Copper/Carbon in Water. <i>Frontiers in Chemistry</i> , 2019, 7, 81.	3.6	22
377	Synthesis, characterization and crystal structure of 2-dicyanomethylene-1,3-bis(ferrocenylmethyl)-1,3-diazolidine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1999-2003.	1.1	21
378	Synthesis, crystal structure and magnetic properties of the first structurally characterized 1,2-dithioconato-containing Cu(II) complex, [Cu(bpca)(H ₂ O)] ₂ [Cu(1,2-dtcr) ₂] ²⁺ ·2H ₂ O. <i>Inorganica Chimica Acta</i> , 1996, 250, 219-225.	2.4	21

#	ARTICLE	IF	CITATIONS
379	Generation of lanthanide coordination polymers with dicarboxylate ligands: synthesis, structure, thermal decomposition and magnetic properties of the two-dimensional triaquatris(malonato)dipraseodymium(III) dihydrate $\{[\text{Pr}_2(\text{C}_3\text{H}_2\text{O}_4)_3(\text{H}_2\text{O})_3]\cdot 2\text{H}_2\text{O}\}$. <i>CrystEngComm</i> , 2000, 2, 169-173.	2.6	21
380	Metamorphosis of a butterfly: synthesis, structural, thermal, magnetic and DFT characterisation of a ferromagnetically coupled tetranuclear copper(II) complex. <i>Dalton Transactions</i> , 2007, , 5140.	3.3	21
381	Very Long-Distance Magnetic Coupling in a Dicopper(II) Metallacyclophane with Extended π -Conjugated Diphenylethyne Bridges. <i>Inorganic Chemistry</i> , 2011, 50, 11279-11281.	4.0	21
382	Chromium(III) complexes with 2-(2-pyridyl)imidazole: Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2011, 376, 358-366.	2.4	21
383	Bis(oxamato)palladate(II) complexes: synthesis, crystal structure and application to catalytic Suzuki reaction. <i>Journal of Coordination Chemistry</i> , 2014, 67, 4003-4015.	2.2	21
384	Palladium(II)-Copper(II) Assembling with Bis(2-pyridylcarbonyl)amidate and Bis(oxamate) Type Ligands. <i>Crystal Growth and Design</i> , 2015, 15, 1325-1335.	3.0	21
385	Bis(N-substituted oxamate)palladate(μ - η^2) complexes as effective catalysts for sustainable Heck carbon-carbon coupling reactions in n-Bu ₄ NBr as the solvent. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 1029-1039.	6.0	21
386	$\{\text{Co}^{\text{III}}\text{Mn}^{\text{III}}\}_n$ corrugated chains based on heteroleptic cyanido metalloligands. <i>RSC Advances</i> , 2015, 5, 95410-95420.	3.6	21
387	Cyanido-Bridged $\{\text{Ln}^{\text{III}}\text{W}^{\text{V}}\}$ Heterobinuclear Complexes: Synthesis and Magneto-Structural Study. <i>Inorganic Chemistry</i> , 2017, 56, 12594-12605.	4.0	21
388	A combined computational and experimental study on the mild steel corrosion inhibition in hydrochloric acid by new multifunctional phosphonic acid containing 1,2,3-triazoles. <i>Journal of Adhesion Science and Technology</i> , 2020, 34, 1741-1773.	2.6	21
389	Synthesis, crystal structure and magnetic properties of the manganese(II) chains $[\text{Mn}(\text{bipym})(\text{NO}_3)_2]$ and $[\text{Mn}(\text{bipym})(\text{NCO})_2]$ (bipym = 2,2'-bipyrimidine). <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 601-606.	2.1	20
390	Tuning up the Tc in Mn(II)Cu(II) bimetallic planes and design of molecular-based magnets. <i>Inorganica Chimica Acta</i> , 1998, 278, 159-169.	2.4	20
391	Copper(II) complexes of 1,4,5,8,9,12-hexaazatriphenylene with oxalate, squarate, perchlorate as auxiliary ligands or counter ion. <i>Journal of Molecular Structure</i> , 2002, 606, 253-265.	3.6	20
392	Ligand substitution in hexahalorhenate(IV) complexes: Synthesis, crystal structures and magnetic properties of $\text{NBu}_4[\text{ReX}_5(\text{DMF})]$ (X=Cl and Br). <i>Inorganica Chimica Acta</i> , 2006, 359, 3291-3296.	2.4	20
393	Spin canting in Re(IV) complexes: magnetic properties of $[\text{ReX}_4(\text{bpym})]$ (X = Cl and Br; bpym = 1,2,4,5-tetraaza-7,8-diazapentalene). <i>Inorganic Chemistry</i> , 2002, 41, 10784-10791.	2.2	20
394	Manganese(II) complexes with croconate and 2-(2-pyridyl)imidazole ligands: Syntheses, X-ray structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 2636-2642.	2.4	20
395	Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2010, 363, 823-826.	2.4	20
396	Synthesis, crystal structure and magnetic properties of an oxalato-bridged $\text{Re}^{\text{IV}}\text{Mo}^{\text{VI}}$ heterobimetallic complex. <i>Dalton Transactions</i> , 2011, 40, 4818-4820.	3.3	20

#	ARTICLE	IF	CITATIONS
397	Pillaring Role of 4,4'-Azobis(pyridine) in Substituted Malonate-Containing Manganese(II) Complexes: Syntheses, Crystal Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012, 12, 4505-4518.	3.0	20
398	One-dimensional coordination polymers constructed from di- and trinuclear {3d ^{4f} } tectons. A new useful spacer in crystal engineering: 1,3-bis(4-pyridyl)azulene. <i>CrystEngComm</i> , 2014, 16, 319-327.	2.6	20
399	Two-Dimensional 3d ^{4f} Heterometallic Coordination Polymers: Syntheses, Crystal Structures, and Magnetic Properties of Six New Co(II)-Ln(III) Compounds. <i>Inorganic Chemistry</i> , 2014, 53, 6299-6308.	4.0	20
400	Structural, photophysical and magnetic properties of transition metal complexes based on the dipicolylamino-chloro-1,2,4,5-tetrazine ligand. <i>Dalton Transactions</i> , 2015, 44, 8855-8866.	3.3	20
