

Malcolm A Halcrow

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure: function relationships in molecular spin-crossover complexes. <i>Chemical Society Reviews</i> , 2011, 40, 4119.	38.1	776
2	Biomimetic Chemistry of Nickel. <i>Chemical Reviews</i> , 1994, 94, 2421-2481.	47.7	375
3	Structural and Magnetic Properties of $[\text{Ni}(\mu_3\text{-OMe})_4(\text{dbm})_4(\text{MeOH})_4]$ and $[\text{Ni}(\mu_3\text{-N}_3)_4(\text{dbm})_4(\text{EtOH})_4]$. Magnetostructural Correlations for $[\text{Ni}_4\text{X}_4]^{4+}$ Cubane Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 4167-4177.	4.0	362
4	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
5	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
6	The synthesis and coordination chemistry of 2,6-bis(pyrazolyl)pyridines and related ligands – Versatile terpyridine analogues. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2880-2908.	18.8	303
7	Pyrazoles and pyrazolides – flexible synthons in self-assembly. <i>Dalton Transactions</i> , 2009, , 2059.	3.3	291
8	The spin-states and spin-transitions of mononuclear iron(II) complexes of nitrogen-donor ligands. <i>Polyhedron</i> , 2007, 26, 3523-3576.	2.2	287
9	Spin state behavior of iron(II)/dipyrazolylpyridine complexes. New insights from crystallographic and solution measurements. <i>Coordination Chemistry Reviews</i> , 2015, 289-290, 2-12.	18.8	175
10	Stereochemical effects on the spin-state transition shown by salts of $[\text{FeL}_2]^{2+}$ [L = 2,6-di(pyrazol-1-yl)pyridine]. <i>Dalton Transactions RSC</i> , 2002, , 548-554.	2.3	154
11	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
12	Spin-crossover Compounds with Wide Thermal Hysteresis. <i>Chemistry Letters</i> , 2014, 43, 1178-1188.	1.3	137
13	Copper(II) complexes of tridentate pyridylmethylethylenediamines: Role of ligand steric hindrance on DNA binding and cleavage. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1717-1732.	3.5	127
14	An unusual abrupt thermal spin-state transition in $[\text{FeL}_2][\text{BF}_4]_2$ [L = 2,6-di(pyrazol-1-yl)pyridine]. <i>Chemical Communications</i> , 2001, , 577-578.	4.1	120
15	Interplay Between Kinetically Slow Thermal Spin-Crossover and Metastable High-Spin State Relaxation in an Iron(II) Complex with Similar $T_{1/2}$ and T_{LIESST} . <i>Chemistry - A European Journal</i> , 2007, 13, 5503-5514.	3.3	119
16	Trapping and manipulating excited spin states of transition metal compounds. <i>Chemical Society Reviews</i> , 2008, 37, 278-289.	38.1	119
17	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> , 2001, 98, 12932-12937.	7.1	107
18	Interpreting and controlling the structures of six-coordinate copper(II) centres – When is a compression really a compression?. <i>Dalton Transactions</i> , 2003, , 4375-4384.	3.3	106

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19	Photomagnetic properties of iron(ii) spin crossover complexes of 2,6-dipyrazolylpyridine and 2,6-dipyrazolylpyrazine ligands. Dalton Transactions, 2006, , 3058-3066.	3.3	105
20	The Effect of Ligand Design on Metal Ion Spin State—Lessons from Spin Crossover Complexes. Crystals, 2016, 6, 58.	2.2	103
21	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.	4.4	98
22	Antisymmetric exchange in two tricopper(ii) complexes containing a [Cu ₃ (μ ₃ -OMe)] ⁵⁺ core. Dalton Transactions, 2004, , 59-64.	3.3	94
23	The kinetics of crystal growth in the presence of tailor-made additives. Journal of Crystal Growth, 1986, 79, 765-774.	1.5	89
24	Iron(ii) complexes with a terpyridine embrace packing motif show remarkably consistent cooperative spin-transitions. Chemical Communications, 2007, , 577-579.	4.1	89
25	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
26	Spin-state switches in molecular materials chemistry. Journal of Materials Chemistry C, 2015, 3, 7775-7778.	5.5	82
27	Spin-crossover in [Fe(3-bpp) ₂][BF ₄] ₂ in different solvents — A dramatic stabilisation of the low-spin state in water. Dalton Transactions, 2011, 40, 12021.	3.3	79
28	Iron(II) Complexes of Tridentate Indazolylpyridine Ligands: Enhanced Spin-Crossover Hysteresis and Ligand-Based Fluorescence. Inorganic Chemistry, 2015, 54, 682-693.	4.0	76
29	Giant Barocaloric Effect at the Spin Crossover Transition of a Molecular Crystal. Advanced Materials, 2019, 31, e1807334.	21.0	75
30	An unusual discontinuity in the thermal spin transition in [Co(terpy) ₂][BF ₄] ₂ . Dalton Transactions, 2010, 39, 9008.	3.3	72
31	A structural, magnetic and Mössbauer spectroscopic study of an unusual angular Jahn–Teller distortion in a series of high-spin iron(ii) complexes. Dalton Transactions, 2005, , 1693-1700.	3.3	69
32	A study of the thermal and light induced spin transition in [FeL ₂](BF ₄) ₂ and [FeL ₂](ClO ₄) ₂ L = 2,6-di(3-methylpyrazol-1-yl)pyrazine. Dalton Transactions, 2004, , 65-69.	3.3	67
33	The influence of ligand conformation on the thermal spin transitions in iron(iii) saltrien complexes. Dalton Transactions, 2008, , 3159.	3.3	67
34	An iron(II) complex exhibiting five anhydrous phases, two of which interconvert by spin-crossover with wide hysteresis. Chemical Science, 2012, 3, 349-354.	7.4	67
35	Light induced excited high spin-state trapping in [FeL ₂](BF ₄) ₂ (L = 2,6-di(pyrazol-1-yl)pyridine). Chemical Communications, 2003, , 158-159.	4.1	64
36	Reactions of Copper(II) Salts with 3{5}-tert-Butylpyrazole: Double-Cubane Complexes with Bound Exogenous Anions, and a Novel Pyrazole Coordination Mode. Chemistry - A European Journal, 2004, 10, 1827-1837.	3.3	62

