

Enrique Colacio

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5624069/enrique-colacio-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

239
papers

7,714
citations

47
h-index

71
g-index

246
ext. papers

8,288
ext. citations

4.3
avg, IF

5.85
L-index

#	Paper	IF	Citations
239	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
238	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
237	Slow magnetic relaxation in dinuclear dysprosium and holmium phenoxide bridged complexes: a Dy ₂ single molecule magnet with a high energy barrier. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2532-2541	6.8	5
236	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
235	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
234	Octanuclear {Ln ₈ } complexes: magneto-caloric effect in the {Gd ₈ } analogue. <i>Journal of Chemical Sciences</i> , 2021 , 133, 1	1.8	2
233	Tuning magnetic anisotropy by the bonding features of the axial ligands and the electronic effects of gold(I) atoms in 2D {Co(L) ₂ [Au(CN) ₂] ₂ } _n metal-organic frameworks with field-induced single-ion magnet behaviour. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4611-4630	6.8	1
232	Slow magnetic relaxation and water oxidation activity of dinuclear CoCo and unique triangular CoCoCo mixed-valence complexes. <i>Dalton Transactions</i> , 2020 , 49, 6328-6340	4.3	10
231	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
230	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
229	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
228	Modulating Magnetic and Photoluminescence Properties in 2-Aminonicotinate-Based Bifunctional Coordination Polymers by Merging 3d Metal Ions. <i>Chemistry - A European Journal</i> , 2020 , 26, 13484-13498	4.8	5
227	Dinuclear CoYvs. tetranuclear CoY complexes: the effect of increasing molecular size on magnetic anisotropy and relaxation dynamics. <i>Dalton Transactions</i> , 2019 , 48, 14873-14884	4.3	5
226	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
225	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
224	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
223	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

222	Varying structural motifs, unusual X-band electron paramagnetic spectra, DFT studies and superoxide dismutase enzymatic activity of copper(II) complexes with N ⁺ -(E)-phenyl(pyridin-2-yl)methylidene]benzohydrazide. <i>New Journal of Chemistry</i> , 2018 , 42, 3112-3136	3.6	21
221	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
220	Single-Molecule Magnet and Magnetothermal Properties of Two-Dimensional Polymers Containing Heterometallic [Cu5Ln2] (Ln = GdIII and DyIII) Motifs. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1645-1654	2.3	13
219	Mannich Base Ligands as Versatile Platforms for SMMs. <i>Topics in Organometallic Chemistry</i> , 2018 , 101-163	6	2
218	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
217	Tb, Dy, and ZnDy Complexes Showing the Unusual Versatility of a Hydrazone Ligand toward Lanthanoid Ions: a Structural and Magnetic Study. <i>Inorganic Chemistry</i> , 2018 , 57, 10100-10110	5.1	11
216	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. <i>Frontiers in Chemistry</i> , 2018 , 6, 537	5	12
215	Field-Induced Single Molecule Magnets of Phosphine- and Arsine-Oxides. <i>Frontiers in Chemistry</i> , 2018 , 6, 420	5	6
214	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
213	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
212	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
211	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
210	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
209	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. <i>Dalton Transactions</i> , 2017 , 46, 4278-4286	4.3	10
208	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
207	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
206	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
205	Rational design of triple-bridged dinuclear ZnIIInIII-based complexes: a structural, magnetic and luminescence study. <i>CrystEngComm</i> , 2017 , 19, 256-264	3.3	17

