

# J A Gareth Williams

## List of Publications by Citations

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204  
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14,886  
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70  
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116  
g-index

213  
ext. papers

15,956  
ext. citations

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L-index

#	Paper	IF	Citations
204	Non-radiative deactivation of the excited states of europium, terbium and ytterbium complexes by proximate energy-matched OH, NH and CH oscillators: an improved luminescence method for establishing solution hydration states. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1999</b> , 493-504		1154
203	Photochemistry and Photophysics of Coordination Compounds: Platinum <b>2007</b> , 205-268		496
202	Optimising the luminescence of platinum(II) complexes and their application in organic light emitting devices (OLEDs)?. <i>Coordination Chemistry Reviews</i> , <b>2008</b> , 252, 2596-2611	23.2	450
201	Light-emitting devices based on organometallic platinum complexes as emitters. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2401-2425	23.2	422
200	Lighting the way to see inside the live cell with luminescent transition metal complexes. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 1762-1785	23.2	380
199	Getting excited about lanthanide complexation chemistry. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 3613		320
198	An alternative route to highly luminescent platinum(II) complexes: cyclometalation with N=C=N-coordinating dipyritylbenzene ligands. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 8609-11	5.1	302
197	Time-resolved and two-photon emission imaging microscopy of live cells with inert platinum complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 16071-6	11.5	301
196	The coordination chemistry of dipyritylbenzene: N-deficient terpyridine or panacea for brightly luminescent metal complexes?. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 1783-801	58.5	250
195	Synthesis and Photophysical Properties of Iridium(III) Bisterpyridine and Its Homologues: a Family of Complexes with a Long-Lived Excited State. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 5009-5016	16.4	232
194	Mixing of Excimer and Exciplex Emission: A New Way to Improve White Light Emitting Organic Electrophosphorescent Diodes. <i>Advanced Materials</i> , <b>2007</b> , 19, 4000-4005	24	229
193	Controlling emission energy, self-quenching, and excimer formation in highly luminescent N-C-N-coordinated platinum(II) complexes. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 9690-703	5.1	221
192	Light-emitting iridium complexes with tridentate ligands. <i>Dalton Transactions</i> , <b>2008</b> , 2081-99	4.3	196
191	Luminescence imaging microscopy and lifetime mapping using kinetically stable lanthanide(III) complexes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2000</b> , 57, 83-9	6.7	188
190	Phosphorescence vs fluorescence in cyclometalated platinum(II) and iridium(III) complexes of (oligo)thienylpyridines. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 3804-15	5.1	185
189	Improving the performance of Pt(II) complexes for blue light emission by enhancing the molecular rigidity. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 312-9	5.1	183
188	N?C?N-Coordinated Platinum(II) Complexes as Phosphorescent Emitters in High-Performance Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 285-289	15.6	177

