

# J A Gareth Williams

## List of Publications by Year in descending order

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212  
papers

17,025  
citations

8181

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17105

122  
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213  
docs citations

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times ranked

10285  
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#	ARTICLE	IF	CITATIONS
1	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> , 1999, , 493-504.	0.9	1,263
2	Photochemistry and Photophysics of Coordination Compounds: Platinum. , 2007, , 205-268.		535
3	Optimising the luminescence of platinum(II) complexes and their application in organic light emitting devices (OLEDs)â†. <i>Coordination Chemistry Reviews</i> , 2008, 252, 2596-2611.	18.8	491
4	Light-emitting devices based on organometallic platinum complexes as emitters. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2401-2425.	18.8	488
5	Lighting the way to see inside the live cell with luminescent transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 1762-1785.	18.8	425
6	Getting excited about lanthanide complexation chemistry. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3613.	1.1	344
7	An Alternative Route to Highly Luminescent Platinum(II) Complexes:Â Cyclometalation with Nâˆ\$Câˆ\$N-Coordinating Dipyridylbenzene Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 8609-8611.	4.0	337
8	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> , 2008, 105, 16071-16076.	7.1	333
9	The coordination chemistry of dipyridylbenzene: N-deficient terpyridine or panacea for brightly luminescent metal complexes?. <i>Chemical Society Reviews</i> , 2009, 38, 1783.	38.1	289
10	Synthesis and Photophysical Properties of Iridium(III) Bisterpyridine and Its Homologues:â€% a Family of Complexes with a Long-Lived Excited State. <i>Journal of the American Chemical Society</i> , 1999, 121, 5009-5016.	18.7	265
11	Controlling Emission Energy, Self-Quenching, and Excimer Formation in Highly Luminescent Nâˆ\$Câˆ\$N-Coordinated Platinum(II) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 9690-9703.	4.0	254
12	Mixing of Excimer and Exciplex Emission: A New Way to Improve White Light Emitting Organic Electrophosphorescent Diodes. <i>Advanced Materials</i> , 2007, 19, 4000-4005.	21.0	250
13	Light-emitting iridium complexes with tridentate ligands. <i>Dalton Transactions</i> , 2008, , 2081.	3.3	213
14	Improving the Performance of Pt(II) Complexes for Blue Light Emission by Enhancing the Molecular Rigidity. <i>Inorganic Chemistry</i> , 2012, 51, 312-319.	4.0	211
15	Luminescence imaging microscopy and lifetime mapping using kinetically stable lanthanide(III) complexes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 57, 83-89.	3.8	205
16	Phosphorescence vs Fluorescence in Cyclometalated Platinum(II) and Iridium(III) Complexes of (Oligo)thienylpyridines. <i>Inorganic Chemistry</i> , 2011, 50, 3804-3815.	4.0	200
17	Nâˆ\$Câˆ\$N-Coordinated Platinum(II) Complexes as Phosphorescent Emitters in High-Performance Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2007, 17, 285-289.	14.9	191
18	Efficient Sensitization of Europium, Ytterbium, and Neodymium Functionalized Tris-Dipicolinate Lanthanide Complexes through Tunable Charge-Transfer Excited States. <i>Inorganic Chemistry</i> , 2008, 47, 10258-10268.	4.0	175