204	Heterometallic Zn Ln Ensembles Containing (β 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
203	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
202	Unprecedented tetranuclear complexes with "weighing balance shaped" topology: single crystal structures, unusual EPR spectra, magnetic properties and antioxidant activity. <i>Dalton Transactions</i> , 2017 , 46, 11860-11874	4.3	12
201	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
200	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
199	Lanthanide Tetrazolate Complexes Combining Single-Molecule Magnet and Luminescence Properties: The Effect of the Replacement of Tetrazolate N3 by β Diketonate Ligands on the Anisotropy Energy Barrier. <i>Chemistry - A European Journal</i> , 2016 , 22, 14548-59	4.8	37
198	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
197	Experimental and Computational Study of Unique Tetranuclear β 3-Chloride and β -Phenoxo/Chloro-Bridged Defective Dicubane Cobalt(II) Clusters. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1192-1199	2.3	4
196	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
195	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
194	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
193	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
192	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
191	A new family of Ni4 and Ni6 aggregates from the self-assembly of [Ni2] building units: role of carboxylate and carbonate bridges. <i>Inorganic Chemistry</i> , 2015 , 54, 4709-23	5.1	39
190	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
189	Experimental and theoretical study of photoluminescence and magnetic properties of metal-organic polymers based on squarate and tetrazolate moieties containing linkers. <i>New Journal of Chemistry</i> , 2015 , 39, 9926-9930	3.6	1
188	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
187	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

186	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
185	Synthesis and Characterization of 4-, 5-, and 6-Coordinate Tris(1-ethyl-4-isopropylimidazolyl- κ -N)phosphine Cobalt(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2092-2100	2.3	7
184	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
183	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
182	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
181	Synthesis, Structure, and Magnetic Properties of Phosphinate-Bridged Hexanuclear Fe(III) Complexes Containing Two Butterfly-Shaped Fe ₃ O Cores. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5601-5610	2.3	7
180	Novel anion-tunable structural diversity and new topologies in Cu(II) complexes of a Schiff base. <i>Polyhedron</i> , 2015 , 88, 90-100	2.7	14
179	Hydrolysis on Di-Schiff Base Ligand During Dinuclear Ni(II) Complex Formation: Synthesis, Crystal Structures and Magneto-Structural Correlation Studies. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2014 , 84, 189-196	0.9	4
178	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
177	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
176	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
175	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, 12092-91	5.1	34
174	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
173	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
172	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
171	Possibilities with 2-pyrimidinecarbonitrile to design MOFs. <i>Polyhedron</i> , 2014 , 80, 173-179	2.7	6
170	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
169	Two C ₃ -symmetric Dy ₃ III complexes with triple di- η -methoxy- η -phenoxo bridges, magnetic ground state, and single-molecule magnetic behavior. <i>Chemistry - A European Journal</i> , 2014 , 20, 8410-20	4.8	36

168	Linear {NiII-LnIII-NiII} complexes containing twisted planar Ni(phenolate) ₂ Ln fragments: synthesis, structure, and magnetothermal properties. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1876-87	4.5	21
167	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
166	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
165	Hydroxide-free cubane-shaped tetranuclear [Ln ₄] complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 3417-26	5.1	74
164	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
163	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
162	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
161	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
160	Structural diversity due to amino alcohol ligands leading to rare μ ₄ -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
159	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
158	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
157	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
156	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
155	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
154	Stepwise formation of a pentanuclear Ni ₄ Cu heterometallic complex exhibiting a vertex-sharing defective double-cubane core and diphenoxo- and phenoxo/azide bridging groups: a magnetostructural and DFT theoretical study. <i>Inorganic Chemistry</i> , 2013 , 52, 3995-4001	5.1	10
153	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
152	Octanuclear {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
151	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

