

# Malcolm A Halcrow

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1193070/malcolm-a-halcrow-publications-by-year.pdf>

**Version:** 2024-04-28

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.

274  
papers

9,588  
citations

45  
h-index

86  
g-index

295  
ext. papers

10,358  
ext. citations

6.1  
avg, IF

6.85  
L-index

#	Paper	IF	Citations
274	Iron(II) Complexes of 4-(Alkyldisulfanyl)-2,6-di(pyrazolyl)pyridine Derivatives. Correlation of Spin-Crossover Cooperativity with Molecular Structure Following Single-Crystal-to-Single-Crystal Desolvation.. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 1960-1971	3.5	0
273	Iron/2,6-Di(pyrazol-1-yl)pyridine Complexes with a Discotic Pattern of Alkyl or Alkynyl Substituents. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 2999-3007	2.3	0
272	Structural Transformations and Spin-Crossover in [FeL] Salts (L=4-{tert-Butylsulfanyl}-2,6-di{pyrazol-1-yl}pyridine): The Influence of Bulky Ligand Substituents. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2082-2092	4.8	8
271	The effect of tether groups on the spin states of iron(II)/bis[2,6-di(pyrazol-1-yl)pyridine] complexes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7417-7426	4.3	1
270	Influence of ligand substituent conformation on the spin state of an iron(II)/di(pyrazol-1-yl)pyridine complex. <i>Dalton Transactions</i> , <b>2021</b> , 50, 3464-3467	4.3	3
269	The flexibility of long chain substituents influences spin-crossover in isomorphous lipid bilayer crystals. <i>Chemical Communications</i> , <b>2021</b> , 57, 4039-4042	5.8	6
268	Structures and Spin States of Iron(II) Complexes of Isomeric 2,6-Di(1,2,3-triazolyl)pyridine Ligands. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 14988-15000	5.1	0
267	Spin-States of Diastereomeric Iron(II) Complexes of 2,6-Bis(thiazolin-2-yl)pyridine (ThioPyBox) Ligands and a Comparison with the Corresponding PyBox Derivatives. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 14336-14348	5.1	1
266	The number and shape of lattice solvent molecules controls spin-crossover in an isomorphous series of crystalline solvate salts. <i>Chemical Communications</i> , <b>2021</b> , 57, 6566-6569	5.8	4
265	Structure:function relationships for thermal and light-induced spin-crossover in isomorphous molecular materials. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8420-8429	7.1	9
264	Modulating the Magnetic Properties of Copper(II)/Nitroxyl Heterospin Complexes by Suppression of the Jahn-Teller Distortion. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8657-8662	5.1	2
263	Manipulating metal spin states for biomimetic, catalytic and molecular materials chemistry. <i>Dalton Transactions</i> , <b>2020</b> , 49, 15560-15567	4.3	16
262	Elucidating the Structural Chemistry of a Hysteretic Iron(II) Spin-Crossover Compound From its Copper(II) and Zinc(II) Congeners. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 4833-4841	4.8	4
261	Iron and Silver Complexes of 4-(Imidazol-1-yl)-2,6-di(pyrazol-1-yl)-pyridine (L), Including a [Fe <sub>3</sub> (μ-F)2F6L8] <sup>+</sup> Assembly. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 4334-4340	2.3	2
260	Rigidification of a macrocyclic tris-catecholate scaffold leads to electronic localisation of its mixed valent redox product. <i>Chemical Communications</i> , <b>2019</b> , 55, 2281-2284	5.8	3
259	Giant Barocaloric Effect at the Spin Crossover Transition of a Molecular Crystal. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807334	24	40
258	Relationship between the Molecular Structure and Switching Temperature in a Library of Spin-Crossover Molecular Materials. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9811-9821	5.1	35

257	Supramolecular Iron Metallocubanes Exhibiting Site-Selective Thermal and Light-Induced Spin-Crossover. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18759-18770	16.4	17
256	Five 2,6-Di(pyrazol-1-yl)pyridine-4-carboxylate Esters, and the Spin States of their Iron(II) Complexes. <i>Magnetochemistry</i> , <b>2019</b> , 5, 9	3.1	4
255	Molecular squares, coordination polymers and mononuclear complexes supported by 2,4-dipyrazolyl-6H-1,3,5-triazine and 4,6-dipyrazolylpyrimidine ligands. <i>Dalton Transactions</i> , <b>2019</b> , 48, 17310-17320	4.3	4
254	An iron(II) coordination polymer of a triazolyl tris-heterocycle showing a spin state conversion triggered by loss of lattice solvent. <i>CrystEngComm</i> , <b>2019</b> , 21, 6330-6334	3.3	3
253	Silver(I) complexes of bis- and tris-(pyrazolyl)azine derivatives - dimers, coordination polymers and a pentametallic assembly. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5269-5278	4.3	10
252	Interplay between Dopant Species and a Spin-Crossover Host Lattice during Light-Induced Excited-Spin-State Trapping Probed by Electron Paramagnetic Resonance Spectroscopy. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 8709-8713	5.1	3
251	The speciation of homochiral and heterochiral diastereomers of homoleptic cobalt(II) and zinc(II) PyBox complexes. <i>Polyhedron</i> , <b>2018</b> , 149, 134-141	2.7	3
250	Ab Initio Ligand Field Molecular Mechanics and the Nature of Metal-Ligand Bonding in Fe(II) 2,6-di(pyrazol-1-yl)pyridine Spin Crossover Complexes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5204-5212	4.8	17
249	An Incomplete Spin Transition Associated with a $Z' = 1 - \bar{Z}' = 24$ Crystallographic Symmetry Breaking. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5055-5059	4.8	12
248	Heterometallic Coordination Polymer Gels Supported by 2,4,6-Tris(pyrazol-1-yl)-1,3,5-triazine. <i>ACS Omega</i> , <b>2018</b> , 3, 18466-18474	3.9	8
247	2,6-Bis(pyrazol-1-yl)pyridine-4-carboxylate Esters with Alkyl Chain Substituents and Their Iron(II) Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 13761-13771	5.1	21
246	Gradual Thermal Spin-Crossover Mediated by a Reentrant $Z' = 1 - \bar{Z}' = 6 - \bar{Z}' = 1$ Phase Transition. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3144-3148	5.1	22
245	Spin-crossover and the LIESST effect in $[\text{Fe}_x\text{Co}_{1-x}(\text{bpp})_2][\text{BF}_4]_2$ (1.00 $\leq x \leq 0.77$ ). Comparison with bifunctional solid solutions of iron and cobalt spin-crossover centers. <i>Polyhedron</i> , <b>2017</b> , 136, 5-12	2.7	5
244	Spin States of Homochiral and Heterochiral Isomers of $[\text{Fe}(\text{PyBox})]$ Derivatives. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9067-9075	4.8	24
243	The role of symmetry breaking in the structural trapping of light-induced excited spin states. <i>Chemical Communications</i> , <b>2017</b> , 53, 13268-13271	5.8	21
242	Iron(II) Complexes of 2,4-Dipyrazolyl-1,3,5-triazine Derivatives-The Influence of Ligand Geometry on Metal Ion Spin State. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8817-8828	5.1	29
241	Synthesis and study of Cu(I) complex with nitroxide, a jumping crystal analog. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 222-230	1.7	5
240	Supramolecular assembly and transfer hydrogenation catalysis with ruthenium(II) complexes of 2,6-di(1H-pyrazol-3-yl)pyridine derivatives. <i>Polyhedron</i> , <b>2016</b> , 103, 79-86	2.7	12