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19	Luminescent sensors for pH, pO <sub>2</sub> , halide and hydroxide ions using phenanthridine as a photosensitiser in macrocyclic europium and terbium complexes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 2129-2140.	0.9	168
20	Long-lived metal complexes open up microsecond lifetime imaging microscopy under multiphoton excitation: from FLIM to PLIM and beyond. <i>Chemical Science</i> , 2014, 5, 879-886.	7.4	168
21	Acid/Base-Triggered Switching of Circularly Polarized Luminescence and Electronic Circular Dichroism in Organic and Organometallic Helicenes. <i>Chemistry - A European Journal</i> , 2015, 21, 1673-1681.	3.3	166
22	Excited state surfaces in density functional theory: A new twist on an old problem. <i>Journal of Chemical Physics</i> , 2009, 131, 091101.	3.0	165
23	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> , 1999, 5, 1095-1105.	3.3	161
24	The time domain in co-stained cell imaging: time-resolved emission imaging microscopy using a protonatable luminescent iridium complex. <i>Chemical Communications</i> , 2010, 46, 8743.	4.1	155
25	Solution and Solid-State Characterization of Highly Rigid, Eight-Coordinate Lanthanide(III) Complexes of a Macrocyclic Tetrabenzylphosphinate. <i>Inorganic Chemistry</i> , 1994, 33, 4696-4706.	4.0	152
26	Porphyrin sensitization of circularly polarised near-IR lanthanide luminescence: enhanced emission with nucleic acid binding. <i>Chemical Communications</i> , 2000, , 1183-1184.	4.1	150
27	Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 99-102.	13.8	144
28	Enantiopure Cycloirradiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8236-8239.	13.8	143
29	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> , 2017, 23, 234-238.	3.3	143
30	Straightforward access to mono- and bis-cycloplatinated helicenes displaying circularly polarized phosphorescence by using crystallization resolution methods. <i>Chemical Science</i> , 2014, 5, 1915.	7.4	140
31	Luminescent Complexes of Iridium(III) Containing N <sup>3</sup> -Coordinating Tridentate Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 8685-8699.	4.0	137
32	Blue-shifting the monomer and excimer phosphorescence of tridentate cyclometallated platinum(ii) complexes for optimal white-light OLEDs. <i>Chemical Communications</i> , 2012, 48, 5817.	4.1	132
33	Iridium(III) bis-terpyridine complexes incorporating pendent N-methylpyridinium groups: luminescent sensors for chloride ions. <i>Dalton Transactions RSC</i> , 2000, , 2893-2895.	2.3	127
34	Title is missing!. <i>Chemical Communications</i> , 2001, , 2514-2515.	4.1	124
35	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> , 2001, , 1268-1273.	1.1	123
36	Luminescent Platinum Compounds: From Molecules to OLEDs. <i>Topics in Organometallic Chemistry</i> , 2010, , 75-111.	0.7	117

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37	Single-dopant organic white electrophosphorescent diodes with very high efficiency and its reduced current density roll-off. <i>Applied Physics Letters</i> , 2007, 90, 163508.	3.3	114
38	Synthesis and Luminescence of a Charge-Neutral, Cyclometalated Iridium(III) Complex Containing N <sup>3</sup> - and C <sup>3</sup> -Coordinating Terdentate Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 6513-6515.	4.0	113
39	Synthesis, Structural Studies, Theoretical Calculations, and Linear and Nonlinear Optical Properties of Terpyridyl Lanthanide Complexes: A New Evidence for the Contribution of f Electrons to the NLO Activity. <i>Journal of the American Chemical Society</i> , 2006, 128, 12243-12255.	13.7	113
40	A New Class of Iridium Complexes Suitable for Stepwise Incorporation into Linear Assemblies: Synthesis, Electrochemistry, and Luminescence. <i>Inorganic Chemistry</i> , 2008, 47, 6596-6607.	4.0	113
41	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> , 2001, 25, 1136-1147.	2.8	112
42	The luminescence properties of multinuclear platinum complexes. <i>Coordination Chemistry Reviews</i> , 2018, 367, 127-162.	18.8	111
43	Synthesis, Structure, and Photophysical Properties of Luminescent Platinum(II) Complexes Containing Cyclometalated 4-Styryl-Functionalized 2-Phenylpyridine Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 8584-8596.	4.0	107
44	Synthesis, Mesomorphism, and Luminescent Properties of Calamitic 2-Phenylpyridines and Their Complexes with Platinum(II). <i>Chemistry of Materials</i> , 2009, 21, 3871-3882.	6.7	106
45	Intramolecular sensitisation of lanthanide(III) luminescence by acetophenone-containing ligands: the critical effect of para-substituents and solvent. <i>Dalton Transactions RSC</i> , 2002, , 48-54.	2.3	104
46	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> , 2013, 23, 384-393.	14.9	104
47	Luminescence from ytterbium(III) and its complexes in solution. <i>Chemical Communications</i> , 1997, , 1401-1402.	4.1	102
48	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> , 2017, 23, 407-418.	3.3	102
49	Two-Photon Antenna Effect Induced in Octupolar Europium Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 2659-2665.	4.0	100
50	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> , 2011, 21, 15501.	6.7	100
51	Cyclometalated Platinum(II) Complexes of Pyrazole-Based, N <sup>3</sup> -C <sup>3</sup> -N-Coordinating, Terdentate Ligands: the Contrasting Influence of Pyrazolyl and Pyridyl Rings on Luminescence. <i>Inorganic Chemistry</i> , 2008, 47, 11129-11142.	4.0	98
52	Highly efficient near-infrared organic excimer electrophosphorescent diodes. <i>Applied Physics Letters</i> , 2007, 90, 023506.	3.3	97
53	Mixing of molecular exciton and excimer phosphorescence to tune color and efficiency of organic LEDs. <i>Organic Electronics</i> , 2010, 11, 388-396.	2.6	97
54	Iridium(III) bis-terpyridine complexes displaying long-lived pH sensitive luminescence. <i>Chemical Communications</i> , 1999, , 1943-1944.	4.1	96