401	Coordination Modes of the 1,3-Dithiosquarate (1,3-dtsq) Ligand. Syntheses, Crystal Structures, and Magnetic Properties of [Ni(tren)(1,3-dtsq)(H ₂ O)] and [Ni ₂ (tren) ₂ (1,3-dtsq)](ClO ₄) ₂ [tren = Tris(2-aminoethyl)amine]. <i>Inorganic Chemistry</i> , 1996, 35, 2858-2865.	4.0	19
402	Preparation and crystal structure of the oxalato-bridged CrIII-AgI two-dimensional compound {Ag ₃ (H ₂ O)[Cr(dpa)(ox) ₂] ₃ ·2nH ₂ O (dpa = 2,2'-dipyridylamine). <i>CrystEngComm</i> , 2004, 6, 11-18.	2.6	19
403	Building-block process for the synthesis of new chromium(III) malonate complexes. <i>CrystEngComm</i> , 2010, 12, 2711.	2.6	19
404	Solvothermal synthesis, crystal structure and magnetic properties of homometallic Co(II) and Cu(II) chains with double di(4-pyridyl)sulfide as bridges. <i>Polyhedron</i> , 2012, 45, 1-8.	2.2	19
405	The crystal structure and magnetic properties of 3-pyridinecarboxylate-bridged Re(ⁱⁱ)M(ⁱⁱ) complexes (M = Cu, Ni, Co and Mn). <i>Dalton Transactions</i> , 2015, 44, 11636-11648.	3.3	19
406	Magnetism in Heterobimetallic and Heterotrimetallic Chains Based on the Use of [W ^v (bipy)(CN) ₆] ⁺ as a Metalloligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 360-369.	2.0	19
407	Design of 3d ^{4f} molecular squares through the [Fe{(HB(pz)) ₃ }(CN) ₃] ⁺ metalloligand. <i>Dalton Transactions</i> , 2018, 47, 6005-6017.	3.3	19
408	A dihydrogen arsenate-mediated supramolecular network: crystal structure and magnetic properties of {[ⁱⁱ (bipy)Cu(1/4-H ₂ AsO ₄)(H ₂ AsO ₄)] ₂ } _n . <i>CrystEngComm</i> , 2002, 4, 13-16.	2.6	18
409	New 3d ^{4f} supramolecular systems constructed by [Fe(bipy)(CN) ₄] ⁺ and partially blocked lanthanide cations. <i>Polyhedron</i> , 2009, 28, 851-859.	2.2	18
410	[Cu ₃ (Hmesox) ₃] ³⁺ : a Precursor for the Rational Design of Chiral Molecule-Based Magnets (H ₄ mesox = 2-dihydroxymalonic acid). <i>Inorganic Chemistry</i> , 2010, 49, 7880-7889.	4.0	18
411	Self-Assembled One- and Two-Dimensional Networks Based on NH ₂ Me ₂ [ReX ₅ (DMF)] (X = Cl and Br) Species: Polymorphism and Supramolecular Isomerism in Re(IV) Compounds. <i>Crystal Growth and Design</i> , 2011, 11, 1733-1741.	3.0	18
412	Geometric isomeric pairs: synthesis, structure, thermal decomposition and magnetic properties of cis- and trans-[Cr(mal)(bpy)(H ₂ O) ₂][NO ₃] _x ·xH ₂ O (H ₂ mal=malonic acid, bpy=2,2'-bipyridine). <i>Inorganica Chimica Acta</i> , 2001, 313, 87-94.	2.4	17
413	Synthesis, X-ray Structure, Thermal and Magnetic Behavior of [(bipy) ₂ Ni ₂ (1/4-Cl) ₂ Cl ₂ (H ₂ O) ₂]: The First Neutral Ferromagnetically Coupled Six-Coordinate Dichlorido-Bridged Nickel(II) Dimer. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2083-2088.	2.0	17
414	Influence of the alkaline earth cations on the topology of M ^{II} /Cu ^{II} mixed-metal-organic frameworks (M = Ca, Sr and Ba). <i>CrystEngComm</i> , 2012, 14, 761-764.	2.6	17

#	ARTICLE	IF	CITATIONS
415	Theoretical Insights into the Ferromagnetic Coupling in Oxalato-Bridged Chromium(III)-Cobalt(II) and Chromium(III)-Manganese(II) Dinuclear Complexes with Aromatic Diimine Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 3289-3301.	4.0	17
416	Self-assembly of a chiral three-dimensional manganese(ii)–copper(ii) coordination polymer with a double helical architecture. <i>CrystEngComm</i> , 2013, 15, 9312.	2.6	17
417	Self-Assembly of the Hexabromorhenate(IV) Anion with Protonated Benzotriazoles: X-ray Structure and Magnetic Properties. <i>Crystal Growth and Design</i> , 2014, 14, 5985-5990.	3.0	17
418	The influence of pseudohalide ligands on the SIM behaviour of four-coordinate benzylimidazole-containing cobalt(II) complexes. <i>Dalton Transactions</i> , 2018, 47, 5831-5842.	3.3	17
419	Low-temperature structures of catena-(bipyrimidine-N,N')bis(thiocyanato)copper(II) and poly-(1/4-bipyrimidine-N,N',N'',N''')tetrakis(thiocyanato)dicationic copper(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 457-460.	0.4	16
420	Synthesis, crystal structure and magnetic properties of the alternating chain [VO(H ₂ O) ₅][Cu ₂ (bipym) ₂ (H ₂ O)(SO ₄) ₃]·7H ₂ O (bipym = 2,2'-bipyrimidine). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1879-1884.	1.1	16
421	Magneto-structural studies on heterobimetallic malonate-bridged MIIIReIV complexes (M = Mn, Co, Ni). <i>Journal of Inorganic Biochemistry</i> , 2010, 100, 1078-1084.	3.3	16
422	Magneto-Structural Study of an Oxamato-Bridged Pd ^{II} /Co ^{II} Chain: X-ray Crystallographic Evidence of a Single-Crystal to Single-Crystal Phase Transition. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5685-5693.	2.0	16
423	Synthesis, Crystal Structure and Magnetic Characterization of a Series of Compounds with an Unusual Single Crystal to Single Crystal Phase Transition. <i>Crystal Growth and Design</i> , 2013, 13, 4735-4745.	3.0	16
424	Multielectron transfer in a dicopper(II) anthraquinophane. <i>Chemical Communications</i> , 2013, 49, 3534.	4.1	16
