

Enrique Colacio

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papers

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47
h-index

71
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246
ext. papers

8,288
ext. citations

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L-index

#	Paper	IF	Citations
239	Slow magnetic relaxation in a Co(II)-Y(III) single-ion magnet with positive axial zero-field splitting. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9130-4	16.4	242
238	Helical-chain copper(II) complexes and a cyclic tetranuclear copper(II) complex with single syn-anti carboxylate bridges and ferromagnetic exchange interactions. <i>Inorganic Chemistry</i> , 2000 , 39, 2882-90	5.1	227
237	Field and dilution effects on the slow relaxation of a luminescent DyO ₉ low-symmetry single-ion magnet. <i>Chemical Communications</i> , 2012 , 48, 7916-8	5.8	189
236	Nanoparticles of Prussian blue ferritin: a new route for obtaining nanomaterials. <i>Inorganic Chemistry</i> , 2003 , 42, 6983-5	5.1	166
235	Family of carboxylate- and nitrate-diphenoxo triply bridged dinuclear Ni(II)Ln(III) complexes (Ln = Eu, Gd, Tb, Ho, Er, Y): synthesis, experimental and theoretical magneto-structural studies, and single-molecule magnet behavior. <i>Inorganic Chemistry</i> , 2012 , 51, 5857-68	5.1	126
234	Synthesis and characterization of novel palladium(II) complexes of bis(thiosemicarbazone). Structure, cytotoxic activity and DNA binding of Pd(II)-benzyl bis(thiosemicarbazone). <i>Journal of Inorganic Biochemistry</i> , 1999 , 76, 29-37	4.2	124
233	Strategy for the rational design of asymmetric triply bridged dinuclear 3d-4f single-molecule magnets. <i>Inorganic Chemistry</i> , 2011 , 50, 7268-73	5.1	120
232	Structural and magnetic studies of a syn-anti carboxylate-bridged helix-like chain copper(II) complex. <i>Inorganic Chemistry</i> , 1992 , 31, 774-778	5.1	118
231	Slow magnetic relaxation in Co(III)-Co(II) mixed-valence dinuclear complexes with a Co(II)O ₅ X (X = Cl, Br, NO ₃) distorted-octahedral coordination sphere. <i>Inorganic Chemistry</i> , 2013 , 52, 4554-61	5.1	117
230	Structure and magnetic properties of a syn-anti carboxylate bridged linear trinuclear copper(II) complex with ferromagnetic exchange interaction. <i>Inorganica Chimica Acta</i> , 1993 , 212, 115-121	2.7	108
229	Bifunctional hybrid SiO ₂ nanoparticles showing synergy between core spin crossover and shell luminescence properties. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3290-3	16.4	107
228	Architecture dependence on the steric constrains of the ligand in cyano-bridged copper(I) and copper(II)-copper(I) mixed-valence polymer compounds containing diamines: crystal structures and spectroscopic and magnetic properties. <i>Inorganic Chemistry</i> , 2002 , 41, 5141-9	5.1	104
227	A novel two-dimensional honeycomb-like bimetallic iron(III)nickel(II) cyanide-bridged magnetic material [Ni(cyclam)] ₃ [Fe(CN) ₆] ₂ ·nH ₂ O (cyclam = 1,4,8,11-tetraazacyclodecane). <i>Chemical Communications</i> , 1999 , 987-988	5.8	103
226	Dilution-triggered SMM behavior under zero field in a luminescent Zn ₂ Dy ₂ tetranuclear complex incorporating carbonato-bridging ligands derived from atmospheric CO ₂ fixation. <i>Inorganic Chemistry</i> , 2013 , 52, 9620-6	5.1	102
225	Unique self-assembled 2D metal-tetrazolate networks: crystal structure and magnetic properties of [M(pmtz) ₂](M = Co(II) and Fe(II); Hpmtz = 5-(pyrimidyl)tetrazole). <i>Chemical Communications</i> , 2005 , 5228-30	5.8	98
224	A quasi-tetrahedral tetracopper cluster with syn-anti bridging carboxylate groups: crystal and molecular structure and magnetic properties. <i>Inorganic Chemistry</i> , 1990 , 29, 4240-4246	5.1	96
223	Binuclear copper(II) complexes with N ₄ O ₃ coordinating heptadentate ligand: synthesis, structure, magnetic properties, density-functional theory study, and catecholase activity. <i>Inorganic Chemistry</i> , 2008 , 47, 4023-31	5.1	95

222	Self-assembled cationic heterochiral honeycomb-layered metal complexes with the in situ generated pyrimidine-2-carboxylato bisdidentate ligand. Hydrothermal synthesis, crystal structures, magnetic properties, and theoretical study of $[M_2(\text{micro-pymca})_3]\text{OH}\cdot\text{H}_2\text{O}$ ($M = \text{Fe(II), Co(II)}$). <i>Inorganic Chemistry</i> , 2007 , 46, 2503-10	5.1	89
221	Bifunctional Zn(II)Ln(III) dinuclear complexes combining field induced SMM behavior and luminescence: enhanced NIR lanthanide emission by 9-anthracene carboxylate bridging ligands. <i>Inorganic Chemistry</i> , 2014 , 53, 1465-74	5.1	87
220	Rational electrostatic design of easy-axis magnetic anisotropy in a Zn(II) -Dy(III) -Zn(II) single-molecule magnet with a high energy barrier. <i>Chemistry - A European Journal</i> , 2014 , 20, 14262-9	4.8	84
219	Closely-related Zn(II) $_2$ Ln(III) $_2$ complexes (Ln(III) = Gd, Yb) with either magnetic refrigerant or luminescent single-molecule magnet properties. <i>Inorganic Chemistry</i> , 2014 , 53, 3586-94	5.1	83
218	Octanuclear $\{\text{Ln(III)}_8\}$ (Ln = Gd, Tb, Dy, Ho) macrocyclic complexes in a cyclooctadiene-like conformation: manifestation of slow relaxation of magnetization in the Dy(III) derivative. <i>Inorganic Chemistry</i> , 2013 , 52, 4562-70	5.1	78
217	Binuclear Copper(II) Chelates with Heptadentate Ligands: Synthesis, Structure, Magnetic Properties, DFT Studies, and Catecholase and Hydrolytic DNA Cleavage Activity. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 277-284	2.3	78
216	Hydroxide-free cubane-shaped tetranuclear $[\text{Ln}_4]$ complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 3417-26	5.1	74
215	Effect of Ligand Substitution around the Dy(III) on the SMM Properties of Dual-Luminescent Zn-Dy and Zn-Dy-Zn Complexes with Large Anisotropy Energy Barriers: A Combined Theoretical and Experimental Magnetostructural Study. <i>Inorganic Chemistry</i> , 2016 , 55, 4428-40	5.1	71
214	Synthesis, X-ray structures and luminescence properties of three multidimensional metal-organic frameworks incorporating the versatile 5-(pyrimidyl)tetrazolato bridging ligand. <i>Dalton Transactions</i> , 2007 , 1821-8	4.3	63
213	Analysis of the Role of Peripheral Ligands Coordinated to Zn(II) in Enhancing the Energy Barrier in Luminescent Linear Trinuclear Zn-Dy-Zn Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2015 , 21, 15785-96	4.8	62
212	Antiferromagnetic versus ferromagnetic exchange interactions in bis(ED(oximate))dinickel(II) units for a series of closely related cube shaped carboxamideoximate-bridged Ni(II) complexes. A combined experimental and theoretical magneto-structural study. <i>Inorganic Chemistry</i> , 2010 , 49, 10156-65	5.1	62
211	A chiral diamondoid 3D lanthanum metal-organic framework displaying blue-greenish long lifetime photoluminescence emission. <i>CrystEngComm</i> , 2010 , 12, 1876	3.3	62
210	Anion influence on the structure and magnetic properties of a series of multidimensional pyrimidine-2-carboxylato-bridged copper(II) complexes. <i>Inorganic Chemistry</i> , 2008 , 47, 8143-58	5.1	61
209	Decanuclear Ln $_{10}$ Wheels and Vertex-Shared Spirocyclic Ln $_5$ Cores: Synthesis, Structure, SMM Behavior, and MCE Properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 16955-67	4.8	59
208	Studies on bifunctional Fe(II)-triazole spin crossover nanoparticles: time-dependent luminescence, surface grafting and the effect of a silica shell and hydrostatic pressure on the magnetic properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7819-7829	7.1	59
207	Crowned Tetrameric Spirocyclic Water Chain: An Unusual Building Block of a Supramolecular Metal-Organic Host. <i>Crystal Growth and Design</i> , 2007 , 7, 212-214	3.5	59
206	Hexacyanocobaltate(III) anions as precursors of Co(II)-Ni(II) cyano-bridged multidimensional assemblies: hydrothermal syntheses, crystal and powder X-ray structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 8399-406	5.1	59
205	Cyano-bridged bimetallic assemblies from hexacyanometalate, $[\text{M}(\text{CN})_6]^{3-}$ ($M = \text{Mn(III)}$ and Fe(III)), and $[\text{M}(\text{N}_4\text{-macrocycle})]^{2+}$ ($M = \text{Fe(III)}$, Ni(II) and Zn(II)) building blocks. Syntheses, multidimensional structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2001 , 40, 4876-83	5.1	57