187	Efficient sensitization of europium, ytterbium, and neodymium functionalized tris-dipicolinate lanthanide complexes through tunable charge-transfer excited states. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10258-68	5.1	161
186	Luminescent sensors for pH, pO <sub>2</sub> , halide and hydroxide ions using phenanthridine as a photosensitizer in macrocyclic europium and terbium complexes. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1998</b> , 2129-2140		157
185	Excited state surfaces in density functional theory: a new twist on an old problem. <i>Journal of Chemical Physics</i> , <b>2009</b> , 131, 091101	3.9	150
184	Porphyrin sensitization of circularly polarised near-IR lanthanide luminescence: enhanced emission with nucleic acid binding. <i>Chemical Communications</i> , <b>2000</b> , 1183-1184	5.8	144
183	The time domain in co-stained cell imaging: time-resolved emission imaging microscopy using a protonatable luminescent iridium complex. <i>Chemical Communications</i> , <b>2010</b> , 46, 8743-5	5.8	143
182	Long-lived metal complexes open up microsecond lifetime imaging microscopy under multiphoton excitation: from FLIM to PLIM and beyond. <i>Chemical Science</i> , <b>2014</b> , 5, 879-886	9.4	139
181	Acid/base-triggered switching of circularly polarized luminescence and electronic circular dichroism in organic and organometallic helicenes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1673-81	4.8	126
180	Metallahelicenes: easily accessible helicene derivatives with large and tunable chiroptical properties. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 99-102	16.4	126
179	Luminescent complexes of iridium(III) containing N/C/N-coordinating terdentate ligands. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8685-99	5.1	123
178	Iridium(III) bis-terpyridine complexes incorporating pendent N-methylpyridinium groups: luminescent sensors for chloride ions. <i>Dalton Transactions RSC</i> , <b>2000</b> , 2893-2895		122
177	Synthesis, Time-Resolved Luminescence, NMR Spectroscopy, Circular Dichroism and Circularly Polarised Luminescence Studies of Enantiopure Macrocyclic Lanthanide Tetraamide Complexes. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 1095-1105	4.8	122
176	Blue-shifting the monomer and excimer phosphorescence of tridentate cyclometallated platinum(II) complexes for optimal white-light OLEDs. <i>Chemical Communications</i> , <b>2012</b> , 48, 5817-9	5.8	119
175	Metal Complexes for Two-Photon Photodynamic Therapy: A Cyclometallated Iridium Complex Induces Two-Photon Photosensitization of Cancer Cells under Near-IR Light. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 234-238	4.8	117
174	Sensitised luminescence from phenanthridine appended lanthanide complexes: analysis of triplet mediated energy transfer processes in terbium, europium and neodymium complexes. <i>Perkin Transactions II RSC</i> , <b>2001</b> , 1268-1273		116
173	A new, highly fluorescent terpyridine which responds to zinc ions with a large red-shift in emission. <i>Chemical Communications</i> , <b>2001</b> , 2514-2515	5.8	113
172	Solution and Solid-State Characterization of Highly Rigid, Eight-Coordinate Lanthanide(III) Complexes of a Macrocyclic Tetrabenzylphosphinate. <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 4696-4706	5.1	111
171	Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8236-8239	16.4	110
170	Luminescent Platinum Compounds: From Molecules to OLEDs. <i>Topics in Organometallic Chemistry</i> , <b>2010</b> , 75-111	0.6	108

169	Synthesis, structural studies, theoretical calculations, and linear and nonlinear optical properties of terpyridyl lanthanide complexes: new evidence for the contribution of f electrons to the NLO activity. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12243-55	16.4	107
168	Single-dopant organic white electrophosphorescent diodes with very high efficiency and its reduced current density roll-off. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 163508	3.4	106
167	A new class of iridium complexes suitable for stepwise incorporation into linear assemblies: synthesis, electrochemistry, and luminescence. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6596-607	5.1	105
166	Palladium-catalysed cross-coupling reactions of ruthenium bis-terpyridyl complexes: strategies for the incorporation and exploitation of boronic acid functionality. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 1138-1147 <sup>104</sup>	3.6	104
165	Synthesis and luminescence of a charge-neutral, cyclometalated iridium(III) complex containing N-C-N- and C-N-C-coordinating terdentate ligands. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 6513-5	5.1	102
164	Intramolecular sensitisation of lanthanide(III) luminescence by acetophenone-containing ligands: the critical effect of para-substituents and solvent. <i>Dalton Transactions RSC</i> , <b>2002</b> , 48-54		102
163	Synthesis, structure, and photophysical properties of luminescent platinum(II) complexes containing cyclometalated 4-styryl-functionalized 2-phenylpyridine ligands. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8584-96	5.1	100
162	Straightforward access to mono- and bis-cycloplatinated helicenes that display circularly polarized phosphorescence using crystallization resolution methods. <i>Chemical Science</i> , <b>2014</b> , 5, 1915-1927	9.4	99
161	Luminescence from ytterbium(III) and its complexes in solution. <i>Chemical Communications</i> , <b>1997</b> , 1401-1408	4.8	99
160	Synthesis, Mesomorphism, and Luminescent Properties of Calamitic 2-Phenylpyridines and Their Complexes with Platinum(II). <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3871-3882	9.6	98
159	Two-photon antenna effect induced in octupolar europium complexes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 2659-65	5.1	96
158	Cyclometalated platinum(II) complexes of pyrazole-based, N=C=N-coordinating, terdentate ligands: the contrasting influence of pyrazolyl and pyridyl rings on luminescence. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 11129-42	5.1	91
157	Energy Upconversion via Triplet Fusion in Super Yellow PPV Films Doped with Palladium Tetraphenyltetrabenzoporphyrin: a Comprehensive Investigation of Exciton Dynamics. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 384-393	15.6	90
156	Linear and nonlinear optical properties of cationic bipyridyl iridium(III) complexes: tunable and photoswitchable?. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 5027-38	5.1	90
155	Iridium(III) bis-terpyridine complexes displaying long-lived pH sensitive luminescence. <i>Chemical Communications</i> , <b>1999</b> , 1943-1944	5.8	90
154	Cyclometalated platinum(II) complexes of 1,3-di(2-pyridyl)benzenes: tuning excimer emission from red to near-infrared for NIR-OLEDs. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 15501		89
153	Highly efficient near-infrared organic excimer electrophosphorescent diodes. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 023506	3.4	88
152	Luminescence behaviour of cadmium, lead, zinc, copper, nickel and lanthanide complexes of octadentate macrocyclic ligands bearing naphthyl chromophores. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1995</b> , 1305		88

