Sally Brooker

List of Publications by Year in descending order

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229 papers	9,505 citations	44069 48 h-index	51608 86 g-index
258 all docs	258 docs citations	258 times ranked	6748 citing authors

#	Article	IF	Citations
1	Review of purely 4f and mixed-metal nd-4f single-molecule magnets containing only one lanthanide ion. Coordination Chemistry Reviews, 2014, 276, 1-33.	18.8	512
2	Spin crossover with thermal hysteresis: practicalities and lessons learnt. Chemical Society Reviews, 2015, 44, 2880-2892.	38.1	455
3	The coordination chemistry of 4-substituted 3,5-di(2-pyridyl)-4H-1,2,4-triazoles and related ligands. Coordination Chemistry Reviews, 2003, 241, 119-132.	18.8	353
4	Spin crossover active iron(II) complexes of selected pyrazole-pyridine/pyrazine ligands. Coordination Chemistry Reviews, 2011, 255, 203-240.	18.8	258
5	Cobalt(II) complexes of pyridazine or triazole containing ligands: spin-state control. Coordination Chemistry Reviews, 2003, 245, 17-29.	18.8	252
6	Spin crossover in discrete polynuclear iron(<scp>ii</scp>) complexes. Chemical Society Reviews, 2018, 47, 7303-7338.	38.1	228
7	A Nonâ€sandwiched Macrocyclic Monolanthanide Singleâ€Molecule Magnet: The Key Role of Axiality. Chemistry - A European Journal, 2011, 17, 4362-4365.	3.3	227
8	Ligand field strengths and oxidation states from manganese L-edge spectroscopy. Journal of the American Chemical Society, 1991, 113, 7937-7940.	13.7	202
9	Spin crossover in iron(II) complexes of 3,5-di(2-pyridyl)-1,2,4-triazoles and 3,5-di(2-pyridyl)-1,2,4-triazolates. Coordination Chemistry Reviews, 2008, 252, 2072-2092.	18.8	188
10	Complexes of thiophenolate-containing Schiff-base macrocycles and their amine analogues. Coordination Chemistry Reviews, 2001, 222, 33-56.	18.8	185
11	A toolbox of building blocks, linkers and crystallisation methods used to generate single-chain magnets. Coordination Chemistry Reviews, 2015, 296, 24-44.	18.8	151
12	Reversible Switching of a Cobalt Complex by Thermal, Pressure, and Electrochemical Stimuli: Abrupt, Complete, Hysteretic Spin Crossover. Journal of the American Chemical Society, 2012, 134, 2892-2894.	13.7	147
13	Nickel L-Edge Soft X-ray Spectroscopy of Nickelâ"Iron Hydrogenases and Model CompoundsEvidence for High-Spin Nickel(II) in the Active Enzyme. Journal of the American Chemical Society, 2000, 122, 10544-10552.	13.7	140
14	The first X-ray crystal structure determination of a dinuclear complex trapped in the [low spinâ€"high spin] state: [FeII2(PMAT)2](BF4)4Â·DMF. Chemical Communications, 2005, , 987-989.	4.1	138
15	Dizinc Lactide Polymerization Catalysts: Hyperactivity by Control of Ligand Conformation and Metallic Cooperativity. Angewandte Chemie - International Edition, 2016, 55, 8680-8685.	13.8	123
16	Remarkable Scan Rate Dependence for a Highly Constrained Dinuclear Iron(II) Spin Crossover Complex with a Wide Thermal Hysteresis Loop. Journal of the American Chemical Society, 2014, 136, 878-881.	13.7	118
17	FromN-Substituted Thioamides to Symmetrical and Unsymmetrical 3,4,5-Trisubstituted 4H-1,2,4-Triazoles: Synthesis and Characterisation of New Chelating Ligands. European Journal of Organic Chemistry, 2004, 2004, 3422-3434.	2.4	117
18	Synthesis, structure, and reactivity of the first stable diaryllead(II) compound. Organometallics, 1991, 10, 25-26.	2.3	109

