

Michael D Ward

List of Publications by Year in descending order

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23,983
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9234

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docs citations

503
times ranked

14690
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-metal interactions in binuclear complexes exhibiting mixed valency; molecular wires and switches. <i>Chemical Society Reviews</i> , 1995, 24, 121.	18.7	673
2	Nanoporous Molecular Sandwiches: Pillared Two-Dimensional Hydrogen-Bonded Networks with Adjustable Porosity. <i>Science</i> , 1997, 276, 575-579.	6.0	564
3	Metric Engineering of Soft Molecular Host Frameworks. <i>Accounts of Chemical Research</i> , 2001, 34, 107-118.	7.6	560
4	Photo-induced electron and energy transfer in non-covalently bonded supramolecular assemblies. <i>Chemical Society Reviews</i> , 1997, 26, 365.	18.7	427
5	Functional behaviour from controlled self-assembly: challenges and prospects. <i>Chemical Society Reviews</i> , 2013, 42, 1619-1636.	18.7	417
6	Transition-metal sensitised near-infrared luminescence from lanthanides in dâ€‘f heteronuclear arrays. <i>Coordination Chemistry Reviews</i> , 2007, 251, 1663-1677.	9.5	394
7	Non-innocent behaviour in mononuclear and polynuclear complexes: consequences for redox and electronic spectroscopic properties. <i>Dalton Transactions RSC</i> , 2002, , 275-288.	2.3	379
8	Highly efficient catalysis of the Kemp elimination in the cavity of a cubic coordination cage. <i>Nature Chemistry</i> , 2016, 8, 231-236.	6.6	364
9	Polynuclear coordination cages. <i>Chemical Communications</i> , 2009, , 4487.	2.2	356
10	The Role of Bridging Ligands in Controlling Electronic and Magnetic Properties in Polynuclear Complexes. <i>Accounts of Chemical Research</i> , 1998, 31, 842-851.	7.6	297
11	Anion-Templated Assembly of a Supramolecular Cage Complex. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1279-1281.	7.2	292
12	Synthesis and co-ordination behaviour of 6â€‘,6â€‘-bis(2-pyridyl)-2,2â€‘ : 4,4â€‘ : 2â€‘,2â€‘-quaterpyridine; a back-to-back 2,2â€‘ : 6â€‘,2â€‘-terpyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 1405-1409.	1.1	209
13	Coordination Cages Based on Bis(pyrazolylpyridine) Ligands: Structures, Dynamic Behavior, Guest Binding, and Catalysis. <i>Accounts of Chemical Research</i> , 2018, 51, 2073-2082.	7.6	194
14	Syntheses and Crystal Structures of Dinuclear Complexes Containing d-Block and f-Block Luminophores. Sensitization of NIR Luminescence from Yb(III), Nd(III), and Er(III) Centers by Energy Transfer from Re(I)â€‘ and Pt(II)â€‘Bipyrimidine Metal Centers. <i>Inorganic Chemistry</i> , 2005, 44, 61-72.	1.9	192
15	Design of crystalline molecular networks with charge-assisted hydrogen bonds. <i>Chemical Communications</i> , 2005, , 5838.	2.2	187
16	Octanuclear Cubic Coordination Cages. <i>Journal of the American Chemical Society</i> , 2008, 130, 15167-15175.	6.6	172
17	Structures and Dynamic Behavior of Large Polyhedral Coordination Cages: An Unusual Cage-to-Cage Interconversion. <i>Journal of the American Chemical Society</i> , 2011, 133, 858-870.	6.6	169
18	Sensitized Near-Infrared Emission from Complexes of Yb(III), Nd(III) and Er(III) by Energy-Transfer from Covalently Attached Pt(II)-Based Antenna Units. <i>Chemistry - A European Journal</i> , 2003, 9, 5283-5291.	1.7	168

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19	Mechanisms of sensitization of lanthanide(III)-based luminescence in transition metal/lanthanide and anthracene/lanthanide dyads. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2634-2642.	9.5	163