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37	Steric Control of the Electronic Ground State in Six-Coordinate Copper(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2221-2223.	13.8	60
38	Aromatization of the B-ring of 5,7-dienyl steroids by the electrophilic ruthenium fragment "[Cp*Ru]+". <i>Organometallics</i> , 1993, 12, 955-957.	2.3	59
39	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> , 2006, , 823-830.	3.3	59
40	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
41	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
42	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> , 2002, 5, 328-332.	3.9	53
43	Chemically Modified Amino Acids in Copper Proteins That Bind or Activate Dioxygen. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 346-349.	13.8	52
44	Selective aromatization of the A-ring of steroids through carbon-carbon, carbon-hydrogen, and carbon-oxygen bond activation by an electrophilic ruthenium complex. <i>Journal of the American Chemical Society</i> , 1993, 115, 3484-3493.	13.7	51
45	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> , 1999, , 1753-1762.	1.1	51
46	Iron(II) and cobalt(II) complexes of tris-azanyl analogues of 2,6-di(2,2'-bipyridine), <i>Dalton Transactions</i> , 2013, 42, 2254-2265.	3.3	51
47	The spin-states and spin-crossover behaviour of iron(II) complexes of 2,6-dipyrazol-1-ylpyrazine derivatives. <i>Dalton Transactions</i> , 2003, , 2053-2060.	3.3	48
48	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> , 2004, 391, 273-277.	2.6	48
49	The thermal and light induced spin transition in [FeL2](BF4)2(L = 2,6-di(pyrazol-1-yl)pyridine). <i>Chemical Communications</i> , 2005, , 1052-1054.	3.3	48
50	Copper(II) complexes of sterically hindered Schiff base ligands: Synthesis, structure, spectra and electrochemistry. <i>Polyhedron</i> , 2006, 25, 1077-1088.	2.2	48
51	Cross-Link Formation of the Cysteine 228-Tyrosine 272 Catalytic Cofactor of Galactose Oxidase Does Not Require Dioxygen. <i>Biochemistry</i> , 2008, 47, 10428-10439.	2.5	47
52	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> , 2000, , 3316-3324.	2.3	45
53	Steric control of the reactivity of moderately hindered tris(pyrazolyl)borates with copper(II) salts. <i>Dalton Transactions RSC</i> , 2000, , 133-140.	2.3	45
54	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

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55	Steric effects on the electronic and molecular structures of nickel(II) and cobalt(II) 2,6-dipyrazol-1-ylpyridine complexes. <i>Polyhedron</i> , 2001, 20, 2829-2840.	2.2	43
56	Co-crystallising two functional complex molecules in a terpyridine embrace lattice. <i>CrystEngComm</i> , 2009, 11, 2069.	2.6	43
57	A Hexacopper Fluoro Metallacrown Cavitand and its Alkali-Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4073-4076.	13.8	42
58	Carbaborane salts of $[\text{ZnCl}(\text{HpztBu})_3]^+$, a host for inorganic anions ($\text{HpztBu} = 5\text{-tert-butylpyrazole}$). <i>New Journal of Chemistry</i> , 2002, 26, 1634-1637.	2.8	41
59	Spectroscopic characterisation of a copper(II) complex of a thioether-substituted phenoxyl radical: a new model for galactose oxidase. <i>Chemical Communications</i> , 1998, , 2465-2466.	4.1	40
60	Two Heptacopper(II) Disk Complexes with a $[\text{Cu}_7(\text{I}^{1/4}_4\text{-OH})_4(\text{I}^{1/4}\text{-OR})_2]^8+$ Core. <i>Inorganic Chemistry</i> , 2010, 49, 11127-11132.	4.0	40
61	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
62	Anion doping as a probe of cooperativity in the molecular spin-crossover compound $[\text{FeL}_2][\text{BF}_4]_2$ (L = 1,2,3,4,5-pentakis(4-tert-butyl-1H-pyrazol-5-yl)-1H-pyridine). <i>Chemical Communications</i> , 2009, , 704-705.	3.3	39
63	A Cobalt Metallacrown Anion Host with Guest-Dependent Redox Activity. <i>Chemistry - A European Journal</i> , 2009, 15, 4667-4675.	3.3	39
64	3,5-tert-Butylpyrazole is a ditopic receptor for zinc(ii) halides. Electronic supplementary information (ESI) available: tabulated and plotted NMR data for $1:3$ in the presence and absence of added NBun 4^+ ($X = \text{Cl}^-, \text{Br}^-, \text{I}^-, \text{BF}_4^-$). See http://www.rsc.org/suppdata/cc/b2/b200551b/ . <i>Chemical Communications</i> , 2002, , 704-705.	4.1	38
65	Supramolecular Templating of the Double-Cubane $[\{\text{Cu}_3(\text{HpztBu})_6(\text{I}^{1/4}_3\text{-Cl})(\text{I}^{1/4}_3\text{-OH})_3\}_2\text{Cu}]\text{Cl}_6$ ($\text{HpztBu} = 5\text{-tert-Butylpyrazole}$) This work was supported by the Royal Society (London, M.A.H.) and the EPSRC (X.L., J.A.M.). <i>Angewandte Chemie - International Edition</i> , 2002, 41, 756.	13.8	38
66	Thermal and light-induced spin-crossover in salts of the heptadentate complex $[\text{tris}(4\text{-pyrazol-3-yl-3-aza-3-butenyl})\text{amine}]\text{iron(II)}$. <i>Dalton Transactions</i> , 2007, , 4276.	3.3	38
67	Anion-dependent spin crossover in solution for an iron(II) complex of a 1H-pyrazolyl ligand. <i>RSC Advances</i> , 2014, 4, 11240.	3.6	38
68	Tris-pyrazolyl-borate dihydrogen complexes of ruthenium. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 465.	2.0	37
69	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
70	A Homologous Series of $[\text{Fe}(\text{H}_2\text{Bpz})_2(\text{L})]$ Spin-Crossover Complexes with Annelated Bipyridyl Co-Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 9809-9817.	4.0	37
71	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
72	Ag(I) Organometallic Coordination Polymers and Capsule with Tris-Allyl Cyclotriveratrylene Derivatives. <i>Inorganic Chemistry</i> , 2010, 49, 9486-9496.	4.0	35