239	Multifrequency cw-EPR and DFT Studies of an Apparent Compressed Octahedral Cu(II) Complex. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 1497-504	5.1	13
238	Structures and spin states of crystalline [Fe(NCS)2L2] and [FeL3]2+ complexes (L = an annelated 1,10-phenanthroline derivative). <i>CrystEngComm</i> , <b>2016</b> , 18, 2570-2578	3.3	2
237	The Effect of Ligand Design on Metal Ion Spin State Lessons from Spin Crossover Complexes. <i>Crystals</i> , <b>2016</b> , 6, 58	2.3	75
236	A High Pressure Investigation of the Order-Disorder Phase Transition and Accompanying Spin Crossover in [FeL12](ClO4)2 (L1 = 2,6-bis{3-methylpyrazol-1-yl}-pyrazine). <i>Magnetochemistry</i> , <b>2016</b> , 2, 9	3.1	8
235	Different Spin-State Behaviors in Isostructural Solvates of a Molecular Iron(II) Complex. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1789-99	4.8	35
234	Highly porous hydrogen-bond networks from a triptycene-based catechol. <i>CrystEngComm</i> , <b>2016</b> , 18, 4695-4698	3.3	1
233	Evidence for a hopping mechanism in metal single molecule metal junctions involving conjugated metal-terpyridyl complexes; potential-dependent conductances of complexes [M(pyterpy)] (M = Co and Fe; pyterpy = 4'-(pyridin-4-yl)-2,2':6',2''-terpyridine) in ionic liquid. <i>Faraday Discussions</i> , <b>2016</b> , 193, 113-131	3.6	20
232	A Unified Treatment of the Relationship Between Ligand Substituents and Spin State in a Family of Iron(II) Complexes. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4399-4403	3.6	20
231	A Unified Treatment of the Relationship Between Ligand Substituents and Spin State in a Family of Iron(II) Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4327-31	16.4	120
230	Decoupled spin crossover and structural phase transition in a molecular iron(II) complex. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 4805-16	4.8	29
229	Iron(II) complexes of 4-sulfanyl-, 4-sulfinyl- and 4-sulfonyl-2,6-dipyrazolylpyridine ligands. A subtle interplay between spin-crossover and crystallographic phase changes. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 662-670	6.8	18
228	An iron(ii) spin-crossover metallacycle from a back-to-back bis-[dipyrazolylpyridine]. <i>Dalton Transactions</i> , <b>2015</b> , 44, 9417-25	4.3	21
227	One-pot synthesis of highly emissive dipyrindinium dihydrohelicenes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 7035-8	4.8	8
226	Platinum(ii) complexes of mixed-valent radicals derived from cyclotricatechylene, a macrocyclic tris-dioxolene. <i>Chemical Science</i> , <b>2015</b> , 6, 6935-6948	9.4	11
225	Doping ruthenium complexes into a molecular spin-crossover material. <i>Polyhedron</i> , <b>2015</b> , 87, 91-97	2.7	14
224	Synthesis and coordination chemistry of 1,1,1-tris-(pyrid-2-yl)ethane. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10604-9	4.9	19
223	Spin state behavior of iron(II)/dipyrazolylpyridine complexes. New insights from crystallographic and solution measurements. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 289-290, 2-12	23.2	148
222	Synthesis of 4-Hydroxy-2,6-di(pyrazol-1-yl)pyridine, and the Spin State Behaviour of Its Iron(II) Complex Salts. <i>Magnetochemistry</i> , <b>2015</b> , 1, 3-16	3.1	7

221	Bead-like structures and self-assembled monolayers from 2,6-dipyrazolylpyridines and their iron(II) complexes. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7890-7896	7.1	21
220	Unexpected Spin-Crossover and a Low-Pressure Phase Change in an Iron(II)/Dipyrazolylpyridine Complex Exhibiting a High-Spin Jahn-Teller Distortion. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6319-30	5.1	48
219	Iron(II) complexes of tridentate indazolylpyridine ligands: enhanced spin-crossover hysteresis and ligand-based fluorescence. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 682-93	5.1	63
218	Spin-crossover, mesomorphic and thermoelectrical properties of cobalt(II) complexes with alkylated N3-Schiff bases. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 2491-2499	7.1	16
217	Unexpected Spin-Crossover and a Low-Pressure Phase Change in an Iron(II)/Dipyrazolylpyridine Complex Exhibiting a High-Spin Jahn-Teller Distortion. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6319-30	5.1	2
216	Anion-dependent spin crossover in solution for an iron(II) complex of a 1H-pyrazolyl ligand. <i>RSC Advances</i> , <b>2014</b> , 4, 11240	3.7	34
215	Stable mixed-valent radicals from platinum(II) complexes of a bis(dioxolene) ligand. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 6272-6	4.8	16
214	Hexasulfanyl analogues of cyclotriveratrylene. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 2530-2533	2	2
213	Recent advances in the synthesis and applications of 2,6-dipyrazolylpyridine derivatives and their complexes. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1868-1882	3.6	70
212	Iron(II) complexes of 2,6-di(1H-pyrazol-3-yl)-pyridine derivatives with hydrogen bonding and sterically bulky substituents. <i>Dalton Transactions</i> , <b>2014</b> , 43, 7577-88	4.3	26
211	Complex thermal expansion properties in a molecular honeycomb lattice. <i>Chemical Communications</i> , <b>2014</b> , 50, 7601-3	5.8	7
210	Insight into Structure: Function Relationships in a Molecular Spin-Crossover Crystal, from a Related Weakly Cooperative Compound. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 4250-4253	2.3	10
209	A homologous series of [Fe(HBpz)(L)] spin-crossover complexes with annelated bipyridyl co-ligands. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 9809-17	5.1	33
208	Spin-crossover Compounds with Wide Thermal Hysteresis. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1178-1188	1.7	109
207	The foundation of modern spin-crossover. <i>Chemical Communications</i> , <b>2013</b> , 49, 10890-2	5.8	31
206	Isostructural salts of the same complex showing contrasting thermal spin-crossover mediated by multiple phase changes. <i>Chemical Communications</i> , <b>2013</b> , 49, 6280-2	5.8	24
205	A bis(disulfide)-linked offset cryptophane. <i>Chemical Communications</i> , <b>2013</b> , 49, 1512-4	5.8	7
204	Iron(II) and cobalt(II) complexes of tris-azanyl analogues of 2,2':6',2''-terpyridine. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2254-65	4.3	43

