

# Malcolm A Halcrow

## List of Publications by Year in descending order

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254  
papers

11,168  
citations

44069

48  
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46799

89  
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295  
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295  
docs citations

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times ranked

7149  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 22, 1960-1971.	3.0	5
2	Heteroleptic iron(II) complexes of chiral 2,6-bis(oxazolin-2-yl)-pyridine (PyBox) and 2,6-bis(thiazolin-2-yl)pyridine ligands – the interplay of two different ligands on the metal ion spin state. <i>Dalton Transactions</i> , 2022, 51, 4262-4274.	3.3	6
3	Structural Transformations and Spin-Crossover in [Fe(L) <sub>2</sub> ] <sup>2+</sup> Salts (L = 4-tert-butylsulfanyl-2,6-di(pyrazolyl)pyridine): The Influence of Bulky Ligand Substituents. <i>Chemistry - A European Journal</i> , 2021, 27, 2082-2092.	3.3	13
4	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> , 2021, 50, 7417-7426.	3.3	4
5	Influence of ligand substituent conformation on the spin state of an iron(II)/di(pyrazol-1-yl)pyridine complex. <i>Dalton Transactions</i> , 2021, 50, 3464-3467.	3.3	9
6	The flexibility of long chain substituents influences spin-crossover in isomorphous lipid bilayer crystals. <i>Chemical Communications</i> , 2021, 57, 4039-4042.	4.1	13
7	Iron/2,6-di(pyrazolyl)pyridine Complexes with a Discotic Pattern of Alkyl or Alkynyl Substituents. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2999-3007.	2.0	2
8	Structures and Spin States of Iron(II) Complexes of Isomeric 2,6-Di(1,2,3-triazolyl)pyridine Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 14988-15000.	4.0	4
9	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> , 2021, 60, 14336-14348.	4.0	8
10	The number and shape of lattice solvent molecules controls spin-crossover in an isomorphous series of crystalline solvate salts. <i>Chemical Communications</i> , 2021, 57, 6566-6569.	4.1	19
11	Iron and Silver Complexes of 4-(Imidazolyl)-2,6-di(pyrazolyl)pyridine (L), Including a [Fe(L) <sub>2</sub> ] <sup>2+</sup> Assembly. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4334-4340.	2.0	5
12	Structure: function relationships for thermal and light-induced spin-crossover in isomorphous molecular materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8420-8429.	5.5	11
13	Modulating the Magnetic Properties of Copper(II)/Nitroxyl Heterospin Complexes by Suppression of the Jahn-Teller Distortion. <i>Inorganic Chemistry</i> , 2020, 59, 8657-8662.	4.0	5
14	Manipulating metal spin states for biomimetic, catalytic and molecular materials chemistry. <i>Dalton Transactions</i> , 2020, 49, 15560-15567.	3.3	29
15	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> , 2020, 26, 4833-4841.	3.3	8
16	Relationship between the Molecular Structure and Switching Temperature in a Library of Spin-Crossover Molecular Materials. <i>Inorganic Chemistry</i> , 2019, 58, 9811-9821.	4.0	56
17	Supramolecular Iron Metallocubanes Exhibiting Site-Selective Thermal and Light-Induced Spin-Crossover. <i>Journal of the American Chemical Society</i> , 2019, 141, 18759-18770.	13.7	30
18	Rigidification of a macrocyclic tris-catecholate scaffold leads to electronic localisation of its mixed valent redox product. <i>Chemical Communications</i> , 2019, 55, 2281-2284.	4.1	4