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73	The foundation of modern spin-crossover. <i>Chemical Communications</i> , 2013, 49, 10890.	4.1	35
74	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
75	One-pot synthesis of a novel tridentate tin(IV) ligand; syntheses and structures of [BunSn(NC ₅ H ₄ -C,N) ₃ MBr](M = Li, Cu). <i>Chemical Communications</i> , 1996, , 2619.	4.1	34
76	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
77	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
78	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> , 2013, 2013, 819-831.	2.0	31
79	Copper(ii) complexes of thioether-substituted salcyen and salcyan derivatives and their silver(i) adducts. <i>Dalton Transactions</i> , 2005, , 3241.	3.3	30
80	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
81	Spin States of Homochiral and Heterochiral Isomers of [Fe(PyBox) ₂] ²⁺ Derivatives. <i>Chemistry - A European Journal</i> , 2017, 23, 9067-9075.	3.3	30
82	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
83	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
84	Ammonium, Alkylammonium, and Amino Acid Complexes of a Hexacopper Fluoro-Metallacrown Cavitand. <i>Chemistry - A European Journal</i> , 2008, 14, 223-233.	3.3	29
85	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
86	Manipulating metal spin states for biomimetic, catalytic and molecular materials chemistry. <i>Dalton Transactions</i> , 2020, 49, 15560-15567.	3.3	29
87	Synthesis, structure and reactivity of cationic rhodium(I) and iridium(I) thioether crowns: structures of [M([9]aneS ₃)(cod)] ⁺ (M = Rh, Ir; cod = cycloocta-1,5-diene) and [Rh([9]aneS ₃)(C ₂ H ₄) ₂] ⁺ + ([9]aneS ₃) ⁻ . <i>Tetrahedron Letters</i> , 2010, 51, 7843-7846.	10.7843	24
88	The reactivity of CuX ₂ (X ⁻ = Cl ⁻ , Br ⁻ , MeCO ₂ ⁻) salts towards tris-pyrazolyl-borates of differing steric		

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91	Nickel thioether chemistry: syntheses of nickel(II) complexes of tetra- and penta-thia macrocyclic ligands. The single-crystal structures of [Ni([16]aneS4)(OH2)2][BF4]2 and [Ni([15]aneS5)][PF6]2 ([16]aneS4 = 1,5,9,13-tetrathiacyclohexadecane, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 737 Td7([15]aneS5) 1 0.784314 rgBT /Overlock 10 Tf 50 737 Td7). Dalton Transactions RSC, 2002, , 4206-4212.	2.3	27
92	Supramolecular anion binding by the [ZnCl(HpzTBu)3]+ cation (HpztBu = 5-tert-butylpyrazole). Dalton Transactions RSC, 2002, , 4206-4212.	2.3	27
93	Cofactor processing in galactose oxidase. Biochemical Society Transactions, 2003, 31, 506-509.	3.4	27
94	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
95	Four copper(II) pyrazolido complexes derived from reactions of 3{5}-substituted pyrazoles with CuF2 or Cu(OH)2. Dalton Transactions, 2007, , 1392.	3.3	26
96	Isostructural salts of the same complex showing contrasting thermal spin-crossover mediated by multiple phase changes. Chemical Communications, 2013, 49, 6280.	4.1	26
97	A crystallographic and EPR study of the fluxional Cu(II) ion in [CuL2][BF4]2 (L = Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td7). Dalton Transactions, 2013, 42, 13761-13771.	2.3	25
98	Bead-like structures and self-assembled monolayers from 2,6-dipyrazolylpyridines and their iron(II) complexes. Journal of Materials Chemistry C, 2015, 3, 7890-7896.	5.5	25
99	An iron(II) spin-crossover metallacycle from a back-to-back bis-[dipyrazolylpyridine]. Dalton Transactions, 2015, 44, 9417-9425.	3.3	25
100	2,6-Bis(pyrazol-1-yl)pyridine-4-carboxylate Esters with Alkyl Chain Substituents and Their Iron(II) Complexes. Inorganic Chemistry, 2018, 57, 13761-13771.	4.0	25
101	Nickel thioether chemistry: a re-examination of the electrochemistry of [Ni([9]aneS3)2]2+. The single-crystal X-ray structure of a nickel(III) thioether complex, [NiIII([9]aneS3)2][H5O2]3[ClO4]6 ([9]aneS3 = 1,4,7-trithiacyclononane). Journal of the Chemical Society Dalton Transactions, 1992, , 3427-3431.	1.1	24
102	Syntheses, structures and electrochemistry of [CuL1(LR)]BF4 [CuL12][BF4]2. Effects of graphitic interactions on the stability of an aryl radical cation. Journal of the Chemical Society Dalton Transactions, 1997, , 4025-4036.	1.1	24
103	Co-ordination chemistry of bis(ferrocenylcarbalimine) Schiff bases. Journal of the Chemical Society Dalton Transactions, 1998, , 3791-3800.	1.1	24
104	Complexes of 2-hydroxy-5-methyl-1,4-benzoquinone as models for the TPQ-on form of copper amine oxidases. Dalton Transactions RSC, 2000, , 4563-4568.	2.3	24
105	Steric effects on the stereochemistry of copper complexes of 2,6-bis(pyrazol-1-ylmethyl)pyridines. Polyhedron, 2002, 21, 1031-1041.	2.2	24
106	A Back-to-Back Ligand with Dipyrazolylpyridine and Dipicolylamine Metal-Binding Domains. European Journal of Inorganic Chemistry, 2010, 2010, 1007-1012.	2.0	24
107	A Hydrogen Bond Motif Giving a Variety of Supramolecular Assembly Structures and Spin-Crossover Behaviors. Inorganic Chemistry, 2011, 50, 11303-11305.	4.0	24
108	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. Inorganic Chemistry Frontiers, 2015, 2, 662-670.	6.0	24

