

J A Gareth Williams

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204
papers

14,886
citations

70
h-index

116
g-index

213
ext. papers

15,956
ext. citations

6
avg, IF

6.68
L-index

#	Paper	IF	Citations
204	Brightly Luminescent Platinum Complexes of Ligands Forming Six-Membered Chelate Rings: Offsetting Deleterious Ring Size Effects Using Site-Selective Benzannulation. <i>Inorganic Chemistry</i> , 2021 , 60, 16881-16894	5.1	0
203	Platinum(II) Complexes of Tridentate -Coordinating Ligands Based on Imides, Amides, and Hydrazides: Synthesis and Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 335-347	2.3	0
202	Enantioenriched Ruthenium-Tris-Bipyridine Complexes Bearing One Helical Bipyridine Ligand: Access to Fused Multihelicenic Systems and Chiroptical Redox Switches. <i>Inorganic Chemistry</i> , 2021 , 60, 11838-11851	5.1	4
201	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	7.1	19
200	The role of dinuclearity in promoting thermally activated delayed fluorescence (TADF) in cyclometallated, N [^] C [^] N-coordinated platinum(II) complexes. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10276-10287	7.1	3
199	Exceptionally fast radiative decay of a dinuclear platinum complex through thermally activated delayed fluorescence. <i>Chemical Science</i> , 2021 , 12, 6172-6180	9.4	14
198	Helically Chiral NHC-Gold(I) Complexes: Synthesis, Chiroptical Properties and Electronic Features of the [5]Helicene-Imidazolylidene Ligand. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4769-4776	3.2	1
197	Synthesis, mesomorphism, photophysics and device performance of liquid-crystalline pincer complexes of gold(III). <i>Journal of Materials Chemistry C</i> , 2021 , 9, 1287-1302	7.1	5
196	Narrow-band red phosphors of high colour purity based on Eu ³⁺ -activated apatite-type Gd _{9.33} (SiO ₄) ₆ O ₂ . <i>Journal of Materials Chemistry C</i> , 2021 , 9, 7474-7484	7.1	2
195	Triskelion-shaped iridium-helicene NHC complex. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3916-3925	6.8	2
194	Long-Lived Circularly Polarized Phosphorescence in Helicene-NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. <i>Angewandte Chemie</i> , 2020 , 132, 8472-8478	3.6	10
193	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	16.4	28
192	Rotaxane Pt-complexes: mechanical bonding for chemically robust luminophores and stimuli responsive behaviour. <i>Chemical Science</i> , 2020 , 11, 1839-1847	9.4	18
191	Mono and dinuclear iridium(III) complexes featuring bis-tridentate coordination and Schiff-base bridging ligands: the beneficial effect of a second metal ion on luminescence. <i>Dalton Transactions</i> , 2020 , 49, 10463-10476	4.3	6
190	Dinuclear Rhenium Complexes with a Bridging Helicene-bis-bipyridine Ligand: Synthesis, Structure, and Photophysical and Chiroptical Properties. <i>ChemPlusChem</i> , 2020 , 85, 2446-2454	2.8	4
189	Deep-Red Luminescence from Platinum(II) Complexes of [^] -Amido Ligands with Benzannulated -Heterocyclic Donor Arms. <i>Inorganic Chemistry</i> , 2020 , 59, 12504-12517	5.1	10
188	Luminescent Platinum(II) Complexes of [^] Amido Ligands with Benzannulated -Heterocyclic Donor Arms: Quinolines Offer Unexpectedly Deeper Red Phosphorescence than Phenanthridines. <i>Inorganic Chemistry</i> , 2019 , 58, 14808-14817	5.1	23