150	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
149	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. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 3808	7.1	11
148	Slow Magnetic Relaxation in a Co(II) Single-Ion Magnet with Positive Axial Zero-Field Splitting. <i>Angewandte Chemie</i> , 2013 , 125, 9300-9304	3.6	44
147	[Co(μ ₂ -O)(Hpmztz)] _n A New Co(II) Zig-Zag Chain Complex with the In Situ Generated Oxalate Bridging and Hpmztz Chelating Ligands (Hpmztz = 5-pyrimidyltetrazole) Exhibiting Spin-Canted Antiferromagnetism. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 203-207	2.3	20
146	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
145	Synthesis, crystal structures and magnetic properties of bis(μ ₂ -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
144	Novel metal-organic frameworks based on 5-bromonicotinic acid: Multifunctional materials with H ₂ purification capabilities. <i>CrystEngComm</i> , 2012 , 14, 6390	3.3	13
143	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
142	Experimental evidence and DFT studies of next-nearest-neighbor magnetic interactions through diamagnetic 3d and 4d ions. <i>Inorganic Chemistry</i> , 2012 , 51, 1011-9	5.1	11
141	Co(II)Ln(III) dinuclear complexes (Ln(III) = Gd, Tb, Dy, Ho and Er) as platforms for 1,5-dicyanamide-bridged tetranuclear Co(II) ₂ Ln(III) ₂ complexes: A magneto-structural and theoretical study. <i>Comptes Rendus Chimie</i> , 2012 , 15, 878-888	2.7	23
140	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
139	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
138	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
137	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
136	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
135	A Combined Experimental and Theoretical Study on Bis(μ ₂ -alkoxo)diiron(III) Complexes with Hydroxybenzylaminoethanol [O,N,O] Donor Ligands: Syntheses, Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1990-1996	2.3	13
134	Heterometallic Oximate-Bridged Linear Trinuclear Ni(II)M(III)Ni(II) (M(III) = 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
133	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

132	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
131	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
130	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
129	Binuclear terephthalato-bridged copper(II) complex with N ₂ O ₂ coordinating tripodal ligand: synthesis, structure, magnetic properties, and DFT study. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 1893-1903	1.6	5
128	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
127	Antiferromagnetic versus ferromagnetic exchange interactions in bis(EO(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
126	A unique single carboxylate-bridged spin-frustrated chiral Mn(II) metallatriangle. <i>Dalton Transactions</i> , 2010 , 39, 10286-92	4.3	8
125	A chiral diamondoid 3D lanthanum metal-organic framework displaying blue-greenish long lifetime photoluminescence emission. <i>CrystEngComm</i> , 2010 , 12, 1876	3.3	62
124	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
123	Co-operation of Cu(II)-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 ·H ₂ O (H ₂ mal=malonic acid, phen=1,10-phenanthroline). <i>Journal of Molecular Structure</i> , 2010 , 967, 131-139	3.4	26
122	Tetranuclear Copper(II) Complexes Bearing Cu ₄ O ₆ and Cu ₄ O ₄ Cores: Synthesis, Structure, Magnetic Properties, and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 790-0798	2.3	13
121	Effect of protonated aminopyridines on the structural divergences of M(II)halonate complexes (M = Cu, Ni, Co). <i>Polyhedron</i> , 2010 , 29, 1317-1325	2.7	16
120	Dinuclear alkoxo-bridged copper(II) coordination polymers: Syntheses, structural and magnetic properties. <i>Inorganica Chimica Acta</i> , 2010 , 363, 755-762	2.7	32
119	Anion-π 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
118	Double and triple stranded mesocates containing the bis(bidentate) bridging ligand 1,3-bis(pyridine-2-carboxamide)benzene. Structure, properties and DNA interaction. <i>New Journal of Chemistry</i> , 2009 , 33, 1901	3.6	11
117	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
116	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
115	High-dimensional mixed-valence copper cyanide complexes: Syntheses, structural characterizations and magnetism. <i>Polyhedron</i> , 2009 , 28, 1308-1314	2.7	28