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109	Evidence for a hopping mechanism in metal single molecule metal junctions involving conjugated metal-terpyridyl complexes; potential-dependent conductances of complexes [M(pyterpy) ₂] ²⁺ (M = Co and Fe; pyterpy = 4-(pyridin-4-yl)-2,6-bis(2-terpyridine) in ionic liquid. <i>Faraday Discussions</i> , 2016, 193, 113-131.	3.2	24
110	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
111	The ground state of a tetragonally compressed copper(II) complex. <i>Chemical Physics Letters</i> , 1999, 314, 176-181.	2.6	23
112	Metal complexes of 4-(3-phenylpropoxy)-2,6-bis(2-terpyridine) and 4-(3-propoxy)-2,6-bis(2-terpyridine). <i>Polyhedron</i> , 2001, 20, 2889-2900.	2.2	23
113	An X-ray powder diffraction study of the spin-crossover transition and structure of bis(2,6-dipyrzazol-1-ylpyrazine)iron(II) perchlorate. <i>Acta Crystallographica Section B: Structural Science</i> , 2004, 60, 41-45.	1.8	23
114	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> , 2005, 7, 151-157.	2.6	23
115	1D and 2D assembly structures by imidazole-chloride hydrogen bonds of iron(ii) complexes [Fe(HLn-Pr) ₃]Cl·Y (HLn-Pr = 2-methylimidazol-4-yl-methylideneamino-n-propyl; Y = AsF ₆ , BF ₄) and their spin states. <i>Dalton Transactions</i> , 2011, 40, 12301.	3.3	23
116	Synthesis and coordination chemistry of 1,1,1-tris-(pyrid-2-yl)ethane. <i>Dalton Transactions</i> , 2015, 44, 1060-1069.	3.3	23
117	Gradual Thermal Spin-Crossover Mediated by a Reentrant $\langle i \rangle Z \langle i \rangle = 1 \uparrow' \langle i \rangle Z \langle i \rangle = 6 \uparrow' \langle i \rangle Z \langle i \rangle = 1$ Phase Transition. <i>Inorganic Chemistry</i> , 2017, 56, 3144-3148.	4.0	23
118	[Mn ₆ O ₂ {O ₂ C-3,5-(NO ₂) ₂ -C ₆ H ₃ } ₁₀ (C ₅ H ₅ N) ₂ {(CH ₃) ₂ CO} ₂].2(CH ₃) ₂ CO.2(C ₂ H ₅) ₂ O and [Mn ₆ O ₂ (O ₂ CC ₆ H ₅) ₁₀ (NCCH ₃) ₄]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995, 51, 1263-1267.	0.4	22
119	The Structure of theD. gigas[NiFe] Hydrogenase and the Nature of the Hydrogenase Nickel Complex. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1193-1195.	4.4	22
120	A cyclic hexacopper(ii) fluoro complex that encapsulates two fluoride anionsElectronic supplementary information (ESI) available: observed and simulated EPR spectra for 2. See http://www.rsc.org/suppdata/cc/b2/b207923m/ . <i>Chemical Communications</i> , 2002, , 2978-2979.	4.1	22
121	Temperature dependence of the electronic ground states of two mononuclear, six-coordinate copper(ii) centres. <i>New Journal of Chemistry</i> , 2004, 28, 228.	2.8	22
122	Novel hydrogen bond network topologies in complexes of the ditopic ligand 5-amino-3-(pyrid-2-yl)-1H-pyrazole. <i>CrystEngComm</i> , 2006, 8, 719.	2.6	22
123	Photomagnetic studies on spin-crossover solid solutions containing two different metal complexes, [Fe(1-bpp) ₂] _x [M(terpy) ₂] _{1-x} [BF ₄] ₂ (M = Ru or Co). <i>Dalton Transactions</i> , 2012, 41, 4896.	3.3	22
124	Nickel thioether chemistry: synthesis, structures and electrochemistry of five-co-ordinate nickel(II) complexes of [9]aneS ₃ . Crystal structures of [Ni([9]aneS ₃)-(dppm)][PF ₆] ₂ , [Ni([9]aneS ₃)(dcpe)][PF ₆] ₂ ·1.25MeCN and [Ni([9]aneS ₃)(tdpme)][PF ₆] ₂ ·[9]aneS ₃ =1,4,7-Trithiacyclononane, dppm = Ph ₂ PCH ₂ PPh ₂ , dcpe = (C ₆ H ₁₁) ₂ PC ₂ H ₄ P(C ₆ H ₁₁) ₂ , tdpme = CH ₃ C(CH ₂ PPh ₂) ₃ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, 2909-2920.	1.1	21
125	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 LElectronic supplementary information (ESI) available: Full synthetic procedures and analytical data for the compounds in this study. See http://www.rsc.org/suppdata/dt/b3/b310144d/ . <i>Dalton Transactions</i> , 2003, , 4224.	3.3	21
126	Iron complexes of 3-(pyrazinyl)-1,2,4-triazole ligands. <i>Polyhedron</i> , 2004, 23, 2141-2151.	2.2	21