20	Coordination and supramolecular chemistry of multinucleating ligands containing two or more pyrazolyl-pyridine arms™. <i>Coordination Chemistry Reviews</i> , 2001, 222, 251-272.	9.5	156
21	Visible-light sensitisation of near-infrared luminescence from Yb(III), Nd(III) and Er(III) complexes of 3,6-bis(2-pyridyl)tetrazine. <i>Dalton Transactions</i> , 2003, , 808-814.	1.6	156
22	Lanthanide Complexes of the Hexadentate N-Donor Podand Tris[3-(2-pyridyl)pyrazolyl]hydroborate: Solid-State and Solution Properties. <i>Inorganic Chemistry</i> , 1997, 36, 10-18.	1.9	154
23	Switching of molecular second-order polarisability in solution. <i>Journal of Materials Chemistry</i> , 2004, 14, 2831.	6.7	153
24	Anion-templated self-assembly of tetrahedral cage complexes of cobalt(II) with bridging ligands containing two bidentate pyrazolyl-pyridine binding sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4883-4888.	3.3	144
25	Spontaneous assembly of a double-helical binuclear complex of 2,2':6',2'':6'',2''':6'''',2''''':6''''',2''''''':6''''''-sexipyridine. <i>Journal of the American Chemical Society</i> , 1990, 112, 1256-1258.	6.6	138
26	Studies of the construction of coordination polymers using linear pyridyl-donor ligands. <i>Inorganica Chimica Acta</i> , 1999, 292, 231-237.	1.2	135
27	Luminescent PtII(bipyridyl)(diacetylde) Chromophores with Pendant Binding Sites as Energy Donors for Sensitized Near-Infrared Emission from Lanthanides: Structures and Photophysics of PtII/LnIII Assemblies. <i>Chemistry - A European Journal</i> , 2006, 12, 9299-9313.	1.7	134
28	Structural and Photophysical Properties of Coordination Networks Combining [Ru(bipy)(CN)4]2-Anions and Lanthanide(III) Cations: Rates of Photoinduced Ru-to-Lanthanide Energy Transfer and Sensitized Near-Infrared Luminescence. <i>Inorganic Chemistry</i> , 2005, 44, 4656-4665.	1.9	132
29	High-nuclearity Homoleptic and Heteroleptic Coordination Cages Based on Tetra-Capped Truncated Tetrahedral and Cuboctahedral Metal Frameworks. <i>Journal of the American Chemical Society</i> , 2006, 128, 72-73.	6.6	132
30	Direct Visualization of Calcium Oxalate Monohydrate Crystallization and Dissolution with Atomic Force Microscopy and the Role of Polymeric Additives. <i>Langmuir</i> , 2002, 18, 4284-4291.	1.6	129
31	A Dinuclear Ruthenium(II) Complex with the Dianion of 2,5-Dihydroxy-1,4-benzoquinone as Bridging Ligand. Redox, Spectroscopic, and Mixed-Valence Properties. <i>Inorganic Chemistry</i> , 1996, 35, 1712-1714.	1.9	127
32	Real-time measurement of anchorage-dependent cell adhesion using a quartz crystal microbalance. <i>Biotechnology Progress</i> , 1993, 9, 105-108.	1.3	126
33	Di-, Tri-, and Tetranucleating Pyridyl Ligands Which Facilitate Multicenter Magnetic Exchange between Paramagnetic Molybdenum Centers. <i>Inorganic Chemistry</i> , 1995, 34, 4828-4835.	1.9	126
34	On the Mechanism of d-f Energy Transfer in Ru ^{II} /Ln ^{III} and Os ^{II} /Ln ^{III} Dyads: Dexter-Type Energy Transfer Over a Distance of 20 Å... <i>Chemistry - A European Journal</i> , 2008, 14, 9389-9399.	1.7	123
35	pH-dependent binding of guests in the cavity of a polyhedral coordination cage: reversible uptake and release of drug molecules. <i>Chemical Science</i> , 2015, 6, 625-631.	3.7	120
36	Self-Assembly of a Ferromagnetically Coupled Manganese(II) Tetramer. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1443-1446.	4.4	118

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37	Helical and nonhelical palladium(II) complexes of oligopyridine ligands: the ligand-directed assembly of polynuclear complexes. <i>Journal of the American Chemical Society</i> , 1990, 112, 4590-4592.	6.6	117