425	A Chiral, Photoluminescent, and Spin-Canted {CuIReIV} ₂ n Branched Chain. <i>Inorganic Chemistry</i> , 2015, 54, 4594-4596.	4.0	16
426	Oxotris(oxalato)niobate(V) as counterion in cobalt(II) spin-crossover systems. <i>Polyhedron</i> , 2016, 117, 710-717.	2.2	16
427	Dicopper(II) Metallacyclophanes with λ^2 -N,N'-2,6-Pyridinebis(oxamate): Solution Study, Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2016, 55, 2390-2401.	4.0	16
428	Three different types of bridging ligands in a 3d ⁶ -3d ⁶ -3d ⁶ heterotrimetallic chain. <i>Dalton Transactions</i> , 2018, 47, 1010-1013.	3.3	16
429	Copper(II)-methylmalonate complexes with unidentate N-donor ligands: Syntheses, structural characterization and magnetic properties. <i>Polyhedron</i> , 2009, 28, 1802-1807.	2.2	15
430	Synthesis, Structural Analysis, and Magnetic Properties of Ethylmalonate-Manganese(II) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 10765-10776.	4.0	15
431	Mononuclear Fe(III) and tetranuclear [Fe(III)Gd(III)] ₂ complexes with a Schiff-base ligand derived from the o-vanillin: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2011, 30, 2414-2420.	2.2	15
432	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. <i>Chemical Communications</i> , 2012, 48, 3539.	4.1	15

#	ARTICLE	IF	CITATIONS
433	Solid-State Aggregation of Metallacyclophane-Based Mn ^{II} Cu ^{II} One-Dimensional Ladders. <i>Inorganic Chemistry</i> , 2012, 51, 7019-7021.	4.0	15
434	Dicopper(II) Anthraquinophanes as Multielectron Reservoirs for Oxidation and Reduction: A Joint Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2014, 20, 13965-13975.	3.3	15
435	Synthesis, Crystal Structure, and Magnetic Characterization of the Three-Dimensional Compound [Co ₂ (cbut)(H ₂ O) ₃] _n (H ₄ cbut =) Tj ETQq 1410.784314 rgBT /Ov	3.3	14
436	A heterobimetallic [MnII5CuII5] nanowheel modulated by a flexible bis-oxamate type ligand. <i>Dalton Transactions</i> , 2015, 44, 10939-10942.	3.3	15
437	An {Fe ₆₀ } tetrahedral cage: building nanoscopic molecular assemblies through cyanometallate and alkoxo linkers. <i>Dalton Transactions</i> , 2016, 45, 17610-17615.	3.3	15
438	Copper(II)-dipicolinate-mediated clickable azide-alkyne cycloaddition in water as solvent. <i>Journal of Coordination Chemistry</i> , 2018, 71, 633-643.	2.2	15
439	2D and 3D mixed M ^{II} /Cu ^{II} metal-organic frameworks (M = Ca and Sr) with N ₂ , N ₂ -2,6-pyridinebis(oxamate) and oxalate: preparation and magneto-structural study. <i>Dalton Transactions</i> , 2018, 47, 11539-11553.	3.3	15
440	An Overview on the Performance of 1,2,3-Triazole Derivatives as Corrosion Inhibitors for Metal Surfaces. <i>International Journal of Molecular Sciences</i> , 2022, 23, 16.	4.1	15
441	A new eight-coordinate complex of manganese(II): synthesis, crystal structure, spectroscopy and magnetic properties of [Mn(Hoxam) ₂ (H ₂ O) ₄] (H ₂ oxam=oxamic acid). <i>Inorganica Chimica Acta</i> , 2001, 315, 120-125.	2.4	14
442	Dithiosquarate (dtsq) complexes of nickel(II). Syntheses and crystal structures of [Ni(phen) ₂ (1,2-dtsq)]·3.5H ₂ O, [Ni(phen) ₂ (1,3-dtsq)] and [Ni(tren)(1,2-dtsq)] [phen=1,10-phenanthroline; tren=tris(2-aminoethyl)amine]. <i>Inorganica Chimica Acta</i> , 2003, 353, 159-167.	2.4	14
443	First Magnetostructural Study on a Heterodinuclear 2,2'-Bipyrimidine-Bridged Complex. <i>Inorganic Chemistry</i> , 2011, 50, 12405-12407.	4.0	14
444	Self-assembly, metal binding ability, and magnetic properties of dinickel(ii) and dicobalt(ii) triple mesocates. <i>CrystEngComm</i> , 2012, 14, 5639.	2.6	14
445	Synthesis, crystal structure and magnetic properties of the Re(ii) complexes NBu ₄ [Re(NO)Br ₄ (L)] (L =) Tj ETQq 1 1 0.784314 rgBT /Ov	3.3	14
446	Solvent-driven dimensionality control in molecular systems containing CuII, 2,2'-bipyridine and an oxamato-based ligand. <i>CrystEngComm</i> , 2013, 15, 10165.	2.6	14
447	Magnetic coupling and spin topology in linear oxalato-bridged tetranuclear chromium(III)-copper(II) complexes with aromatic diimine ligands. <i>Polyhedron</i> , 2013, 52, 1246-1255.	2.2	14
448	Influence of the coligand in the magnetic properties of a series of copper(ii)-phenylmalonate complexes. <i>CrystEngComm</i> , 2014, 16, 8106-8118.	2.6	14
449	Cyanido-Bearing Cobalt(II/III) Metalloligands - Synthesis, Crystal Structure, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4564-4572.	2.0	14
450	Influence of Copper(II) and Nickel(II) Ions in the Topology of Systems Based on a Flexible Bis-Oxamate and Bipyridine Building Blocks. <i>Crystal Growth and Design</i> , 2014, 14, 5929-5937.	3.0	14

#	ARTICLE	IF	CITATIONS
451	Solid-state cis–trans isomerism in bis(oxamato)palladate(II) complexes: synthesis, structural studies and catalytic activity. <i>CrystEngComm</i> , 2014, 16, 6971.	2.6	14
452	Antiferromagnetic Interactions in Copper(II) μ -Oxalato Dinuclear Complexes: The Role of the Counterion. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 509-516.	2.0	14