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55	Excimer-based red/near-infrared organic light-emitting diodes with very high quantum efficiency. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	93
56	Linear and Nonlinear Optical Properties of Cationic Bipyridyl Iridium(III) Complexes: Tunable and Photoswitchable?. <i>Inorganic Chemistry</i> , 2011, 50, 5027-5038.	4.0	93
57	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> , 2012, 51, 3813-3826.	4.0	93
58	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> , 1995, , 1305.	0.9	91
59	enantio-Enriched CPL-active heliceneâ€“bipyridineâ€“rhenium complexes. <i>Chemical Communications</i> , 2015, 51, 3754-3757.	4.1	91
60	Photochemical investigations of functionalised 1,4,7,10-tetraazacyclododecane ligands incorporating naphthyl chromophores. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 1565.	0.9	90
61	Highly Luminescent Dinuclear Platinum(II) Complexes Incorporating Bis-Cyclometallating Pyrazine-Based Ligands: A Versatile Approach to Efficient Red Phosphors. <i>Inorganic Chemistry</i> , 2013, 52, 10992-11003.	4.0	90
62	Tripletâ”Triplet Energy Transfer between Porphyrins Linked via a Ruthenium(II) Bisterpyridine Complex. <i>Inorganic Chemistry</i> , 1999, 38, 661-667.	4.0	88
63	Color-variable highly efficient organic electrophosphorescent diodes manipulating molecular exciton and excimer emissions. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	86
64	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> , 2009, , 1728.	3.3	85
65	Emissive Metallomesogens Based on 2-Phenylpyridine Complexes of Iridium(III). <i>Journal of the American Chemical Society</i> , 2011, 133, 5248-5251.	13.7	84
66	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn <sup>2+</sup> binding. <i>Chemical Communications</i> , 2016, 52, 5932-5935.	4.1	83
67	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> , 1997, , 3623-3636.	1.1	82
68	Cross-couplings in the elaboration of luminescent bis-terpyridyl iridium complexes: the effect of extended or inhibited conjugation on emission. <i>Dalton Transactions</i> , 2004, , 623.	3.3	82
69	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> , 2011, 50, 6304-6313.	4.0	81
70	Novel N <sup>C</sup> N-cyclometalated platinum complexes with acetylide co-ligands as efficient phosphors for OLEDs. <i>Journal of Materials Chemistry</i> , 2012, 22, 10650.	6.7	81
71	pH Dependence of the energy transfer mechanism in a phenanthridine-appended ytterbium complexNear-IR luminescence and energy transfer in lanthanide complexes. Part 2.1. <i>Dalton Transactions RSC</i> , 2002, , 1918-1922.	2.3	80
72	The synthesis of 4-aryl substituted terpyridines by Suzuki cross-coupling reactions: substituent effects on ligand fluorescence. <i>Perkin Transactions II RSC</i> , 2002, , 1669-1681.	1.1	79