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127	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
128	Two new 4,4'-disubstituted dipyrazolopyridine derivatives, and the structures and spin states of their iron(II) complexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 4365-4371.	2.4	21
129	Electronic structures of copper(II) complexes of tetradentate hydroquinone-containing Schiff bases. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2087-2096.	1.1	20
130	Iron(II) complexes of (pyrazol-3-yl)pyrazine. Anion-dependent formation of a hydrogen-bonded, chiral nanoporous lattice. <i>Polyhedron</i> , 2003, 22, 725-733.	2.2	20
131	Mononuclear and dinuclear iron thiocyanate and selenocyanate complexes of tris-pyrazolymethane ligands. <i>Polyhedron</i> , 2008, 27, 2569-2576.	2.2	20
132	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
133	Stepwise Spin Transition and Hysteresis of a Tetrameric Iron(II) Complex, $\text{[Tris(2-methylimidazole-4-ylmethylidene)hexylamine]iron(II) Chloride Hexafluorophosphate}$, Assembled by Imidazole- π -Chloride Hydrogen Bonds. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 927-933.	2.0	20
134	A solid-state phase transition at 41 K involving the cooperative ordering of a fluxional pseudo-Jahn-Teller Cull system. <i>Chemical Communications</i> , 1999, , 2245-2246.	4.1	19
135	Stable Mixed-Valent Radicals from Platinum(II) Complexes of a Bis(dioxolene) Ligand. <i>Chemistry - A European Journal</i> , 2014, 20, 6272-6276.	3.3	19
136	Ab Initio Ligand Field Molecular Mechanics and the Nature of Metal-Ligand σ -Bonding in Fe(II) 2,6-di(pyrazol-3-yl)pyridine Spin Crossover Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 5204-5212.	3.3	19
137	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
138	Die Struktur der $[\text{NiFe}]$ -Hydrogenase aus <i>D. gigas</i> und die Art ihres Nickelkomplexes. <i>Angewandte Chemie</i> , 1995, 107, 1307-1310.	2.0	18
139	The effects of distal ligand substitution on the copper(II)/bis-(2,6-dipyrazol-1-ylpyridine) centre. <i>Dalton Transactions RSC</i> , 2001, , 2083-2088.	2.3	18
140	Organometallic macrocyclic chemistry: synthesis of cationic half-sandwich iridium(I) complexes of 1,4,7-trithiacyclononane ($[\text{9}]_{\text{aneS3}}$). Crystal structures of $[\text{Ir}(\text{9})_{\text{aneS3}}(\text{C}_2\text{H}_4)_2]\text{PF}_6$, $[\text{Ir}(\text{9})_{\text{aneS3}}(\text{C}_8\text{H}_{12})]\text{PF}_6$ and $[\text{Ir}(\text{9})_{\text{aneS3}}(\text{C}_4\text{H}_6)]\text{PF}_6 \cdot 0.5\text{Et}_2\text{O}$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1631-1639.	1.1	17
141	Complex chemistry of 2,2,6,6-tetramethyl-4-(2,2',6,6'-terpyridin-4'-yloxy)piperidin-1-oxyl, a spin-labelled terpyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2477-2482.	1.1	17
142	Interpretation of the temperature dependence of the crystal structure of $[\text{CuL}_2][\text{BF}_4]2\text{H}_2\text{O}$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 101-107.	3.3	17
143	Two regioisomers of (pyrid-2-yl)tetrazole which form two-dimensional five- and six-connected nets through hydrogen bonding. <i>CrystEngComm</i> , 2005, 7, 359.	2.6	17
144	Spin-crossover, mesomorphic and thermoelectrical properties of cobalt(scp^{ii}) complexes with alkylated $\text{N}(\text{sub}3)$ -Schiff bases. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2491-2499.	5.5	17

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145	Doping ruthenium complexes into a molecular spin-crossover material. <i>Polyhedron</i> , 2015, 87, 91-97.	2.2	17
146	Silver complexes of bis- and tris-(pyrazolyl)azine derivatives – dimers, coordination polymers and a pentametallic assembly. <i>Dalton Transactions</i> , 2018, 47, 5269-5278.	3.3	17
147	Conformational studies on [16]aneS4. Structures of 1±- and 1²-[16]aneS4 ([16]aneS4 =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 773-779.	1.8	16
148	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> , 1996, , 4055.	1.1	16
149	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
150	New insights into the aggregation of silver pyrazolides using sterically hindered bidentate pyrazole ligands. <i>Chemical Communications</i> , 2011, 47, 5187.	4.1	16
151	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
152	Tautomerism in 3{5}-(dimethoxyphenyl)pyrazoles. <i>Acta Crystallographica Section B: Structural Science</i> , 1996, 52, 746-752.	1.8	15
153	Copper(II) complexes of hydroquinone-containing Schiff bases. Towards a structural model for copper amine oxidases. <i>Dalton Transactions RSC</i> , 2000, , 1559-1565.	2.3	15
154	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
155	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
156	An Incomplete Spin Transition Associated with a $\langle i \rangle Z \langle i \rangle \hat{\epsilon}^2 = 1 \hat{\epsilon}^2 \langle i \rangle Z \langle i \rangle \hat{\epsilon}^2 = 24 \hat{\epsilon}^2 \dots$ Crystallographic Symmetry Breaking. <i>Chemistry - A European Journal</i> , 2018, 24, 5055-5059.	3.3	15
157	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> , 1997, 16, 4257-4264.	2.2	14
158	Structural variations in dicopper(I) double helicate complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 521-524.	1.1	14
159	Syntheses of new hydroxy-[3.3]orthocyclophanes as models for the galactose oxidase Tyr-Cys cofactor. <i>Tetrahedron</i> , 2002, 58, 603-611.	1.9	14
160	The structures and decomposition products of palladium(II) and platinum(II) terpyridine phenoxide complexes. <i>Inorganic Chemistry Communication</i> , 2003, 6, 598-603.	3.9	14
161	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
162	Nickel thioether chemistry: syntheses and crystal structures of [Ni2L2(μ-Cl)2][BF4]2 (L =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 Td (1463-1470.	1.1	13