151	Mixing of molecular exciton and excimer phosphorescence to tune color and efficiency of organic LEDs. <i>Organic Electronics</i> , <b>2010</b> , 11, 388-396	3.5	87
150	Luminescent iridium(III) complexes with N <sup>^</sup> C <sup>^</sup> N-coordinated terdentate ligands: dual tuning of the emission energy and application to organic light-emitting devices. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 3813-26 <sup>5.1</sup>	5.1	85
149	Photochemical investigations of functionalised 1,4,7,10-tetraazacyclododecane ligands incorporating naphthyl chromophores. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1996</b> , 1565		84
148	Highly luminescent dinuclear platinum(II) complexes incorporating bis-cyclometallating pyrazine-based ligands: a versatile approach to efficient red phosphors. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 10992-1003	5.1	83
147	Nuclear magnetic resonance, luminescence and structural studies of lanthanide complexes with octadentate macrocyclic ligands bearing benzylphosphinate groups. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 3623-3636		82
146	Excimer-based red/near-infrared organic light-emitting diodes with very high quantum efficiency. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 113302	3.4	80
145	Emissive metallomesogens based on 2-phenylpyridine complexes of iridium(III). <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 5248-51	16.4	79
144	Cross-couplings in the elaboration of luminescent bis-terpyridyl iridium complexes: the effect of extended or inhibited conjugation on emission. <i>Dalton Transactions</i> , <b>2004</b> , 623-31	4.3	79
143	The synthesis of 4 <sup>?</sup> -aryl substituted terpyridines by Suzuki cross-coupling reactions: substituent effects on ligand fluorescence. <i>Perkin Transactions II RSC</i> , <b>2002</b> , 1669-1681		77
142	pH Dependence of the energy transfer mechanism in a phenanthridine-appended ytterbium complex. <i>Dalton Transactions RSC</i> , <b>2002</b> , 1918-1922		77
141	Color-variable highly efficient organic electrophosphorescent diodes manipulating molecular exciton and excimer emissions. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 073309	3.4	76
140	Localised to intraligand charge-transfer states in cyclometalated platinum complexes: an experimental and theoretical study into the influence of electron-rich pendants and modulation of excited states by ion binding. <i>Dalton Transactions</i> , <b>2009</b> , 1728-41	4.3	75
139	Assembly of pi-conjugated phosphole azahelicene derivatives into chiral coordination complexes: an experimental and theoretical study. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 5976-6005	4.8	75
138	Triplet-Triplet Energy Transfer between Porphyrins Linked via a Ruthenium(II) Bisterpyridine Complex. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 661-667	5.1	75
137	Highly luminescent mixed-metal Pt(II)/Ir(III) complexes: bis-cyclometalation of 4,6-diphenylpyrimidine as a versatile route to rigid multimetallic assemblies. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 6304-13	5.1	74
136	The luminescence properties of multinuclear platinum complexes. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 367, 127-162	23.2	73
135	Tissue-specific expression and dimerization of the endoplasmic reticulum oxidoreductase Ero1beta. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 33066-75	5.4	72
134	enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , <b>2015</b> , 51, 3754-7	5.8	70