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19	Giant Barocaloric Effect at the Spin Crossover Transition of a Molecular Crystal. <i>Advanced Materials</i> , 2019, 31, e1807334.	21.0	75
20	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> , 2019, 48, 17310-17320.	3.3	5
21	An iron(ii) coordination polymer of a triazolyl tris-heterocycle showing a spin state conversion triggered by loss of lattice solvent. <i>CrystEngComm</i> , 2019, 21, 6330-6334.	2.6	3
22	Five 2,6-Di(pyrazol-1-yl)pyridine-4-carboxylate Esters, and the Spin States of their Iron(II) Complexes. <i>Magnetochemistry</i> , 2019, 5, 9.	2.4	5
23	Frontispiece: An Incomplete Spin Transition Associated with a $Z = 1 \uparrow Z = 24 \dots$ Crystallographic Symmetry Breaking. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
24	Silver( $\mu$ ) complexes of bis- and tris-(pyrazolyl)azine derivatives $\mu$ dimers, coordination polymers and a pentametallic assembly. <i>Dalton Transactions</i> , 2018, 47, 5269-5278.	3.3	17
25	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> , 2018, 24, 5204-5212.	3.3	19
26	An Incomplete Spin Transition Associated with a $Z = 1 \uparrow Z = 24 \dots$ Crystallographic Symmetry Breaking. <i>Chemistry - A European Journal</i> , 2018, 24, 5055-5059.	3.3	15
27	Heterometallic Coordination Polymer Gels Supported by 2,4,6-Tris(pyrazol-1-yl)-1,3,5-triazine. <i>ACS Omega</i> , 2018, 3, 18466-18474.	3.5	12
28	2,6-Bis(pyrazol-1-yl)pyridine-4-carboxylate Esters with Alkyl Chain Substituents and Their Iron(II) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 13761-13771.	4.0	25
29	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> , 2018, 57, 8709-8713.	4.0	6
30	The speciation of homochiral and heterochiral diastereomers of homoleptic cobalt(II) and zinc(II) PyBox complexes. <i>Polyhedron</i> , 2018, 149, 134-141.	2.2	5
31	Gradual Thermal Spin-Crossover Mediated by a Reentrant $Z = 1 \uparrow Z = 6 \uparrow Z = 1$ Phase Transition. <i>Inorganic Chemistry</i> , 2017, 56, 3144-3148.	4.0	23
32	Spin-crossover and the LIESST effect in $[\text{Fe Co}(\text{bpp})_2][\text{BF}_4]_2$ (1.00 $\times$ 0.77). Comparison with bifunctional solid solutions of iron and cobalt spin-crossover centers. <i>Polyhedron</i> , 2017, 136, 5-12.	2.2	7
33	Spin States of Homochiral and Heterochiral Isomers of $[\text{Fe}(\text{PyBox})_2]^{2+}$ Derivatives. <i>Chemistry - A European Journal</i> , 2017, 23, 9067-9075.	3.3	30
34	The role of symmetry breaking in the structural trapping of light-induced excited spin states. <i>Chemical Communications</i> , 2017, 53, 13268-13271.	4.1	34
35	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> , 2017, 56, 8817-8828.	4.0	37
36	Synthesis and study of CuII complex with nitroxide, a jumping crystal analog. <i>Russian Chemical Bulletin</i> , 2017, 66, 222-230.	1.5	7

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37	The Effect of Ligand Design on Metal Ion Spin State—Lessons from Spin Crossover Complexes. <i>Crystals</i> , 2016, 6, 58.	2.2	103
38	A High Pressure Investigation of the Order-Disorder Phase Transition and Accompanying Spin Crossover in [FeL <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> (L <sub>1</sub> = 2,6-bis{3-methylpyrazol-1-yl}-pyrazine). <i>Magnetochemistry</i> , 2016, 2, 9.	2.4	13
39	Different Spin State Behaviors in Isostructural Solvates of a Molecular Iron(II) Complex. <i>Chemistry - A European Journal</i> , 2016, 22, 1789-1799.	3.3	45
40	Highly porous hydrogen-bond networks from a triptycene-based catechol. <i>CrystEngComm</i> , 2016, 18, 4695-4698.	2.6	1
41	Evidence for a hopping mechanism in metal   single molecule   metal junctions involving conjugated metal-terpyridyl complexes; potential-dependent conductances of complexes [M(pyterpy) <sub>2</sub> ] <sup>2+</sup> (M = Co and Fe; pyterpy = 4-(pyridin-4-yl)-2,2,6-terpyridine) in ionic liquid. <i>Faraday Discussions</i> , 2016, 193, 113-131.	3.2	24
42	A Unified Treatment of the Relationship Between Ligand Substituents and Spin State in a Family of Iron(II) Complexes. <i>Angewandte Chemie</i> , 2016, 128, 4399-4403.	2.0	24
43	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> , 2016, 55, 4327-4331.	13.8	148
44	Multifrequency cw-EPR and DFT Studies of an Apparent Compressed Octahedral Cu(II) Complex. <i>Inorganic Chemistry</i> , 2016, 55, 1497-1504.	4.0	16
45	Structures and spin states of crystalline [Fe(NCS) <sub>2</sub> L <sub>2</sub> ] and [FeL <sub>3</sub> ] <sup>2+</sup> complexes (L = an annelated 1,10-phenanthroline derivative). <i>CrystEngComm</i> , 2016, 18, 2570-2578.	2.6	3
46	Supramolecular assembly and transfer hydrogenation catalysis with ruthenium(II) complexes of 2,6-di(1H-pyrazol-3-yl)pyridine derivatives. <i>Polyhedron</i> , 2016, 103, 79-86.	2.2	13
47	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> , 2015, 1, 3-16.	2.4	9
48	Bead-like structures and self-assembled monolayers from 2,6-dipyrazolylpyridines and their iron(II) complexes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7890-7896.	5.5	25
49	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> , 2015, 54, 6319-6330.	4.0	59
50	Iron(II) Complexes of Tridentate Indazolylpyridine Ligands: Enhanced Spin-Crossover Hysteresis and Ligand-Based Fluorescence. <i>Inorganic Chemistry</i> , 2015, 54, 682-693.	4.0	76
51	Spin-crossover, mesomorphic and thermoelectrical properties of cobalt(II) complexes with alkylated N <sub>3</sub> -Schiff bases. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2491-2499.	5.5	17
52	Decoupled Spin Crossover and Structural Phase Transition in a Molecular Iron(II) Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 4805-4816.	3.3	35
53	Spin-state switches in molecular materials chemistry. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7775-7778.	5.5	82
54	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> , 2015, 2, 662-670.	6.0	24