#	Article	IF	Citations
19	Nano-magnetic materials: spin crossover compounds vs. single molecule magnets vs. single chain magnets. Dalton Transactions, 2009, , 7331.	3.3	109
20	A Tetranuclear, Macrocyclic 3dâ˜'4f Complex Showing Single-Molecule Magnet Behavior. Inorganic Chemistry, 2011, 50, 4232-4234.	4.0	108
21	[CoII2L(NCS)2(SCN)2]: The First Cobalt Complex to Exhibit Both Exchange Coupling and Spin Crossover Effects. Angewandte Chemie - International Edition, 1999, 38, 408-410.	13.8	102
22	Nonâ€Porous Iron(II)â€Based Sensor: Crystallographic Insights into a Cycle of Colorful Guestâ€Induced Topotactic Transformations. Angewandte Chemie - International Edition, 2016, 55, 15067-15071.	13.8	102
23	Reversible quantitative guest sensing via spin crossover of an iron(<scp>ii</scp>) triazole. Chemical Science, 2016, 7, 2501-2505.	7.4	97
24	Spin crossover in iron(II) complexes of 3,4,5-tri-substituted-1,2,4-triazole (Rdpt), 3,5-di-substituted-1,2,4-triazolate (dpt â˜'), and related ligands. Coordination Chemistry Reviews, 2017, 344, 26-53.	18.8	92
25	Some Copper and Cobalt Complexes of Schiff-Base Macrocycles Containing Pyridazine Head Units. European Journal of Inorganic Chemistry, 2002, 2002, 2535-2547.	2.0	89
26	Mixed Spinâ€State [HSâ€LS] Pairs in a Dinuclear Spinâ€Transition Complex: Confirmation by Variableâ€Temperature ⁵⁷Fe MÃ¶ssbauer Spectroscopy. Angewandte Chemie - International Edition, 2008, 47, 2997-2999.	13.8	86
27	Spin crossover with thermal hysteresis in cobalt(ii) complexes and the importance of scan rate. New Journal of Chemistry, 2014, 38, 1932.	2.8	82
28	A family of 13 tetranuclear zinc(ii)-lanthanide(iii) complexes of a [3 + 3] Schiff-base macrocycle derived from 1,4-diformyl-2,3-dihydroxybenzene. Dalton Transactions, 2011, 40, 11425.	3.3	76
29	Guest Binding Subtly Influences Spin Crossover in an Fe^{II}₄L₄ Capsule. Chemistry - A European Journal, 2013, 19, 8058-8062.	3.3	72
30	By Design: A Macrocyclic 3dâ€“4f Single-Molecule Magnet with Quantifiable Zero-Field Slow Relaxation of Magnetization. Inorganic Chemistry, 2013, 52, 3236-3240.	4.0	69
31	A Simple Method of Predicting Spin State in Solution. Journal of the American Chemical Society, 2017, 139, 18392-18396.	13.7	68
32	First Complexes of a 4-Alkyl-3,5-di(2-pyridyl)-4H-1,2,4-triazole: Synthesis,X-ray Crystal Structures and Magnetic Properties of Dinuclear Cobalt(II), Nickel(II) and Copper(II) Complexes of 4-Isobutyl-3,5-di(2-pyridyl)-4H-1,2,4-triazole. European Journal of Inorganic Chemistry, 2005, 2005, 910-918.	2.0	65
33	Room-temperature spin crossover and Langmuirâ€“Blodgett film formation of an iron(ii) triazole complex featuring a long alkyl chain substituent: the tail that wags the dog. Chemical Communications, 2010, 46, 6464.	4.1	65
34	Main-group chemistry of the 2,4,6-tris(trifluoromethyl)phenyl substituent: x-ray crystal structures of [2,4,6-(CF3)3C6H2]2Zn, [2,4,6-(CF3)3C6H2]2Cd(MeCN) and [2,4,6-(CF3)3C6H3]2Hg. Organometallics, 1992, 11, 192-195.	2.3	63
35	Iron(II) Tris-[N⁴-substituted-3,5-di(2-pyridyl)-1,2,4-triazole] Complexes: Structural, Magnetic, NMR, and Density Functional Theory Studies. Inorganic Chemistry, 2009, 48, 6670-6679.	4.0	58
36	Effect of Counteranion X on the Spin Crossover Properties of a Family of Diiron(II) Triazole Complexes [Fe^{II}₂(PMAT)₂](X)₄. Inorganic Chemistry, 2011, 50, 4586-4597.	4.0	58

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37	Integrated X-ray L Absorption Spectra. Counting Holes in Ni Complexes. Journal of Physical Chemistry B, 1998, 102, 8343-8346.	2.6	56