133	Cyclometallated platinum(II) complexes of 1,3-di(2-pyridyl)benzenes for solution-processable WOLEDs exploiting monomer and excimer phosphorescence. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 8653		70
132	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn(2+) binding. <i>Chemical Communications</i> , <b>2016</b> , 52, 5932-5	5.8	69
131	Photoinduced Processes in Highly Coupled Multicomponent Arrays Based on a Ruthenium(II)Bis(terpyridine) Complex and Porphyrins. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 1744-1754	4.8	69
130	Taking advantage of the pH and pO <sub>2</sub> sensitivity of a luminescent macrocyclic terbium phenanthridyl complex. <i>Chemical Communications</i> , <b>1998</b> , 245-246	5.8	69
129	Synthesis and Chiroptical Properties of Hexa-, Octa-, and Deca-azaborahelicenes: Influence of Helicene Size and of the Number of Boron Atoms. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 407-418	4.8	68
128	Cyclometallated platinum(II) complexes incorporating ethynyl-flavone ligands: switching between triplet and singlet emission induced by selective binding of Pb <sup>2+</sup> ions. <i>Chemical Communications</i> , <b>2008</b> , 4333-5	5.8	67
127	Novel N <sup>C</sup> N-cyclometallated platinum complexes with acetylide co-ligands as efficient phosphors for OLEDs. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 10650		66
126	Luminescent platinum complexes with terdentate ligands forming 6-membered chelate rings: advantageous and deleterious effects in N--N--N and N--C--N-coordinated complexes. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 476-87	5.1	66
125	Extent of hydration of octadentate lanthanide complexes incorporating phosphinate donors: solution relaxometry and luminescence studies. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 17		66
124	Closely diffusing O <sup>II</sup> , amide N <sup>II</sup> and methylene C <sup>II</sup> oscillators quench the excited state of europium complexes in solution. <i>Chemical Communications</i> , <b>1996</b> , 697-698	5.8	62
123	Platinum(II) complexes with cyclometallated 5- $\pi$ -delocalized-donor-1,3-di(2-pyridyl)benzene ligands as efficient phosphors for NIR-OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 1791	7.1	61
122	Ditopic bis-terdentate cyclometallating ligands and their highly luminescent dinuclear iridium(III) complexes. <i>Chemical Communications</i> , <b>2014</b> , 50, 6831-4	5.8	61
121	From red to near infra-red OLEDs: the remarkable effect of changing from X = -Cl to -NCS in a cyclometallated [Pt(N <sup>C</sup> N)X] complex {N <sup>C</sup> N = 5-mesityl-1,3-di-(2-pyridyl)benzene}. <i>Chemical Communications</i> , <b>2012</b> , 48, 3182-4	5.8	60
120	Photochromic metal complexes: photoregulation of both the nonlinear optical and luminescent properties. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 5627-36	5.1	60
119	Cyclometallated, bis-terdentate iridium complexes as linearly expandable cores for the construction of multimetallic assemblies. <i>Dalton Transactions</i> , <b>2009</b> , 3929-40	4.3	60
118	When two are better than one: bright phosphorescence from non-stereogenic dinuclear iridium(III) complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6949-62	4.3	59
117	Probing the excited state properties of the highly phosphorescent Pt(dpyb)Cl compound by high-resolution optical spectroscopy. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 11407-14	5.1	58
116	The efficient intramolecular sensitisation of terbium(III) and europium(III) by benzophenone-containing ligands. <i>Perkin Transactions II RSC</i> , <b>2000</b> , 1281-1283		57