38	Sensitised near-infrared emission from lanthanides using a covalently-attached Pt(II) fragment as an antenna group. Electronic supplementary information (ESI) available: characterisation data and luminescence spectra. See http://www.rsc.org/suppdata/cc/b3/b301878d/ . <i>Chemical Communications</i> , 2003, , 1134-1135.	2.2	116
39	Catechol as an efficient anchoring group for attachment of ruthenium(II)-polypyridine photosensitisers to solar cells based on nanocrystalline TiO ₂ films. <i>New Journal of Chemistry</i> , 2000, 24, 651-652.	1.4	115
40	Coordination Chemistry of Tetradentate N-Donor Ligands Containing Two Pyrazolyl-Pyridine Units Separated by a 1,8-Naphthyl Spacer: A Dodecanuclear and Tetranuclear Coordination Cages and Cyclic Helicates. <i>Inorganic Chemistry</i> , 2006, 45, 3905-3919.	1.9	114
41	Controllable three-component luminescence from a 1,8-naphthalimide/Eu(III) complex: white light emission from a single molecule. <i>Chemical Communications</i> , 2012, 48, 2749.	2.2	112
42	Enhancement of Luminescence Lifetimes of Mononuclear Ruthenium(II)-Terpyridine Complexes by Manipulation of the σ-Donor Strength of Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 8377-8384.	1.9	111
43	In situ reversible electrochemical switching of the molecular first hyperpolarizability. <i>Chemical Physics Letters</i> , 2003, 368, 408-411.	1.2	110
44	Reversible switching of the first hyperpolarisability of an NLO-active donor-acceptor molecule based on redox interconversion of the octamethylferrocene donor unit. <i>Chemical Communications</i> , 2001, , 49-50.	2.2	109
45	Structural and Photophysical Properties of Coordination Networks Combining [Ru(Bpym)(CN) ₄] ²⁻ or [Ru(CN) ₄] ²⁻ (1,4-bpym) ⁴⁻ Anions (bpym = 2,2'-Bipyrimidine) with Lanthanide(III) Cations: A Sensitized Near-Infrared Luminescence from Yb(III), Nd(III), and Er(III) Following Ru-to-Lanthanide Energy Transfer. <i>Inorganic Chemistry</i> , 2006, 45, 3895-3904.	1.9	109
46	Synthesis of the new tripodal ligand tris-[3-(2-pyridyl)pyrazol-1-yl]hydroborate, and the crystal structure of its europium(III) complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2751-2752.	2.0	107
47	Catalysis in a Cationic Coordination Cage Using a Cavity-Bound Guest and Surface-Bound Anions: Inhibition, Activation, and Autocatalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 2821-2828.	6.6	103
48	Quantification of solvent effects on molecular recognition in polyhedral coordination cage hosts. <i>Chemical Science</i> , 2013, 4, 2744.	3.7	102
49	Crystal Growth with Macromolecular Additives. <i>Chemical Reviews</i> , 2017, 117, 14042-14090.	23.0	102
50	d → f Energy Transfer in a Series of Ir(III)/Eu(III) Dyads: Energy-Transfer Mechanisms and White-Light Emission. <i>Inorganic Chemistry</i> , 2011, 50, 11323-11339.	1.9	101
51	Mapping the Internal Recognition Surface of an Octanuclear Coordination Cage Using Guest Libraries. <i>Journal of the American Chemical Society</i> , 2014, 136, 8475-8483.	6.6	101
52	Enhanced Spreading of Aqueous Films Containing Ethoxylated Alcohol Surfactants on Solid Substrates. <i>Langmuir</i> , 1997, 13, 7270-7275.	1.6	99
53	Roles of Bridging Ligand Topology and Conformation in Controlling Exchange Interactions between Paramagnetic Molybdenum Fragments in Dinuclear and Trinuclear Complexes. <i>Inorganic Chemistry</i> , 1997, 36, 3447-3454.	1.9	99
54	Structural and near-IR photophysical studies on ternary lanthanide complexes containing poly(pyrazolyl)borate and 1,3-diketone ligands. <i>Dalton Transactions</i> , 2004, , 1136-1144.	1.6	99