38	Synthesis and Magnetic Properties of a New Family of Macrocyclic MII3LnIII Complexes: Insights into the Effect of Subtle Chemical Modification on Single-Molecule Magnet Behavior. Inorganic Chemistry, 2012, 51, 10603-10612.	4.0	56
39	Coordination Algorithms Control Molecular Architecture:[CuI4(L2)4]4+ Grid Complex Versus[MII2(L2)2X4]y+ Side-By-Side Complexes (M=Mn, Co, Ni, Zn; X=Solvent or Anion) and[FeII(L2)3][Cl3FeIIIOFeIIICl3]. Chemistry - A European Journal, 2003, 9, 3772-3784.	3.3	55
40	Formation of a (4 + 4) Schiff-base macrocyclic ligand by a template rearrangement. Crystal and molecular structures of two tetranuclear manganese(II) complexes. Journal of the Chemical Society Dalton Transactions, 1987, , 2555.	1.1	54
41	Exchange-coupled high-spin, low-spin and spin-crossover dicobalt(ii) complexes of a pyridazine-containing Schiff-base macrocycle: control of cobalt(ii) spin state by choice of axial ligands. Dalton Transactions RSC, 2002, , 2080-2087.	2.3	54
42	Synthesis and Some First-Row Transition-Metal Complexes of the 1,2,4-Triazole-Based Bis(terdentate) Ligands TsPMAT and PMAT. Chemistry - A European Journal, 2005, 11, 6962-6973.	3.3	54
43	Diiminophosphinate des Lithiums, Samariums und Ytterbiums: MolekuÂ¨lstrukturen von Li[Ph2P(NSiMe3)2](THF)2 und [Ph2P(NSiMe3)2]2Sm(Î¼-I)2Li(THF)2. Journal of Organometallic Chemistry, 1991, 414, 327-335.	1.8	53
44	Spin Crossover in Dinuclear N₄S₂ Iron(II) Thioetherâ€“Triazole Complexes: Access to [HS-HS], [HS-LS], and [LS-LS] States. Inorganic Chemistry, 2016, 55, 4152-4165.	4.0	53
45	A Grid Complex [CuL2]4+ and a Mixed-Valent Complex [CuIICuIL(MeCN)2]3+ of the Pyridazine-Containing Macrocycle L. Angewandte Chemie - International Edition, 2000, 39, 1968-1970.	13.8	52
46	Doubly pyridazine-bridged macrocyclic complexes of copper in +1, +2 and mixed valent oxidation states. Coordination Chemistry Reviews, 2001, 216-217, 3-30.	18.8	52
47	POTENTIAL APPLICATIONS FOR THE USE OF LANTHANIDE COMPLEXES AS LUMINESCENT BIOLABELS. Advances in Inorganic Chemistry, 2004, , 361-432.	1.0	50
48	A Mitochondria-Targeted Macrocyclic Mn(II) Superoxide Dismutase Mimetic. Chemistry and Biology, 2012, 19, 1237-1246.	6.0	50
49	Synthesis and Molecular Structure of the Solventâ€Free [LiN(SiMe₃)(2,6iPr₂C₆H₃)]₂ Dimer. Chemische Berichte, 1991, 124, 2223-2225.	0.2	47
50	Control of molecular architecture by the degree of deprotonation: self-assembled di- and tetranuclear copper(ii) complexes of N,Nâ€²-bis(2-pyridylmethyl)pyrazine-2,3-dicarboxamide. Chemical Communications, 2003, , 2992-2993.	4.1	47
51	Ligands and polymetallic complexes derived from 1,4-diformyl-2,3-dihydroxybenzene and two close analogues. Coordination Chemistry Reviews, 2009, 253, 1458-1475.	18.8	47
52	Di-, tetra- and hexanuclear iron(III), manganese(II/III) and copper(II) complexes of Schiff-base ligands derived from 6-substituted-2-formylphenols. Dalton Transactions, 2009, , 1721.	3.3	47
53	Metal-Free and Dicopper(II) Complexes of Schiff Base [2 + 2] Macrocycles Derived from 2,2â€²-Iminobisbenzaldehyde: Syntheses, Structures, and Electrochemistry. Inorganic Chemistry, 2011, 50, 3697-3706.	4.0	47
54	Comparison of the X-ray crystal structures of the sodium and potassium 2,4,6-tris(trifluoromethyl)phenoxides (ROâ€“) and 2,4,6-tris(trifluoromethyl)benzenethiolates (RSâ€“); [Na(OR)(thf)2]2, [K(OR)(thf)2(Âµ-thf)]2, [Na(SR)(thf)2Â·0.25thf]xand [K(SR)(thf)]x(thf = tetrahydrofuran). Journal of the Chemical Society Chemical Communications, 1991, , 144-146.	2.0	46