187	A family of readily synthesised phosphorescent platinum(ii) complexes based on tridentate N^N^O-coordinating Schiff-base ligands. <i>Dalton Transactions</i> , 2019 , 48, 15012-15028	4.3	7
186	Quantification of energy transfer in bimetallic Pt(ii)-Ln(iii) complexes featuring an N^C^N-cyclometallating ligand. <i>Dalton Transactions</i> , 2019 , 48, 2142-2149	4.3	2
185	Exploiting synergy between ligand design and counterion interactions to boost room temperature phosphorescence from Cu(I) compounds. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3772-3778	7.1	19
184	Single-phase white-emitting phosphors based on apatite-type gadolinium silicate, Gd _{9.33} (SiO ₄) ₆ O ₂ doped with Dy ³⁺ , Eu ³⁺ and Tb ³⁺ . <i>Journal of Materials Chemistry C</i> , 2019 , 7, 7779-7787	7.1	15
183	A Highly Luminescent Tetrahydrocurcumin Ir Complex with Remarkable Photoactivated Anticancer Activity. <i>Chemistry - A European Journal</i> , 2019 , 25, 7948-7952	4.8	23
182	Homoleptic platinum(II) complexes with pyridyltriazole ligands: excimer-forming phosphorescent emitters for solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6592-6606	7.1	12
181	An Enantiopure Cyclometallated Iridium Complex Displaying Long-Lived Phosphorescence both in Solution and in the Solid State. <i>Helvetica Chimica Acta</i> , 2019 , 102, e1900044	2	19
180	Dinuclear Design of a Pt(II) Complex Affording Highly Efficient Red Emission: Photophysical Properties and Application in Solution-Processible OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8182-8193	9.5	43
179	Fluorenylporphyrins functionalized by electrochromic ruthenium units as redox-triggered fluorescence switches. <i>Dalton Transactions</i> , 2019 , 48, 11897-11911	4.3	4
178	Tuning Mg(II) Selectivity: Comparative Analysis of the Photophysical Properties of Four Fluorescent Probes with an Alkynyl-Naphthalene Fluorophore. <i>Chemistry - A European Journal</i> , 2018 , 24, 6432-6441	4.8	4
177	On the Antibacterial Activity of Azacarboxylate Ligands: Lowered Metal Ion Affinities for Bis-amide Derivatives of EDTA do not mean Reduced Activity. <i>Chemistry - A European Journal</i> , 2018 , 24, 7137-7148	4.8	3
176	Site-Selective Benzannulation of N-Heterocycles in Bidentate Ligands Leads to Blue-Shifted Emission from [(P^N)Cu](X) Dimers. <i>Inorganic Chemistry</i> , 2018 , 57, 4966-4978	5.1	31
175	Enhanced selectivity for Mg with a phosphinate-based chelate: APDAP versus APTRA. <i>Dalton Transactions</i> , 2018 , 47, 1879-1887	4.3	8
174	APTRA-Based Luminescent Lanthanide Complexes Displaying Enhanced Selectivity for Mg. <i>Chemistry - A European Journal</i> , 2018 , 24, 7724-7733	4.8	7
173	The luminescence properties of multinuclear platinum complexes. <i>Coordination Chemistry Reviews</i> , 2018 , 367, 127-162	23.2	73
172	Synthesis, Mesomorphism, and Photophysics of 2,5-Bis(dodecyloxyphenyl)pyridine Complexes of Platinum(IV). <i>Chemistry - A European Journal</i> , 2018 , 24, 19010-19023	4.8	10
171	Rigidly linking cyclometallated Ir(iii) and Pt(ii) centres: an efficient approach to strongly absorbing and highly phosphorescent red emitters. <i>Chemical Communications</i> , 2017 , 53, 2729-2732	5.8	34
170	Monoamide Derivatives of EDTA Incorporating Pendent Carboxylates or Pyridyls: Synthesis, Metal Binding, and Crystal Structure of a Dinuclear Ca ²⁺ Complex Featuring Bridging Na ⁺ Ions. <i>ChemistrySelect</i> , 2017 , 2, 5045-5050	1.8	1