453	Influence of the pyrazine substituent on the structure and magnetic properties of dicyanamide-bridged cobalt(II) complexes. <i>Dalton Transactions</i> , 2019, 48, 17266-17280.	3.3	14
454	Crystal and Molecular Structure of Tris(1,10-phenanthroline)copper(II) Trifluoromethylsulfonate Monohydrate. <i>Acta Chemica Scandinavica</i> , 1999, 53, 631-633.	0.7	14
455	Potentiometric study of the formation of hydroxo complexes of [Cu(terpy)] ²⁺ . Synthesis and crystal structure of [Cu(terpy)(H ₂ O)](CF ₃ SO ₃) ₂ . <i>Transition Metal Chemistry</i> , 1992, 17, 263-269.	1.4	13
456	Syntheses, crystal structures and magnetic properties of dinuclear copper(II) complexes with pyrazino[2,3- <i>bc</i>][4,7]phenanthroline (pap) as bridging ligand. <i>Dalton Transactions RSC</i> , 2000, , 515-522.	2.3	13
457	New anionic cobalt complexes using highly hindered bis-amides with varying donor abilities as ligands. <i>Dalton Transactions</i> , 2007, , 2135-2144.	3.3	13
458	Synthesis, Structural, Magnetic and Thermal Characterization of {[Cu(bipy)] ₂ (H ₂ O) ₇ Cl}·H ₂ O. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5281-5286.	2.0	13
459	All-cis-1,2,3,4,5,6-cyclohexanhexacarboxylate two-dimensional gadolinium(III) complexes: Synthesis, X-ray crystal structure and magnetic properties. <i>Polyhedron</i> , 2010, 29, 188-195.	2.2	13
460	A Theoretical Study of the Relationship between the Electrophilicity ρ Index and Hammett Constant σ in [3+2] Cycloaddition Reactions of Aryl Azide/Alkyne Derivatives. <i>Molecules</i> , 2016, 21, 1434.	3.8	13
461	Magneto-structural correlations in a family of Re ^{IV} Cu ^{II} chains based on the hexachlororhenate(IV) metalloligand. <i>Dalton Transactions</i> , 2017, 46, 16025-16033.	3.3	13
462	Synthesis, spectroscopic characterization and electrochemical behaviour of nickel(II) complexes with C-meso-5,5,7,12,12,14-hexamethylcyclotetradecane (Me ₆ [14]aneN ₄). Crystal structure of {Ni(Me ₆ [14]aneN ₄) ₂ }. <i>Transition Metal Chemistry</i> , 1993, 18, 523-527.	1.4	12
463	Relatively strong intramolecular antiferromagnetic coupling in a neutral Cr ^{III} Nb ^V heterobimetallic molecular square. <i>Chemical Communications</i> , 2015, 51, 11806-11809.	4.1	12
464	Ferromagnetic Coupling in μ -Double-Bridged-Dihydrogenpyrophosphate Complexes of Cobalt(II) and Nickel(II). <i>Inorganic Chemistry</i> , 2015, 54, 6537-6546.	4.0	12
465	Mononuclear lanthanide(III)-oxamate complexes as new photoluminescent field-induced single-molecule magnets: solid-state photophysical and magnetic properties. <i>Dalton Transactions</i> , 2020, 49, 16106-16124.	3.3	12
466	Europium(III), Terbium(III), and Gadolinium(III) Oxamate-Based Coordination Polymers: Visible Luminescence and Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2021, 60, 6176-6190.	4.0	12
467	Calorimetric and potentiometric study of the deprotonation reactions of violuric acids. <i>Thermochimica Acta</i> , 1985, 89, 343-350.	2.7	11
468	TTF charge transfer salts containing cyanometallate anions [M(phen)(CN) ₄] [−] (M=Cr or Fe; Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Tc	2.4	11

#	ARTICLE	IF	CITATIONS
469	Syntheses, crystal structures and magnetic properties of tricyanomethanide-containing bis(2-pyrimidylcarbonyl)amidate copper(II) complexes. <i>Polyhedron</i> , 2008, 27, 2577-2584.	2.2	11
470	Variation of the ground spin state in homo- and hetero-octanuclear copper(II) and nickel(II) double-star complexes with a meso-helicate-type metallacryptand core. <i>Dalton Transactions</i> , 2010, 39, 4786.	3.3	11
471	Unexpected magnetic topology in the heterobimetallic [ReIVBr ₄ ($\frac{1}{4}$ -ox)Cull(bpy) ₂] compound. <i>Inorganica Chimica Acta</i> , 2011, 370, 394-397.	2.4	11
472	Synthesis, crystal structure and magnetic properties of the helical oxalate-bridged copper(II) chain $\{[(CH_3)_4N]_2[Cu(C_2O_4)_2 \cdot nH_2O]\}_n$. <i>Comptes Rendus Chimie</i> , 2012, 15, 856-865.	0.5	11
473	Synthesis, structural, thermal, and magnetic investigations of Co(II), Ni(II), and Mn(II) pyrophosphate chains. <i>Inorganica Chimica Acta</i> , 2012, 389, 151-158.	2.4	11
474	C ₃ -symmetric trinuclear copper(II) species as tectons in crystal engineering. <i>CrystEngComm</i> , 2013, 15, 294-301.	2.6	11
475	Solution and solid state studies with the bis-oxalato building block [Cr(pyim)(C ₂ O ₄) ₂] ⁺ [pyim=2-(2- π -pyridyl)imidazole]. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3349-3364.	2.2	11
476	Cobalt(II) and copper(II) assembling through a functionalized oxamate-type ligand. <i>Polyhedron</i> , 2014, 81, 105-114.	2.2	11
477	Crystal growth and structural remarks on malonate-based lanthanide coordination polymers. <i>CrystEngComm</i> , 2016, 18, 7831-7842.	2.6	11
478	Synthesis, crystal structure and magnetic properties of a cyanide-bridged heterometallic {Co ^{II} Mn ^{III} } chain. <i>Dalton Transactions</i> , 2017, 46, 39-43.	3.3	11
479	Copper(I)-chitin biopolymer based: An efficient and recyclable catalyst for click azide-alkyne cycloaddition reactions in water. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6275.	3.5	11