203	Four new spin-crossover salts of $[\text{Fe}(\text{3-bpp})_2]^{2+}$ (3-bpp = 2,6-bis[1H-pyrazol-3-yl]pyridine). <i>Polyhedron</i> , <b>2013</b> , 52, 1449-1456	2.7	6
202	Piezo- and Photo-Crystallography Applied to Spin-Crossover Materials <b>2013</b> , 507-526		13
201	Breathing Crystals from Copper Nitroxyl Complexes <b>2013</b> , 239-280		26
200	Spin-State Switching in Solution <b>2013</b> , 281-301		27
199	Novel Mononuclear Spin-Crossover Complexes <b>2013</b> , 55-76		8
198	Spin-Crossover in Discrete Polynuclear Complexes <b>2013</b> , 77-120		11
197	Charge Transfer-Induced Spin-Transitions in Cyanometallate Materials <b>2013</b> , 171-202		5
196	Valence Tautomeric Transitions in Cobalt-dioxolene Complexes <b>2013</b> , 203-224		14
195	Real-Time Observation of Spin-Transitions by Optical Microscopy <b>2013</b> , 425-441		9
194	Ultrafast Studies of the Light-Induced Spin Change in Fe(II)-Polypyridine Complexes <b>2013</b> , 405-424		6
193	Luminescent Spin-Crossover Materials <b>2013</b> , 347-373		23
192	Amphiphilic and Liquid Crystalline Spin-Crossover Complexes <b>2013</b> , 321-345		3
191	Iron(II) complexes of 2,6-di(1-alkylpyrazol-3-yl)pyridine derivatives □The influence of distal substituents on the spin state of the iron centre. <i>Polyhedron</i> , <b>2013</b> , 64, 4-12	2.7	20
190	The Development of Spin-Crossover Research <b>2013</b> , 1-54		15
189	Reversible Spin Pairing in Crystalline Organic Radicals <b>2013</b> , 225-237		6
188	Multifunctional Materials Combining Spin-Crossover with Conductivity and Magnetic Ordering <b>2013</b> , 303-319		2
187	Nanoparticles, Thin Films and Surface Patterns from Spin-Crossover Materials and Electrical Spin State Control <b>2013</b> , 375-404		19
186	Theoretical Prediction of Spin-Crossover at the Molecular Level <b>2013</b> , 443-454		5

185	Theoretical Descriptions of Spin-Transitions in Bulk Lattices <b>2013</b> , 455-474		3
184	Optimizing the Stability of Trapped Metastable Spin States <b>2013</b> , 475-506		30
183	Spin-Transitions in Metal Oxides <b>2013</b> , 527-541		1
182	Polymeric Spin-Crossover Materials <b>2013</b> , 121-146		19
181	Structure:Function Relationships in Molecular Spin-Crossover Materials <b>2013</b> , 147-169		16
180	Jahn-Teller distortions in transition metal compounds, and their importance in functional molecular and inorganic materials. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 1784-95	58.5	267
179	Stepwise Spin Transition and Hysteresis of a Tetrameric Iron(II) Complex, fac-[Tris(2-methylimidazol-4-ylmethylidene-n-hexylamine)]iron(II) Chloride Hexafluorophosphate, Assembled by Imidazole- $\pi$ -Chloride Hydrogen Bonds. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 927-933	2.3	20
178	Synthesis of 2,6-Di(pyrazol-1-yl)pyrazine Derivatives and the Spin-State Behavior of Their Iron(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 819-831	2.3	28
177	<b>2013</b> ,		607
176	Synthesis and methane-binding properties of disulfide-linked cryptophane-0.0.0. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 764-6	16.4	31
175	Photomagnetic studies on spin-crossover solid solutions containing two different metal complexes, [Fe(1-bpp)(2)](x)[M(terpy)2](1-x)[BF4]2 (M = Ru or Co). <i>Dalton Transactions</i> , <b>2012</b> , 41, 4896-902	4.3	22
174	Suppression of the Jahn-Teller distortion in a six-coordinate copper(II) complex by doping it into a host lattice. <i>Chemical Communications</i> , <b>2012</b> , 48, 4055-7	5.8	28
173	An iron(II) complex exhibiting five anhydrous phases, two of which interconvert by spin-crossover with wide hysteresis. <i>Chemical Science</i> , <b>2012</b> , 3, 349-354	9.4	64
172	Iron(II) complexes of new hexadentate 1,1,1-tris-(iminomethyl)ethane podands, and their 7-methyl-1,3,5-triazaadamantane rearrangement products. <i>Dalton Transactions</i> , <b>2012</b> , 41, 3731-9	4.3	7
171	Synthesis and Methane-Binding Properties of Disulfide-Linked Cryptophane-0.0.0. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 788-790	3.6	6
170	Six new crystalline clathrates of cyclotricatechylene (CTC) including two donor-acceptor complexes. <i>Supramolecular Chemistry</i> , <b>2012</b> , 24, 2-13	1.8	10
169	Structure:function relationships in molecular spin-crossover complexes. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 4119-42	58.5	660
168	Assembly Structures and Spin Crossover Properties of Facial and Meridional Isomers of Tris[benzyl(2-methylimidazol-4-ylmethylidene)amine]iron(II) Chloride Hexafluorophosphate. <i>Chemistry Letters</i> , <b>2011</b> , 40, 72-74	1.7	14

167	Spin-crossover in [Fe(3-bpp) <sub>2</sub> ][BF <sub>4</sub> ] <sub>2</sub> in different solvents--a dramatic stabilisation of the low-spin state in water. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12021-4	4.3	72
166	1D and 2D assembly structures by imidazole...chloride hydrogen bonds of iron(II) complexes [Fe(II)(HL(n-Pr)) <sub>3</sub> Cl]Y (HL(n-Pr) = 2-methylimidazol-4-yl-methylideneamino-n-propyl; Y = AsF <sub>6</sub> , BF <sub>4</sub> ) and their spin states. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12301-9	4.3	23
165	New insights into the aggregation of silver pyrazolides using sterically hindered bidentate pyrazole ligands. <i>Chemical Communications</i> , <b>2011</b> , 47, 5187-9	5.8	15
164	A hydrogen bond motif giving a variety of supramolecular assembly structures and spin-crossover behaviors. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11303-5	5.1	22
163	Study of the coordination behaviour of (3,5-diphenyl-1H-pyrazol-1-yl)ethanol against Pd(II), Zn(II) and Cu(II). <i>Inorganica Chimica Acta</i> , <b>2011</b> , 373, 211-218	2.7	11
162	Exploring the reactivity of an N-pyrazole, P-phosphine hybrid ligand with Cu(I), Ag(I) and Au(I) precursors. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2736-2741	2.3	10
161	Ag(I) organometallic coordination polymers and capsule with tris-allyl cyclotrimeratrylene derivatives. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 9486-96	5.1	32
160	Two heptacopper(II) disk complexes with a [Cu <sub>7</sub> (μ <sub>3</sub> -OH)(4)(μ <sub>2</sub> -OR)(2)](8+) core. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 11127-32	5.1	38
159	The effect of different ligand substituents on the chemistry of a zinc-pyrazole anion host. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 52-60	3.6	7
158	Using one spin-transition to trigger another in solid solutions of two different spin-crossover complexes. <i>Chemical Communications</i> , <b>2010</b> , 46, 4761-3	5.8	15
157	An unusual discontinuity in the thermal spin transition in [Co(terpy) <sub>2</sub> ][BF <sub>4</sub> ] <sub>2</sub> . <i>Dalton Transactions</i> , <b>2010</b> , 39, 9008-12	4.3	63
156	A Trinuclear Iron(III) Compound with an Unusual T-Shaped [Fe <sub>3</sub> (μ <sub>3</sub> -O)] <sup>7+</sup> Core. <i>Journal of Cluster Science</i> , <b>2010</b> , 21, 279-290	3	3
155	A Back-to-Back Ligand with Dipyrazolylpyridine and Dipycolylamine Metal-Binding Domains. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 1007-1012	2.3	24
154	Change in electronic structure in a six-coordinate copper(II) complex accompanied by an anion order/disorder transition. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2010</b> , 66, 206-12		4
153	A cobalt metallacrown anion host with guest-dependent redox activity. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4667-75	4.8	37
152	3-(1H-pyrrol-2-yl)-1H-pyrazole forms an unusual hydrogen-bonded two-dimensional (3,4)-connected net. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2009</b> , 65, o506-8		
151	Two new 4,4'-disubstituted dipyrazolylpyridine derivatives, and the structures and spin states of their iron(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 4365-4371	2.7	16
150	Unexpected product distributions in the synthesis of 2,6-bis-(indazolyl)pyridine and 2-(pyrazol-1-yl)-6-(indazolyl)pyridine. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 2484-2486	2	13