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55	An iron(II) spin-crossover metallacycle from a back-to-back bis-[dipyrazolylpyridine]. Dalton Transactions, 2015, 44, 9417-9425.	3.3	25
56	One-Pot Synthesis of Highly Emissive Dipyridinium Dihydrohelicenes. Chemistry - A European Journal, 2015, 21, 7035-7038.	3.3	10
57	Platinum(II) complexes of mixed-valent radicals derived from cyclotricatechylene, a macrocyclic tris-dioxolene. Chemical Science, 2015, 6, 6935-6948.	7.4	11
58	Doping ruthenium complexes into a molecular spin-crossover material. Polyhedron, 2015, 87, 91-97.	2.2	17
59	Synthesis and coordination chemistry of 1,1,1-tris-(pyrid-2-yl)ethane. Dalton Transactions, 2015, 44, 1060-1069.	3.3	23
60	Spin state behavior of iron(II)/dipyrazolylpyridine complexes. New insights from crystallographic and solution measurements. Coordination Chemistry Reviews, 2015, 289-290, 2-12.	18.8	175
61	Unexpected Spin-Crossover and a Low-Pressure Phase Change in an Iron(II)/Dipyrazolylpyridine Complex Exhibiting a High-Spin Jahn-Teller Distortion. Inorganic Chemistry, 2015, 54, 6319-30.	4.0	8
62	Anion-dependent spin crossover in solution for an iron(II) complex of a 1H-pyrazolyl ligand. RSC Advances, 2014, 4, 11240.	3.6	38
63	Stable Mixed-Valent Radicals from Platinum(II) Complexes of a Bis(dioxolene) Ligand. Chemistry - A European Journal, 2014, 20, 6272-6276.	3.3	19
64	Hexasulfanyl analogues of cyclotrimeratrylene. Tetrahedron Letters, 2014, 55, 2530-2533.	1.4	5
65	Recent advances in the synthesis and applications of 2,6-dipyrazolylpyridine derivatives and their complexes. New Journal of Chemistry, 2014, 38, 1868-1882.	2.8	82
66	Iron(II) complexes of 2,6-di(1H-pyrazol-3-yl)-pyridine derivatives with hydrogen bonding and sterically bulky substituents. Dalton Transactions, 2014, 43, 7577.	3.3	27
67	Complex thermal expansion properties in a molecular honeycomb lattice. Chemical Communications, 2014, 50, 7601.	4.1	7
68	Insight into Structure: Function Relationships in a Molecular Spin-Crossover Crystal, from a Related Weakly Cooperative Compound. European Journal of Inorganic Chemistry, 2014, 2014, 4250-4253.	2.0	10
69	A Homologous Series of [Fe(H <sub>2</sub> Bpz) <sub>2</sub> ] <sub>2</sub> (L)] Spin-Crossover Complexes with Annelated Bipyridyl Co-Ligands. Inorganic Chemistry, 2014, 53, 9809-9817.	4.0	37
70	Spin-crossover Compounds with Wide Thermal Hysteresis. Chemistry Letters, 2014, 43, 1178-1188.	1.3	137
71	The foundation of modern spin-crossover. Chemical Communications, 2013, 49, 10890.	4.1	35
72	Isostructural salts of the same complex showing contrasting thermal spin-crossover mediated by multiple phase changes. Chemical Communications, 2013, 49, 6280.	4.1	26