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55	Near-infrared electrochromic materials for optical attenuation based on transition-metal coordination complexes. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 778-787.	1.2	97
56	Ligand design in coordination chemistry: approaches to new catalysts, new materials, and a more sustainable environment. <i>Dalton Transactions</i> , 2003, , 1869.	1.6	96
57	[Ru(bipy)(CN) ₄] ²⁻ and its derivatives: Photophysical properties and its use in photoactive supramolecular assemblies. <i>Coordination Chemistry Reviews</i> , 2006, 250, 3128-3141.	9.5	95
58	A cyclic supramolecular complex containing eight metal ions, twelve bridging ligands, and an anion encapsulated in the central cavity. <i>Chemical Communications</i> , 1997, , 1361-1362.	2.2	93
59	Common Pitfalls of Catalysis Manuscripts Submitted to <i>Chemistry of Materials</i> . <i>Chemistry of Materials</i> , 2018, 30, 3599-3600.	3.2	93
60	Effects of Systematic Variation in Bridging Ligand Structure on the Electrochemical and Magnetic Properties of a Series of Dinuclear Molybdenum Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 2701-2703.	1.9	92
61	A Variable Optical Attenuator Operating in the Near-Infrared Region Based on an Electrochromic Molybdenum Complex. <i>Chemistry of Materials</i> , 2000, 12, 2523-2524.	3.2	91
62	Structures and anion-binding properties of M4L6 tetrahedral cage complexes with large central cavities. <i>Dalton Transactions</i> , 2004, , 3453.	1.6	90
63	A bis(terpyridine)ruthenium(II) catenate. <i>Inorganic Chemistry</i> , 1991, 30, 3869-3874.	1.9	88
64	Halogen Bonded Supramolecular Assemblies of [Ru(bipy)(CN) ₄] ²⁻ Anions and N-Methyl-Halopyridinium Cations in the Solid State and in Solution. <i>Inorganic Chemistry</i> , 2009, 48, 1666-1677.	1.9	86
65	Luminescent complexes of Re(i) and Ru(ii) with appended macrocycle groups derived from 5,6-dihydroxyphenanthroline: cation and anion binding. <i>Dalton Transactions</i> , 2005, , 528.	1.6	82
66	Synthesis, Electrochemical Behavior, and Spectroscopic and Luminescence Properties of Dinuclear Species Containing [Ru(diimine) ₃] ²⁺ and [Re(diimine)Cl(CO) ₃] Chromophores Bridged by a Nonsymmetric Quaterpyridine Ligand. <i>Inorganic Chemistry</i> , 1995, 34, 2438-2446.	1.9	81
67	Assembly of a Truncated-Tetrahedral Chiral [M ₁₂ (L) ₁₈] ²⁴⁺ Cage. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2515-2518.	7.2	79
68	A mononuclear cobalt(II) dithienylethene complex showing slow magnetic relaxation and photochromic behavior. <i>Chemical Communications</i> , 2013, 49, 8863.	2.2	79
69	Mixed-Ligand Molecular Paneling: Dodecanuclear Cuboctahedral Coordination Cages Based on a Combination of Edge-Bridging and Face-Capping Ligands. <i>Journal of the American Chemical Society</i> , 2008, 130, 11641-11649.	6.6	77
70	Interplay of Light Antenna and Excitation Energy Reservoir Effects in a Bichromophoric System Based on Ruthenium Polypyridine and Pyrene Units Linked by a Long and Flexible Poly(ethylene glycol) Chain. <i>Inorganic Chemistry</i> , 2002, 41, 6711-6719.	1.9	76
71	A new redox-tunable near-IR dye based on a trinuclear ruthenium(II) complex of hexahydroxytriphenylene. <i>Chemical Communications</i> , 1998, , 2695-2696.	2.2	75
72	Control of photoinduced energy transfer between metal-polypyridyl luminophores across rigid covalent, flexible covalent, or hydrogen-bonded bridges. <i>Coordination Chemistry Reviews</i> , 2001, 216-217, 127-154.	9.5	75