149	Iron(II) complexes of 2,6-di(pyrazol-1-yl)pyridines: A versatile system for spin-crossover research. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 2493-2514	23.2	275
148	Thermal and light-induced spin-transitions in iron(II) complexes of 2,6-bis(4-halopyrazolyl)pyridines: the influence of polymorphism on a spin-crossover compound. <i>Dalton Transactions</i> , <b>2009</b> , 6656-66	4.3	34
147	Pyrazoles and pyrazolides-flexible synthons in self-assembly. <i>Dalton Transactions</i> , <b>2009</b> , 2059-73	4.3	265
146	Co-crystallising two functional complex molecules in a terpyridine embrace lattice. <i>CrystEngComm</i> , <b>2009</b> , 11, 2069	3.3	37
145	Trapping and manipulating excited spin states of transition metal compounds. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 278-89	58.5	110
144	A crystalline hydrogen-bonded network with a poly-catenate topology. <i>Chemical Communications</i> , <b>2008</b> , 5200-2	5.8	8
143	The influence of ligand conformation on the thermal spin transitions in iron(III) saltrien complexes. <i>Dalton Transactions</i> , <b>2008</b> , 3159-68	4.3	60
142	Cross-link formation of the cysteine 228-tyrosine 272 catalytic cofactor of galactose oxidase does not require dioxygen. <i>Biochemistry</i> , <b>2008</b> , 47, 10428-39	3.2	40
141	Ammonium, alkylammonium, and amino acid complexes of a hexacopper fluoro-metallacrown cavitand. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 223-33	4.8	28
140	Mononuclear and dinuclear iron thiocyanate and selenocyanate complexes of tris-pyrazolylmethane ligands. <i>Polyhedron</i> , <b>2008</b> , 27, 2569-2576	2.7	14
139	Thermal and light-induced spin-crossover in salts of the heptadentate complex [tris(4-(pyrazol-3-yl)-3-aza-3-butenyl)amine]iron(ii). <i>Dalton Transactions</i> , <b>2007</b> , 4276-85	4.3	36
138	Four copper(II) pyrazolido complexes derived from reactions of 3{5}-substituted pyrazoles with CuF(2) or Cu(OH)(2). <i>Dalton Transactions</i> , <b>2007</b> , 1392-9	4.3	25
137	Iron(II) complexes with a terpyridine embrace packing motif show remarkably consistent cooperative spin-transitions. <i>Chemical Communications</i> , <b>2007</b> , 577-9	5.8	79
136	Anion doping as a probe of cooperativity in the molecular spin-crossover compound [FeL2][BF4]2 (L = 2,6-di{pyrazol-1-yl}pyridine). <i>Dalton Transactions</i> , <b>2007</b> , 1284-92	4.3	35
135	Zwitterionic 2-(4-pyridyl)malondialdehyde sesquihydrate forms a helical, 3-D hydrogen-bonded lattice. <i>CrystEngComm</i> , <b>2007</b> , 9, 361	3.3	1
134	Interplay between kinetically slow thermal spin-crossover and metastable high-spin state relaxation in an iron(II) complex with similar T1/2 and T(LIESST). <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 5503-14	4.8	107
133	A hexacopper fluoro metallacrown cavitand and its alkali-metal complexes. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4073-6	16.4	41
132	Synthesis of 2,6-di(pyrazol-1-yl)-4-bromomethylpyridine, and its conversion to other 2,6-di(pyrazol-1-yl)pyridines substituted at the pyridine ring. <i>Tetrahedron</i> , <b>2007</b> , 63, 291-298	2.4	32

131	Mononuclear and unsymmetric dinuclear complexes of the tripodal ligand 2-hydroxyethyl-bis(2-{pyrid-2-yl}ethyl)amine. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 4025-4030	2.7	3
130	Variable temperature structural and magnetic characterisation of the cubane cluster [Cu <sub>4</sub> ( $\beta$ -OH) <sub>4</sub> (L) <sub>4</sub> ][ClO <sub>4</sub> ] <sub>4</sub> (L=5-tert-butyl-3-(pyrid-2-yl)-1H-pyrazole). <i>Polyhedron</i> , <b>2007</b> , 26, 1977-1983	2.7	12
129	The spin-states and spin-transitions of mononuclear iron(II) complexes of nitrogen-donor ligands. <i>Polyhedron</i> , <b>2007</b> , 26, 3523-3576	2.7	265
128	2-[5-(2,2-Dimethylpropanamido)-1H-pyrazol-3-yl]pyridinium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o2933-o2933		
127	A comparison of different methods for fitting susceptibility data of cobalt(II) coordination polymers in a new cobalt(II)/sulfate 1-D chain. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1530	3.6	11
126	Structural diversity in iron(II) complexes of 2,6-di(pyrazol-1-yl)pyridine and 2,6-di(3-methylpyrazol-1-yl)pyridine. <i>Dalton Transactions</i> , <b>2006</b> , 823-30	4.3	56
125	Homoleptic zinc(II) complexes with first and second coordination shells of 5-tert-butylpyrazole. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8711-8	5.1	21
124	Two complexes of copper(II) salts with 5-amino-3-(pyrid-2-yl)-1H-pyrazole, the prototype for a new class of ditopic ligand. <i>Dalton Transactions</i> , <b>2006</b> , 662-4	4.3	14
123	Photomagnetic properties of iron(II) spin crossover complexes of 2,6-dipyrazolylpyridine and 2,6-dipyrazolylpyrazine ligands. <i>Dalton Transactions</i> , <b>2006</b> , 3058-66	4.3	102
122	An unusual example of a linearly coordinated acetone ligand in a six-coordinate iron(II) complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2006</b> , 62, m437-9		6
121	An iron(II) complex of 2,6-di(pyrazol-1-yl)pyrazine that crystallises in three forms, two of which exhibit an unusual angular Jahn-Teller distortion. <i>Polyhedron</i> , <b>2006</b> , 25, 235-240	2.7	27
120	Copper(II) complexes of sterically hindered Schiff base ligands: Synthesis, structure, spectra and electrochemistry. <i>Polyhedron</i> , <b>2006</b> , 25, 1077-1088	2.7	44
119	Synthesis of a new series of ditopic proligands for metal salts: differing regiochemistry of electrophilic attack at 3{5}-amino-5{3}-(pyrid-2-yl)-1H-pyrazole. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 2531-2534 <sup>2</sup>		25
118	Novel hydrogen bond network topologies in complexes of the ditopic ligand 5-amino-3-(pyrid-2-yl)-1H-pyrazole. <i>CrystEngComm</i> , <b>2006</b> , 8, 719	3.3	22
117	A structural, magnetic and Mössbauer spectroscopic study of an unusual angular Jahn-Teller distortion in a series of high-spin iron(II) complexes. <i>Dalton Transactions</i> , <b>2005</b> , 1693-700	4.3	64
116	An iron(II) complex salt that crystallises in three crystal forms, one of which undergoes a sterically controlled incomplete spin-state transition on cooling. <i>CrystEngComm</i> , <b>2005</b> , 7, 151-157	3.3	22
115	Copper(II) complexes of thioether-substituted salcyen and salcyan derivatives and their silver(I) adducts. <i>Dalton Transactions</i> , <b>2005</b> , 3241-9	4.3	30
114	Two regioisomers of (pyrid-2-yl)tetrazole which form two-dimensional five- and six-connected nets through hydrogen bonding. <i>CrystEngComm</i> , <b>2005</b> , 7, 359	3.3	17