204	Rare earth anthracenedicarboxylate metal-organic frameworks: slow relaxation of magnetization of Nd(3+), Gd(3+), Dy(3+), Er(3+) and Yb(3+) based materials. <i>Dalton Transactions</i> , 2016 , 45, 591-8	4.3	55
203	Structural and magnetic diversity in cyano-bridged bi- and trimetallic complexes assembled from cyanometalates and [M(rac-CTH)] _n building blocks (CTH = d,l-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane). <i>Inorganic Chemistry</i> , 2006 , 45, 10537-51	5.1	55
202	Two Polymorphic Forms of a Six-Coordinate Mononuclear Cobalt(II) Complex with Easy-Plane Anisotropy: Structural Features, Theoretical Calculations, and Field-Induced Slow Relaxation of the Magnetization. <i>Inorganic Chemistry</i> , 2016 , 55, 8502-13	5.1	55
201	Increasing the effective energy barrier promoted by the change of a counteranion in a Zn-Dy-Zn SMM: slow relaxation via the second excited state. <i>Chemical Communications</i> , 2015 , 51, 12353-6	5.8	53
200	Hydrothermal syntheses, crystal structures, and properties of two-dimensional homo- and heterometallic cyanide-bridged complexes: [Cu ₂ (CN) ₂ (bpym)] and [Fe(bipy) ₂ (CN) ₄ Cu ₂] (bpym = 2,2'Cbipyrimidine, bipy = 2,2'Cbipyridine). <i>Inorganic Chemistry</i> , 2003 , 42, 4209-14	5.1	53
199	Aurophilicity as a cofactor in crystal engineering. Dicyanoaurate(I) anion as a building block in a novel Co(II)-Au(I) bimetallic assembly. <i>Chemical Communications</i> , 2002 , 592-3	5.8	52
198	A rational design for imidazolate-bridged linear trinuclear compounds from mononuclear copper(II) complexes with 2-(((imidazol-2-ylmethylidene)amino)ethyl)pyridine (HL): syntheses, structures, and magnetic properties of [Cu(L)(hfac)M(hfac) ₂ Cu(hfac)(L)] (M = ZnII, CuII, MnII). <i>Inorganic Chemistry</i> , 2000 , 39, 2770-6	5.1	51
197	Amending the anisotropy barrier and luminescence behavior of heterometallic trinuclear linear [M(II)-Ln(III)-M(II)] (Ln(III) = Gd, Tb, Dy; M(II) = Mg/Zn) complexes by change from divalent paramagnetic to diamagnetic metal ions. <i>Chemistry - A European Journal</i> , 2015 , 21, 6449-64	4.8	50
196	A ferromagnetically coupled diphenoxo-bridged Gd(3+)-Mn ²⁺ dinuclear complex with a large magneto-caloric effect. <i>Chemical Communications</i> , 2013 , 49, 3845-7	5.8	48
195	Rational design of azide-bridged bimetallic complexes. Crystal structure and magnetic properties of Fe(III)MFe(III) (M = Ni(II) and Cu(II)) trinuclear species. <i>Chemical Communications</i> , 2005 , 534-6	5.8	48
194	Structure and magnetic properties of two cyanide-bridged one-dimensional M ₂ L ₂ (M = FeIII or FeII) bimetallic assemblies from ferricyanide and CuN ₄ ²⁺ (N ₄ = 1,4,8,11-tetraazacyclotetradecane and N,N'-bis(2-pyridylmethylene)-1,3-propanediamine) building blocks. <i>Dalton Transactions RSC</i> , 2000 , 505-509		48
193	Novel square-planar cyclic tetranuclear copper(II) complex containing oximate bridges. Synthesis, crystal structure and magnetic properties of tetrakis[<i>diaqua</i> (μ-1,3-dimethylviolurato)copper(II)] tetraperchlorate dihydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2923-2926		47
192	On the Magnetic Coupling and Spin Crossover Behavior in Complexes Containing the Head-to-Tail [Fe(ESCN)] Bridging Unit: A Magnetostructural Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2018 , 57, 2184-2192	5.1	46
191	Theoretical and experimental study of the effectiveness of the 5-pyrimidyl-tetrazolate bridging ligand in mediating magnetic exchange interactions. <i>Inorganic Chemistry</i> , 2010 , 49, 8986-96	5.1	45
190	A cyano bridged iron(III) linear chain with alternating Fe(CN) ₆ Be(cyclam) (cyclam = 1,4,8,11-tetraazacyclodecane) units and unexpected ferromagnetic behaviour. <i>Chemical Communications</i> , 1998 , 1071-1072	5.8	45
189	Slow Magnetic Relaxation in a CoII Single-Ion Magnet with Positive Axial Zero-Field Splitting. <i>Angewandte Chemie</i> , 2013 , 125, 9300-9304	3.6	44
188	Structure, magnetism and DFT studies of dinuclear and chain complexes containing the tetrazolate-5-carboxylate multidentate bridging ligand. <i>Dalton Transactions</i> , 2009 , 6335-44	4.3	43
187	The effect of heating rate on yields and compositions of oil products from esparto pyrolysis. <i>International Journal of Energy Research</i> , 2006 , 30, 1243-1250	4.5	43