480	Synthesis of heteroleptic violurato complexes of Co(II). Influence of the co-ordinated ligands on the protonation-deprotonation reactions of dihydrogenviolurate anion. Crystal structure of potassium dihydrogenviolurato(nitrilotriacetato)cobaltate(III) dihydrate, K[Co(H ₂ vi)(nta)] \cdot 2H ₂ O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2565-2570.	1.1	10
481	2,2'-Bipyrimidine (bpm)-bridged dinuclear complexes. 3. Structure of $\frac{1}{4}$ -(2,2'-bipyrimidine-N1,N1':N3,N3')bis(tetraaquazinc) disulfate dihydrate, [Zn ₂ ($\frac{1}{4}$ -bpm)(H ₂ O) ₈](SO ₄) ₂ \cdot 2H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 1034-1037.	0.4	10
482	Synthesis and crystal structure of the low-spin iron(II) complex [Fe(bpz) ₃](ClO ₄) ₂ \cdot H ₂ O (bpz=2,2'-bipyrazine). <i>Inorganica Chimica Acta</i> , 2004, 357, 2609-2614.	2.4	10
483	A mixed-valence Cu(I)-Cu(II) and metal-metal bond containing coordination polymer obtained from an in situ oxidation reaction route. <i>Inorganica Chimica Acta</i> , 2006, 359, 2565-2568.	2.4	10
484	Copper(II)-phenylmalonate complexes with the bifunctional ligands nicotinamide and isonicotinamide. <i>Polyhedron</i> , 2011, 30, 2451-2458.	2.2	10
485	Neutron Diffraction Studies of the Molecular Compound [Co ₂ (bta)] ₂ (H ₄ bta = 1,2,4,5-Benzenetetracarboxylic Acid): In the Quest of Canted Ferromagnetism. <i>Inorganic Chemistry</i> , 2013, 52, 12818-12827.	4.0	10
486	Synthesis, crystal structure and magnetic properties of a new [Zn ₁₁ 6Dy ₁₁ 6] dodecanuclear motif. <i>Polyhedron</i> , 2013, 65, 238-243.	2.2	10

#	ARTICLE	IF	CITATIONS
487	Ligand Effects on the Structure and Magnetic Properties of Alternating Copper(II) Chains with 2,2'-Bipyrimidine- and Polymethyl-Substituted Pyrazolates as Bridging Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 5759-5771.	4.0	10
488	Discrete trinuclear copper(II) compounds as building blocks: the influence of the peripheral substituents on the magnetic coupling in oxamato-bridged complexes. <i>Dalton Transactions</i> , 2014, 43, 14586-14595.	3.3	10
489	Cadmium(II) coordination polymers based on substituted malonic acid: synthesis, characterization and photoluminescence properties. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1384-1392.	6.0	10
490	Towards oxalate-bridged iron(II), cobalt(II), nickel(II) and zinc(II) complexes through oxotris(oxalato)niobate(V): an open air non-oxidizing synthetic route. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1294-1306.	6.0	10
491	Mononuclear and One-Dimensional Cobalt(II) Complexes with the 3,6-Bis(picolylamino)-1,2,4,5-tetrazine Ligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 449-457.	2.0	10
492	Structurally characterized dipalladium(II)-oxamate metallacyclophanes as efficient catalysts for sustainable Heck and Suzuki reactions in ionic liquids. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2148-2156.	6.0	10
493	Hyperbranched polyethylenimine-supported copper(II) ions as a macroligated homogenous catalyst for strict click reactions of azides and alkynes in water. <i>Journal of Organometallic Chemistry</i> , 2019, 898, 120881.	1.8	10
494	Magneto-structural correlations in Ni(II) [2 Å– 2] metallogrids featuring a variable number of 1/4-aquo or 1/4-hydroxo extra bridges. <i>CrystEngComm</i> , 2019, 21, 917-924.	2.6	10
495	Magneto-structural diversity of Co(II) compounds with 1-benzylimidazole induced by linear pseudohalide coligands. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4535-4552.	6.0	10
496	Polymorphic Derivatives of Ni(II) and Co(II) Mesocates with 3D Networks and Brick and Mortar Structures: Preparation, Structural Characterization, and Cryomagnetic Investigation of New Single-Molecule Magnets. <i>Crystal Growth and Design</i> , 2020, 20, 2462-2476.	3.0	10
497	Assembling Magnetic Blocks: A Strategy to Control the Nuclearity and Magnetic Properties of Polynuclear Complexes. , 1996, , 555-596.		10
498	Study of the interaction of [Cu(bipy)] ²⁺ with oxalate and squarate in aqueous solution. <i>Transition Metal Chemistry</i> , 1988, 13, 455-458.	1.4	9
499	Synthesis and structure of aquabis(2,2'-bipyrimidine-N,N')copper(II) hexafluorophosphate dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1990, 46, 1828-1830.	0.4	9
500	Two different (croconato)(2,2':6',2''-terpyridyl)copper(II) complexes in one single crystal: structure of [Cu(C ₁₅ H ₁₁ N ₃)(H ₂ O)(C ₅ O ₅)] [Cu(C ₁₅ H ₁₁ N ₃)(C ₅ O ₅)]·4H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992, 48, 802-806.	0.4	9
501	Structures of bis(di-2-pyridylamine)dinitratocopper(II) and bis(acetato)bis(di-2-pyridylamine)copper(II) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1756-1761.	0.4	9
502	Solid-State Anion Guest Encapsulation by Metallosupramolecular Capsules Made from Two Tetranuclear Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4569-4573.	2.0	9