113	An unusual zinc-promoted decomposition of a bis(2-{pyrid-2-yl}ethyl)amine derivative. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 4136-8	5.1	9
112	Copper(II) complexes of tridentate pyridylmethylethylenediamines: role of ligand steric hindrance on DNA binding and cleavage. <i>Journal of Inorganic Biochemistry</i> , <b>2005</b> , 99, 1717-32	4.2	116
111	An unexpected destabilisation of copper(II) phenoxyl radical species by steric protection. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 1337-1341	2.7	7
110	The synthesis and coordination chemistry of 2,6-bis(pyrazolyl)pyridines and related ligands □ Versatile terpyridine analogues. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 2880-2908	23.2	279
109	2-[Bis(pyrazol-1-yl)methyl]-4-tert-butyl-6-(phenylsulfanyl)phenol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2005</b> , 61, o294-6		1
108	Di-μ-hydroxo-bis([bis[2-(2-pyridyl)ethyl]amine-κ <sup>3</sup> N]copper(II)) dichloride hexahydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2004</b> , 60, m1-3		2
107	Tris[4-(1H-pyrazol-3-yl)-3-azabut-3-enyl]amine iron(II) diperchlorate monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2004</b> , 60, m177-9		13
106	An X-ray powder diffraction study of the spin-crossover transition and structure of bis(2,6-dipyrazol-1-ylpyrazine)iron(II) perchlorate. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2004</b> , 60, 41-5		21
105	Reactions of copper(II) salts with 3[5]-tert-butylpyrazole: double-cubane complexes with bound exogenous anions, and a novel pyrazole coordination mode. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1827-37	4.8	60
104	Iron complexes of 3-(pyrazinyl)-1,2,4-triazole ligands. <i>Polyhedron</i> , <b>2004</b> , 23, 2141-2151	2.7	16
103	Stereocontrol in asymmetric phospho-aldol catalysis. Chirality relaying in action. <i>Comptes Rendus Chimie</i> , <b>2004</b> , 7, 809-821	2.7	28
102	A photomagnetic study of three iron(II) compounds containing ligands from the 2,6-di(pyrazol-1-yl)pyridine series. <i>Chemical Physics Letters</i> , <b>2004</b> , 391, 273-277	2.5	44
101	Antisymmetric exchange in two tricopper(II) complexes containing a [Cu <sub>3</sub> (μ <sub>3</sub> -OMe)] <sup>5+</sup> core. <i>Dalton Transactions</i> , <b>2004</b> , 59-64	4.3	93
100	A study of the thermal and light induced spin transition in [FeL <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> and [FeL <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> L=2,6-di(3-methylpyrazol-1-yl)pyrazine. <i>Dalton Transactions</i> , <b>2004</b> , 65-9	4.3	65
99	The thermal and light induced spin transition in [FeL <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> (L = 2,6-dipyrazol-1-yl-4-hydroxymethylpyridine). <i>Dalton Transactions</i> , <b>2004</b> , 1516-8	4.3	45
98	A crystallographic, EPR and theoretical study of the Jahn-Teller distortion in [CuTp <sub>2</sub> ] (Tp = tris[pyrazol-1-yl]hydridoborate). <i>Dalton Transactions</i> , <b>2004</b> , 236-43	4.3	12
97	Temperature dependence of the electronic ground states of two mononuclear, six-coordinate copper(II) centres. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 228	3.6	22
96	Cofactor processing in galactose oxidase. <i>Biochemical Society Symposia</i> , <b>2004</b> , 15-25		6

95	Cofactor processing in galactose oxidase. <i>Biochemical Society Transactions</i> , <b>2003</b> , 31, 506-509	5.1	25
94	Monocopper Oxygenases <b>2003</b> , 395-436		9
93	Iron(II) complexes of (pyrazol-3-yl)pyrazine. Anion-dependent formation of a hydrogen-bonded, chiral nanoporous lattice. <i>Polyhedron</i> , <b>2003</b> , 22, 725-733	2.7	18
92	The structures and decomposition products of palladium(II) and platinum(II) terpyridine phenoxide complexes. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 598-603	3.1	14
91	Bis(2,6-bis[3-(2,4,6-trimethylphenyl)pyrazol-1-yl-kappaN2]pyridine-kappaN)cobalt(II) dinitrate at 290 and 150 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2003</b> , 59, m61-3		2
90	Hexa-mu-chloro-mu4-oxo-tetrakis[[5-(2,4,6-trimethylphenyl)pyrazole-kappaN2]copper(II)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2003</b> , 59, m100-2		5
89	(eta2-tetracyanoethene)bis(triphenylphosphine-kappaP)palladium-dichloromethane (1/0.7). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2003</b> , 59, M136-8		1
88	Interpreting and controlling the structures of six-coordinate copper(II) centres □When is a compression really a compression?. <i>Dalton Transactions</i> , <b>2003</b> , 4375-4384	4.3	97
87	A new synthesis of bis(2-{pyrid-2-yl}ethyl)amine (LH) from bis(2-{pyrid-2-yl}ethyl)hydroxylamine (LOH), and the copper-dependent reduction of LOH to LH. <i>Dalton Transactions</i> , <b>2003</b> , 4224	4.3	21
86	Light induced excited high spin-state trapping in [FeL2](BF4)2 (L = 2,6-di(pyrazol-1-yl)pyridine). <i>Chemical Communications</i> , <b>2003</b> , 158-9	5.8	59
85	Interpretation of the temperature dependence of the crystal structure of [CuL2][BF4]2 (L = 2,6-dipyrazol-1-ylpyridine). <i>Dalton Transactions</i> , <b>2003</b> , 1028-1032	4.3	14
84	The spin-states and spin-crossover behaviour of iron(II) complexes of 2,6-dipyrazol-1-ylpyrazine derivatives. <i>Dalton Transactions</i> , <b>2003</b> , 2053-2060	4.3	47
83	Supramolecular Templating of the Double-Cubane [(Cu3(HpztBu)6(β-Cl)(β-OH)3)2Cu]Cl6 (HpztBu=5-tert-Butylpyrazole). <i>Angewandte Chemie</i> , <b>2002</b> , 114, 782-784	3.6	4
82	Supramolecular templating of the double-cubane [(Cu3(Hpz(tBu))6(mu3-Cl)(mu3-OH)3)2Cu]Cl6 (Hpz(tBu)=5-tert-butylpyrazole). <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 756-8	16.4	34
81	Dissecting an enzymethodel compounds for the galactose oxidase radical site. <i>Heteroatom Chemistry</i> , <b>2002</b> , 13, 494-500	1.2	3
80	Control of the spin state of Fe(II) 2,6-di(pyrazol-1-yl)pyridine complexes by distal ligand substitution. <i>Inorganic Chemistry Communication</i> , <b>2002</b> , 5, 328-332	3.1	45
79	Bis[2-(pyrazol-3-yl)phenolato-kappa2N2,O]copper(II) dimethanol solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2002</b> , 58, m10-1		2
78	3,4-(4-Methoxybenzo):8,9-benzobicyclo[4.4.1]undeca-3,8-dien-11-one ethylene acetal. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2002</b> , 58, O218-9		1