186	A family of acetato-diphenoxo triply bridged dimetallic Zn(II)Ln(III) complexes: SMM behavior and luminescent properties. <i>Dalton Transactions</i> , 2016 , 45, 9712-26	4.3	43
185	A rational design by hydrothermal methods of a tetrazolate-bridged bimetallic spin-canted antiferromagnet. Synthesis, X-ray structure and magnetic properties of [CoNi(pmtz) ₄] (Hpmtz = 5-(pyrimidyl)tetrazole). <i>Dalton Transactions</i> , 2008 , 2887-93	4.3	42
184	Synthesis and characterisation of zinc, cadmium and mercury complexes of benzilbisthiosemicarbazone. Structure of cadmium derivative. <i>Inorganica Chimica Acta</i> , 2001 , 323, 130-138	3.7	42
183	Heterodinuclear Copper(II)-Nickel(II) Complexes with Unusual Asymmetrical Bridges from a New and Versatile Dioxime Multidentate Ligand. Magnetostructural Study. <i>Inorganic Chemistry</i> , 1994 , 33, 3914-3924	5.1	42
182	Enantiopure tetranuclear iron(III) complexes using chiral reduced Schiff base ligands: synthesis, structure, spectroscopy, magnetic properties, and DFT studies. <i>Inorganic Chemistry</i> , 2009 , 48, 4753-62	5.1	41
181	[Zn(n)(polyox)(pmtz) _n]: the first polyoxalate-containing coordination polymer from an unforeseen chemical rearrangement of 5-pyrimidyl-tetrazole under hydrothermal conditions. <i>Chemical Communications</i> , 2006 , 4140-2	5.8	41
180	Designing a Dy Single-Molecule Magnet with Two Well-Differentiated Relaxation Processes by Using a Nonsymmetric Bis-bidentate Bipyrimidine- N-Oxide Ligand: A Comparison with Mononuclear Counterparts. <i>Inorganic Chemistry</i> , 2018 , 57, 6362-6375	5.1	40
179	Analysis of Magnetic Anisotropy and the Role of Magnetic Dilution in Triggering Single-Molecule Magnet (SMM) Behavior in a Family of Co Y Dinuclear Complexes with Easy-Plane Anisotropy. <i>Chemistry - A European Journal</i> , 2017 , 23, 11649-11661	4.8	39
178	A new family of Ni ₄ and Ni ₆ aggregates from the self-assembly of [Ni ₂] building units: role of carboxylate and carbonate bridges. <i>Inorganic Chemistry</i> , 2015 , 54, 4709-23	5.1	39
177	Aurophilicity-coordination interplay in the design of cyano-bridged nickel(II)-Gold(I) bimetallic assemblies: structural and computational studies of the gold(I)-gold(I) interactions. <i>Inorganic Chemistry</i> , 2003 , 42, 560-5	5.1	39
176	Synthesis, Structure, and Properties of μ Oxo-Bridged Fe(II) and Heterometallic Azide-Bridged Fe(II)Cu(I) Complexes of a Picolinamide In-Plane Ligand. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1907-1912	2.3	39
175	Influence of metal ions, coligands and reaction conditions on the structural versatility and properties of 5-pyrimidyl-tetrazolate containing complexes. <i>Dalton Transactions</i> , 2009 , 9578-86	4.3	38
174	[Ni(cyclam)(μ (1,3)-dca) ₂ Cu(μ (1,5)-dca) ₂]: a genuine 3D bimetallic coordination polymer containing both μ (1,3)- and μ (1,5)-bidentate dicyanamide bridges and a ferromagnetic interaction between copper(II) and nickel(II) ions. <i>Inorganic Chemistry</i> , 2005 , 44, 3771-3	5.1	38
173	Catechol releases iron(III) from ferritin by direct chelation without iron(II) production. <i>Dalton Transactions</i> , 2005 , 811-3	4.3	38
172	A two-dimensional copper(I) polymer containing both molecular rod and anionic bridges: synthesis and crystal structure of (μ -chloro)-(μ -pyrazine)copper(I). <i>Canadian Journal of Chemistry</i> , 1995 , 73, 1591-1595	5.9	38
171	Lanthanide Tetrazolate Complexes Combining Single-Molecule Magnet and Luminescence Properties: The Effect of the Replacement of Tetrazolate N ₃ by μ Diketonate Ligands on the Anisotropy Energy Barrier. <i>Chemistry - A European Journal</i> , 2016 , 22, 14548-59	4.8	37
170	Two Tetranuclear Copper(II) Complexes with Open Cubane-Like Cu ₄ O ₄ Core Framework and Ferromagnetic Exchange Interactions between Copper(II) Ions: Structure, Magnetic Properties, and Density Functional Study. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 1552-1560	2.3	37
169	Luminescence and magnetic properties of three metal-organic frameworks based on the 5-(1H-tetrazol-5-yl)isophthalic acid ligand. <i>CrystEngComm</i> , 2013 , 15, 7636	3.3	37

168	Diphenoxo-bridged Ni(II)Ln(III) dinuclear complexes as platforms for heterotrimetallic (Ln(III)Ni(II)) ₂ Ru(III) systems with a high-magnetic-moment ground state: synthesis, structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2012 , 51, 7010-2	5.1	37
167	Two C ₃ -symmetric Dy ₃ III complexes with triple di- μ -methoxo- μ -phenoxo bridges, magnetic ground state, and single-molecule magnetic behavior. <i>Chemistry - A European Journal</i> , 2014 , 20, 8410-20	4.8	36
166	A new hydrogen-bonded dinuclear complex involving copper(II) ions in a pseudotetrahedral N ₃ O environment: molecular and crystal structure and magnetic and spectroscopic properties. <i>Inorganic Chemistry</i> , 1991 , 30, 1475-1479	5.1	36
165	A novel one-dimensional cyano-bridged Ni ₃ Fe ₂ ferromagnet constructed from bimetallic molecular squares. <i>Inorganic Chemistry</i> , 2003 , 42, 6962-4	5.1	35
164	Single-molecule magnet behavior and magnetocaloric effect in ferromagnetically coupled Ln(III)-Ni(II)-Ni(II)-Ln(III) (Ln(III) = Dy(III) and Gd(III)) linear complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 12092-9 ¹	5.1	34
163	Syntheses, X-ray structures, catalytic activity and magnetic properties of two new coordination polymers of Co(II) and Ni(II) based on benzenedicarboxylate and linear N,N'-donor Schiff base linkers. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 414-425	6.8	34
162	A Novel Series of Heterotrinnuclear Complexes Involving Imidazolate Bridging Schiff® Base Ligands. Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 1998 , 37, 3040-3045	5.1	34
161	Homometallic Dy Complexes of Varying Nuclearity from 2 to 21: Synthesis, Structure, and Magnetism. <i>Chemistry - A European Journal</i> , 2017 , 23, 5154-5170	4.8	33
160	Crystal structure and magnetic properties of [Cu(ox)(py) ₂](py = pyridine): a ferromagnetic oxalate-bridged zigzag chain complex. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 2143-2146		33
159	Heterometallic Zn Ln Ensembles Containing (μ -CO) Ligand and Triangular Disposition of Ln ions: Analysis of Single-Molecule Toric (SMT) and Single-Molecule Magnet (SMM) Behavior. <i>Chemistry - A European Journal</i> , 2017 , 23, 16621-16636	4.8	32
158	Dinuclear alkoxo-bridged copper(II) coordination polymers: Syntheses, structural and magnetic properties. <i>Inorganica Chimica Acta</i> , 2010 , 363, 755-762	2.7	32
157	Single-Molecule Magnets: From Mn ¹² -ac to dysprosium metallocenes, a travel in time. <i>Coordination Chemistry Reviews</i> , 2021 , 441, 213984	23.2	32
156	Designing Ligands to Isolate ZnLn and ZnLn Complexes: Field-Induced Single-Ion Magnet Behavior of the ZnDy, ZnDy, and ZnEr Analogues. <i>Inorganic Chemistry</i> , 2017 , 56, 5646-5656	5.1	31
155	Two Series of Isostructural Coordination Polymers with Isomeric Benzenedicarboxylates and Different Azine Based N,N'-Donor Ligands: Syntheses, Characterization and Magnetic Properties. <i>Crystal Growth and Design</i> , 2015 , 15, 4427-4437	3.5	31
154	Anion controlled structural and magnetic diversity in unusual mixed-bridged polynuclear Ni(II) complexes with a versatile bis(2-methoxy phenol)diamine hexadentate ligand. An experimental and theoretical magneto-structural study. <i>Dalton Transactions</i> , 2014 , 43, 13509-24	4.3	31
153	Metal-Purine Interactions: Homo- and Heterodinuclear Platinum(II) and/or Palladium(II) Complexes of 8-Thiotheophylline. Crystal Structures of [Pt(μ -TT)(dppm)](2).2DMSO and [(dppm)Pt(μ -TT)(2)Pd(dppm)].7H(2)O. <i>Inorganic Chemistry</i> , 1997 , 36, 1652-1656	5.1	31
152	Release of iron from ferritin by aceto- and benzohydroxamic acids. <i>Inorganic Chemistry</i> , 2005 , 44, 2706-9 ^{5.1}	5.1	31
151	Preparation, crystal structures and magnetic properties of a syn-anti carboxylate-bridged dinuclear copper(II) complex and its precursor, a hydrogen-bonded polynuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 1994 , 218, 109-116	2.7	31