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73	A bis(disulfide)-linked offset cryptophane. <i>Chemical Communications</i> , 2013, 49, 1512.	4.1	8
74	Iron(II) and cobalt(II) complexes of tris-azanyl analogues of 2,2':6''',2''':6''''-terpyridine. <i>Dalton Transactions</i> , 2013, 42, 2254-2265.	3.3	51
75	Four new spin-crossover salts of [Fe(3-bpp) <sub>2</sub> ] <sup>2+</sup> (3-bpp=2,6-bis[1H-pyrazol-3-yl]pyridine). <i>Polyhedron</i> , 2013, 52, 1449-1456.	2.2	10
76	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> , 2013, 64, 4-12.	2.2	20
77	Jahn–Teller distortions in transition metal compounds, and their importance in functional molecular and inorganic materials. <i>Chemical Society Reviews</i> , 2013, 42, 1784-1795.	38.1	361
78	Stepwise Spin Transition and Hysteresis of a Tetrameric Iron(II) Complex, <i>fac</i> -[Tris(2-methylimidazol-4-ylmethylidene)hexylamine]iron(II) Chloride Hexafluorophosphate, Assembled by Imidazole–Chloride Hydrogen Bonds. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 927-933.	2.0	20
79	Synthesis of 2,6-di(pyrazol-4-yl)pyrazine Derivatives and the Spin State Behavior of Their Iron(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 819-831.	2.0	31
80	Six new crystalline clathrates of cyclotricatechylene (CTC) including two donor–acceptor complexes. <i>Supramolecular Chemistry</i> , 2012, 24, 2-13.	1.2	10
81	Photomagnetic studies on spin-crossover solid solutions containing two different metal complexes, [Fe(1-bpp) <sub>2</sub> ] <sub>x</sub> [M(terpy) <sub>2</sub> ] <sub>1-x</sub> [BF <sub>4</sub> ] <sub>2</sub> (M = Ru or Co). <i>Dalton Transactions</i> , 2012, 41, 4896.	3.3	22
82	Suppression of the Jahn–Teller distortion in a six-coordinate copper(II) complex by doping it into a host lattice. <i>Chemical Communications</i> , 2012, 48, 4055.	4.1	29
83	An iron(II) complex exhibiting five anhydrous phases, two of which interconvert by spin-crossover with wide hysteresis. <i>Chemical Science</i> , 2012, 3, 349-354.	7.4	67
84	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> , 2012, 41, 3731.	3.3	7
85	Synthesis and Methane Binding Properties of Disulfide-Linked Cryptophane–0.0.0. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 764-766.	13.8	40
86	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> , 2011, 40, 12021.	3.3	79
87	1D and 2D assembly structures by imidazole–chloride hydrogen bonds of iron(II) complexes [Fe(II)(HLn-Pr) <sub>3</sub> ][Cl·Y] (HLn-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> , 2011, 40, 12301.	3.3	23
88	New insights into the aggregation of silver pyrazolides using sterically hindered bidentate pyrazole ligands. <i>Chemical Communications</i> , 2011, 47, 5187.	4.1	16
89	A Hydrogen Bond Motif Giving a Variety of Supramolecular Assembly Structures and Spin-Crossover Behaviors. <i>Inorganic Chemistry</i> , 2011, 50, 11303-11305.	4.0	24
90	Structure: function relationships in molecular spin-crossover complexes. <i>Chemical Society Reviews</i> , 2011, 40, 4119.	38.1	776