#	ARTICLE	IF	CITATIONS
163	{Tris[4-(1H-pyrazol-3-yl)-3-azabut-3-enyl]amine}iron(II) diperchlorate monohydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, m177-m179.	0.4	13
164	A crystallographic, EPR and theoretical study of the Jahn–Teller distortion in [CuTp ₂] (Tp [−] = Tj ETQqO O O rgBT /Overlock 10 Tf 50 70	3.3	13
165	A comparison of different methods for fitting susceptibility data of cobalt(II) coordination polymers in a new cobalt(II)/sulfate 1-D chain. New Journal of Chemistry, 2007, 31, 1530.	2.8	13
166	Variable temperature structural and magnetic characterisation of the cubane cluster [Cu ₄ (μ ₃ -OH) ₄ (L) ₄][ClO ₄] ₄ (L = 5-tert-butyl-3-(pyrid-2-yl)-1H-pyrazole). Polyhedron, 2007, 26, 1977-1983.	2.2	13
167	A High Pressure Investigation of the Order-Disorder Phase Transition and Accompanying Spin Crossover in [FeL ₁₂](ClO ₄) ₂ (L ₁ = 2,6-bis{3-methylpyrazol-1-yl}-pyrazine). Magnetochemistry, 2016, 2, 9.	2.4	13
168	Supramolecular assembly and transfer hydrogenation catalysis with ruthenium(II) complexes of 2,6-di(1H-pyrazol-3-yl)pyridine derivatives. Polyhedron, 2016, 103, 79-86.	2.2	13
169	Structural Transformations and Spin–Crossover in [Fe(L) ₂] ²⁺ Salts (L = 4-tert-butylsulfanyl-2,6-di(pyrazol-1-yl)pyridine): The Influence of Bulky Ligand Substituents. Chemistry - A European Journal, 2021, 27, 2082-2092.	3.3	13
170	The flexibility of long chain substituents influences spin-crossover in isomorphous lipid bilayer crystals. Chemical Communications, 2021, 57, 4039-4042.	4.1	13
171	Amine Oxidases and Galactose Oxidase. Sub-Cellular Biochemistry, 2000, 35, 183-231.	2.4	12
172	Heterometallic Coordination Polymer Gels Supported by 2,4,6-Tris(pyrazol-1-yl)-1,3,5-triazine. ACS Omega, 2018, 3, 18466-18474.	3.5	12
173	Synthesis, Characterization, and Molecular Structure of the New S ₂ O Complex Mo(S ₂ O)(S ₂ CNEt ₂) ₃ . Inorganic Chemistry, 1994, 33, 3639-3644.	4.0	11
174	Study of the coordination behaviour of (3,5-diphenyl-1H-pyrazol-1-yl)ethanol against Pd(II), Zn(II) and Cu(II). Inorganica Chimica Acta, 2011, 373, 211-218.	2.4	11
175	Platinum(II) complexes of mixed-valent radicals derived from cyclotricatechylene, a macrocyclic tris-dioxolene. Chemical Science, 2015, 6, 6935-6948.	7.4	11
176	Structure: function relationships for thermal and light-induced spin-crossover in isomorphous molecular materials. Journal of Materials Chemistry C, 2020, 8, 8420-8429.	5.5	11
177	Bis{2,6-bis[3-(2,4,6-trimethylphenyl)pyrazol-1-yl]-N ₂]pyridine-N ₂ }zinc(II) diperchlorate bis(nitromethane) solvate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1425-1426.	0.4	10
178	Copper(II) complexes of 2,6-bis(3-tert-butylpyrazol-1-yl)pyridine. Dalton Transactions RSC, 2002, , 1625-1630.	2.3	10
179	An unexpected destabilisation of copper(II) phenoxyl radical species by steric protection. Inorganica Chimica Acta, 2005, 358, 1337-1341.	2.4	10
180	Exploring the reactivity of an N-pyrazole, P-phosphine hybrid ligand with Cu(I), Ag(I) and Au(I) precursors. Journal of Organometallic Chemistry, 2011, 696, 2736-2741.	1.8	10