150	Thermochromic sensor design based on Fe(II) spin crossover/polymers hybrid materials and artificial neural networks as a tool in modelling. <i>Sensors and Actuators B: Chemical</i> , 2015 , 208, 180-187	8.5	30
149	Modular structure of a robust microporous MOF based on Cu ₂ paddle-wheels with high CO ₂ selectivity. <i>Chemical Communications</i> , 2013 , 49, 11329-31	5.8	30
148	Linear, Edge-Sharing Heterometallic Trinuclear [CoII ₂ LnIII ₁ CoII] (LnIII = GdIII, DyIII, TbIII, and HoIII) Complexes: Slow Relaxation of Magnetization in the DyIII Derivative. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 397-406	2.3	30
147	Gold(I) phosphine complexes: mercaptooxopurine base interactions. Molecular and crystal structure of (8-mercaptotheophyllinato-S)(triphenylphosphine)gold(I). <i>Inorganic Chemistry</i> , 1991 , 30, 3743-3749	5.1	30
146	Influence of the anions on the structure and magnetic properties of a series of bis(Ediphenoxo)-bridged linear trinuclear copper(II) complexes: an experimental and theoretical study. <i>Dalton Transactions</i> , 2011 , 40, 12462-71	4.3	29
145	A mixed-bridged Cu ₃ cluster with an isosceles-triangular array of copper(II) ions: synthesis, crystal structure and magnetic properties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 343-348		29
144	In vivo potential antidiabetic activity of a novel zinc coordination compound based on 3-carboxy-pyrazole. <i>Journal of Inorganic Biochemistry</i> , 2014 , 131, 64-7	4.2	28
143	Bifunctional Hybrid SiO ₂ Nanoparticles Showing Synergy between Core Spin Crossover and Shell Luminescence Properties. <i>Angewandte Chemie</i> , 2011 , 123, 3348-3351	3.6	28
142	High-dimensional mixed-valence copper cyanide complexes: Syntheses, structural characterizations and magnetism. <i>Polyhedron</i> , 2009 , 28, 1308-1314	2.7	28
141	Enhanced ferromagnetic interaction in metallacyclic complexes incorporating m-phenylenediamidato bridges. <i>Dalton Transactions</i> , 2009 , 8538-47	4.3	28
140	pH-triggered changes in the supramolecular self-assembly of Cu(II) malonate complexes. <i>CrystEngComm</i> , 2008 , 10, 1358	3.3	28
139	Magneto-Structural Properties and Theoretical Studies of a Family of Simple Heterodinuclear Phenoxide/Alkoxide Bridged MnLn Complexes: On the Nature of the Magnetic Exchange and Magnetic Anisotropy. <i>Inorganic Chemistry</i> , 2018 , 57, 3683-3698	5.1	27
138	An experimental and theoretical magneto-structural study of polynuclear Ni(II) complexes assembled from a versatile bis(salicylaldehyde)diamine polytopic ligand. <i>Dalton Transactions</i> , 2015 , 44, 6825-38	4.3	27
137	Magnetic Langmuir-Blodgett films of ferritin with different iron contents. <i>Langmuir</i> , 2006 , 22, 6993-7000		27
136	A new type of anionic metal dicyanamide extended networks through [Cu(N ₄ -macrocycle)] ²⁺ cation templation. Structure and magnetic properties. <i>Inorganic Chemistry</i> , 2003 , 42, 2720-4	5.1	27
135	Chlorogold(I) and gold(III) complexes of 6-Amino-1,3-dimethyl-5-arylazouracil derivatives: IR spectroscopy, growth inhibition of hela cells and X-ray crystal structure of 6-amino-1,3-dimethyl-5-phenylazoniumuracil dichloroaurate(I) sesquihydrate. <i>Inorganica Chimica Acta</i> , 2009 , 332, 1423-1428	2.7	27
134	A Combined Experimental and Theoretical Study on the Magnetic Properties of a Family of Bis(phenoxido)dicopper(II) Complexes Bearing [Bis(2-hydroxy-3,5-dimethylbenzyl)amino]alkan-1-ol Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4877-4886	2.3	26
133	Co-operation of π-Cu(II)-π-carbonyl and hydrogen-bonding forces leading to the formation of water cluster mimics observed in the reassessed crystal structure of [Cu(mal)(phen)(H ₂ O)] ₂ ·2H ₂ O (H ₂ mal=malonic acid, phen=1,10-phenanthroline). <i>Journal of Molecular Structure</i> , 2010 , 967, 131-139	3.4	26

132	Interplay between covalent and aurophilic interactions in a series of isostructural 3D Hoffman-like frameworks containing bipyrimidine and dicyanoaurate bridges. X-Ray structure and magnetic properties of $\{(\mu\text{-Au}(\text{CN})_2)_2[(\text{M}(\text{NH}_3)_2)_2(\mu\text{-bpym})]\}[\text{Au}(\text{CN})_2]_2$ (M = Ni(II), Co(II) and Cu(II)). <i>Dalton Transactions</i> , 2007 , 249-54	4.3	26
131	Two polymorphs Ni(II) complexes containing the dicyanamide ligand: syntheses, structures and magnetic properties of $\{[\text{Ni}(\text{meso-CTH})(\mu,5\text{-dca})]\text{ClO}_4\}_n$ and $[\text{Ni}(\text{meso-CTH})][\text{Ni}(\text{meso-CTH})(\text{dca})_2](\text{ClO}_4)_2$ (dca=dicyanamide; CTH=meso-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraaza cyclotetradecane). <i>Inorganica Chimica Acta</i> , 2008 , 31, 1426-1433	2.7	26
130	A New Mononuclear Copper(II) Complex Containing Two Imidazolyl Moieties as Precursor of Self-Assembled and NiII/CuII/NiII Heterobimetallic Complexes. <i>Inorganic Chemistry</i> , 1998 , 37, 3046-3050	5.1	26
129	Spectroscopic and magnetic properties, and crystal structure of a dimer copper(II) complex via hydrogen bonding with a weak ferromagnetic interaction. <i>Inorganica Chimica Acta</i> , 1993 , 208, 111-115	2.7	26
128	Synthesis, crystal structures and magnetic properties of bis(μ -alkoxo)-bridged linear trinuclear copper(II) complexes with aminoalcohol ligands: a theoretical/experimental magneto-structural study. <i>Dalton Transactions</i> , 2012 , 41, 2648-58	4.3	25
127	Rational design of ferromagnetic coupled diphenoxycarboxylate triply bridged dinuclear nickel(II) complexes: orbital countercomplementarity of the bridging ligands. <i>Dalton Transactions</i> , 2012 , 41, 14265-73	4.3	25
126	2D and 3D coordination polymers based on 2,2'-bipyrimidine and cyanide bridging ligands incorporating coordinated and guest ammonia molecules. Synthesis, crystal structures, magnetic properties and thermal analysis of $\{[\text{Ni}(\text{CN})_4]_2[\text{Ni}(\text{NH}_3)_2]_2(\text{bpym})\}_2\text{H}_2\text{O}\}_n$ and $\{[\text{Cu}_2(\text{CN})_2(\text{bpym})]_2[\text{NH}_3]\}_n$. <i>New Journal of Chemistry</i> , 2005 , 29, 1189	3.6	25
125	Particle tuning and modulation of the magnetic/colour synergy in Fe(II) spin crossover-polymer nanocomposites in a thermochromic sensor array. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 7292-7303	7.1	24
124	Mixed bridged dinuclear Ni(II) complexes: synthesis, structure, magnetic properties and DFT study. <i>Dalton Transactions</i> , 2008 , 6539-45	4.3	24
123	Production of fuel briquettes from esparto partially pyrolyzed. <i>Energy Conversion and Management</i> , 2005 , 46, 1877-1884	10.6	24
122	Gold(I)-Purine Interactions: Synthesis and Characterization of Cyclic and Open Chain Polynuclear Gold(I) Complexes Containing Xanthine Derivatives and Bis(phosphine) as Bridging Ligands. Crystal Structures of $[\text{Au}(2)(\mu\text{-HX})(\mu\text{-dmpe})].3\text{H}_2\text{O}$ and $[\text{Au}(2)(\mu\text{-TT})(\mu\text{-dmpe})].\text{H}_2\text{O}$ (H(2)X = Xanthine, H(2)TT = 8-Mercaptotheophylline). <i>Inorganic Chemistry</i> , 1996 , 35, 4232-4238	5.1	24
121	CollLnIII dinuclear complexes (LnIII = Gd, Tb, Dy, Ho and Er) as platforms for 1,5-dicyanamide-bridged tetranuclear Coll ₂ Ln ₂ complexes: A magneto-structural and theoretical study. <i>Comptes Rendus Chimie</i> , 2012 , 15, 878-888	2.7	23
120	Fabrication of metal-organic hybrid architectures using bridging diphenyl phosphate: syntheses, characterization, magnetic properties and the effect of weak interactions on their crystal packing. <i>Dalton Transactions</i> , 2013 , 42, 2094-106	4.3	22
119	Improving the SMM and luminescence properties of lanthanide complexes with LnO cores in the presence of Zn: an emissive ZnDy single ion magnet. <i>Dalton Transactions</i> , 2017 , 46, 17000-17009	4.3	22
118	Field-induced slow magnetic relaxation and luminescence thermometry in a mononuclear ytterbium complex. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3019-3029	6.8	22
117	Varying structural motifs, unusual X-band electron paramagnetic spectra, DFT studies and superoxide dismutase enzymatic activity of copper(II) complexes with N ² -[(E)-phenyl(pyridin-2-yl)methylidene]benzohydrazide. <i>New Journal of Chemistry</i> , 2018 , 42, 3112-3136	3.6	21
116	Linear {NiII-LnIII-NiII} complexes containing twisted planar Ni(μ -phenolate) ₂ Ln fragments: synthesis, structure, and magnetothermal properties. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1876-87	4.5	21
115	Synthesis and Molecular Structure of the First Metal Complex of an Analogue of Guanine with Pd(II)-C(8) Binding. <i>Inorganic Chemistry</i> , 1997 , 36, 3784-3786	5.1	21