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73	Diastereoselective formation and optical activity of an M4L6 cage complex. <i>Chemical Communications</i> , 2005, , 4647.	2.2	75
74	One-Dimensional Manganese Coordination Polymers Composed of Polynuclear Cluster Blocks and Polypyridyl Linkers: Structures and Properties. <i>Inorganic Chemistry</i> , 2008, 47, 11108-11119.	1.9	75
75	Shape-, Size-, and Functional Group-Selective Binding of Small Organic Guests in a Paramagnetic Coordination Cage. <i>Inorganic Chemistry</i> , 2013, 52, 1122-1132.	1.9	75
76	Sensitised near-infrared luminescence from lanthanide(iii) centres using Re(i) and Pt(ii) diimine complexes as energy donors in dâ€ƒf dinuclear complexes based on 2,3-bis(2-pyridyl)pyrazine. <i>Dalton Transactions</i> , 2007, , 1492-1499.	1.6	74
77	Further investigations into tetrahedral M₄L₆cage complexes containing guest anions: new structures and NMR spectroscopic studies. <i>New Journal of Chemistry</i> , 2009, 33, 366-375.	1.4	74
78	Complexes of Ag(i), Hg(i) and Hg(ii) with multidentate pyrazolyl-pyridine ligands: from mononuclear complexes to coordination polymers via helicates, a mesocate, a cage and a catenate. <i>Dalton Transactions</i> , 2006, , 4996.	1.6	73
79	Density Functional Modeling of Long Range Magnetic Interactions in Binuclear Oxomolybdenum(V) Complexes. <i>Journal of Physical Chemistry A</i> , 1998, 102, 10545-10551.	1.1	72
80	Structural and Photophysical Properties of Mononuclear and Dinuclear Lanthanide(III) Complexes of Multidentate Podand Ligands Based on Poly(pyrazolyl)borates. <i>Inorganic Chemistry</i> , 1999, 38, 5769-5776.	1.9	72
81	Dinuclear ruthenium(ii) complexes $[(L)ClRu]_2(\frac{1}{4}\text{-tppz})_2^+$ (L = an arylazopyridine ligand) incorporating tetrakis(2-pyridyl)pyrazine (tppz) bridging ligand: synthesis, structure and spectroelectrochemical properties. <i>Dalton Transactions RSC</i> , 2002, , 3496-3504.	2.3	72
82	A Triangular Copper(I) Complex Displaying Allosteric Cooperativity in Its Electrochemical Behavior and a Mixed-Valence Cu(I)â€”Cu(I)â€”Cu(II) State with Unusual Temperature-Dependent Behavior. <i>Inorganic Chemistry</i> , 1997, 36, 3088-3095.	1.9	71
83	Effects of metal co-ordination geometry on self-assembly: a dinuclear double helicate complex and a tetranuclear cage complex of a new bis-bidentate bridging ligand. <i>Dalton Transactions RSC</i> , 2000, , 845-851.	2.3	71
84	Electrochemical control of bridging ligand conformation in a binuclear complexâ€”A possible basis for a molecular switch. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 799-804.	1.1	70
85	Switchable Electron-Transfer Processes in a Mixed-Valence, Kinetically Locked, Trinuclear Rull Metallamacrocycle. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3938-3941.	7.2	70
86	Structure and Ultrafast Dynamics of the Charge-Transfer Excited State and Redox Activity of the Ground State of Mono- and Binuclear Platinum(II) Diimine Catecholate and Bis-catecholate Complexes: A Transient Absorption, TRIR, DFT, and Electrochemical Study. <i>Inorganic Chemistry</i> , 2010, 49, 10041-10056.	1.9	70
87	A near-planar pentadentate silver(I) complex; the crystal and molecular structure of (2,2â€” : 6â€” : 2â€” : 6â€” : 2â€”) Tj ETQq1 1 0.78 <i>Communications</i> , 1988, .	2.0	68
88	Enhanced Spreading of Aqueous Films Containing Ionic Surfactants on Solid Substrates. <i>Langmuir</i> , 1997, 13, 7276-7281.	1.6	68
89	Self-assembly of a molecular M8L12 cube having S6 symmetryElectronic supplementary information (ESI) available: Fig. S1 and S2. See http://www.rsc.org/suppdata/cc/b3/b307172n/ . <i>Chemical Communications</i> , 2003, , 2432.	2.2	68