#	ARTICLE	IF	CITATIONS
181	Six new crystalline clathrates of cyclotricatechylene (CTC) including two donor–acceptor complexes. <i>Supramolecular Chemistry</i> , 2012, 24, 2-13.	1.2	10
182	Four new spin-crossover salts of [Fe(3-bpp) ₂] ²⁺ (3-bpp=2,6-bis[1H-pyrazol-3-yl]pyridine). <i>Polyhedron</i> , 2013, 52, 1449-1456.	2.2	10
183	Insight into Structure: Function Relationships in a Molecular Spin–Crossover Crystal, from a Related Weakly Cooperative Compound. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4250-4253.	2.0	10
184	One–Pot Synthesis of Highly Emissive Dipyridinium Dihydrohelicenes. <i>Chemistry - A European Journal</i> , 2015, 21, 7035-7038.	3.3	10
185	An intramolecular π – π interaction has no effect on the lifetime of an aryl radical cation. <i>Chemical Communications</i> , 2000, , 1947-1948.	4.1	9
186	Monocopper Oxygenases. , 2003, , 395-436.		9
187	An Unusual Zinc-Promoted Decomposition of a Bis(2-{pyrid-2-yl}ethyl)amine Derivative. <i>Inorganic Chemistry</i> , 2005, 44, 4136-4138.	4.0	9
188	A crystalline hydrogen-bonded network with a poly-catenate topology. <i>Chemical Communications</i> , 2008, , 5200.	4.1	9
189	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
190	Influence of ligand substituent conformation on the spin state of an iron($\langle \text{scp} \rangle$)/di(pyrazol-1-yl)pyridine complex. <i>Dalton Transactions</i> , 2021, 50, 3464-3467.	3.3	9
191	Synthesis of cationic half-sandwich rhodium(I) complexes of 1,4,7-trithiacyclononane ([9]aneS ₃). The single-crystal structures of [Rh([9]aneS ₃)(C ₂ H ₄) ₂]PF ₆ , [Rh([9]aneS ₃)(C ₈ H ₁₂)]BF ₄ and [Rh([9]aneS ₃)(C ₄ H ₆)]PF ₆ ·0.25OEt ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2197-2208.	1.1	8
192	The effect of different ligand substituents on the chemistry of a zinc–pyrazole anion host. <i>New Journal of Chemistry</i> , 2010, 34, 52-60.	2.8	8
193	A bis(disulfide)-linked offset cryptophane. <i>Chemical Communications</i> , 2013, 49, 1512.	4.1	8
194	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
195	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
196	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, 6319-30.	4.0	8
197	[Rh([9]aneS ₃)(CO)(PPh ₃)] ⁺ .PF ₆ [–] . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 85-87.	0.4	7
198	Syntheses, structures and electrochemistry of [Zn(L ₁) ₂](BF ₄)·2H ₂ O and [Zn(L ₁)(TpR)]BF ₄ (L ₁ =1-{pyrid-2-yl}-3-{2,5-dimethoxyphenyl}pyrazole; [TpR] [–] =tris-{3-arylpyrazolyl}borate). <i>Polyhedron</i> , 2000, 19, 109-114.	2.2	7

#	ARTICLE	IF	CITATIONS
199	Iron(II) complexes of new hexadentate 1,1,1-tris(iminomethyl)ethane podands, and their 7-methyl-1,3,5-triazaadamantane rearrangement products. Dalton Transactions, 2012, 41, 3731.	3.3	7
200	Complex thermal expansion properties in a molecular honeycomb lattice. Chemical Communications, 2014, 50, 7601.	4.1	7
201	Spin-crossover and the LIESST effect in [Fe Co1â€²(bpp)2][BF4]2 (1.00 â€œâ€œ 0.77). Comparison with bifunctional solid solutions of iron and cobalt spin-crossover centers. Polyhedron, 2017, 136, 5-12.	2.2	7
202	Synthesis and study of CuII complex with nitroxide, a jumping crystal analog. Russian Chemical Bulletin, 2017, 66, 222-230.	1.5	7
203	Cofactor processing in galactose oxidase. Biochemical Society Symposia, 2004, 71, 15-25.	2.7	7
204	Role of bifunctional N/S bridging in the association of metals; syntheses and structures of L = Transactions, 1996, , 3793-3797.	1.1	6
205	Two complexes of CuBr2 with 5-tert-butylpyrazole. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1253-1255.	0.4	6
206	Bis[1/4-3{5}-(2-pyridyl)pyrazolido]bis[(acetonitrile)copper(II)] diperchlorate. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, m445-m446.	0.4	6
207	An unusual example of a linearly coordinated acetone ligand in a six-coordinate iron(II) complex. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m437-m439.	0.4	6
208	Interplay between Dopant Species and a Spin-Crossover Host Lattice during Light-Induced Excited-Spin-State Trapping Probed by Electron Paramagnetic Resonance Spectroscopy. Inorganic Chemistry, 2018, 57, 8709-8713.	4.0	6
209	Heteroleptic iron(II) complexes of chiral 2,6-bis(oxazolin-2-yl)-pyridine (PyBox) and 2,6-bis(thiazolin-2-yl)pyridine ligands â€œ the interplay of two different ligands on the metal ion spin state. Dalton Transactions, 2022, 51, 4262-4274.	3.3	6
210	Syntheses, structures and magnetism of homoleptic complexes of 4-{pyrid-4-yloxy}-2,2,6,6-tetramethyl-1-piperidinoxyl, a new spin-labelled pyridine. Journal of Organometallic Chemistry, 1999, 573, 171-179.	1.8	5
211	[2,6-Bis(3,5-dimethylpyrazol-1-ylmethyl)pyridine]iodocopper(I) dichloromethane solvate. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, m424-m426.	0.4	5
212	Hexa-1/4-chloro-1/4-4-oxo-tetrakis{[5-(2,4,6-trimethylphenyl)pyrazole-1â€²N2]copper(II)}. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m100-m102.	0.4	5
213	Hexasulfanyl analogues of cyclotriveratylene. Tetrahedron Letters, 2014, 55, 2530-2533.	1.4	5
214	The speciation of homochiral and heterochiral diastereomers of homoleptic cobalt(II) and zinc(II) PyBox complexes. Polyhedron, 2018, 149, 134-141.	2.2	5
215	Molecular squares, coordination polymers and mononuclear complexes supported by 2,4-dipyrazolyl-6H-1,3,5-triazine and 4,6-dipyrazolylpyrimidine ligands. Dalton Transactions, 2019, 48, 17310-17320.	3.3	5
216	Iron and Silver Complexes of 4â€œ(Imidazolâ€œ1â€œyl)â€œ2,6â€œdi(pyrazolâ€œ1â€œyl)â€œpyridine (<i>L</i>), Including a [Fe₃](â€œF)â€œ2₂F₆<i>L</i>₈]⁺ Assembly. European Journal of Inorganic Chemistry, 2020, 2020, 4334-4340.	2.0	5