77	Tetrakis(5-tert-butylpyrazole-1-kappaN2)tetrachloro-1-kappaCl,2kappa3Cl-micro-oxo-1:2kappa2O-diiron(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2002</b> , 58, m290-1		4
76	[2,6-Bis(3,5-dimethylpyrazol-1-ylmethyl)pyridine]iodocopper(I) dichloromethane solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2002</b> , 58, m424-6		5
75	Bis[mu-3[5]-(2-pyridyl)pyrazolido]bis[(acetonitrile)copper(II)] diperchlorate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2002</b> , 58, m445-6		6
74	Steric effects on the stereochemistry of copper complexes of 2,6-bis(pyrazol-1-ylmethyl)pyridines. <i>Polyhedron</i> , <b>2002</b> , 21, 1031-1041	2.7	21
73	Syntheses of new hydroxy-[3.3]orthocyclophanes as models for the galactose oxidase Tyr-Cys cofactor. <i>Tetrahedron</i> , <b>2002</b> , 58, 603-611	2.4	10
72	Carbaborane salts of [ZnCl(HpztBu)3]+, a host for inorganic anions (HpztBu = 5-tert-butylpyrazole). <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 1634-1637	3.6	37
71	Stereochemical effects on the spin-state transition shown by salts of [FeL2]2+ [L = 2,6-di(pyrazol-1-yl)pyridine]. <i>Dalton Transactions RSC</i> , <b>2002</b> , 548-554		140
70	Copper(II) complexes of 2,6-bis(3-tert-butylpyrazol-1-yl)pyridine. <i>Dalton Transactions RSC</i> , <b>2002</b> , 1625-1630		10
69	3(5)-tert-butylpyrazole is a ditopic receptor for zinc(II) halides. <i>Chemical Communications</i> , <b>2002</b> , 704-5	5.8	36
68	Supramolecular anion binding by the [ZnCl(HpztBu)3]+ cation (HpztBu = 5-tert-butylpyrazole). <i>Dalton Transactions RSC</i> , <b>2002</b> , 4206-4212		27
67	A cyclic hexacopper(II) fluoro complex that encapsulates two fluoride anions. <i>Chemical Communications</i> , <b>2002</b> , 2978-9	5.8	21
66	A crystallographic and EPR study of the fluxional Cu(II) ion in [CuL2][BF4]2 (L = 2,6-dipyrazol-1-ylpyridine). <i>Dalton Transactions RSC</i> , <b>2002</b> , 1295-1301		23
65	Chiral bis(oxazoline) complexes. Synthesis, structure and applications in catalytic phospho-transfer. <i>Polyhedron</i> , <b>2001</b> , 20, 2151-2162	2.7	22
64	Steric effects on the electronic and molecular structures of nickel(II) and cobalt(II) 2,6-dipyrazol-1-ylpyridine complexes. <i>Polyhedron</i> , <b>2001</b> , 20, 2829-2840	2.7	38
63	Metal complexes of 4?-(3-phenylpropoxy)-2,2?:6?,2?-terpyridine and 4?-(3-propoxy)-2,2?:6?,2?-terpyridine. <i>Polyhedron</i> , <b>2001</b> , 20, 2889-2900	2.7	23
62	1-(Dibromomethyl)-4-methoxy-2-methylbenzene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 317-8		2
61	Bis[tris(3-cyclohexylpyrazol-1-yl)-hydridoborato]copper(II) dichloromethane disolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 711-3		3
60	Two complexes of CuBr(2) with 5-tert-butylpyrazole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 1253-5		4

59	Chemisch modifizierte Aminosäuren in O <sub>2</sub> -bindenden oder -aktivierenden Kupferproteinen. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 358-362	3.6	1
58	Chemically Modified Amino Acids in Copper Proteins That Bind or Activate Dioxygen. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 346-349	16.4	49
57	Crystal structure of the precursor of galactose oxidase: an unusual self-processing enzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 12932-7	11.5	97
56	An unusual abrupt thermal spin-state transition in [FeL <sub>2</sub> ][BF <sub>4</sub> ] <sub>2</sub> [L = 2,6-di(pyrazol-1-yl)pyridine]. <i>Chemical Communications</i> , <b>2001</b> , 577-578	5.8	111
55	The effects of distal ligand substitution on the copper(II)/bis-(2,6-dipyrazol-1-ylpyridine) centre. <i>Dalton Transactions RSC</i> , <b>2001</b> , 2083-2088		18
54	Chemically Modified Amino Acids in Copper Proteins That Bind or Activate Dioxygen The author acknowledges the Royal Society (London) for a University Research Fellowship.. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 346-349	16.4	
53	4'-Vinyl-2,2':6',2"-terpyridine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 9), 1142-3		1
52	Bis2,6-bis. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 12), 1425-6		10
51	2,6-bis-(3-trifluoromethylpyrazol-1-yl)-pyridine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 2), 213-4		3
50	Bis. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 3), 319-20		4
49	Syntheses, structures and electrochemistry of [Zn(L1) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O and [Zn(L1)(TpR)]BF <sub>4</sub> (L1=1-{pyrid-2-yl}-3-{2,5-dimethoxyphenyl}pyrazole; [TpR]=tris-{3-arylpyrazolyl}borate). <i>Polyhedron</i> , <b>2000</b> , 19, 109-114	2.7	6
48	Copper complexes of 2,6-bis(iminomethyl)pyridine derivatives and of 1,3-bis(pyridin-2-yl)pyrazole. Effects of ligand bulk and conformational strain on the ground state of a six-co-ordinate copper(II) ion. <i>Dalton Transactions RSC</i> , <b>2000</b> , 3316-3324		45
47	Amine oxidases and galactose oxidase. <i>Sub-Cellular Biochemistry</i> , <b>2000</b> , 35, 183-231	5.5	10
46	Copper(II) complexes of hydroquinone-containing Schiff bases. Towards a structural model for copper amine oxidases. <i>Dalton Transactions RSC</i> , <b>2000</b> , 1559-1565		13
45	An intramolecular interaction has no effect on the lifetime of an aryl radical cation. <i>Chemical Communications</i> , <b>2000</b> , 1947-1948	5.8	9
44	Complexes of 2-hydroxy-5-methyl-1,4-benzoquinone as models for the PQ-on form of copper amine oxidases. <i>Dalton Transactions RSC</i> , <b>2000</b> , 4563-4568		22
43	Steric control of the reactivity of moderately hindered tris(pyrazolyl)borates with copper(II) salts. <i>Dalton Transactions RSC</i> , <b>2000</b> , 133-140		43
42	The ground state of a tetragonally compressed copper(II) complex. <i>Chemical Physics Letters</i> , <b>1999</b> , 314, 176-181	2.5	14