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91	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> , 2011, 40, 72-74.	1.3	14
92	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> , 2011, 373, 211-218.	2.4	11
93	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> , 2011, 696, 2736-2741.	1.8	10
94	A Trinuclear Iron(III) Compound with an Unusual T-Shaped [Fe <sub>3</sub> ( $\mu_3$ -O)] <sup>7+</sup> Core. <i>Journal of Cluster Science</i> , 2010, 21, 279-290.	3.3	4
95	A Back-to-Back Ligand with Dipyrazolylpyridine and Dipicolylamine Metal-Binding Domains. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1007-1012.	2.0	24
96	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> , 2010, 66, 206-212.	1.8	4
97	Ag(I) Organometallic Coordination Polymers and Capsule with Tris-Allyl Cyclotrimeratrylene Derivatives. <i>Inorganic Chemistry</i> , 2010, 49, 9486-9496.	4.0	35
98	Two Heptacopper(II) Disk Complexes with a [Cu <sub>7</sub> ( $\mu_3$ -OH) <sub>4</sub> ( $\mu_2$ -OR) <sub>2</sub> ] <sup>8+</sup> Core. <i>Inorganic Chemistry</i> , 2010, 49, 11127-11132.	4.0	40
99	The effect of different ligand substituents on the chemistry of a zinc(II) pyrazole anion host. <i>New Journal of Chemistry</i> , 2010, 34, 52-60.	2.8	8
100	Using one spin-transition to trigger another in solid solutions of two different spin-crossover complexes. <i>Chemical Communications</i> , 2010, 46, 4761.	4.1	16
101	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> , 2010, 39, 9008.	3.3	72
102	A Cobalt Metallocrown Anion Host with Guest-Dependent Redox Activity. <i>Chemistry - A European Journal</i> , 2009, 15, 4667-4675.	3.3	39
103	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> , 2009, 65, o506-o508.	0.4	0
104	Two new 4,4'-disubstituted dipyrazolylpyridine derivatives, and the structures and spin states of their iron(II) complexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 4365-4371.	2.4	21
105	Unexpected product distributions in the synthesis of 2,6-bis-(indazolyl)pyridine and 2-(pyrazol-1-yl)-6-(indazolyl)pyridine. <i>Tetrahedron Letters</i> , 2009, 50, 2484-2486.	1.4	15
106	Iron(II) complexes of 2,6-di(pyrazol-1-yl)pyridines – A versatile system for spin-crossover research. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2493-2514.	18.8	313
107	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> , 2009, , 6656.	3.3	37
108	Pyrazoles and pyrazolides – flexible synthons in self-assembly. <i>Dalton Transactions</i> , 2009, , 2059.	3.3	291



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109	Co-crystallising two functional complex molecules in a terpyridine embrace lattice. <i>CrystEngComm</i> , 2009, 11, 2069.	2.6	43
110	Ammonium, Alkylammonium, and Amino Acid Complexes of a Hexacopper Fluoro- $\epsilon$ -Metallacrown Cavitand. <i>Chemistry - A European Journal</i> , 2008, 14, 223-233.	3.3	29
111	Mononuclear and dinuclear iron thiocyanate and selenocyanate complexes of tris-pyrazolylmethane ligands. <i>Polyhedron</i> , 2008, 27, 2569-2576.	2.2	20
112	Trapping and manipulating excited spin states of transition metal compounds. <i>Chemical Society Reviews</i> , 2008, 37, 278-289.	38.1	119
113	A crystalline hydrogen-bonded network with a poly-catenate topology. <i>Chemical Communications</i> , 2008, , 5200.	4.1	9
114	The influence of ligand conformation on the thermal spin transitions in iron(iii) saltrien complexes. <i>Dalton Transactions</i> , 2008, , 3159.	3.3	67
115	Cross-Link Formation of the Cysteine 228 $\alpha$ -Tyrosine 272 Catalytic Cofactor of Galactose Oxidase Does Not Require Dioxygen. <i>Biochemistry</i> , 2008, 47, 10428-10439.	2.5	47
116	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> , 2007, 31, 1530.	2.8	13
117	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> , 2007, , 4276.	3.3	38
118	Four copper(ii) pyrazolido complexes derived from reactions of 3{5}-substituted pyrazoles with CuF <sub>2</sub> or Cu(OH) <sub>2</sub> . <i>Dalton Transactions</i> , 2007, , 1392.	3.3	26
119	Iron(ii) complexes with a terpyridine embrace packing motif show remarkably consistent cooperative spin-transitions. <i>Chemical Communications</i> , 2007, , 577-579.	4.1	89
120	Anion doping as a probe of cooperativity in the molecular spin-crossover compound [FeL <sub>2</sub> ][BF <sub>4</sub> ] <sub>2</sub> (L = ) Tj ETQq0 0 0 qgBT /Overlock 10 T	3.3	39
121	Zwitterionic 2-(4-pyridyl)malondialdehyde sesquihydrate forms a helical, 3-D hydrogen-bonded lattice. <i>CrystEngComm</i> , 2007, 9, 361.	2.6	1
122	Interplay Between Kinetically Slow Thermal Spin-Crossover and Metastable High-Spin State Relaxation in an Iron(II) Complex with Similar T <sub>1</sub> /2 and T(LIESST). <i>Chemistry - A European Journal</i> , 2007, 13, 5503-5514.	3.3	119
123	A Hexacopper Fluoro Metallacrown Cavitand and its Alkali-Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4073-4076.	13.8	42
124	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> , 2007, 63, 291-298.	1.9	33
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126	Variable temperature structural and magnetic characterisation of the cubane cluster [Cu <sub>4</sub> ( $\mu$ <sub>3</sub> -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> , 2007, 26, 1977-1983.	2.2	13