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55	Dicopper(ii) complexes of a new pyrazolate-containing Schiff-base macrocycle and related acyclic ligand. Dalton Transactions, 2007, , 467-475.	3.3	45
56	Synthesis and structure of dilead(II) and dimanganese(II) complexes of macrocycles derived from 3,6-diformylpyridazine. Journal of the Chemical Society Dalton Transactions, 1996, , 2117.	1.1	44
57	Controlled synthesis and reversible oxidation of a thiolate-bridged macrocyclic dinickel(II) complex. Journal of the Chemical Society Dalton Transactions, 1996, , 3031.	1.1	44
58	Monomeric, trimeric and polymeric assemblies of dicopper(ii) complexes of a triazolate-containing Schiff-base macrocycle. Dalton Transactions, 2003, , 3071-3081.	3.3	44
59	Design of One-Dimensional Coordination Networks from a Macrocyclic {3d-4f} Single-Molecule Magnet Precursor Linked by [W(CN)₈]^{3â€“} Anions. Inorganic Chemistry, 2013, 52, 13685-13691.	4.0	43
60	â€œTailâ€•Tuning of Iron(II) Spin Crossover Temperature by 100 K. Inorganic Chemistry, 2015, 54, 2902-2909.	4.0	42
61	Probing the Dinucleating Behaviour of a Bis-Bidentate Ligand: Synthesis and Characterisation of Some Di- and Mononuclear Cobalt(II), Nickel(II), Copper(II) and Zinc(II) Complexes of 3,5-Di(2-pyridyl)-4-(1H-pyrrol-1-yl)-4H-1,2,4-triazole. European Journal of Inorganic Chemistry, 2006, 2006, 573-589.	2.0	41
62	A [2 Ã— 2] nickel(ii) grid and a copper(ii) square result from differing binding modes of a pyrazine-based diamide ligand. Dalton Transactions, 2007, , 633-645.	3.3	41
63	A Structural Investigation of Anion-Triazole Interactions: Observation of â€œÏ€-Pocketsâ€•and â€œÏ€-Sandwichesâ€• European Journal of Inorganic Chemistry, 2009, 2009, 1172-1180.	2.0	41
64	Effect of N⁴-Substituent Choice on Spin Crossover in Dinuclear Iron(II) Complexes of Bis-Terdentate 1,2,4-Triazole-Based Ligands. Inorganic Chemistry, 2013, 52, 11185-11199.	4.0	39
65	Solid Versus Solution Spin Crossover and the Importance of theâ€¯â€¯â€¯â€¯â€¯â€¯â€¯ Feâ€“Nâ‰¡C(X) Angle. Inorganic Chemistry, 2017, 56, 13697-13708.	4.0	39
66	A Smorgasbord of 17 Cobalt Complexes Active for Photocatalytic Hydrogen Evolution. Chemistry - A European Journal, 2018, 24, 9820-9832.	3.3	39
67	First macrocycle to incorporate phenol and thiophenol head units: the X-ray crystal structure of [Ni2L(MeCN)2](ClO4)2 reveals bridged square-planar and octahedral nickel(II) ions. Journal of the Chemical Society Chemical Communications, 1995, , 2075.	2.0	38
68	High and Low Spin Mononuclear and Dinuclear Iron(II) Complexes of 4-Amino and 4-Pyrrolyl-3,5-di(2-pyridyl)-4H-1,2,4-triazoles. Inorganic Chemistry, 2008, 47, 9450-9458.	4.0	38
69	Di- and Tetra-Nuclear Copper(II), Nickel(II), and Cobalt(II) Complexes of Four Bis-Tetradentate Triazole-Based Ligands: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 5058-5069.	4.0	38
70	Conversion of some substituted phenols to the corresponding masked thiophenols, synthesis of a dinickel(II) dithiolate macrocyclic complex and isolation of some metal- and ligand-based oxidation products. Dalton Transactions RSC, 2000, , 3113-3121.	2.3	37
71	Control of molecular architecture by use of the appropriate ligand isomer: a mononuclear â€œcorner-typeâ€•versus a tetranuclear [2 Ã— 2] grid-type cobalt(iii) complex. Chemical Communications, 2004, , 1530-1531.	4.1	37