41	Syntheses, structures and magnetism of homoleptic complexes of 4-{pyrid-4-yloxy}-2,2,6,6-tetramethyl-1-piperidinoxyl, a new spin-labelled pyridine. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 573, 171-179	2.3	5
40	Electronic structures of copper(II) complexes of tetradentate hydroquinone-containing Schiff bases $\square$ <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 2087-2096		20
39	Structural variations in dicopper(I) double helicate complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 521-524		14
38	A solid-state phase transition at 41 K involving the cooperative ordering of a fluxional pseudo-Jahn-Teller Cull system. <i>Chemical Communications</i> , <b>1999</b> , 2245-2246	5.8	16
37	Syntheses, structures and electrochemistry of copper(II) salicylaldehyde/tris(3-phenylpyrazolyl)borate complexes as models for the radical copper oxidases. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 1753-1762		45
36	Sterische Kontrolle des elektronischen Grundzustands in Komplexen mit sechsfach koordiniertem Kupfer(II). <i>Angewandte Chemie</i> , <b>1998</b> , 110, 2344-2346	3.6	2
35	Steric Control of the Electronic Ground State in Six-Coordinate Copper(II) Complexes. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 2221-2223	16.4	42
34	Co-ordination chemistry of bis(ferrocenylcarbaldimine) Schiff bases. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 3791-3800		23
33	Complex chemistry of 2,2,6,6-tetramethyl-4-(2,2':6',2'-terpyridin-4'-yloxy)piperidin-1-oxyl, a spin-labelled terpyridine $\square$ <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 2477-2482		15
32	Spectroscopic characterisation of a copper(II) complex of a thioether-substituted phenoxyl radical: a new model for galactose oxidase. <i>Chemical Communications</i> , <b>1998</b> , 2465-2466	5.8	35
31	Chapter 17. The Noble Metals. <i>Annual Reports on the Progress of Chemistry Section A</i> , <b>1998</b> , 94, 255		0
30	Chapter 17. The Noble Metals. <i>Annual Reports on the Progress of Chemistry Section A</i> , <b>1997</b> , 93, 241		0
29	Syntheses, structures and electrochemistry of [CuL1(LR)]BF4 [L1 = 3-{2,5-dimethoxyphenyl}-1-(2-pyridyl)pyrazole; LR = tris(3-arylpyrazolyl)hydroborate] and [CuL12][BF4]2. Effects of graphitic interactions on the stability of an aryl radical cation $\square$ <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 4025-4036		23
28	The reactivity of CuX2 (X = Cl $\square$ Br $\square$ MeCO2) salts towards tris-pyrazolyl-borates of differing steric requirements. The single crystal X-ray structure of [CuCl(pzPhH(HB-pzPh3))-dCH2Cl2]. <i>Polyhedron</i> , <b>1997</b> , 16, 1535-1541	2.7	21
27	Metal complexes of sterically hindered pyrazolylpyridines. The single crystal X-ray structure of [Cu(L1)2]BF4 (L1 = 1-{pyrid-2-yl}-3-{2',5'-dimethoxyphenyl}pyrazole). <i>Polyhedron</i> , <b>1997</b> , 16, 4257-4264	2.7	9
26	Synthesis, molecular structure and palladium(II) and platinum(II) complex chemistry of 3-(ferrocen-1-yl)-1-(pyridin-2-yl)pyrazole. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 4055		16
25	One-pot synthesis of a novel tridentate tin(IV) ligand; syntheses and structures of [BunSn(NC5H4-C,N)3MBr](M = Li, Cu). <i>Chemical Communications</i> , <b>1996</b> , 2619	5.8	32
24	Chapter 17. The noble metals. <i>Annual Reports on the Progress of Chemistry Section A</i> , <b>1996</b> , 93, 241		2