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73	Assembly of $\pi$ -Conjugated Phosphole Azahelicene Derivatives into Chiral Coordination Complexes: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 5976-6005.	3.3	79
74	Photoinduced Processes in Highly Coupled Multicomponent Arrays Based on a Ruthenium(II)Bis(terpyridine) Complex and Porphyrins. <i>Chemistry - A European Journal</i> , 1998, 4, 1744-1754.	3.3	78
75	Taking advantage of the pH and pO <sub>2</sub> sensitivity of a luminescent macrocyclic terbium phenanthridyl complex. <i>Chemical Communications</i> , 1998, , 245-246.	4.1	78
76	Tissue-specific Expression and Dimerization of the Endoplasmic Reticulum Oxidoreductase Ero1 $\beta$ . <i>Journal of Biological Chemistry</i> , 2005, 280, 33066-33075.	3.4	78
77	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> , 2011, 21, 8653.	6.7	78
78	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> , 2014, 2, 1791.	5.5	78
79	Cyclometallated platinum(ii) complexes incorporating ethynyl $\pi$ -flavone ligands: switching between triplet and singlet emission induced by selective binding of Pb <sup>2+</sup> ions. <i>Chemical Communications</i> , 2008, , 4333.	4.1	76
80	Luminescent Platinum Complexes with Terdentate Ligands Forming 6-Membered Chelate Rings: Advantageous and Deleterious Effects in N <sup>+</sup> N <sup>+</sup> and N <sup>+</sup> C <sup>+</sup> N <sup>+</sup> -Coordinated Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 476-487.	4.0	73
81	From red to near infra-red OLEDs: the remarkable effect of changing from X = $\pi$ -Cl to $\pi$ -NCS in a cyclometallated [Pt(N $\pi$ SC $\pi$ N)X] complex {N $\pi$ SC $\pi$ N = 5-mesityl-1,3-di-(2-pyridyl)benzene}. <i>Chemical Communications</i> , 2012, 48, 3182.	4.1	72
82	Closely diffusing O-H, amide N-H and methylene C-H oscillators quench the excited state of europium complexes in solution. <i>Chemical Communications</i> , 1996, , 697-698.	4.1	70
83	When two are better than one: bright phosphorescence from non-stereogenic dinuclear iridium( $\mu$ -) complexes. <i>Dalton Transactions</i> , 2016, 45, 6949-6962.	3.3	70
84	Extent of hydration of octadentate lanthanide complexes incorporating phosphinate donors: solution relaxometry and luminescence studies. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 17.	1.1	69
85	Probing the Excited State Properties of the Highly Phosphorescent Pt(dpyb)Cl Compound by High-Resolution Optical Spectroscopy. <i>Inorganic Chemistry</i> , 2009, 48, 11407-11414.	4.0	68
86	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> , 2019, 11, 8182-8193.	8.0	67
87	Cyclometallated, bis-terdentate iridium complexes as linearly expandable cores for the construction of multimetallic assemblies. <i>Dalton Transactions</i> , 2009, , 3929.	3.3	65
88	Ditopic bis-terdentate cyclometallating ligands and their highly luminescent dinuclear iridium( $\mu$ -) complexes. <i>Chemical Communications</i> , 2014, 50, 6831-6834.	4.1	65
89	Photochromic Metal Complexes: Photoregulation of both the Nonlinear Optical and Luminescent Properties. <i>Inorganic Chemistry</i> , 2012, 51, 5627-5636.	4.0	64
90	Platinum(II) Complexes of N <sup>+</sup> C <sup>+</sup> N <sup>+</sup> -Coordinating 1,3-Bis(2-pyridyl)benzene Ligands: Thiolate Coligands Lead to Strong Red Luminescence from Charge-Transfer States. <i>Inorganic Chemistry</i> , 2014, 53, 5738-5749.	4.0	64

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91	Long-lived Circularly Polarized Phosphorescence in Helicene-NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8394-8400.	13.8	64
92	The efficient intramolecular sensitisation of terbium(III) and europium(III) by benzophenone-containing ligands. <i>Perkin Transactions II RSC</i> , 2000, , 1281-1283.	1.1	62
93	Multifunctional and Reactive Enantiopure Organometallic Helicenes: Tuning Chiroptical Properties by Structural Variations of Mono- and Bis(platinahelicene)s. <i>Chemistry - A European Journal</i> , 2011, 17, 14178-14198.	3.3	62
94	A Novel Luminescence-Based Colorimetric Oxygen Sensor with a "Traffic Light" Response. <i>Journal of Fluorescence</i> , 2006, 16, 201-206.	2.5	61
95	Phosphorescent Mesomorphic Dyads Based on Tetraacetylene Complexes of Iridium(III). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 95-98.	13.8	61
96	Boronic acid-substituted metal complexes: versatile building blocks for the synthesis of multimetallic assemblies. <i>Chemical Communications</i> , 2005, , 230.	4.1	60
97	Linear and Nonlinear Optical Properties of Tris-cyclometalated Phenylpyridine Ir(III) Complexes Incorporating $\pi$ -Conjugated Substituents. <i>Inorganic Chemistry</i> , 2013, 52, 7987-7994.	4.0	60
98	Circularly Polarized Luminescence from Chiral Octadentate Complexes of Yb(III) in the Near-Infrared. <i>Journal of the American Chemical Society</i> , 1998, 120, 10563-10564.	13.7	59
99	Luminescent chemosensors for pH, halide and hydroxide ions based on kinetically stable, macrocyclic europium-phenanthridinium conjugates. <i>Chemical Communications</i> , 1997, , 1777-1778.	4.1	57
100	Bi-molecular emissive excited states in platinum (II) complexes for high-performance organic light-emitting diodes. <i>Chemical Physics</i> , 2010, 378, 47-57.	1.9	57
101	Platinum and palladium complexes of fluorenyl porphyrins as red phosphors for light-emitting devices. <i>New Journal of Chemistry</i> , 2011, 35, 438-444.	2.8	57
102	Intramolecular excimers based on rigidly-linked platinum(ii) complexes: intense deep-red triplet luminescence in solution. <i>Dalton Transactions</i> , 2008, , 4562.	3.3	56
103	Phosphorescent, liquid-crystalline complexes of platinum(ii): influence of the $\beta^2$ -diketonate co-ligand on mesomorphism and emission properties. <i>Dalton Transactions</i> , 2012, 41, 14244.	3.3	56
104	The Measurement of Circular Polarization in the Near-IR Luminescence from Chiral Complexes of Yb(III) and Nd(III). <i>Journal of Physical Chemistry A</i> , 2000, 104, 6709-6717.	2.5	54
105	Synthesis and pH-sensitive luminescence of bis-terpyridyl iridium(III) complexes incorporating pendent pyridyl groups. <i>Inorganica Chimica Acta</i> , 2006, 359, 1222-1232.	2.4	54
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> , 2012, 48, 1260-1262.	4.1	54
107	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> , 2006, , 2172-2174.	3.3	51
108	Modulating the luminescence of an iridium(III) complex incorporating a di(2-picoly)anilino-appended bipyridine ligand with Zn <sup>2+</sup> cations. <i>New Journal of Chemistry</i> , 2010, 34, 21-24.	2.8	51