114	Novel Bimetallic-Dicyanamide Extended Two- and Three-Dimensional Networks through [Cu(rac-CTH)] ²⁺ Cation Templatation. <i>Crystal Growth and Design</i> , 2009 , 9, 4102-4107	3-5	2
113	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
112	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
111	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
110	Enhanced ferromagnetic interaction in metallacyclic complexes incorporating m-phenylenediamidato bridges. <i>Dalton Transactions</i> , 2009 , 8538-47	4-3	28
109	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
108	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
107	Mixed bridged dinuclear Ni(II) complexes: synthesis, structure, magnetic properties and DFT study. <i>Dalton Transactions</i> , 2008 , 6539-45	4-3	24
106	pH-triggered changes in the supramolecular self-assembly of Cu(II) malonate complexes. <i>CrystEngComm</i> , 2008 , 10, 1358	3-3	28
105	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
104	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
103	Binuclear copper(II) complexes with N4O3 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
102	Mononuclear and binuclear iron(III) complexes incorporating N4O3 coordinating heptadentate ligand: Synthesis, structure and magnetic properties. <i>Polyhedron</i> , 2008 , 27, 2751-2756	2-7	4
101	Poly[di-aqua-μ ₂ -oxalato-di-μ ₂ -pyrimidine-2-carboxylato-dimanganese(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m618		7
100	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 {(μ-Au(CN)(2))(2)}[(M(NH(3))(2))(2)(μ-bpym)]{Au(CN)(2)}(2) (M = Ni(II), Co(II) and Cu(II)). <i>Dalton Transactions</i> , 2007 , 249-56	4-3	26
99	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
98	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
97	Self-assembled cationic heterochiral honeycomb-layered metal complexes with the in situ generated pyrimidine-2-carboxylato bisidentate ligand. Hydrothermal synthesis, crystal structures, magnetic properties, and theoretical study of [M2(micro-pymca)3]OH.H ₂ O (M = FeII, CoII). <i>Inorganic Chemistry</i> , 2007 , 46, 2508-10	5-1	89

- 96 Crystal structure and magnetic properties of $[\{Cu(\text{cyclam})\}_3\{Fe(CN)_6\}_2] \cdot 6H_2O$, a cyano-bridged assembly with a rope-ladder chain structure. *Polyhedron*, **2007**, 26, 2859-2863 2.7 13
- 95 A novel 3D cyano-bridged mixed-valence CoII/CoIII canted antiferromagnet constructed from defective cubanes. Synthesis, X-ray structure and magnetic properties. *Dalton Transactions*, **2007**, 2145-43 17
- 94 The effect of heating rate on yields and compositions of oil products from esparto pyrolysis. *International Journal of Energy Research*, **2006**, 30, 1243-1250 4.5 43
- 93 Magnetic Langmuir-Blodgett films of ferritin with different iron contents. *Langmuir*, **2006**, 22, 6993-7000 4 27
- 92 $[Zn(n)(\text{polyox})(\text{pmtz})_n]$: the first polyoxalate-containing coordination polymer from an unforeseen chemical rearrangement of 5-pyrimidyl-tetrazole under hydrothermal conditions. *Chemical Communications*, **2006**, 4140-2 5.8 41
- 91 Structural and magnetic diversity in cyano-bridged bi- and trimetallic complexes assembled from cyanometalates and $[M(\text{rac-CTH})]_{n+}$ building blocks (CTH = d,l-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane). *Inorganic Chemistry*, **2006**, 45, 10537-51 5.1 55
- 90 Release of iron from ferritin by aceto- and benzohydroxamic acids. *Inorganic Chemistry*, **2005**, 44, 2706-9 5.1 31
- 89 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 $[\{Ni(CN)_4\}_2\{(Ni(NH_3)_2)_2(\text{bpym})\}_n] \cdot 2H_2O$ and $[\{Cu_2(CN)_2(\text{bpym})\}_n] \cdot 4H_2O$. *New Journal of Chemistry*, **2005**, 29, 1169 3.6 25
- 88 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. *Chemical Communications*, **2005**, 534-6 5.8 48
- 87 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. *Inorganic Chemistry*, **2005**, 44, 8399-406 5.1 59
- 86 $[Ni(\text{cyclam})(\mu(1,3)\text{-dca})_2Cu(\mu(1,5)\text{-dca})_2]$: a genuine 3D bimetallic coordination polymer containing both $\mu(1,3)$ - and $\mu(1,5)$ -bidentate dicyanamide bridges and a ferromagnetic interaction between copper(II) and nickel(II) ions. *Inorganic Chemistry*, **2005**, 44, 3771-3 5.1 38
- 85 Magnetic Langmuir-Blodgett films of ferritin with different iron loadings. *Synthetic Metals*, **2005**, 148, 7-10 3.6 10
- 84 Catechol releases iron(III) from ferritin by direct chelation without iron(II) production. *Dalton Transactions*, **2005**, 811-3 4.3 38
- 83 Unique self-assembled 2D metal-tetrazolate networks: crystal structure and magnetic properties of $[M(\text{pmtz})_2]$ (M = Co(II) and Fe(II); Hpmtz = 5-(pyrimidyl)tetrazole). *Chemical Communications*, **2005**, 5228-30 5.8 98
- 82 Production of fuel briquettes from esparto partially pyrolyzed. *Energy Conversion and Management*, **2005**, 46, 1877-1884 10.6 24
- 81 Synthesis, Structure, and Properties of μ Oxo-Bridged $Fe(II)_2$ and Heterometallic Azide-Bridged $Fe(III)_2Cu(I)$ Complexes of a Picolinamide In-Plane Ligand. *European Journal of Inorganic Chemistry*, **2005**, 2005, 1907-1912 2.3 39
- 80 Multidimensional Cyanide-Bridged Heterometallic $Fe(II)_4Cu(I)$ and Homometallic $Cu(I)$ Coordination Polymers from Solvothermal Reactions Involving either $K_3[Fe(CN)_6]$ or KCN as the Source of Cyanide Anions. *European Journal of Inorganic Chemistry*, **2005**, 2005, 2860-2868 2.3 19
- 79 Two polymorphs Ni(II) complexes containing the dicyanamide ligand: syntheses, structures and magnetic properties of $[\{Ni(\text{meso-CTH})(\mu,5\text{-dca})\}_n][ClO_4]_n$ and $[Ni(\text{meso-CTH})][Ni(\text{meso-CTH})(\text{dca})_2](ClO_4)_2$ (dca=dicyanamide; CTH=meso-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraaza-cyclotetradecane). *Inorganica Chimica Acta*, **2004**, 357, 1465-1470 2.7 26