114	[Co(Ebx)(Hpmtz)] [A New Coll Zig-Zag Chain Complex with the In Situ Generated Oxalate Bridging and Hpmtz Chelating Ligands (Hpmtz = 5-pyrimidyltetrazole) Exhibiting Spin-Canted Antiferromagnetism. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 203-207	2.3	20
113	Anion-Interaction stitching 2-D layers formed by self-assembly of cations of a mononuclear copper(II) complex: synthesis, crystal structure and magnetism of [Cu(OAc)(2,2'-dypam) ₂](ClO ₄) [HOAc = acetic acid, 2,2'-dypam = 2,2'-dipyridylamine]. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 540-551	1.6	20
112	Synthesis of polynuclear copper(II) complexes by controlling the conformation (cis or trans) of N,N'-bis(3-aminopropyl) oxamidate and the coordination mode of 2,2'-bipyrimidine. <i>Inorganica Chimica Acta</i> , 1998 , 281, 95-100	2.7	20
111	One-Dimensional Thiocyanato-Bridged Fe(II) Spin Crossover Cooperative Polymer With Unusual FeNS Coordination Sphere. <i>Inorganic Chemistry</i> , 2018 , 57, 12338-12346	5.1	20
110	Photographing the synergy between magnetic and colour properties in spin crossover material [Fe(NH ₂ trz) ₃](BF ₄) ₂ : a temperature sensor perspective. <i>Chemical Communications</i> , 2013 , 49, 288-90	5.8	19
109	Dinuclear copper(II) complexes containing nitroso-oximate bridges: two different copper(II)-bridging entities from the same precursor. <i>Polyhedron</i> , 1997 , 16, 281-289	2.7	19
108	Multidimensional Cyanide-Bridged Heterometallic FeII/CuI and Homometallic CuI Coordination Polymers from Solvothermal Reactions Involving either K ₃ [Fe(CN) ₆] or KCN as the Source of Cyanide Anions. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2860-2868	2.3	19
107	Crystal structure and spectroscopic properties of a novel mixed-valence compound containing tetrabromocuprate(II) and tribromocuprate(I) anions. <i>Inorganic Chemistry</i> , 1992 , 31, 1062-1066	5.1	19
106	Design of a Family of Ln Triangles with the HAT Ligand (1,4,5,8,9,12-Hexaazatriphenylene): Single-Molecule Magnetism. <i>Inorganic Chemistry</i> , 2017 , 56, 5594-5610	5.1	17
105	Rational design of triple-bridged dinuclear ZnII/LnIII-based complexes: a structural, magnetic and luminescence study. <i>CrystEngComm</i> , 2017 , 19, 256-264	3.3	17
104	3d-3d-4f Chain complexes constructed using the dinuclear metallacyclic complex [Ni(2)(mbpb)(3)](2-) [H(2)mbpb = 1,3-bis(pyridine-2-carboxamide)benzene] as a ligand: synthesis, structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2010 , 49, 1826-33	5.1	17
103	A novel 3D cyano-bridged mixed-valence CoII/CoIII canted antiferromagnet constructed from defective cubanes. Synthesis, X-ray structure and magnetic properties. <i>Dalton Transactions</i> , 2007 , 2145-43	4.3	17
102	Ferromagnetic coupling and thermochromism in [Ni(rac-CTH)(μ _{1,1} -N ₃) ₂ Cu(N ₃) ₂], the first end-on azido-bridged bimetallic complex. <i>Dalton Transactions</i> , 2004 , 3938-40	4.3	17
101	Deprotonation and self-assembly of a symmetric oxamidate-bridged dinuclear copper(II) complex involving imidazole moieties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 861		17
100	Reactions of chloro(triphenylphosphine)gold(I) and [μ _{1,2} -bis(diphenylphosphine)ethane]-bis[bromogold(I)] with oxopurine bases. Molecular and crystal structure and bonding of (theophyllinato)(triphenylphosphine)gold(I). <i>Journal of the Chemical Society Dalton Transactions</i> , 1989 , 2323-2329		17
99	Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. <i>Dalton Transactions</i> , 2018 , 47, 12783-12794	4.3	17
98	Mononuclear Lanthanide Complexes: Energy-Barrier Enhancement by Ligand Substitution in Field-Induced Dy SIMs. <i>Inorganic Chemistry</i> , 2017 , 56, 7985-7997	5.1	16
97	Heterometallic Oximate-Bridged Linear Trinuclear NiII/MIII/NiIII (MIII = Mn, Fe, Tb) Complexes Constructed with the fac-O ₃ [Ni(HL) ₃] Metalloligand (H ₂ L = pyrimidine-2-carboxamide oxime): A Theoretical and Experimental Magneto-Structural Study. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 5225-5232	2.3	16