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129	Homoleptic Zinc(II) Complexes with First and Second Coordination Shells of 5-tert-Butylpyrazole. <i>Inorganic Chemistry</i> , 2006, 45, 8711-8718.	4.0	21
130	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> , 2006, , 662-664.	3.3	15
131	Photomagnetic properties of iron(ii) spin crossover complexes of 2,6-dipyrazolylpyridine and 2,6-dipyrazolylpyrazine ligands. <i>Dalton Transactions</i> , 2006, , 3058-3066.	3.3	105
132	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> , 2006, 62, m437-m439.	0.4	6
133	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> , 2006, 25, 235-240.	2.2	30
134	Copper(II) complexes of sterically hindered Schiff base ligands: Synthesis, structure, spectra and electrochemistry. <i>Polyhedron</i> , 2006, 25, 1077-1088.	2.2	48
135	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> , 2006, 47, 2531-2534.	1.4	29
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139	An unexpected destabilisation of copper(II) phenoxyl radical species by steric protection. <i>Inorganica Chimica Acta</i> , 2005, 358, 1337-1341.	2.4	10
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141	2-[Bis(pyrazol-1-yl)methyl]-4-tert-butyl-6-(phenylsulfanyl)phenol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o294-o296.	0.4	1
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147	Di- $\mu$ -4-hydroxo-bis({bis[2-(2-pyridyl)ethyl]amine- $\mu$ -3N}copper(II) dichloride hexahydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, m1-m3.	0.4	3
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151	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> , 2004, 10, 1827-1837.	3.3	62
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160	Cofactor processing in galactose oxidase. <i>Biochemical Society Symposia</i> , 2004, 71, 15-25.	2.7	7
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164	Hexa- $\hat{N}$ 4-chloro- $\hat{N}$ 4-oxo-tetrakis{[5-(2,4,6-trimethylphenyl)pyrazole- $\hat{N}$ 2]copper(II)}. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m100-m102.	0.4	5
165	( $\hat{N}$ 2-Tetracyanoethene)bis(triphenylphosphine- $\hat{P}$ )palladium dichloromethane (1/0.7). Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m136-m138.	0.4	1
166	Interpreting and controlling the structures of six-coordinate copper(ii) centres – When is a compression really a compression?. Dalton Transactions, 2003, , 4375-4384.	3.3	106
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168	Light induced excited high spin-state trapping in [FeL2](BF4)2 (L = 2,6-di(pyrazol-1-yl)pyridine). Chemical Communications, 2003, , 158-159.	4.1	64
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174	Stereochemical effects on the spin-state transition shown by salts of [FeL2]2+ [L = 2,6-di(pyrazol-1-yl)pyridine]. Dalton Transactions RSC, 2002, , 548-554.	2.3	154
175	Copper(ii) complexes of 2,6-bis(3-tert-butylpyrazol-1-yl)pyridine. Dalton Transactions RSC, 2002, , 1625-1630.	2.3	10
176	3{5}-tert-Butylpyrazole is a ditopic receptor for zinc(ii) halidesElectronic supplementary information (ESI) available: tabulated and plotted NMR data for 1 in the presence and absence of added NBun4X (X = Cl, Br, I, BF4). See <a href="http://www.rsc.org/suppdata/cc/b2/b200551b/">http://www.rsc.org/suppdata/cc/b2/b200551b/</a> . Chemical Communications, 2002, , 704-705.	4.1	38
177	Supramolecular anion binding by the [ZnCl(HpztBu)3]+ cation (HpztBu = 5-tert-butylpyrazole). Dalton Transactions RSC, 2002, , 4206-4212.	2.3	27
178	A cyclic hexacopper(ii) fluoro complex that encapsulates two fluoride anionsElectronic supplementary information (ESI) available: observed and simulated EPR spectra for 2. See <a href="http://www.rsc.org/suppdata/cc/b2/b207923m/">http://www.rsc.org/suppdata/cc/b2/b207923m/</a> . Chemical Communications, 2002, , 2978-2979.	4.1	22
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180	Supramolecular Templating of the Double-Cubane [{Cu3(HpztBu)6( $\hat{N}$ 43-Cl)( $\hat{N}$ 43-OH)3}2Cu]Cl6 (HpztBu=5-tert-Butylpyrazole) This work was supported by the Royal Society (London, M.A.H.) and the EPSRC (X.L., J.A.M.). Angewandte Chemie - International Edition, 2002, 41, 756.	13.8	38