78	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. <i>Inorganica Chimica Acta</i> , 2004 , 357, 611-614	2.7	13
77	[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
76	Ferromagnetic coupling and thermochromism in [Ni(rac-CTH)(mu1,1-N3)2Cu(N3)2], the first end-on azido-bridged bimetallic complex. <i>Dalton Transactions</i> , 2004 , 3938-40	4.3	17
75	A novel one-dimensional cyano-bridged Ni3Fe2 ferromagnet constructed from bimetallic molecular squares. <i>Inorganic Chemistry</i> , 2003 , 42, 6962-4	5.1	35
74	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
73	Hydrothermal syntheses, crystal structures, and properties of two-dimensional homo- and heterometallic cyanide-bridged complexes: [Cu2(CN)2(bpym)] and [Fe(bipy)2(CN)4Cu2] (bpym = 2,2'-bipyrimidine, bipy = 2,2'-bipyridine). <i>Inorganic Chemistry</i> , 2003 , 42, 4209-14	5.1	53
72	Nanoparticles of Prussian blue ferritin: a new route for obtaining nanomaterials. <i>Inorganic Chemistry</i> , 2003 , 42, 6983-5	5.1	166
71	A new type of anionic metal dicyanamide extended networks through [Cu(N4-macrocycle)]2+ cation templation. Structure and magnetic properties. <i>Inorganic Chemistry</i> , 2003 , 42, 2720-4	5.1	27
70	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
69	A tris-imidazolecarboxyaldehyde copper(II) complex with unusual carbonyl co-ordination: structure and reactivity. <i>Dalton Transactions RSC</i> , 2002 , 561-565		13
68	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
67	Synthesis and characterisation of zinc, cadmium and mercury complexes of benzilbisthiosemicarbazone. Structure of cadmium derivative. <i>Inorganica Chimica Acta</i> , 2001 , 323, 130-138	2.7	42
66	Cyano-bridged bimetallic assemblies from hexacyanometalate, [M(CN)6](3-) (M = Mn(III) and Fe(III)), and [M(N4-macrocycle)]2+ (M=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
65	A pro-chiral bis-imidazolyl-containing copper(II) complex as precursor of a self-assembled polymer and a heterodinuclear copper(II)nickel(II) complex. <i>Inorganica Chimica Acta</i> , 2000 , 306, 137-141	2.7	7
64	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
63	Structure and magnetic properties of two cyanide-bridged one-dimensional MIIII (M = FeIII or FeII) bimetallic assemblies from ferricyanide and CuN42+ (N4 = 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
62	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
61	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)2Cu(hfac)(L)] (M = ZnII, CuII, MnII). <i>Inorganic Chemistry</i> , 2000 , 39, 2770-6	5.1	51