96	Effect of protonated aminopyridines on the structural divergences of M(II)thalonate complexes (M = Cu, Ni, Co). <i>Polyhedron</i> , 2010 , 29, 1317-1325	2.7	16
95	Palladium phosphine complexes from 8-(thio)-theophylline, 8-(methylthio)-theophylline and 8-(benzylthio)-theophylline. <i>Inorganica Chimica Acta</i> , 2000 , 307, 125-130	2.7	16
94	Two-step spin crossover behaviour in the chiral one-dimensional coordination polymer [Fe(HAT)(NCS) ₂]. <i>RSC Advances</i> , 2015 , 5, 69782-69789	3.7	15
93	Structural diversity due to amino alcohol ligands leading to rare μ -hydroxo-bridged tetranuclear and "bicapped cubane" cores in copper(II) complexes: a theoretical and experimental magnetostructural study. <i>Inorganic Chemistry</i> , 2013 , 52, 11096-109	5.1	15
92	Synthesis, structure, magnetic properties and DFT calculations of novel bis-(5-tetrazolyl)amine copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2012 , 385, 73-80	2.7	15
91	The (8-thiotheophyllinate) (triphenylphosphine) gold (I), (tTAuP): a new gold complex as an anticancer agent. <i>Biomedicine and Pharmacotherapy</i> , 1993 , 47, 363-70	7.5	15
90	The preparation, spectroscopic study and crystal structures of two copper(II) complexes of closely related carboxyphenylazopyrimidine ligands, involving distorted square-pyramidal CuN ₄ O and CuN ₃ O ₂ chromophores. <i>Polyhedron</i> , 1994 , 13, 203-207	2.7	15
89	A heterodinuclear anti oximate-bridged copper(II)-nickel(II) complex: crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 1995 , 234, 61-65	2.7	15
88	The effect of the electronic structure and flexibility of the counteranions on magnetization relaxation in [Dy(L) ₂ (H ₂ O) ₅] ³⁺ (L = phosphine oxide derivative) pentagonal bipyramidal SIMs. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 689-699	6.8	15
87	Ferromagnetic dinuclear mixed-valence Mn(II)/Mn(III) complexes: building blocks for the higher nuclearity complexes. structure, magnetic properties, and density functional theory calculations. <i>Inorganic Chemistry</i> , 2013 , 52, 2228-41	5.1	14
86	Novel anion-tunable structural diversity and new topologies in CuII complexes of a Schiff base. <i>Polyhedron</i> , 2015 , 88, 90-100	2.7	14
85	Touching the upper limit for ferromagnetic interactions in hetero-bridged dinuclear [Cu ₂ (II)] complexes using a novel N ₅ -dinucleating ligand bearing an endogenous monoatomic amido(R-NH(-))-bridging group. <i>Chemical Communications</i> , 2012 , 48, 805-7	5.8	14
84	Anion encapsulation promoted by anion π interactions in rationally designed hexanuclear antiferromagnetic wheels: synthesis, structure and magnetic properties. <i>CrystEngComm</i> , 2009 , 11, 2054	3.3	14
83	Magnetic properties and crystal structure of {Pyrazine}bis[(aqua)(2,6-xylylaminodiacetato)copper(II)]. A pyrazine-bridged dinuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 1994 , 217, 39-44	2.7	14
82	Palladium(II) complexes of N,N-co-ordinating arylazouracil ligands: infrared spectroscopy, thermal properties, and X-ray crystal structure of trans-bis(6-amino-1,3-dimethyl-5-phenylazouracilato)palladium(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 2747-2752		14
81	Homodinuclear {LnIII ₂ } (LnIII = GdIII, TbIII, HoIII, and DyIII) Complexes: Field-Induced SMM Behavior of the DyIII and TbIII Analogues. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 212-220	2.3	14
80	Single-Molecule Magnet and Magnetothermal Properties of Two-Dimensional Polymers Containing Heterometallic [Cu ₅ Ln ₂] (Ln = GdIII and DyIII) Motifs. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1645-1654	2.3	13
79	Novel metalorganic frameworks based on 5-bromonicotinic acid: Multifunctional materials with H ₂ purification capabilities. <i>CrystEngComm</i> , 2012 , 14, 6390	3.3	13

- 78 A Combined Experimental and Theoretical Study on Bis(alkoxo)diiron(III) Complexes with Hydroxybenzylaminoethanol [O,N,O] Donor Ligands: Syntheses, Structures and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2011**, 2011, 1990-1996 2.3 13
- 77 Tetranuclear Copper(II) Complexes Bearing Cu₄O₆ and Cu₄O₄ Cores: Synthesis, Structure, Magnetic Properties, and DFT Study. *European Journal of Inorganic Chemistry*, **2010**, 2010, 790-798 2.3 13
- 76 Copper(I)-Purine-Phosphine Complexes. Syntheses and Molecular Structures of [Cu(2)(μ -HL(1))(2)(μ -dppm)(eta(1)-dppm)(2)] and {[Cu(3)(μ -(3)-Cl)(2)(μ -dppm)(3)][Cu(HL(2))(2)]} (H(2)L(1) = 8-Mercaptotheophylline and H(2)L(2) = 8-Ethyl-3-methylxanthine). *Inorganic Chemistry*, **1997**, 36, 1084-1087 5.1 13
- 75 Crystal structure and magnetic properties of [Cu(cyclam)]₃[Fe(CN)₆]₂ · 6H₂O, a cyano-bridged assembly with a rope-ladder chain structure. *Polyhedron*, **2007**, 26, 2859-2863 2.7 13
- 74 Alkali cation influence on copper cyanide solid-state architecture: two self-assembled copper(I) sodium and copper(I) potassium complexes showing 2D and 3D structures. *Inorganica Chimica Acta*, **2004**, 357, 611-614 2.7 13
- 73 A tris-imidazolecarboxyaldehyde copper(II) complex with unusual carbonyl co-ordination: structure and reactivity. *Dalton Transactions RSC*, **2002**, 561-565 13
- 72 5-Arylazoniumuracil dibromoaurates(I): X-ray crystal structure of bis(6-amino-1,3-dimethyl-5-phenylazoniumuracil) dibromoaurate monobromide monohydrate, (DZH₂)₂(AuBr₂)Br · 2H₂O, and growth inhibition of HeLa cells. *Inorganica Chimica Acta*, **1989**, 161, 199-206 2.7 13
- 71 Unprecedented tetranuclear complexes with "weighing balance shaped" topology: single crystal structures, unusual EPR spectra, magnetic properties and antioxidant activity. *Dalton Transactions*, **2017**, 46, 11860-11874 4.3 12
- 70 Synthesis and crystal structure of Na[Pd(Hpba)]₂ · 2H₂O [H₄pba=1,3-propylenebis(oxamic acid)]. The first bis(oxamato)palladium(II) complex and an unexpected trideprotonated form of the ligand. *Inorganica Chimica Acta*, **1999**, 284, 292-295 2.7 12
- 69 A Chiral Bipyrimidine-Bridged Dy SMM: A Comparative Experimental and Theoretical Study of the Correlation Between the Distortion of the DyO₆N₂ Coordination Sphere and the Anisotropy Barrier. *Frontiers in Chemistry*, **2018**, 6, 537 5 12
- 68 Tb, Dy, and ZnDy Complexes Showing the Unusual Versatility of a Hydrazone Ligand toward Lanthanoid Ions: a Structural and Magnetic Study. *Inorganic Chemistry*, **2018**, 57, 10100-10110 5.1 11
- 67 Experimental evidence and DFT studies of next-nearest-neighbor magnetic interactions through diamagnetic 3d and 4d ions. *Inorganic Chemistry*, **2012**, 51, 1011-9 5.1 11
- 66 Photophysical properties of [Ir(tpy)₂]³⁺-doped silica nanoparticles and synthesis of a colour-tunable material based on an Ir(core)Eu(shell) derivative. *Journal of Materials Chemistry C*, **2013**, 1, 3808 7.1 11
- 65 Double and triple stranded mesocates containing the bis(bidentate) bridging ligand 1,3-bis(pyridine-2-carboxamide)benzene. Structure, properties and DNA interaction. *New Journal of Chemistry*, **2009**, 33, 1901 3.6 11
- 64 A novel example of a direct interaction between the carbonyl oxygen, O(6), of a N(7)-bonded 6-oxopurine and copper(II). Preparation, spectroscopic study and crystal structure of bis(8-methylthiotheophyllinato)bis(pyridine)copper(II). *Inorganica Chimica Acta*, **1992**, 202, 219-224 2.7 11
- 63 The effect of the disposition of coordinated oxygen atoms on the magnitude of the energy barrier for magnetization reversal in a family of linear trinuclear Zn-Dy-Zn complexes with a square-antiprism DyO coordination sphere. *Dalton Transactions*, **2017**, 46, 4278-4286 4.3 10
- 62 Slow magnetic relaxation and water oxidation activity of dinuclear CoCo and unique triangular CoCoCo mixed-valence complexes. *Dalton Transactions*, **2020**, 49, 6328-6340 4.3 10
- 61 Stepwise formation of a pentanuclear Ni₄Cu heterometallic complex exhibiting a vertex-sharing defective double-cubane core and diphenoxo- and phenoxo/azide bridging groups: a magnetostructural and DFT theoretical study. *Inorganic Chemistry*, **2013**, 52, 3995-4001 5.1 10