72	Factors Influencing Tetranuclear [2 Ã— 2] Grid vs Dinuclear Side-by-Side Structures for Silver(I) Complexes of Pyridazine-Based Bis-Bidentate Ligands. Inorganic Chemistry, 2008, 47, 10729-10738.	4.0	37

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73	Tetra- and pentamanganese(II) macrocyclic complexes with bridging carboxylate groups: product control by pretreatment of manganese acetate solutions. Inorganica Chimica Acta, 1996, 246, 171-179.	2.4	35
74	Effect of pressure and light on the spin transition behavior of the dinuclear iron(II) compound [FeII2(PMAT)2](BF4)4â‹…DMF. Applied Physics Letters, 2008, 92, .	3.3	35
75	Cobalt and Silver Complexes of Terdentate Pyrazine-Based Amide Ligands and Assembly of Monocobalt Building Blocks through a Silver Connector. European Journal of Inorganic Chemistry, 2009, 2009, 1162-1171.	2.0	35
76	Spin Crossover, Reversible Redox, and Supramolecular Interactions in 3d Complexes of 4-(4-Pyridyl)-2,5-dipyrazyl-pyridine. Inorganic Chemistry, 2015, 54, 5398-5409.	4.0	35
77	First example of thiolate-bridged square-pyramidal and octahedral nickel(ii) ions: [Ni2(LSO)(NCS)2(dmf)]. Chemical Communications, 1997, , 459-460.	4.1	34
78	Synthesis and characterisation of a series of mononuclear ruthenium(II) carbonyl complexes of heterocycle-based asymmetric bidentate ligands. Inorganica Chimica Acta, 2006, 359, 736-744.	2.4	33
79	Synthesis and Structures of 3,5-disubstituted 1,2,4-triazole Head Units and Incorporation of 3,5-dibenzoyl-1,2,4-triazolate into New [2Â+Â2] Schiff-Base Macrocyclic Complexes. Supramolecular Chemistry, 2007, 19, 17-27.	1.2	33
80	Macrocyclic Dizinc(II) Alkyl and Alkoxide Complexes: Reversible CO2 Uptake and Polymerization Catalysis Testing. Inorganic Chemistry, 2015, 54, 11842-11851.	4.0	33
81	Improved Access to 1,8-Diformyl-carbazoles Leads to Metal-Free Carbazole-Based [2 + 2] Schiff Base Macrocycles with Strong Turn-On Fluorescence Sensing of Zinc(II) Ions. Inorganic Chemistry, 2018, 57, 2480-2488.	4.0	33
82	Dinuclear Copper(II) Complexes of Two Homologous Pyrazine-Based Bis(terdentate) Diamide Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 1530-1541.	2.0	32
83	Control of molecular architecture by steric and electronic factors: dinuclear side-by-side vs. tetranuclear [2 Ã— 2] grid-type silver(i) complexes. Dalton Transactions, 2006, , 1491.	3.3	32
84	Spin crossover in co-crystallised 2 âˆ¶ 1 cisâˆ¶trans [FeII(pldpt)2(NCS)2] occurs only in â…“ of the iron centres. Chemical Communications, 2010, 46, 3200.	4.1	32
85	Understanding the Forces That Govern Packing: A Density Functional Theory and Structural Investigation of Anionâˆ¯Ï€â€“Anion and Nonclassical Câ€“HÂ·Â·Â·Anion Interactions. Inorganic Chemistry, 2012, 51, 10334-10340.	4.0	32
86	Hysteretic spin crossover in iron(<scp>ii</scp>) complexes of a new pyridineâ€“triazoleâ€“pyrazine ligand is tuned by choice of NCE co-ligand. Chemical Communications, 2014, 50, 1435-1437.	4.1	32
87	A pyridazine Schiff-base macrocycle hosts a dicobalt centre in five different redox states: evidence for a mixed valent CoICoII species. Chemical Communications, 1998, , 1079-1080.	4.1	31
88	Controlled Thiolate Coordination and Redox Chemistry: Synthesis, Structure, Axial-Binding, and Electrochemistry of Dinickel(II) Dithiolate Macrocyclic Complexes. European Journal of Inorganic Chemistry, 2000, 2000, 169-179.	2.0	31