90	Photophysical and Structural Properties of Cyanoruthenate Complexes of Hexaazatriphenylene. <i>Journal of the American Chemical Society</i> , 2007, 129, 11491-11504.	6.6	68

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91	Molecular helicity in inorganic complexes: double helical binuclear complexes of 2,2'-bipyridine: 6-mercapto-2,2'-bipyridine (L): crystal structures of [Cu ₂ L ₂ (O ₂ CMe)] [PF ₆] ₃ ·H ₂ O and [Cu ₂ L ₂] [PF ₆] ₃ ·2Me ₂ DN. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 2655-2662.		66
92	Complexes of silver(I), thallium(I), lead(II) and barium(II) with bis[3-(2-pyridyl)pyrazol-1-yl]phosphinate: one-dimensional helical chains and discrete mononuclear complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1645-1651.	1.1	66
93	MATERIALS SCIENCE: Enhanced: Molecular Fuel Tanks. <i>Science</i> , 2003, 300, 1104-1105.	6.0	66
94	Complexes of substituted derivatives of 2-(2-pyridyl)benzimidazole with Re(i), Ru(ii) and Pt(ii): structures, redox and luminescence properties. <i>Dalton Transactions</i> , 2004, , 3678.	1.6	66
95	Ligand-field excited states of hexacyanochromate and hexacyanocobaltate as sensitizers for near-infrared luminescence from Nd(III) and Yb(III) in cyanide-bridged d ⁴ f assemblies. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 1152-1157.	1.6	66
96	The co-ordination chemistry of mixed pyridine-phenol ligands; spectroscopic and redox properties of mononuclear ruthenium complexes with (pyridine) _x (phenolate) _x donor sets (x= 1 or 2). <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 3345-3351.	1.1	65
97	Synthesis and Electrochemical and Spectroscopic Properties of a Series of Binuclear and Trinuclear Ruthenium and Palladium Complexes Based on a New Bridging Ligand Containing Terpyridyl and Catechol Binding Sites. <i>Inorganic Chemistry</i> , 1995, 34, 2025-2032.	1.9	65
98	Complexes of a new bidentate chelating pyridyl/sulfonamide ligand with copper(II), cobalt(II) and palladium(II): crystal structures and spectroscopic properties. <i>Inorganica Chimica Acta</i> , 1998, 278, 178-184.	1.2	65
99	Tetranuclear grid-like copper(II) complexes with pyrazolate bridges: syntheses, structures, magnetic and EPR spectroscopic properties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 339-348.	1.1	65
100	New members of the [Ru(diimine)(CN) ₄] ²⁻ family: structural, electrochemical and photophysical properties. <i>Dalton Transactions</i> , 2006, , 39-50.	1.6	65
101	Selective guest recognition by a self-assembled paramagnetic cage complex. <i>Chemical Communications</i> , 2012, 48, 2752.	2.2	65
102	A Near-Infrared Electrochromic Window Based on an Sb-Doped SnO ₂ Electrode Modified with a Ru ^{II} -Dioxolene Complex. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3011-3014.	7.2	64
103	Anthracene as a sensitizer for near-infrared luminescence in complexes of Nd(III), Er(III) and Yb(III): an unexpected sensitization mechanism based on electron transfer. <i>Dalton Transactions</i> , 2007, , 1484.	1.6	64
104	Hydrogen-bonded frameworks for molecular structure determination. <i>Nature Communications</i> , 2019, 10, 4477.	5.8	64
105	A convenient, high yield synthesis of 2,2'-bipyridine and its iron(II) complex. <i>Inorganica Chimica Acta</i> , 1988, 141, 201-203.	1.2	63
106	Photoinduced Ru ^{II} -Yb energy transfer and sensitized near-IR luminescence in a coordination polymer containing co-crystallised [Ru(bipy)(CN) ₄] ²⁻ and Yb(III) units. <i>Dalton Transactions</i> , 2004, , 1524-1526.	1.6	62