60	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
59	Synthesis and crystal structure of Na[Pd(Hpba)] ₂ H ₂ O [H ₄ pba=1,3-propylenebis(oxamic acid)]. The first bis(oxamato)palladium(II) complex and an unexpected trideprotonated form of the ligand. <i>Inorganica Chimica Acta</i> , 1999 , 284, 292-295	2.7	12
58	Novel square-planar cyclic tetranuclear copper(II) complex containing oximate bridges. Synthesis, crystal structure and magnetic properties of tetrakis[μ -1,3-dimethylviolurato)copper(II)] tetraperchlorate dihydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2923-2926		47
57	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
56	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
55	Octakis(dimethyl sulfoxide-O)gadolinium(III) Hexacyanoferrate(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998 , 54, 1275-1277		7
54	Copper (II) complexes of two new oxamidate bis-tetradentate Schiff-base ligands. <i>Polyhedron</i> , 1998 , 17, 2713-2718	2.7	4
53	A cyano bridged iron(III) linear chain with alternating Fe(CN) ₆ Fe(cyclam) (cyclam = 1,4,8,11-tetraazacyclodecane) units and unexpected ferromagnetic behaviour. <i>Chemical Communications</i> , 1998 , 1071-1072	5.8	45
52	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
51	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
50	Bis(didentate) open-chain and tetradentate pseudo-macrocylic bridging co-ordination modes of N,N'-bis(1,3-dimethyl-5-nitroso-2,4-dioxypyrimidin-6-yl)butane-1,4-diamine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 1685-1690		7
49	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
48	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). <i>Inorganic Chemistry</i> , 1997 , 36, 1084-1087	5.1	13
47	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
46	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
45	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
44	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 [Au(2)(μ -HX)(μ -dmpe)].3H ₂ O and [Au(2)(μ -TT)(μ -dmpe)].H ₂ O (H(3)X = Xanthine; H(2)TT = 8-Mercaptotheophylline). <i>Inorganic Chemistry</i> , 1996 , 35, 4232-4238	5.1	24
43	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