89	Synthesis of mononuclear and dinuclear ruthenium(ii) tris(heteroleptic) complexes via photosubstitution in bis(carbonyl) precursors. Dalton Transactions, 2006, , 51-57.	3.3	31
90	Solvent Polarity Predictably Tunes Spin Crossover T_{1/2} in Isomeric Iron(II) Pyrimidine Triazoles. Inorganic Chemistry, 2018, 57, 6266-6282.	4.0	31

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91	Organolanthanid(II)-Chemie: Synthese und Struktur von [Cp2*Sm(Î¼-OC)2FeCp*]2. Chemische Berichte, 1991, 124, 1373-1375.	0.2	30
92	Dicobalt(ii) complexes of a triazolate-containing Schiff-base macrocycle: synthesis, structure and magnetism. Dalton Transactions, 2003, , 1308-1313.	3.3	30
93	Redox-Adaptable Copper Hosts. Pyridazine-Linked Cryptands Accommodate Copper in a Range of Redox States. Inorganic Chemistry, 2003, 42, 2764-2773.	4.0	30
94	Hexa-, hepta- and dodeca-nuclear nickel(II) complexes of three Schiff-base ligands derived from 1,4-diformyl-2,3-dihydroxybenzene. Dalton Transactions, 2009, , 2965.	3.3	30
95	Macrocyclic tetramanganese(II) complexes with alkoxy and chloro or azido bridges; X-ray crystal structures of [Mn2(HL)(Cl)2]2(ClO4)2Â·2dmfÂ·H2O and [Mn2(HL)(N3)2]2(ClO4)2Â·3MeCN (H2L =) Tj ETQq1 1 0.784314 rgBT /Ove Journal of the Chemical Society Chemical Communications, 1989, , 619-620.	2.0	29
96	First dicopper(II) complex to contain bridging macrocyclic pyridazine units: structure, electrochemistry and magnetochemistry of [Cu2L(MeCN)2(ClO4)2][ClO4]2. Chemical Communications, 1996, , 2579.	4.1	29
97	Selective Gas Adsorption in a Pair of Robust Isostructural MOFs Differing in Framework Charge and Anion Loading. Inorganic Chemistry, 2014, 53, 12076-12083.	4.0	29
98	Total syntheses of the angucyclinone antibiotics (+)-emycin A and (+)-ochromycinone. Chemical Communications, 1996, , 203.	4.1	28
99	First of a new family of tetraamine bis(Î¼-thiolate)-containing macrocycles: structure and stepwise oxidations and reductions of the dinickel(ii) complex. Chemical Communications, 1998, , 2131-2132.	4.1	28
100	Dicopper(II) and dinickel(II) complexes of Schiff-base macrocycles derived from 5,5-dimethyl-1,9-diformyldipyrromethane. Inorganica Chimica Acta, 2004, 357, 3360-3368.	2.4	28
101	Pyridazine-bridged copper(i) complexes of bis-bidentate ligands: tetranuclear [2 ? 2] grid versus dinuclear side-by-side architectures as a function of ligand substituents. Dalton Transactions, 2007, , 1807.	3.3	27
102	Monomeric, dimeric and 1D chain polymeric copper(ii) complexes of a pyrrole-containing tridentate Schiff-base ligand and its 4-brominated analogue. Dalton Transactions, 2008, , 6014.	3.3	27
103	Dimetallic complexes of a structurally versatile pyridazine-containing Schiff-base macrocyclic ligand with pendant pyridine arms. Dalton Transactions, 2005, , 2448.	3.3	26
104	A conformationally adaptable host capable of encapsulating single cations or homo and hetero dinuclear assemblies. Inorganica Chimica Acta, 2001, 317, 53-58.	2.4	25
105	A new bis(phenol-armed) pyridazine-containing Schiff base ligand: synthesis, complexation and reduction to the amine ligand analogue. Polyhedron, 2003, 22, 665-671.	2.2	25
106	Towards Langmuirâ€“Blodgett films of magnetically interesting materials: solution equilibria in amphiphilic iron(ii) complexes of a triazole-containing ligand. Dalton Transactions, 2010, 39, 3751.	3.3	25