503	Syntheses, Characterization, and Magnetic Studies of Copper(II) Complexes with the Ligand N,N,N',N'-Tetrakis(2-pyridylmethyl)-1,3-benzenediamine (1,3-tpbd) and its Phenol Derivative 2,6-Bis[bis(2-pyridylmethyl)amino]-p-cresol (2,6-Htpcd). <i>Inorganic Chemistry</i> , 2012, 51, 88-97.	4.0	9
504	Self-assembly of the tetrachlorido(oxalato)rhenate(IV) anion with protonated organic cations: X-ray structures and magnetic properties. <i>CrystEngComm</i> , 2017, 19, 503-510.	2.6	9

#	ARTICLE	IF	CITATIONS
505	Synthesis, crystal structure and magnetic properties of $[\text{Co}(\text{bpcam})_2\text{ClO}_4 \cdot \text{dmsO} \cdot \text{H}_2\text{O}]$, $[\text{Co}(\text{bpcam})_2] \cdot \text{dmsO} \cdot \text{H}_2\text{O}$ and $[\text{Ni}(\text{bpcam})_2] \cdot \text{H}_2\text{O}$ [Hbpcam = bis(2-pyrimidylcarbonyl)amide]. <i>New Journal of Chemistry</i> , 2017, 41, 6911-6921.	2.8	9
506	Synthesis, Crystal Structure and Magnetic Properties of Three $\{\text{Cr}^{\text{III}}\text{Mn}^{\text{II}}\}$ Heterodimetallic Complexes Based on Heteroleptic Cyanido-Bearing Cr^{III} Building Blocks. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 349-359.	2.0	9
507	From Paramagnetic to Single-Molecule Magnet Behaviour in Heterobimetallic Compounds Containing the Tetrakis(thiocyanato- I^{N})cobaltate(II) Anion. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 816-825.	2.0	9
508	Trinuclear Nickel(II) and Cobalt(II) Complexes Constructed from Mannich-Schiff-Base Ligands: Synthesis, Crystal Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4773-4783.	2.0	9
509	When Molecular Magnetism Meets Supramolecular Chemistry: Multifunctional and Multiresponsive Dicopper(II) Metallacyclophanes as Proof-of-Concept for Single-Molecule Spintronics and Quantum Computing Technologies?. <i>Magnetochemistry</i> , 2020, 6, 69.	2.4	9
510	EPR evidence for an unexpected symmetric dinuclear species present in the lattice of an asymmetric dinuclear copper complex. <i>Inorganic Chemistry</i> , 1986, 25, 3181-3183.	4.0	8
511	Stability constants of metalloporphyrins. A study of the protonation, deprotonation, and formation of copper(II) and zinc(II) complexes of meso-tetra-(<i>p</i> -sulphonatophenyl)porphyrin. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 910-911.	2.0	8
512	The heterodinuclear iron(III) and copper(II) molecule $\text{Cu}(\text{salen})\text{Fe}(\text{acac})_2\text{NO}_3$ and its iron precursor $\text{Fe}(\text{acac})_2\text{NO}_3$. Synthesis, magnetic susceptibility, EPR and Mössbauer investigations. <i>Inorganica Chimica Acta</i> , 1992, 192, 107-115.	2.4	8
513	Structure of bis(2,2'-bipyrimidine- <i>N,N'</i>)dichlorocobalt(II), $[\text{Co}(\text{bpm})_2\text{Cl}_2]$. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1049-1052.	0.4	8
514	Copper(II) complexes with 2,5-bis(2-pyridyl)pyrazine and oxalate and croconate: Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2012, 389, 52-59.	2.4	8
515	Selective Guest Inclusion in Oxalate-Based Iron(III) Magnetic Coordination Polymers. <i>Inorganic Chemistry</i> , 2016, 55, 11160-11169.	4.0	8
516	Structural insight into the reaction mechanism of Pd-catalyzed nitrile hydration: Trapping the $[\text{Pd}(\text{H}_2\text{O})_4]^{2+}$ cation through a supramolecular complex. <i>Inorganica Chimica Acta</i> , 2016, 443, 267-273.	2.4	8
517	A hybrid catalyst for decontamination of organic pollutants based on a bifunctional dicopper(II) complex anchored over niobium oxyhydroxide. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 339-345.	20.2	8
518	Oxotris(oxalate)niobate(V): An oxalate delivery agent in the design of building blocks. <i>Journal of Coordination Chemistry</i> , 2018, 71, 707-724.	2.2	8
519	Crystal Structure and Magnetic Properties of an Oxamato-Bridged Heterobimetallic Tetranuclear $[\text{Ni}^{\text{II}}\text{Cu}^{\text{II}}]_2$ Complex of the Rack Type. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 477-484.	2.0	8
520	Clicking Azides and Alkynes with Poly(pyrazolyl)borate-Copper(I) Catalysts: An Experimental and Computational Study. <i>Catalysts</i> , 2019, 9, 687.	3.5	8
521	2-Aminobenzothiazole-Containing Copper(II) Complex as Catalyst in Click Chemistry: An Experimental and Theoretical Study. <i>Catalysts</i> , 2020, 10, 776.	3.5	8
522	Electroswitching of the single-molecule magnet behaviour in an octahedral spin crossover cobalt(II) complex with a redox-active pyridinediimine ligand. <i>Chemical Communications</i> , 2020, 56, 12242-12245.	4.1	8

#	ARTICLE	IF	CITATIONS
523	Heterobimetallic single-source precursors for MOCVD. Synthesis and characterization of volatile mixed ligand complexes of lanthanides, barium and magnesium β^2 -diketonates with d-element containing ligands. <i>European Physical Journal Special Topics</i> , 1999, 09, Pr8-943-Pr8-951.	0.2	8
524	Synthesis, crystal structure and magnetic properties of $H_2tppz[ReCl_6]$ and $[Cu(bpzm)(\frac{1}{4}Cl)ReCl_3(\frac{1}{4}ox)Cu(bpzm)(\frac{1}{4}ox)ReCl_3(\frac{1}{4}Cl)]_n$. <i>Dalton Transactions</i> , 2015, 44, 17118-17128.		