169	Enantiopure Cycloiridiated Complexes Bearing a Pentahelical N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8236-8239	16.4	110
168	Tuning the dipolar second-order nonlinear optical properties of 5- <i>H</i> -delocalized-donor-1,3-di(2-pyridyl)benzenes, related cyclometallated platinum(ii) complexes and methylated salts. <i>Dalton Transactions</i> , 2017 , 46, 1179-1185	4.3	10
167	Monothiatruxene: a new versatile core for functional materials. <i>RSC Advances</i> , 2017 , 7, 49532-49535	3.7	8
166	Photon Funnels for One-Way Energy Transfer: Multimetallic Assemblies Incorporating Cyclometallated Iridium or Rhodium Units Accessed by Sequential Cross-Coupling and Bromination. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5205-5214	2.3	6
165	Strategies for the synthesis of HBGL3, a glutamic acid derived ligand bearing phenolic and azacarboxylate donor groups at the nitrogen atom. <i>Tetrahedron</i> , 2017 , 73, 6410-6420	2.4	2
164	Solvent polarity and oxygen sensitivity, rather than viscosity, determine lifetimes of biaryl-sensitised terbium luminescence. <i>Chemical Communications</i> , 2017 , 53, 13344-13347	5.8	13
163	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	4.8	68
162	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	4.8	117
161	New N ^C N-coordinated Pd(ii) and Pt(ii) complexes of a tridentate N-heterocyclic carbene ligand featuring a 6-membered central ring: synthesis, structures and luminescence. <i>Dalton Transactions</i> , 2016 , 45, 12644-8	4.3	17
160	When two are better than one: bright phosphorescence from non-stereogenic dinuclear iridium(III) complexes. <i>Dalton Transactions</i> , 2016 , 45, 6949-62	4.3	59
159	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn(2+) binding. <i>Chemical Communications</i> , 2016 , 52, 5932-5	5.8	69
158	Bimetallic Gold(I) Complexes with Ethynyl-Helicene and Bis-Phosphole Ligands: Understanding the Role of Auophilic Interactions in their Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2016 , 22, 6075-86	4.8	14
157	Synthesis and Luminescence Properties of Cycloplatinated Complexes with a Chelating N ^C Pyridine-Derived N-Heterocyclic Carbene [Influence of 2,4,6-Triphenylphosphine versus Triphenylphosphine. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 761-767	2.3	17
156	Pressure-induced variations of MLCT and ligand-centered luminescence spectra in square-planar platinum(II) complexes. <i>Polyhedron</i> , 2016 , 108, 151-155	2.7	10
155	Two-photon absorption properties and (1)O ₂ generation ability of Ir complexes: an unexpected large cross section of [Ir(CO)2Cl(4-(para-di-n-butylaminostyryl)pyridine)]. <i>Dalton Transactions</i> , 2015 , 44, 15712-20	4.3	17
154	Highly efficient acido-triggered reversible luminescent and nonlinear optical switch based on 5- <i>H</i> -delocalized-donor-1,3-di(2-pyridyl)benzenes. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7421-7427	7.1	12
153	New donor-acceptor conjugates based on a trifluorenylporphyrin linked to a redox-switchable ruthenium unit. <i>Dalton Transactions</i> , 2015 , 44, 9470-85	4.3	15
152	Green-blue light-emitting platinum(II) complexes of cyclometallated 4,6-difluoro-1,3-dipyridylbenzenes showing mesophase organisation. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10177-10187	7.1	16