- 23 Role of bifunctional N/S bridging in the association of metals; syntheses and structures of heterobimetallic [Ph<sub>3</sub>P]<sub>2</sub>CuL<sub>2</sub>Li(thf)<sub>2</sub>[thf and tetrameric [{CuL(PPh<sub>3</sub>)<sub>4</sub>](L = 1,3-benzoxazoline-2-thionate, thf = tetrahydrofuran). *Journal of the Chemical Society Dalton Transactions*, **1996**, 3793-3797 6
- 22 Tautomerism in 3{5}-(dimethoxyphenyl)pyrazoles. *Acta Crystallographica Section B: Structural Science*, **1996**, 52, 746-752 15
- 21 Structural and Magnetic Properties of [Ni<sub>4</sub>(μ<sub>3</sub>-OMe)<sub>4</sub>(dbm)<sub>4</sub>(MeOH)<sub>4</sub>] and [Ni<sub>4</sub>(η<sup>1</sup>, μ<sub>3</sub>-N<sub>3</sub>)<sub>4</sub>(dbm)<sub>4</sub>(EtOH)<sub>4</sub>]. Magnetostructural Correlations for [Ni<sub>4</sub>X<sub>4</sub>]<sub>4+</sub> Cubane Complexes. *Inorganic Chemistry*, **1995**, 34, 4167-4177 5.1 325
- 20 [Mn<sub>6</sub>O<sub>2</sub>[O<sub>2</sub>C-3,5-(NO<sub>2</sub>)<sub>2</sub>-C<sub>6</sub>H<sub>3</sub>]<sub>10</sub>-(C<sub>5</sub>H<sub>5</sub>N)<sub>2</sub>[(CH<sub>3</sub>)<sub>2</sub>CO]<sub>2</sub>·2(CH<sub>3</sub>)<sub>2</sub>CO·2(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>O and [Mn<sub>6</sub>O<sub>2</sub>(O<sub>2</sub>CC<sub>6</sub>H<sub>5</sub>)<sub>10</sub>-(NCCH<sub>3</sub>)<sub>4</sub>]. *Acta Crystallographica Section C: Crystal Structure Communications*, **1995**, 51 ( Pt 7), 1263-7 21
- 19 Die Struktur der [NiFe]-Hydrogenase aus *D. gigas* und die Art ihres Nickelkomplexes. *Angewandte Chemie*, **1995**, 107, 1307-1310 3.6 13
- 18 A Nickel(II) Azide Cubane: Characterization of the Magnetic Exchange Interactions Mediated by a Triply Bridging Azide Group Bound End-On. *Angewandte Chemie International Edition in English*, **1995**, 34, 889-891 85
- 17 The Structure of the *D. gigas* [NiFe] Hydrogenase and the Nature of the Hydrogenase Nickel Complex. *Angewandte Chemie International Edition in English*, **1995**, 34, 1193-1195 17
- 16 Biomimetic Chemistry of Nickel. *Chemical Reviews*, **1994**, 94, 2421-2481 68.1 326
- 15 Synthesis of cationic half-sandwich rhodium(I) complexes of 1,4,7-trithiacyclononane ([9]aneS<sub>3</sub>). The single-crystal structures of [Rh([9]aneS<sub>3</sub>)(C<sub>2</sub>H<sub>4</sub>)<sub>2</sub>]PF<sub>6</sub>, [Rh([9]aneS<sub>3</sub>)(C<sub>8</sub>H<sub>12</sub>)]BF<sub>4</sub> and [Rh([9]aneS<sub>3</sub>)(C<sub>4</sub>H<sub>6</sub>)]PF<sub>6</sub>·2.5OEt<sub>2</sub>. *Journal of the Chemical Society Dalton Transactions*, **1994**, 2197-2208 8
- 14 Nickel thioether chemistry: syntheses and crystal structures of [Ni<sub>2</sub>L<sub>2</sub>(μ-Cl)<sub>2</sub>][BF<sub>4</sub>]<sub>2</sub> (L = 1,4,7,10-tetrathiacyclododecane, 1,4,8,11-tetrathiacyclotetradecane or 1,5,9,13-tetrathiacyclohexadecane). *Journal of the Chemical Society Dalton Transactions*, **1994**, 1463-1470 12
- 13 Organometallic macrocyclic chemistry: synthesis of cationic half-sandwich iridium(I) complexes of 1,4,7-trithiacyclononane ([9]aneS<sub>3</sub>). Crystal structures of [Ir([9]aneS<sub>3</sub>)(C<sub>2</sub>H<sub>4</sub>)<sub>2</sub>]PF<sub>6</sub>, [Ir([9]aneS<sub>3</sub>)(C<sub>8</sub>H<sub>12</sub>)]PF<sub>6</sub> and [Ir([9]aneS<sub>3</sub>)(C<sub>4</sub>H<sub>6</sub>)]PF<sub>6</sub>·5Et<sub>2</sub>O. *Journal of the Chemical Society Dalton Transactions*, **1994**, 1631-1639 16
- 12 Synthesis, Characterization, and Molecular Structure of the New S<sub>2</sub>O Complex Mo(S<sub>2</sub>O)(S<sub>2</sub>CNEt<sub>2</sub>)<sub>3</sub>·1/2Et<sub>2</sub>O. *Inorganic Chemistry*, **1994**, 33, 3639-3644 5.1 9
- 11 Selective aromatization of the A-ring of steroids through carbon-carbon, carbon-hydrogen, and carbon-oxygen bond activation by an electrophilic ruthenium complex. *Journal of the American Chemical Society*, **1993**, 115, 3484-3493 16.4 41
- 10 Tris-pyrazolyl-borate dihydrogen complexes of ruthenium. *Journal of the Chemical Society Chemical Communications*, **1993**, 465 34
- 9 Aromatization of the B-ring of 5,7-dienyl steroids by the electrophilic ruthenium fragment "[Cp\*Ru]<sup>+</sup>". *Organometallics*, **1993**, 12, 955-957 3.8 47
- 8 Nickel thioether chemistry: synthesis, structures and electrochemistry of five-coordinate nickel(II) complexes of [9]aneS<sub>3</sub>. Crystal structures of [Ni([9]aneS<sub>3</sub>)-(dppm)][PF<sub>6</sub>]<sub>2</sub>?, [Ni([9]aneS<sub>3</sub>)(dcpe)][PF<sub>6</sub>]<sub>2</sub>·1.25MeCN and [Ni([9]aneS<sub>3</sub>)(tdpme)][PF<sub>6</sub>]<sub>2</sub>·[9]aneS<sub>3</sub> = 1,4,7-Trithiacyclononane, dppm = Ph<sub>2</sub>PCH<sub>2</sub>PPh<sub>2</sub>?, dcpe = (C<sub>6</sub>H<sub>11</sub>)<sub>2</sub>BC<sub>2</sub>H<sub>4</sub>P(C<sub>6</sub>H<sub>11</sub>)<sub>2</sub>?, tdpme = [Rh([9]aneS<sub>3</sub>)(CO)(PPh<sub>3</sub>)<sub>3</sub>]<sup>+</sup>·PF<sub>6</sub><sup>-</sup>. *Acta Crystallographica Section C: Crystal Structure Communications*, **1993**, 49, 85-87 7
- 6 Conformational studies on [16]aneS<sub>4</sub>. Structures of [16]aneS<sub>4</sub> ([16]aneS<sub>4</sub> = 1,5,9,13-tetrathiacyclohexadecane). *Acta Crystallographica Section B: Structural Science*, **1993**, 49, 773-779 14



- 5 Nickel thioether chemistry: syntheses of nickel(II) complexes of tetra- and penta-thia macrocyclic ligands. The single-crystal structures of  $[\text{Ni}([\text{16}] \text{aneS4})(\text{OH}_2)_2][\text{BF}_4]_2$  and  $[\text{Ni}([\text{15}] \text{aneS5})][\text{PF}_6]_2([\text{16}] \text{aneS4}=1,5,9,13\text{-tetrathiacyclohexadecane}, [\text{15}] \text{aneS5}=1,4,7,10,13\text{-pentathiacyclohexadecane})$ . *Journal of the Chemical Society Dalton Transactions*, **1992**, 2407-2408
- 4 Nickel thioether chemistry: a re-examination of the electrochemistry of  $[\text{Ni}([\text{9}] \text{aneS3})_2]^{2+}$ . The single-crystal X-ray structure of a nickel(III) thioether complex,  $[\text{Ni}^{\text{III}}([\text{9}] \text{aneS3})_2][\text{H}_5\text{O}_2]_3[\text{ClO}_4]_6([\text{9}] \text{aneS3}=1,4,7\text{-trithiacyclononane})$ . *Journal of the Chemical Society Dalton Transactions*, **1992**, 3427-3431
- 3 Tri-chloro-bis(1,4,7-trithiacyclononane)nickel(II) tetrafluoroborate acetonitrile solvate. *Acta Crystallographica Section C: Crystal Structure Communications*, **1992**, 48, 1844-1846
- 2 Synthesis, structure and reactivity of cationic rhodium(I) and iridium(I) thioether crowns: structures of  $[\text{M}([\text{9}] \text{aneS3})(\text{cod})]^+$  (M = Rh, Ir; cod = cycloocta-1,5-diene) and  $[\text{Rh}([\text{9}] \text{aneS3})(\text{C}_2\text{H}_4)_2]^+([\text{9}] \text{aneS3}=1,4,7\text{-trithiacyclononane})$ . *Journal of the Chemical Society Chemical Communications*, **1991**, 253-256
- 1 The kinetics of crystal growth in the presence of tailor-made additives. *Journal of Crystal Growth*, **1986**, 79, 765-774

1.6 74