60	Cyanide-bridged tetradecanuclear RuII3MII11 clusters (MII=ZnII and CuII) based on the high connectivity building block [Ru3(HAT)(CN)12]6-: structural and photophysical properties. <i>Chemical Communications</i> , 2008 , 4460-2	5.8	10
59	Magnetic Langmuir-Blodgett films of ferritin with different iron loadings. <i>Synthetic Metals</i> , 2005 , 148, 7-10	3.6	10
58	[Au(2)(micro-G)(micro-dmpe)].(KBr)(0.75) 2H(2)O, a cyclic dinuclear gold(I) complex with an N3,N9-bridging coordination mode of guanine and aurophilic interactions: synthesis, X-ray crystal structure and luminescence properties (dmpe=1,2-bis(dimethylphosphino)ethane and G=guaninato dianion). <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 595-600	4.2	10
57	Structural and magnetic studies of a zigzag chain copper(II) complex and a dipolar spin-coupled copper(II) dimer with the versatile ligand 5-[(2-carboxyphenyl)azo]-1,3-dimethylbarbituric acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 157-163		10
56	Structural Characterization of Closely Related Mononuclear CuII Complexes of 5-Nitrosooxime Pyrimidines. A Combined X-Ray and EPR Study.. <i>Acta Chemica Scandinavica</i> , 1997 , 51, 1051-1057		10
55	Iso-valence Co(II) and mixed-valence Co(II/III) tetranuclear complexes: Synthesis, structure, magnetic properties and DFT study. <i>Polyhedron</i> , 2013 , 65, 60-66	2.7	9
54	Absence of a magnetic interaction in a dinuclear copper complex? The case of a crossed axial-equatorial oxalate coordination mode. <i>Polyhedron</i> , 2013 , 63, 127-132	2.7	9
53	Synthesis and crystal structure determination of Mn(II) Schiff base complexes and their performance in ethene polymerization. <i>Polyhedron</i> , 2013 , 56, 221-229	2.7	9
52	Orthometalation of 6-amino-1,3-dimethyl-5-phenylazouracil: crystal structure and spectroscopic properties of trans-[RhIII(Cl2(L)(H2O))2]·3H2O. <i>Inorganica Chimica Acta</i> , 1995 , 231, 103-107	2.7	9
51	A unique single carboxylate-bridged spin-frustrated chiral Mn(II) metallatriangle. <i>Dalton Transactions</i> , 2010 , 39, 10286-92	4.3	8
50	Reactions of the polynuclear chain complex [Cu(L)(H2O)]n (H2L is 5-[(2-carboxyphenyl)azo]-1,3-dimethylbarbituric acid) with imidazole. Crystal structures of the dinuclear and mononuclear derivatives and EPR study of the dimer-monomer equilibrium in solution. <i>Inorganica Chimica Acta</i> , 1994 , 219, 127-133	2.7	8
49	The First Example of a Discrete Thiocyanatocuprate(I) Anion. Crystal Structure of Bis[6-amino-1,3-dimethyl-5-(2-ethyl)phenylazonium Uracil] Tris(thiocyanato-S)-cuprate(I).. <i>Acta Chemica Scandinavica</i> , 1994 , 48, 382-387		8
48	Heterometallic Octanuclear Ni Ln (Ln = Y, Gd, Tb, Dy, Ho, Er) Complexes Containing Ni Ln O Distorted Cubane Motifs: Synthesis, Structure, and Magnetic Properties. <i>ACS Omega</i> , 2018 , 3, 5202-5211	3.9	8
47	Effect of the change of the ancillary carboxylate bridging ligand on the SMM and luminescence properties of a series of carboxylate-diphenoxido triply bridged dinuclear ZnLn and tetranuclear ZnLn complexes (Ln = Dy, Er). <i>Dalton Transactions</i> , 2018 , 48, 190-201	4.3	7
46	Octadentate flexible ligands as a platform for a variety of homo and heterometallic complexes containing diphenoxido and phenoxido/azido bridging groups: synthesis, structure and magnetic properties. <i>New Journal of Chemistry</i> , 2018 , 42, 6332-6342	3.6	7
45	Synthetic ability of dinuclear mesocates containing 1,3-bis(diazinecarboxamide)benzene bridging ligands to form complexes of increased nuclearity. Crystal structures, magnetic properties and theoretical studies. <i>Dalton Transactions</i> , 2017 , 46, 10469-10483	4.3	7
44	Synthesis and Characterization of 4-, 5-, and 6-Coordinate Tris(1-ethyl-4-isopropylimidazolyl-N)phosphine Cobalt(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2092-2100	2.3	7
43	Synthesis, Structure, and Magnetic Properties of Phosphinate-Bridged Hexanuclear FeIII Complexes Containing Two Butterfly-Shaped Fe3O Cores. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5601-5610	2.3	7