151	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, 1673-81	4.8	126
150	A heterotrimetallic Ir(III), Au(III) and Pt(II) complex incorporating cyclometallating bi- and tridentate ligands: simultaneous emission from different luminescent metal centres leads to broad-band light emission. <i>Dalton Transactions</i> , 2015 , 44, 8394-405	4.3	24
149	Luminescent bis-cyclometallated iridium(III) complexes containing phosphine-based ligands: Influence of the P [^] N bridge. <i>Polyhedron</i> , 2015 , 86, 120-124	2.7	8
148	Pd-Catalyzed Functionalization of the Thenoyltrifluoroacetone Coligands by Aromatic Dyes in Bis(cyclometallated) Ir(III) Complexes: From Phosphorescence to Fluorescence? <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2956-2964	2.3	9
147	enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , 2015 , 51, 3754-7	5.8	70
146	Platinum(II) complexes with cyclometallated 5- π -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	7.1	61
145	Ditopic bis-terdentate cyclometallating ligands and their highly luminescent dinuclear iridium(III) complexes. <i>Chemical Communications</i> , 2014 , 50, 6831-4	5.8	61
144	An unprecedented cyclometallated platinum(II) complex incorporating a phosphinine co-ligand: synthesis and photoluminescence behaviour. <i>Dalton Transactions</i> , 2014 , 43, 8162-5	4.3	31
143	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	9.4	139
142	New fluorescent bis-dithienylethene (DTE)-based bipyridines as reverse interrupters: single vs. double photochromism. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 979-92	3.9	8
141	Two-photon phosphorescence lifetime imaging of cells and tissues using a long-lived cyclometallated Npyridyl [^] Cphenyl [^] Npyridyl Pt(II) complex. <i>RSC Advances</i> , 2014 , 4, 35003-35008	3.7	31
140	Platinum(II) complexes of N [^] C [^] N-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, 5738-49	5.1	51
139	Straightforward access to mono- and bis-cycloplatinated helicenes that display circularly polarized phosphorescence using crystallization resolution methods. <i>Chemical Science</i> , 2014 , 5, 1915-1927	9.4	99
138	Time-Resolved Emission Imaging Microscopy Using Phosphorescent Metal Complexes: Taking FLIM and PLIM to New Lengths. <i>Structure and Bonding</i> , 2014 , 205-256	0.9	35
137	Influence of the metal ion on the two-photon absorption properties of lanthanide complexes including near-IR emitters. <i>ChemPhysChem</i> , 2013 , 14, 3361-7	3.2	31
136	Synthesis of platinum complexes of fluorenyl-substituted porphyrins used as phosphorescent dyes for solution-processed organic light-emitting devices. <i>Tetrahedron</i> , 2013 , 69, 9625-9632	2.4	12
135	Palladium-catalyzed direct arylation of luminescent bis-cyclometalated iridium(III) complexes incorporating C [^] N- or O [^] O-coordinating thiophene-based ligands: an efficient method for color tuning. <i>Inorganic Chemistry</i> , 2013 , 52, 12416-28	5.1	26
134	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, 10992-1003	5.1	83

133	Responsive microsecond-lifetime photoluminescent probes for analysis of protein kinases and their inhibitors. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 1330-5	4	11
132	Bright orange/red-emitting rhodium(III) and iridium(III) complexes: tridentate N ^C N-cyclometallating ligands lead to high luminescence efficiencies. <i>Dalton Transactions</i> , 2013 , 42, 10388-93	4.3	36
131	Tuning the dipolar second-order nonlinear optical properties of cyclometalated platinum(II) complexes with tridentate N ^C N binding ligands. <i>Chemistry - A European Journal</i> , 2013 , 19, 9875-83	4.8	41
130	Linear and nonlinear optical properties of tris-cyclometalated phenylpyridine Ir(III) complexes incorporating π conjugated substituents. <i>Inorganic Chemistry</i> , 2013 , 52, 7987-94	5.1	52
129	Energy Upconversion via Triplet Fusion in Super Yellow PPV Films Doped with Palladium Tetrphenyltetrabenzoporphyrin: a Comprehensive Investigation of Exciton Dynamics. <i>Advanced Functional Materials</i> , 2013 , 23, 384-393	15.6	90
128	Metal Complexes of Pincer Ligands: Excited States, Photochemistry, and Luminescence. <i>Topics in Organometallic Chemistry</i> , 2013 , 89-129	0.6	30
127	Iridium and platinum complexes for OLEDs 2013 , 77-113		17
126	Phosphorescent mesomorphic dyads based on tetraacetylene complexes of iridium(III). <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 95-8	16.4	56
125	Blue-shifting the monomer and excimer phosphorescence of tridentate cyclometallated platinum(II) complexes for optimal white-light OLEDs. <i>Chemical Communications</i> , 2012 , 48, 5817-9	5.8	119
124	From red to near infra-red OLEDs: the remarkable effect of changing from X = -Cl to -NCS in a cyclometallated [Pt(N ^C N)X] complex {N ^C N = 5-mesityl-1,3-di-(2-pyridyl)benzene}. <i>Chemical Communications</i> , 2012 , 48, 3182-4	5.8	60
123	Phosphorescent, liquid-crystalline complexes of platinum(II): influence of the β diketonate co-ligand on mesomorphism and emission properties. <i>Dalton Transactions</i> , 2012 , 41, 14244-56	4.3	47
122	Divergent luminescence behaviour from differential interactions in dinuclear Pt, Au, and mixed Pt-Au complexes built on a xanthene scaffold. <i>Chemical Communications</i> , 2012 , 48, 5980-2	5.8	25
121	Novel N ^C N-cyclometallated platinum complexes with acetylide co-ligands as efficient phosphors for OLEDs. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10650		66
120	Improving the performance of Pt(II) complexes for blue light emission by enhancing the molecular rigidity. <i>Inorganic Chemistry</i> , 2012 , 51, 312-9	5.1	183
119	Lighting the way to see inside the live cell with luminescent transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 1762-1785	23.2	380
118	Photochromic metal complexes: photoregulation of both the nonlinear optical and luminescent properties. <i>Inorganic Chemistry</i> , 2012 , 51, 5627-36	5.1	60
117	Palladium-catalysed direct arylation of a tris-cyclometallated Ir(III) complex bearing 2,2'-thienylpyridine ligands: a powerful tool for the tuning of luminescence properties. <i>Chemical Communications</i> , 2012 , 48, 1260-2	5.8	51
116	Luminescent iridium(III) complexes with N ^C N-coordinated terdentate ligands: dual tuning of the emission energy and application to organic light-emitting devices. <i>Inorganic Chemistry</i> , 2012 , 51, 3813-26	5.1	85