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200	Chemically Modified Amino Acids in Copper Proteins That Bind or Activate Dioxygen The author acknowledges the Royal Society (London) for a University Research Fellowship.. Angewandte Chemie - International Edition, 2001, 40, 346-349.	13.8	0
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247	Aromatization of the B-ring of 5,7-dienyl steroids by the electrophilic ruthenium fragment "[Cp* <sub>2</sub> Ru] <sup>+</sup> ". <i>Organometallics</i> , 1993, 12, 955-957.	2.3	59
248	Nickel thioether chemistry: synthesis, structures and electrochemistry of five-co-ordinate 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> ·2H <sub>2</sub> O, [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> PC <sub>2</sub> H <sub>4</sub> P(C <sub>6</sub> H <sub>11</sub> ) <sub>2</sub> , tdpme = CH <sub>3</sub> C(CH <sub>2</sub> PPh <sub>2</sub> ) <sub>3</sub> . <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2909-2920.	1.1	21
249	Crystal structure of (1,4,7-trithiacyclononane)-(1,2-bis(di phenylphosphino)ethane)nickel(II)bis-(tetrafluoroborate), C <sub>32</sub> H <sub>36</sub> NiP <sub>2</sub> S <sub>3</sub> (BF <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>0.4</sub> . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1993, 205, 295-299.	0.8	0
250	Nickel thioether chemistry: syntheses of nickel(II) complexes of tetra- and penta-thia macrocyclic ligands. The single-crystal structures of [Ni([16]aneS <sub>4</sub> )(OH <sub>2</sub> ) <sub>2</sub> ][BF <sub>4</sub> ] <sub>2</sub> and [Ni([15]aneS <sub>5</sub> )]PF <sub>6</sub> ·2([16]aneS <sub>4</sub> =1,5,9,13-tetrathiacyclohexadecane), Tj ETQqO O O rgBT /Overlock 10 Tf 50 137 Td ([15]aneS <sub>5</sub> =1,4,7,11,15-pentathiacyclohexadecane). <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2803-2808.	1.1	24
251	Nickel thioether chemistry: a re-examination of the electrochemistry of [Ni([9]aneS <sub>3</sub> ) <sub>2</sub> ] <sup>2+</sup> . The single-crystal X-ray structure of a nickel(III) thioether complex, [NiIII([9]aneS <sub>3</sub> ) <sub>2</sub> ][H <sub>5</sub> O <sub>2</sub> ] <sub>3</sub> [ClO <sub>4</sub> ] <sub>6</sub> ·[9]aneS <sub>3</sub> =1,4,7-trithiacyclononane). <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 3427-3431.	1.1	24
252	Tri- $\hat{1}$ / <sub>4</sub> -chloro-bis(1,4,7-trithiacyclononane)nickel(II) tetrafluoroborate acetonitrile solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992, 48, 1844-1846.	0.4	2



#	ARTICLE	IF	CITATIONS
253	Synthesis, structure and reactivity of cationic rhodium(I) and iridium(I) thioether crowns: structures of $[M([9]aneS3)(cod)]^+$ ( $M = Rh, Ir$ ; $cod = cycloocta-1,5-diene$ ) and $[Rh([9]aneS3)(C_2H_4)_2]^+$ ( $[9]aneS3 =$ ) Tj ETQq1210.784314 rgBT / Dv	1.5	89
254	The kinetics of crystal growth in the presence of tailor-made additives. <i>Journal of Crystal Growth</i> , 1986, 79, 765-774.	1.5	89