#	ARTICLE	IF	CITATIONS
217	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
218	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
219	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
220	Bis[N,N'-bis(2,4,6-trimethylphenyl)-1,2-ethanediylidenediamine]copper(I) tetrafluoroborate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 319-320.	0.4	4
221	Dissecting an enzyme? model compounds for the galactose oxidase radical site. <i>Heteroatom Chemistry</i> , 2002, 13, 494-500.	0.7	4
222	Tetrakis(5-tert-butylpyrazole-1-yl)nitrogen tetrachloro-2,2,3,3-tetrachloro-4-oxo-1,2-dioxo-iron(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m290-m291.	0.4	4
223	A Trinuclear Iron(III) Compound with an Unusual T-Shaped [Fe ₃ (μ ₃ -O)] ⁷⁺ Core. <i>Journal of Cluster Science</i> , 2010, 21, 279-290.	3.3	4
224	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
225	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
226	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
227	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
228	Chapter 17. The Noble Metals. <i>Annual Reports on the Progress of Chemistry Section A</i> , 1998, 94, 255.	0.8	3
229	2,6-Bis-(3-trifluoromethylpyrazol-1-yl)pyridine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 213-214.	0.4	3
230	Bis[tris(3-cyclohexylpyrazol-1-yl)hydridoborato]copper(II) dichloromethane disolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 711-713.	0.4	3
231	Di-μ ₃ -hydroxo-bis({bis[2-(2-pyridyl)ethyl]amine-μ ₃ N})copper(II) dichloride hexahydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, m1-m3.	0.4	3
232	Mononuclear and unsymmetric dinuclear complexes of the tripodal ligand 2-hydroxyethyl-bis(2-{pyrid-2-yl}ethyl)amine. <i>Inorganica Chimica Acta</i> , 2007, 360, 4025-4030.	2.4	3
233	Structures and spin states of crystalline [Fe(NCS) ₂ L ₂] and [FeL ₃] ²⁺ complexes (L = an annelated 1,10-phenanthroline derivative). <i>CrystEngComm</i> , 2016, 18, 2570-2578.	2.6	3
234	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

#	ARTICLE	IF	CITATIONS
235	Tri-1/4-chloro-bis(1,4,7-trithiacyclononane)nickel(II) tetrafluoroborate acetonitrile solvate. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 1844-1846.	0.4	2
236	Chapter 17. The noble metals. Annual Reports on the Progress of Chemistry Section A, 1996, 93, 241.	0.8	2
237	1-(Dibromomethyl)-4-methoxy-2-methylbenzene. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 317-318.	0.4	2
238	Bis[2-(pyrazol-3-yl)phenolato- η^2 N ₂ O]copper(II) dimethanol solvate. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, m10-m11.	0.4	2
239	Bis{2,6-bis[3-(2,4,6-trimethylphenyl)pyrazol-1-yl- η^2 N ₂]pyridine- η^1 N}cobalt(II) dinitrate at 290 and 150 K. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m61-m63.	0.4	2
240	Iron/2,6-di(pyrazol-1-yl)pyridine Complexes with a Discotic Pattern of Alkyl or Alkynyl Substituents. European Journal of Inorganic Chemistry, 2021, 2021, 2999-3007.	2.0	2
241	Chapter 17. The Noble Metals. Annual Reports on the Progress of Chemistry Section A, 1997, 93, 241.	0.8	1
242	4- ϵ^2 -Vinyl-2,2- ϵ^2 :6- ϵ^2 ,2- ϵ^2 -terpyridine. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1142-1143.	0.4	1
243	3,4-(4-Methoxybenzo):8,9-benzobicyclo[4.4.1]undeca-3,8-dien-11-one ethylene acetal. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o218-o219.	0.4	1
244	(η^2 -Tetracyanoethene)bis(triphenylphosphine- η^1 P)palladium- μ -dichloromethane (1/0.7). Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m136-m138.	0.4	1
245	2-[Bis(pyrazol-1-yl)methyl]-4-tert-butyl-6-(phenylsulfanyl)phenol. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o294-o296.	0.4	1
246	Zwitterionic 2-(4-pyridyl)malondialdehyde sesquihydrate forms a helical, 3-D hydrogen-bonded lattice. CrystEngComm, 2007, 9, 361.	2.6	1
247	Highly porous hydrogen-bond networks from a triptycene-based catechol. CrystEngComm, 2016, 18, 4695-4698.	2.6	1
248	Crystal structure of (1,4,7-trithiacyclononane)- (1,2-bis(di phenylphosphino)ethane)nickel(II)bis-(tetrafluoroborate), C ₃₂ H ₃₆ NiP ₂ S ₃ (BF ₄) ₂ (H ₂ O) _{0.4} . Zeitschrift Fur Kristallographie - Crystalline Materials, 1993, 205, 295-299.	0.8	0
249	Interpreting and Controlling the Structures of Six-Coordinate Copper(II) Centers: When Is a Compression Really a Compression?. ChemInform, 2004, 35, no.	0.0	0
250	2-[5-(2,2-Dimethylpropanamido)-1H-pyrazol-3-yl]pyridinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2933-o2933.	0.2	0
251	3-(1H-Pyrrol-2-yl)-1H-pyrazole forms an unusual hydrogen-bonded two-dimensional (3,4)-connected net. Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o506-o508.	0.4	0
252	Frontispiece: An Incomplete Spin Transition Associated with a Z \rightarrow Z' \rightarrow Z...Crystallographic Symmetry Breaking. Chemistry - A European Journal, 2018, 24, .	3.3	0

#	ARTICLE	IF	CITATIONS
253	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
254	Bis[N,Nâ€²-bis(2,4,6-trimethylphenyl)-1,2-ethanediylidenediamine]copper(I) tetrafluoroborate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 319-320.	0.4	0