115	Phosphorescent mesomorphic dyads based on tetraacetylene complexes of iridium(III). <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 95-8	16.4	56
114	Multifunctional and reactive enantiopure organometallic helicenes: tuning chiroptical properties by structural variations of mono- and bis(platinahelicene)s. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 14178-98	4.8	56
113	Boronic acid-substituted metal complexes: versatile building blocks for the synthesis of multimetallic assemblies. <i>Chemical Communications</i> , <b>2005</b> , 230-2	5.8	56
112	Bi-molecular emissive excited states in platinum (II) complexes for high-performance organic light-emitting diodes. <i>Chemical Physics</i> , <b>2010</b> , 378, 47-57	2.3	53
111	Luminescent chemosensors for pH, halide and hydroxide ions based on kinetically stable, macrocyclic europium phenanthridinium conjugates. <i>Chemical Communications</i> , <b>1997</b> , 1777-1778	5.8	53
110	A novel luminescence-based colorimetric oxygen sensor with a "traffic light" response. <i>Journal of Fluorescence</i> , <b>2006</b> , 16, 201-6	2.4	53
109	Linear and nonlinear optical properties of tris-cyclometalated phenylpyridine Ir(III) complexes incorporating $\pi$ -conjugated substituents. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7987-94	5.1	52
108	Intramolecular excimers based on rigidly-linked platinum(II) complexes: intense deep-red triplet luminescence in solution. <i>Dalton Transactions</i> , <b>2008</b> , 4562-4	4.3	52
107	Platinum(II) complexes of N <sup>C</sup> N-coordinating 1,3-bis(2-pyridyl)benzene ligands: thiolate coligands lead to strong red luminescence from charge-transfer states. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5738-49	5.1	51
106	Palladium-catalysed direct arylation of a tris-cyclometalated Ir(III) complex bearing 2,2'-thienylpyridine ligands: a powerful tool for the tuning of luminescence properties. <i>Chemical Communications</i> , <b>2012</b> , 48, 1260-2	5.8	51
105	Modulating the luminescence of an iridium(III) complex incorporating a di(2-picoyl)anilino-appended bipyridine ligand with Zn <sup>2+</sup> cations. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 21-24	3.6	51
104	Synthesis and pH-sensitive luminescence of bis-terpyridyl iridium(III) complexes incorporating pendant pyridyl groups. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 1222-1232	2.7	50
103	A cross-coupling strategy for the synthesis of dimetallic assemblies containing mixed bipyridine-terpyridine bridging ligands: luminescence and energy transfer properties. <i>Dalton Transactions</i> , <b>2006</b> , 2172-4	4.3	48
102	Phosphorescent, liquid-crystalline complexes of platinum(II): influence of the $\beta$ -diketonate co-ligand on mesomorphism and emission properties. <i>Dalton Transactions</i> , <b>2012</b> , 41, 14244-56	4.3	47
101	Platinum and palladium complexes of fluorenyl porphyrins as red phosphors for light-emitting devices. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 438-444	3.6	44
100	Dinuclear Design of a Pt(II) Complex Affording Highly Efficient Red Emission: Photophysical Properties and Application in Solution-Processible OLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 8182-8193	9.5	43
99	Highly efficient exciplex phosphorescence from organic light-emitting diodes. <i>Chemical Physics Letters</i> , <b>2006</b> , 433, 145-149	2.5	42
98	Tuning the dipolar second-order nonlinear optical properties of cyclometalated platinum(II) complexes with tridentate N <sup>C</sup> N binding ligands. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9875-83	4.8	41