107	New multidentate ligands for supramolecular coordination chemistry: double and triple helical complexes of ligands containing pyridyl and thiazolyl donor units. <i>Dalton Transactions RSC</i> , 2001, , 550-559.	2.3	61
108	Biphenyl macrolactams in anion complexation. Selective naked-eye fluoride recognition. <i>Tetrahedron</i> , 2004, 60, 9471-9478.	1.0	61

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109	Molecular helicity in inorganic complexes; bi- and tri-nuclear complexes of 2,2'-bis(2,2'-bipyridyl)nickel(II) and the crystal and molecular structure of bis(2,2'-bipyridyl)nickel(II). Journal of the Chemical Society Dalton Transactions, 1991, , 1675-1683.	1.1	60
110	Structural and Photophysical Properties of Adducts of [Ru(bipy)(CN) ₄] ²⁻ with Different Metal Cations: Metallochromism and Its Use in Switching Photoinduced Energy Transfer. Journal of the American Chemical Society, 2007, 129, 4014-4027.	6.6	60
111	Mono- and binuclear molybdenum and tungsten complexes containing asymmetric bridging ligands: effects of ligand conjugation and conformation on metal-metal interactions. Inorganic Chemistry, 1993, 32, 2145-2155.	1.9	59
112	Assemblies of luminescent ruthenium(II) and osmium(II) polypyridyl complexes based on hydrogen bonding. Coordination Chemistry Reviews, 1998, 171, 481-488.	9.5	59
113	Mono- and Dinuclear Ruthenium Carbonyl Complexes with Redox-Active Dioxolene Ligands: Electrochemical and Spectroscopic Studies and the Properties of the Mixed-Valence Complexes. Inorganic Chemistry, 2003, 42, 7887-7896.	1.9	59
114	Visible-light sensitisation of Tb(III) luminescence using a blue-emitting Ir(III) complex as energy-donor. Chemical Communications, 2011, 47, 2279-2281.	2.2	59
115	A single stranded diruthenium(II) helical complex. Journal of the Chemical Society Chemical Communications, 1990, , 621.	2.0	58
116	Synthesis and near-IR luminescence properties of neodymium(III) and ytterbium(III) complexes with poly(pyrazolyl)borate ligands. Dalton Transactions RSC, 2002, , 1923-1928.	2.3	58
117	An Unusual Dinuclear Ruthenium(III) Complex with a Conjugated Bridging Ligand Derived from Cleavage of a 1,4-Dihydro-1,2,4,5-Tetrazine Ring. Synthesis, Structure, and UV-Vis-NIR Spectroelectrochemical Characterization of a Five-Membered Redox Chain Incorporating Two Mixed-Valence States. Inorganic Chemistry, 2003, 42, 4707-4713.	1.9	57
118	[Ru(bipy) ₃] ²⁺ and [Os(bipy) ₃] ²⁺ chromophores as sensitizers for near-infrared luminescence from Yb(III) and Nd(III) in d/f dyads: contributions from Förster, Dexter, and redox-based energy-transfer mechanisms. Dalton Transactions, 2009, , 3971.	1.6	57
119	Lanthanide complexes of the tetradentate N-donor ligand dihydrobis[3-(2-pyridyl)pyrazolyl]borate and the terdentate N-donor ligand 2,6-bis(1H-pyrazol-3-yl)pyridine: syntheses, crystal structures and solution structures based on luminescence lifetime studies. Journal of the Chemical Society Dalton Transactions, 1997, , 2079-2086.	1.1	56
120	Chemistry and Molecular Electronics: New Molecules as Wires, Switches, and Logic Gates. Journal of Chemical Education, 2001, 78, 321.	1.1	56
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482	Binding of Hydrophobic Guests in a Coordination Cage Cavity is Driven by Liberation of "High-Energy" Water. <i>Chemistry - A European Journal</i> , 2018, 24, 1463-1463.	1.7	0
483	Synthesis and crystal structure of an M_4L_6 tetrahedral cage with outward-facing pockets from a substituted pyrazolyl-pyridine ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 961-966.	0.2	0
484	FANCD2 Purification and Identification of a Functionally Important Phosphorylation Event at Serine 331.. <i>Blood</i> , 2007, 110, 1676-1676.	0.6	0