- 42 Crystal Structure of [Ni(CTH)(NCS)₂] with Linearly and Nonlinearly Coordinated Isothiocyanate Groups.. *Acta Chemica Scandinavica*, **1996**, 50, 178-180 3
- 41 A mixed-bridged Cu₃ cluster with an isosceles-triangular array of copper(II) ions: synthesis, crystal structure and magnetic properties. *Journal of the Chemical Society Dalton Transactions*, **1995**, 343-348 29
- 40 A two-dimensional copper(I) polymer containing both molecular rod and anionic bridges: synthesis and crystal structure of (μ-chloro)-(μ-pyrazine)copper(I). *Canadian Journal of Chemistry*, **1995**, 73, 1591-1595 38
- 39 Crystal structure and magnetic properties of [Cu(ox)(py)₂](py = pyridine): a ferromagnetic oxalate-bridged zigzag chain complex. *Journal of the Chemical Society Dalton Transactions*, **1995**, 2143-2146 33
- 38 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. *Acta Crystallographica Section C: Crystal Structure Communications*, **1995**, 51, 1005-1007 1
- 37 Heptahydrated Monosodium Salt of 6-Amino-5-(2-carboxyphenyl)azouracil. *Acta Crystallographica Section C: Crystal Structure Communications*, **1995**, 51, 939-942 1
- 36 Aqua[1,3-propanediyl-diiminobis(1,3-dimethyl-5-nitrosouracilato)-λN5,N6,N15,N16]copper(II) Monohydrate. *Acta Crystallographica Section C: Crystal Structure Communications*, **1995**, 51, 1087-1089 1
- 35 (1,3-Dimethyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-7-yl)(dimethylphenylphosphine)gold(I). *Acta Crystallographica Section C: Crystal Structure Communications*, **1995**, 51, 2551-2554 3
- 34 Orthometalation of 6-amino-1,3-dimethyl-5-phenylazouracil: crystal structure and spectroscopic properties of trans-[RhIII Cl₂(L)(H₂O)]₃H₂O. *Inorganica Chimica Acta*, **1995**, 231, 103-107 2.7 9
- 33 A heterodinuclear anti oximate-bridged copper(II)-nickel(II) complex: crystal structure and magnetic properties. *Inorganica Chimica Acta*, **1995**, 234, 61-65 2.7 15
- 32 Crystal Structure of Bis[6-amino-1,3-dimethyl-5-(2-ethyl)phenylazonium Uracil] Tris(thiocyanato-S)cuprate(I). Redetermination at 193 K.. *Acta Chemica Scandinavica*, **1995**, 49, 305-306 4
- 31 The preparation, spectroscopic study and crystal structures of two copper(II) complexes of closely related carboxyphenylazopyrimidine ligands, involving distorted square-pyramidal CuN₄O and CuN₃O₂ chromophores. *Polyhedron*, **1994**, 13, 203-207 2.7 15
- 30 Magnetic properties and crystal structure of {Pyrazine}bis[aqua](2,6-xylilaminodiacetato)copper(II)]. A pyrazine-bridged dinuclear copper(II) complex. *Inorganica Chimica Acta*, **1994**, 217, 39-44 2.7 14
- 29 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. *Inorganica Chimica Acta*, **1994**, 218, 109-116 2.7 31
- 28 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. *Inorganica Chimica Acta*, **1994**, 219, 127-133 2.7 8
- 27 Synthesis and crystal structure of the λ-[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
- 26 Heterodinuclear Copper(II)-Nickel(II) Complexes with Unusual Asymmetrical Bridges from a New and Versatile Dioxime Multidentate Ligand. Magnetostructural Study. *Inorganic Chemistry*, **1994**, 33, 3914-3924 5.1 42
- 25 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).. *Acta Chemica Scandinavica*, **1994**, 48, 382-387 8

24	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
23	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
22	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
21	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
20	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
19	Structure of potassium theobrominium tetrakis(thiocyanato)palladate(II) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993 , 49, 580-582		1
18	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
17	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). <i>Inorganica Chimica Acta</i> , 1992 , 202, 219-224	2.7	11
16	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
15	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
14	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
13	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
12	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
11	A new hydrogen-bonded dinuclear complex involving copper(II) ions in a pseudotetrahedral N3O environment: molecular and crystal structure and magnetic and spectroscopic properties. <i>Inorganic Chemistry</i> , 1991 , 30, 1475-1479	5.1	36
10	8-Thiatheophylline nitrate silver (I): Spectroscopic characterization and crystal structure. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1990 , 20, 133-138		2
9	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
8	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
7	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> , 1989 , 158, 103-110	2.7	27

- 6 Synthesis, spectroscopic studies, and crystal structure of theophyllinium tetrabromopalladate(II). *Journal of Crystallographic and Spectroscopic Research*, **1989**, 19, 755-763 7
- 5 5-Arylazoniumuracil dibromoaurates(I): X-ray crystal structure of bis(6-amino-1,3-dimethyl-5-phenylazoniumuracil) dibromoaurate monobromide monohydrate, (DZH₂)₂(AuBr₂)Br·H₂O, and growth inhibition of HeLa cells. *Inorganica Chimica Acta*, **1989**, 161, 199-206 2.7 13
- 4 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). *Journal of the Chemical Society Dalton Transactions*, **1989**, 2323-2329 17
- 3 Crystal Structure and Spectral Properties of Bis(6-amino-1,3-dimethyl-5-phenylazoniumuracil)tetrachlorocuprate(II).. *Acta Chemica Scandinavica*, **1989**, 43, 368-372 5
- 2 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
- 1 Palladium compounds of xanthine and xanthine derivatives. *Inorganica Chimica Acta*, **1983**, 79, 250-251 2.7 6