525	Theoretical design of magnetic wires from acene and nanocorone derivatives. <i>Dalton Transactions</i> , 2016, 45, 16700-16708.	3.3	7
526	Effects of electron donating/withdrawing groups in the 5-substituted-2-hydroxybenzaldehyde on the synthesis of neutral cubanes with a Ni_4O_4 core: synthesis, crystal structures and magnetic properties. <i>RSC Advances</i> , 2016, 6, 7189-7194.	3.6	7
527	A two-dimensional coordination polymer constructed from binuclear copper(II) metalloligands and manganese(II) ions: Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2016, 440, 148-153.	2.4	7
528	Study of the complex formation between the $[Cu(bpca)]^{2+}$ secondary building unit and the aromatic N donors 2,3,5,6-tetra(2-pyridyl)pyrazine (tppz) and 1,3-bis(4-pyridyl)propane (bpp). <i>CrystEngComm</i> , 2017, 19, 5460-5472.	2.6	7
529	A methylenediphosphonate bridged copper(II) tetramer: Synthesis, structural, thermal, and magnetic characterization of $[Cu_4(H_2O)_2(phen)_4(\frac{1}{4}P_2O_6CH_2)_2] \cdot 21H_2O$. <i>Polyhedron</i> , 2019, 169, 162-168.	2.2	7
530	In situ generation of Ph ₃ PO in cyanido-bridged heterometallic $\{Fe^{III}Ln^{III}\}_2$ molecular squares (Ln = Eu, Tj). <i>ETQq000rgBT/Overlock 10 T</i>	3.3	7
531	Ferromagnetic coupling through the oxalate bridge in heterobimetallic $Cr(III)-M(II)$ (M = Mn and Co) assemblies. <i>Comptes Rendus Chimie</i> , 2019, 22, 452-465.	0.5	7
532	Unexpected formation of a dodecanuclear $\{Co_{16}Cu_{16}\}$ nanowheel under ambient conditions: magneto-structural correlations. <i>Dalton Transactions</i> , 2021, 50, 12430-12434.	3.3	7
533	Field-induced mononuclear cobalt(II) single-molecule magnet (SMM) based on a benzothiadiazole-ortho-vanillin ligand. <i>Dalton Transactions</i> , 2022, 51, 4760-4771.	3.3	7
534	Oxamidato complexes. Part 4. Electrochemical study of the copper(III)/copper(II) couple in monomeric N,N' -bis(substituent)oxamidatocopper(II) complexes. <i>Transition Metal Chemistry</i> , 1993, 18, 69-72.	1.4	6
535	Squarate and croconate in designing one- and two-dimensional oxamidato-bridged copper(II) complexes: synthesis, crystal structures and magnetic properties of $[Cu_2(apox)(C_4O_4)(H_2O)_2]_n$, $[Cu_2(H_2O)(apox)_2(C_5O_5)_2]_n$, and $[Cu_4(apox)_2(C_5O_5)_2]_n \cdot 6AH_2O$. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 2001, 4, 235-243.	0.1	6
536	Cu(II) and Cu(I) complexes with 1,2-dithiosquarate as a ligand; from molecular compounds to supramolecular network structures. <i>Journal of Molecular Structure</i> , 2008, 876, 328-338.	3.6	6
537	Synthesis, structural analysis, and thermal and spectroscopic studies of methylmalonate-containing zinc(II) complexes. <i>Comptes Rendus Chimie</i> , 2012, 15, 911-923.	0.5	6
538	Combining Cyanometalates and Coordination Clusters: An Alternative Synthetic Route toward Original Molecular Materials. <i>Crystal Growth and Design</i> , 2013, 13, 4190-4194.	3.0	6
539	An approach to polymer-supported triplet benzophenone photocatalysts. Application to sustainable photocatalysis of an α -diazocarbonyl compound. <i>RSC Advances</i> , 2013, 3, 25652.	3.6	6
540	Synthesis, characterization and X-ray structure of glycosyl-1,2-isoxazoles and glycosyl-1,2-isoxazolines prepared via 1,3-dipolar cycloaddition. <i>Journal of Molecular Structure</i> , 2013, 1048, 130-137.	3.6	6

#	ARTICLE	IF	CITATIONS
541	Heterobimetallic Oxalate-Bridged MIIReIV(M = Zn, Cu, Ni, Co and Mn) Complexes Incorporating Bis(3,5-dimethylpyrazol-1-yl)methane: Synthesis and Magneto-Structural Studies. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5418-5426.	2.0	6
542	Synthesis, Crystal Structure and Magnetic Properties of Heteropolynuclear Re ^{IV} M ^{II} Complexes Based on the Robust [ReCl ₅ (pyzCOO)] ₂ Unit (pyzCOO = 2-pyrazinecarboxylate). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1835-1845.	2.0	6
543	Self-assembly, binding ability and magnetic properties of dicopper(II) pyrazolenophanes. <i>CrystEngComm</i> , 2016, 18, 437-449.	2.6	6
544	Polyvinylpyrrolidone-stabilized Copper Nanoparticles as an Efficient and Recyclable Heterogeneous Catalyst for the Click of 1,2,3-Triazoles in Water. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900311.	2.2	6
545	Building-up host-guest helicate motifs and chains: a magneto-structural study of new field-induced cobalt-based single-ion magnets. <i>Dalton Transactions</i> , 2021, 50, 10707-10728.	3.3	6
546	Cyanido-bridged {Fe ^{III} Ln ^{III} } heterobimetallic chains assembled through the [Fe ^{III} {HB(pz) ₃ }(CN) ₃] ⁺ complex as metalloligand: synthesis, crystal structure and magnetic properties. <i>CrystEngComm</i> , 2021, 23, 4615-4626.	2.6	6
547	Field-induced single ion magnet behaviour of discrete and one-dimensional complexes containing [bis(1-methylimidazol-2-yl)ketone]-cobalt(II) building units. <i>Dalton Transactions</i> , 2021, 50, 16353-16363.	3.3	6
548	Strong cooperative protonation and copper(II)-assisted hydrolysis of the novel X-ray characterized polyoxamide cryptand 1,4,7,10,13,16,21,24-octaaza-bicyclo[8.8.8] hexacosan-5,6,14,15,22,23-hexone. <i>Inorganica Chimica Acta</i> , 1996, 246, 249-258.	2.4	5
549	Tuning the Spin Ground State in Heterononanuclear Nickel(II)-Copper(II) Cylinders with a Triangular Metallacyclophane Core. <i>Inorganic Chemistry</i> , 2010, 49, 11264-11266.	4.0	5
550	Synthesis, crystal structure and magnetic properties of a new cyanide-bridged mixed-valence copper(I)/copper(II) clathrate. <i>Inorganic Chemistry Communication</i> , 2013, 35, 252-254.	3.9	5
551	Synthesis, Crystal Structure and Magnetic Properties of a Novel Heterobimetallic Rhenium(IV)-Dysprosium(III) Chain. <i>Chemistry - A European Journal</i> , 2015, 21, 8696-8700.	3.3	5
552	Synthesis, crystal structure and magnetic properties of the complex [ReCl ₃ (tppz)]·MeCN. <i>RSC Advances</i> , 2015, 5, 101616-101622.	3.6	5