107	A family of fourteen soluble stable macrocyclic [NiII3Ln^{III}] heterometallic 3dâ€“4f complexes. Inorganic Chemistry Frontiers, 2015, 2, 982-990.	6.0	25
108	Dizinc Lactide Polymerization Catalysts: Hyperactivity by Control of Ligand Conformation and Metallic Cooperativity. Angewandte Chemie, 2016, 128, 8822-8827.	2.0	25

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109	Predictable Substituent Control of CoIII/II Redox Potential and Spin Crossover in Bis(dipyridylpyrrolide)cobalt Complexes. Inorganic Chemistry, 2019, 58, 2218-2228.	4.0	24
110	Dimetallic complexes of acyclic pyridine-armed ligands derived from 3,6-diformylpyridazine. Dalton Transactions, 2004, , 2157-2165.	3.3	23
111	Doubly Pyrazolate-Bridged Dinuclear Complexes of a Highly Constrained Bis-terdentate Ligand: Observation of a [High Spin-Low Spin] State for [Fe^{II}₂(PMAP)₂][SbF₆]₂·2.25(C₃H₈O) (PMAP = 3,5-bis{[N-(2-pyridylmethyl)amino]-methyl}-1H-pyrazolate). Inorganic Chemistry, 2010, 49, 4560-4569.	4.8	23
112	Solvent control: dinuclear versus tetranuclear complexes of a bis-tetradentate pyrimidine-based ligand. Dalton Transactions, 2012, 41, 9708.	3.3	23
113	Six- and seven-co-ordinate manganese(II) complexes of Schiff-base ligands derived from the condensation of 2,6-diacetylpyridine with ethanolamine (L1) or propanolamine (L2); X-ray crystal structures of [MnL1Cl2]·H2O and [{MnL2(NCS)2}x]. Journal of the Chemical Society Dalton Transactions, 1990, , 2397-2401.	1.1	22
114	Trinickel(II) complex of an acyclic thiophenolate ligand: the X-ray crystal structure of [Ni2L2Ni](ClO4)2(H2O) reveals alternating square-planar and octahedral nickel ions. Journal of the Chemical Society Chemical Communications, 1995, , 1493.	2.0	22
115	Synthesis and complexes of an N4 Schiff-base macrocycle derived from 2,2â€²-iminobisbenzaldehyde. Dalton Transactions, 2011, 40, 12277.	3.3	22
116	Syntheses, structures and properties of structurally characterised complexes of imide-based ligands. Coordination Chemistry Reviews, 2012, 256, 2944-2971.	18.8	22
117	Copper-induced Nâ€“N bond cleavage results in an octanuclear expanded-core grid-like complex. Chemical Communications, 2012, 48, 6229.	4.1	22
118	Pressure induced separation of phase-transition-triggered-abrupt vs. gradual components of spin crossover. Dalton Transactions, 2015, 44, 20843-20849.	3.3	22
119	Nonâ€Porous Iron(II)â€Based Sensor: Crystallographic Insights into a Cycle of Colorful Guestâ€Induced Topotactic Transformations. Angewandte Chemie, 2016, 128, 15291-15295.	2.0	22
120	Macrocyclic {3dâ€“4f} SMMs as building blocks for 1D-polymers: selective bridging of 4f ions by use of an O-donor ligand. Dalton Transactions, 2016, 45, 18089-18093.	3.3	22
121	First observation of non-bridging thiolates or tetrahedral geometries within thiolate-containing Schiff-base macrocycles: [Zn2L][CF3SO3]2. Chemical Communications, 1997, , 2007.	4.1	21
122	Copper catalysts for photo- and electro-catalytic hydrogen production. Inorganic Chemistry Frontiers, 2021, 8, 1015-1029.	6.0	21
123	A Facile Synthesis of 2,6-Dideoxy 6,6,6-Trifluorinated Carbohydrate Analogues. Australian Journal of Chemistry, 1998, 51, 545.	0.9	21
124	Synthese und Kristallstrukturen von monomeren bis(thiophenolato)metall(II)-Komplexen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1992, 610, 163-168.	1.2	20
125	Total Synthesis of (+)-Hatomarubigin B. Journal of Organic Chemistry, 2001, 66, 7427-7431.	3.2	20
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