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109	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> , 2013, 19, 9875-9883.	3.3	48
110	Highly efficient exciplex phosphorescence from organic light-emitting diodes. <i>Chemical Physics Letters</i> , 2006, 433, 145-149.	2.6	45
111	Cyclometalated platinum(ii) complexes containing pyridyl-acetylide ligands: the selective influence of lead binding on luminescence. <i>Dalton Transactions</i> , 2010, 39, 707-710.	3.3	45
112	Nuclear magnetic resonance studies of neutral lanthanide(III) complexes with tetraaza-macrocyclic ligands containing three phosphinate and one carboxamide co-ordinating arms. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2259.	1.1	43
113	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. <i>Dalton Transactions RSC</i> , 2000, , 1873-1880.	2.3	43
114	Near infra-red luminescence from bis-terpyridyl iridium(III) complexes incorporating electron-rich pendants. <i>Polyhedron</i> , 2004, 23, 2769-2777.	2.2	43
115	Time-Resolved Emission Imaging Microscopy Using Phosphorescent Metal Complexes: Taking FLIM and PLIM to New Lengths. <i>Structure and Bonding</i> , 2014, , 205-256.	1.0	43
116	Extended ligand conjugation and dinuclearity as a route to efficient platinum-based near-infrared (NIR) triplet emitters and solution-processed NIR-OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 127-135.	5.5	42
117	Bright orange/red-emitting rhodium(III) and iridium(III) complexes: tridentate N <sup>C</sup> N-cyclometalating ligands lead to high luminescence efficiencies. <i>Dalton Transactions</i> , 2013, 42, 10388.	3.3	41
118	Site-Selective Benzannulation of <i>N</i> -Heterocycles in Bidentate Ligands Leads to Blue-Shifted Emission from [(P <sup>N</sup> ) <sub>2</sub> ( <i>l</i> <sup>1/4</sup> -X) <sub>2</sub> ] Dimers. <i>Inorganic Chemistry</i> , 2018, 57, 4966-4978.	4.0	41
119	Modest effectiveness of carbostyryl 124 as a sensitising chromophore in europium and terbium amide complexes based on 1,4,7,10-tetraazacyclododecane. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 1581.	0.9	39
120	An introduction to thiol redox proteins in the endoplasmic reticulum and a review of current electrochemical methods of detection of thiols. <i>Analyst</i> , 2006, 131, 459.	3.5	39
121	An unprecedented cyclometalated platinum(II) complex incorporating a phosphinine co-ligand: synthesis and photoluminescence behaviour. <i>Dalton Transactions</i> , 2014, 43, 8162-8165.	3.3	39
122	Conformationally regulated fluorescent sensors. Study of the selectivity in Zn <sup>2+</sup> versus Cd <sup>2+</sup> sensing. <i>Tetrahedron</i> , 2004, 60, 6327-6334.	1.9	38
123	Exceptionally fast radiative decay of a dinuclear platinum complex through thermally activated delayed fluorescence. <i>Chemical Science</i> , 2021, 12, 6172-6180.	7.4	37
124	Two-photon phosphorescence lifetime imaging of cells and tissues using a long-lived cyclometalated N <sub>2</sub> pyridyl <sup>C</sup> phenyl <sup>N</sup> pyridyl Pt(II) complex. <i>RSC Advances</i> , 2014, 4, 35003-35008.	3.6	36
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