553	Co-existence of ferro- and antiferromagnetic interactions in a hexanuclear mixed-valence Co ^{III} 2Mn ^{II} 2Mn ^{IV} 2 cluster sustained by a multidentate Schiff base ligand. <i>Dalton Transactions</i> , 2019, 48, 11862-11871.	3.3	5
554	On the magneto-structural role of the coordinating anion in oxamato-bridged copper(II) derivatives. <i>Dalton Transactions</i> , 2019, 48, 10260-10274.	3.3	5
555	A novel octacyanido dicobalt(III) building block for the construction of heterometallic compounds. <i>New Journal of Chemistry</i> , 2019, 43, 6675-6682.	2.8	5
556	Slow relaxation of the magnetization in a {Co ^{III} Mn ^{III} } heterometallic brick-wall network. <i>Polyhedron</i> , 2021, 200, 115118.	2.2	5
557	Potentiometric study of the Ni(II)-dihydrogenviolurate system in dimethylsulphoxide (DMSO). <i>Journal of Inorganic and Nuclear Chemistry</i> , 1980, 42, 1786-1788.	0.5	4
558	Hexakis(diethylacetamide)iron(II) hexahalorhenate(IV) ionic salts: X-ray structures and magnetic properties. <i>Polyhedron</i> , 2015, 98, 35-39.	2.2	4

#	ARTICLE	IF	CITATIONS
559	Intermolecular interactions in dictating the self-assembly of halogen derivatives of bis-(N-substituted) Tj ETQq1 1 0,784314 rgBT /Overd	3.6	4
560	Magneto-structural correlations in dirhenium(IV) complexes possessing magnetic pathways with even or odd numbers of atoms. Dalton Transactions, 2017, 46, 11890-11897.	3.3	4
561	Heterobimetallic One-Dimensional Coordination Polymers M(CuII) (M = Li and K) Based on Ferromagnetically Coupled Di- and Tetracopper(II) Metallacyclophanes. Magnetochemistry, 2018, 4, 38.	2.4	4
562	Synthesis, crystal structure and magnetic properties of the cyclic tetranuclear compound [Cu ₄ (pz) ₄ (hppa) ₂ (H ₂ O) ₄] [pz = pyrazolate; hppa = R,S-2-hydroxo-2-phenyl-2-(1-pyrazolyl)acetate]. Polyhedron, 2019, 170, 217-222.	2.2	4
563	One-dimensional oxalato-bridged heterobimetallic coordination polymers by using [the [Cr(pyim)(C ₂ O ₄) ₂] ⁺ complex as metalloligand [pyim = 2-(2-pyridyl)imidazole]. Inorganica Chimica Acta, 2019, 486, 150-157.	2.4	4
564	From Mononuclear Compounds to [2 Å – 2] Metallogrids: Ferromagnetically Coupled Systems Built by Nickel(II) and 3,6-Bis(2-pyridyl)pyridazine (dppn). Crystal Growth and Design, 2020, 20, 6478-6492.	3.0	4
565	X-ray Structure and Magnetic Properties of Heterobimetallic Chains Based on the Use of an Octacyanidodicobalt(III) Complex as Metalloligand. Magnetochemistry, 2020, 6, 66.	2.4	4
566	A rare isostructural series of 3d ⁴ –4f cyanido-bridged heterometallic squares obtained by assembling [Fe ^{III}] ₃ {HB(pz) ₃ }(CN) ₃ and Ln ^{III} ions: synthesis, X-ray structure and cryomagnetic study. Dalton Transactions, 2021, 50, 14640-14652.	3.3	4
567	Trinuclear Cobalt(II) Triple Helicate with a Multidentate Bithiazolebis(oxamate) Ligand as a Supramolecular Nanomagnet. Inorganic Chemistry, 2022, 61, 5696-5700.	4.0	4
568	Coordinating and hydrogen bonding ability of a bifunctional 2D paddle-wheel copper(II) coordination polymer. Polyhedron, 2015, 87, 220-225.	2.2	3
569	A new chiral dimanganese(II) complex: synthesis, crystal structure, spectroscopic, magnetic, and catalytic properties. RSC Advances, 2016, 6, 86569-86574.	3.6	3
570	Magnetostructural relationships in polymorphic ethylmalonate-containing copper(II) coordination polymers. CrystEngComm, 2018, 20, 7464-7472.	2.6	3
571	Ferro- and Antiferromagnetic Interactions in Oxalato-Centered Inverse Hexanuclear and Chain Copper(II) Complexes with Pyrazole Derivatives. Molecules, 2021, 26, 2792.	3.8	3
572	A Study of the Lack of Slow Magnetic Relaxation in Mononuclear Trigonal Bipyramidal Cobalt(II) Complexes. ChemistrySelect, 2021, 6, 576-582.	1.5	3
573	New Metal-Organic Systems with a Functionalized Oxamate-Type Ligand and MnII, FeII, CuII and ZnI. Journal of the Brazilian Chemical Society, 0, , .	0.6	3
574	Zinc(II) and copper(II) complexes with benzothiadiazole Schiff-base ligands. Polyhedron, 2022, 224, 115994.	2.2	3
575	Structure of methanol(nitrato)(2,2':6',2''-terpyridyl)copper(II) perchlorate. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 2111-2114.	0.4	2
576	Structural changes in the crystal packing of highly hindered symmetrical vicinal bis-amides. CrystEngComm, 2007, 9, 746.	2.6	2

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577	Slow relaxation of the magnetization in Oximate-bridged heterobimetallic Copper(II)-Manganese(III) chains. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 976-986.	0.6	2
578	Supramolecular arrangements of novel clickable 4-substituted 3,6-bis(2- ϵ -pyridyl)pyridazine molecules. <i>Journal of Molecular Structure</i> , 2020, 1217, 128420.	3.6	2
579	Mono- and Binuclear Copper(II) and Nickel(II) Complexes with the 3,6-Bis(picolylamino)-1,2,4,5-Tetrazine Ligand. <i>Molecules</i> , 2021, 26, 2122.	3.8	2
580	Synthesis and structure of (acetato-O,O')(perchlorato-O)(2,2':6'2''-terpyridine-N,N',N'')copper(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 674-677.	0.4	1
581	Tailor-made copper(ii) coordination polymers based on the C3symmetric methanetriacetate as a ligand. <i>CrystEngComm</i> , 2017, 19, 376-390.	2.6	1
582	Monitoring the hydrogen bond net configuration and the dimensionality of aniline and phenyloxamate by adding 1 <i>H</i> -pyrazole and isoxazolate as substituents for molecular self-recognition. <i>CrystEngComm</i> , 2019, 21, 2818-2833.	2.6	1
583	Magnetic Properties of a New Hexahalorhenate(IV) Compound and Structural Comparison with Its Hexahaloplatinate(IV) Analog. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2246-2252.	2.0	1
584	Bulky counteranion effects on the crystal packing of anionic dithiooxalato-containing Ni(μ -dtho), Pd(μ -dtho) and Pt(μ -dtho) complexes: spectroscopic redox correlations. <i>CrystEngComm</i> , 2022, 24, 4787-4799.	2.6	1