- 42 Bis(didentate) open-chain and tetradentate pseudo-macrocyclic bridging-co-ordination modes of N,N'-bis(1,3-dimethyl-5-nitroso-2,4-dioxypyrimidin-6-yl)butane-1,4-diamine. *Journal of the Chemical Society Dalton Transactions*, **1997**, 1685-1690 7
- 41 Octakis(dimethyl sulfoxide-O)gadolinium(III) Hexacyanoferrate(III). *Acta Crystallographica Section C: Crystal Structure Communications*, **1998**, 54, 1275-1277 7
- 40 A pro-chiral bis-imidazolyl-containing copper(II) complex as precursor of a self-assembled polymer and a heterodinuclear copper(II)nickel(II) complex. *Inorganica Chimica Acta*, **2000**, 306, 137-141 2.7 7
- 39 Synthesis, spectroscopic studies, and crystal structure of theophyllinium tetrabromopalladate(II). *Journal of Crystallographic and Spectroscopic Research*, **1989**, 19, 755-763 7
- 38 Structure of bis(4-amino-1,2-dihydro-1-methyl-5-nitroso-2-oxo-6-pyrimidinolato-O,N)diaquazinc(II) dihydrate. *Acta Crystallographica Section C: Crystal Structure Communications*, **1986**, 42, 407-410 7
- 37 Poly[di aqua- μ -oxalato-di- μ -pyrimidine-2-carboxyl-ato-dimanganese(II)]. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, m618 7
- 36 Possibilities with 2-pyrimidinecarbonitrile to design MOFs. *Polyhedron*, **2014**, 80, 173-179 2.7 6
- 35 Palladium compounds of xanthine and xanthine derivatives. *Inorganica Chimica Acta*, **1983**, 79, 250-251 2.7 6
- 34 Field-Induced Single Molecule Magnets of Phosphine- and Arsine-Oxides. *Frontiers in Chemistry*, **2018**, 6, 420 5 6
- 33 Dinuclear CoVs. tetranuclear CoY complexes: the effect of increasing molecular size on magnetic anisotropy and relaxation dynamics. *Dalton Transactions*, **2019**, 48, 14873-14884 4.3 5
- 32 Binuclear terephthalato-bridged copper(II) complex with N2O2 coordinating tripodal ligand: synthesis, structure, magnetic properties, and DFT study. *Journal of Coordination Chemistry*, **2010**, 63, 1893-1903 1.6 5
- 31 Synthesis and crystal structure of the μ -[tris[bis(diphenylphosphine)methane]]- β -3-methyl-8-ethylxanthine-N,O,O]- β -chloro-triangle-tricopper(I)-water complex exhibiting a novel oxopurine coordination mode. *Inorganica Chimica Acta*, **1994**, 227, 43-47 2.7 5
- 30 Crystal Structure and Spectral Properties of Bis(6-amino-1,3-dimethyl-5-phenylazoniumuracil)tetrachlorocuprate(II).. *Acta Chemica Scandinavica*, **1989**, 43, 368-372 5
- 29 Modulating Magnetic and Photoluminescence Properties in 2-Aminonicotinate-Based Bifunctional Coordination Polymers by Merging 3d Metal Ions. *Chemistry - A European Journal*, **2020**, 26, 13484-13498 4.8 5
- 28 Slow magnetic relaxation in dinuclear dysprosium and holmium phenoxide bridged complexes: a Dy₂ single molecule magnet with a high energy barrier. *Inorganic Chemistry Frontiers*, **2021**, 8, 2532-2541 6.8 5
- 27 Hydrolysis on Di-Schiff Base Ligand During Dinuclear Ni(II) Complex Formation: Synthesis, Crystal Structures and Magneto-Structural Correlation Studies. *Proceedings of the National Academy of Sciences India Section A - Physical Sciences*, **2014**, 84, 189-196 0.9 4
- 26 Copper (II) complexes of two new oxamidate bis-tetradentate Schiff-base ligands. *Polyhedron*, **1998**, 17, 2713-2718 2.7 4
- 25 Mononuclear and binuclear iron(III) complexes incorporating N4O3 coordinating heptadentate ligand: Synthesis, structure and magnetic properties. *Polyhedron*, **2008**, 27, 2751-2756 2.7 4

24	Crystal Structure of Bis[6-amino-1,3-dimethyl-5-(2-ethyl)phenylazonium Uracil] Tris(thiocyanato-S)cuprate(I). Redetermination at 193 K.. <i>Acta Chemica Scandinavica</i> , 1995 , 49, 305-306		4
23	Experimental and Computational Study of Unique Tetranuclear μ_3 -Chloride and μ_3 -Phenoxy/Chloro-Bridged Defective Dicubane Cobalt(II) Clusters. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1192-1199	2,3	4
22	Mononuclear lanthanide complexes assembled from a tridentate NNO donor ligand: design of a Dy single-ion magnet. <i>Dalton Transactions</i> , 2019 , 48, 4857-4866	4,3	3
21	DFT approach to reaction mechanisms through molecular complexes. The case of an organo-catalysed nucleosidation reaction. <i>Computational and Theoretical Chemistry</i> , 2010 , 944, 43-52		3
20	(1,3-Dimethyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-7-yl)(dimethylphenylphosphine)gold(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 2551-2554		3
19	6-Amino-1,3-dimethyl-5-(2-ethylphenylazonio)uracil bromide dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991 , 47, 1512-1515		3
18	A Novel Example of a Dinuclear Copper(II) Complex Bridged Only by One Pyrazolate Ion. Preparation, Spectroscopic and Magnetic Properties, and MMX Force Field Study.. <i>Acta Chemica Scandinavica</i> , 1992 , 46, 1055-1058		3
17	Crystal Structure of $[\text{Ni}(\text{CTH})(\text{NCS})_2]$ with Linearly and Nonlinearly Coordinated Isothiocyanate Groups.. <i>Acta Chemica Scandinavica</i> , 1996 , 50, 178-180		3
16	Seven-coordinate Ln complexes assembled from a bulky acacH ligand: their synthesis, structure, photoluminescence and SMM behaviour. <i>Dalton Transactions</i> , 2020 , 49, 15404-15416	4,3	3
15	Mannich Base Ligands as Versatile Platforms for SMMs. <i>Topics in Organometallic Chemistry</i> , 2018 , 101-163	6	2
14	Novel Bimetallic-Dicyanamide Extended Two- and Three-Dimensional Networks through $[\text{Cu}(\text{rac-CTH})]_2^+$ Cation Templation. <i>Crystal Growth and Design</i> , 2009 , 9, 4102-4107	3,5	2
13	Synthesis, spectroscopic, magnetic properties and MMX force field study of two imidazolate-bridged dinuclear copper(II) complexes. <i>Transition Metal Chemistry</i> , 1992 , 17, 397-400	2,1	2
12	8-Thiatheophylline nitrato silver (I): Spectroscopic characterization and crystal structure. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1990 , 20, 133-138		2
11	Synthesis, Structural Features and Physical Properties of a Family of Triply Bridged Dinuclear 3d-4f Complexes. <i>Magnetochemistry</i> , 2021 , 7, 22	3,1	2
10	Octanuclear $\{\text{Ln}_8\}$ complexes: magneto-caloric effect in the $\{\text{Gd}_8\}$ analogue. <i>Journal of Chemical Sciences</i> , 2021 , 133, 1	1,8	2
9	Experimental and theoretical study of photoluminescence and magnetic properties of metalorganic polymers based on squarate and tetrazolate moieties containing linkers. <i>New Journal of Chemistry</i> , 2015 , 39, 9926-9930	3,6	1
8	Tuning magnetic anisotropy by the σ -bonding features of the axial ligands and the electronic effects of gold(I) atoms in 2D $\{\text{Co}(\text{L})_2[\text{Au}(\text{CN})_2]_2\}_n$ metalorganic frameworks with field-induced single-ion magnet behaviour. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4611-4630	6,8	1
7	Oxidation of 5,6-Diamino-1,3-dimethyluracil by Metal Ions: Structure of 1,3,6,8-Tetramethyl-2,4,7,9(1H,3H,6H,8H)-pyrimido[4,5-g]pteridinetetrone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 1005-1007		1

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| 6 | Heptahydrated Monosodium Salt of 6-Amino-5-(2-carboxyphenyl)azouracil. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 939-942 | | 1 |
| 5 | Aqua[1,3-propanediylidiminobis(1,3-dimethyl-5-nitrosouracilato)- μ N5,N6,N15,N16]copper(II) Monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 1087-1089 | | 1 |
| 4 | Metal ion-purine base interactions. Zinc(II) and cadmium(II) complexes of 8-methylthiotheophylline. X-ray crystal structure and solution structure of bis(8-methylthiotheophyllinato)diaquazinc(II). <i>Journal of Inorganic Biochemistry</i> , 1993 , 49, 245-253 | 4.2 | 1 |
| 3 | Structure of potassium theobrominium tetrakis(thiocyanato)palladate(II) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993 , 49, 580-582 | | 1 |
| 2 | Monitoring spin-crossover phenomena Re(I) luminescence in hybrid Fe(II) silica coated nanoparticles. <i>Dalton Transactions</i> , 2021 , 50, 16176-16184 | 4.3 | 0 |
| 1 | Eight coordinated mononuclear dysprosium complexes of heptadentate aminophenol ligands: the influence of the phenol substituents and the ancillary donors on the magnetic relaxation. <i>Dalton Transactions</i> , 2021 , 50, 15878-15887 | 4.3 | 0 |