- 97 Cyclometallated platinum(II) complexes containing pyridyl-acetylde ligands: the selective influence of lead binding on luminescence. *Dalton Transactions*, **2010**, 39, 707-10 4.3 41
- 96 Near infra-red luminescence from bis-terpyridyl iridium(III) complexes incorporating electron-rich pendants. *Polyhedron*, **2004**, 23, 2769-2777 2.7 41
- 95 Copper(II) complexes of the isomeric tetraazamacrocyclic ligands 1,11- and 1,8-bis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetradecane and of the 1,4,8,11-tetraazacyclotetradecane-5,12-dione analogue at neutral and basic pH. *Dalton Transactions* **2000**, 1873-1880 41
- 94 Nuclear magnetic resonance studies of neutral lanthanide(III) complexes with tetraaza-macrocyclic ligands containing three phosphinate and one carboxamide co-ordinating arms. *Journal of the Chemical Society Dalton Transactions*, **1995**, 2259 40
- 93 Conformationally regulated fluorescent sensors. Study of the selectivity in Zn<sup>2+</sup> versus Cd<sup>2+</sup> sensing. *Tetrahedron*, **2004**, 60, 6327-6334 2.4 38
- 92 The Measurement of Circular Polarization in the Near-IR Luminescence from Chiral Complexes of Yb(III) and Nd(III). *Journal of Physical Chemistry A*, **2000**, 104, 6709-6717 2.8 38
- 91 Circularly Polarized Luminescence from Chiral Octadentate Complexes of Yb(III) in the Near-Infrared. *Journal of the American Chemical Society*, **1998**, 120, 10563-10564 16.4 37
- 90 Modest effectiveness of carbostyryl 124 as a sensitising chromophore in europium and terbium amide complexes based on 1,4,7,10-tetraazacyclododecane. *Journal of the Chemical Society Perkin Transactions II*, **1996**, 1581 37
- 89 Bright orange/red-emitting rhodium(III) and iridium(III) complexes: tridentate N<sup>C</sup>N-cyclometallating ligands lead to high luminescence efficiencies. *Dalton Transactions*, **2013**, 42, 10388-93 4.3 36
- 88 Time-Resolved Emission Imaging Microscopy Using Phosphorescent Metal Complexes: Taking FLIM and PLIM to New Lengths. *Structure and Bonding*, **2014**, 205-256 0.9 35
- 87 Rigidly linking cyclometallated Ir(III) and Pt(II) centres: an efficient approach to strongly absorbing and highly phosphorescent red emitters. *Chemical Communications*, **2017**, 53, 2729-2732 5.8 34
- 86 An introduction to thiol redox proteins in the endoplasmic reticulum and a review of current electrochemical methods of detection of thiols. *Analyst*, **2006**, 131, 459-73 5 33
- 85 Site-Selective Benzannulation of N-Heterocycles in Bidentate Ligands Leads to Blue-Shifted Emission from [(P<sup>N</sup>)Cu](EX) Dimers. *Inorganic Chemistry*, **2018**, 57, 4966-4978 5.1 31
- 84 An unprecedented cyclometallated platinum(II) complex incorporating a phosphinine co-ligand: synthesis and photoluminescence behaviour. *Dalton Transactions*, **2014**, 43, 8162-5 4.3 31
- 83 Two-photon phosphorescence lifetime imaging of cells and tissues using a long-lived cyclometallated Npyridyl<sup>C</sup>phenyl<sup>N</sup>pyridyl Pt(II) complex. *RSC Advances*, **2014**, 4, 35003-35008 3.7 31
- 82 Influence of the metal ion on the two-photon absorption properties of lanthanide complexes including near-IR emitters. *ChemPhysChem*, **2013**, 14, 3361-7 3.2 31
- 81 New tetra-aryl and bi-aryl porphyrins bearing 5,15-related fluorenyl pendants: the influence of arylation on fluorescence. *Tetrahedron Letters*, **2007**, 48, 4317-4322 2 31
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2	Brightly Luminescent Platinum Complexes of Ligands Forming Six-Membered Chelate Rings: Offsetting Deleterious Ring Size Effects Using Site-Selective Benzannulation. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 16881-16894	5.1	0
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