115	Linear and nonlinear optical properties of cationic bipyridyl iridium(III) complexes: tunable and photoswitchable?. <i>Inorganic Chemistry</i> , 2011 , 50, 5027-38	5.1	90
114	Phosphorescence vs fluorescence in cyclometalated platinum(II) and iridium(III) complexes of (oligo)thienylpyridines. <i>Inorganic Chemistry</i> , 2011 , 50, 3804-15	5.1	185
113	Emissive metallomesogens based on 2-phenylpyridine complexes of iridium(III). <i>Journal of the American Chemical Society</i> , 2011 , 133, 5248-51	16.4	79
112	Platinum and palladium complexes of fluorenyl porphyrins as red phosphors for light-emitting devices. <i>New Journal of Chemistry</i> , 2011 , 35, 438-444	3.6	44
111	Cyclometallated 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		89
110	Light-emitting devices based on organometallic platinum complexes as emitters. <i>Coordination Chemistry Reviews</i> , 2011 , 255, 2401-2425	23.2	422
109	Metal Cation Induced Modulation of the Photophysical Properties of a Platinum(II) Complex Featuring a Dipicolylanilinoacetylide Ligand. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1255-1259	2.3	16
108	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, 14178-14188	4.8	56
107	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		70
106	Switching of excited states in cyclometalated platinum complexes incorporating pyridyl-acetylide ligands (Pt π C π Py): a combined experimental and theoretical study. <i>New Journal of Chemistry</i> , 2011 , 35, 2196	3.6	22
105	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, 6304-13	5.1	74
104	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, 8743-5	5.8	143
103	Cyclometallated platinum(II) complexes containing pyridyl-acetylide ligands: the selective influence of lead binding on luminescence. <i>Dalton Transactions</i> , 2010 , 39, 707-10	4.3	41
102	Luminescent Platinum Compounds: From Molecules to OLEDs. <i>Topics in Organometallic Chemistry</i> , 2010 , 75-111	0.6	108
101	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> , 2010 , 49, 476-87	5.1	66
100	Modulating the luminescence of an iridium(III) complex incorporating a di(2-picoly)anilino-appended bipyridine ligand with Zn ²⁺ cations. <i>New Journal of Chemistry</i> , 2010 , 34, 21-24	3.6	51
99	Bi-molecular emissive excited states in platinum (II) complexes for high-performance organic light-emitting diodes. <i>Chemical Physics</i> , 2010 , 378, 47-57	2.3	53
98	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	4.8	75

97	Metallahelicenes: easily accessible helicene derivatives with large and tunable chiroptical properties. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 99-102	16.4	126
96	Mixing of molecular exciton and excimer phosphorescence to tune color and efficiency of organic LEDs. <i>Organic Electronics</i> , 2010 , 11, 388-396	3.5	87
95	Unified approach to electroluminescence efficiency in organic light-emitting diodes. <i>Organic Electronics</i> , 2010 , 11, 724-730	3.5	20
94	Color-variable highly efficient organic electrophosphorescent diodes manipulating molecular exciton and excimer emissions. <i>Applied Physics Letters</i> , 2009 , 94, 073309	3.4	76
93	Probing the excited state properties of the highly phosphorescent Pt(dpyb)Cl compound by high-resolution optical spectroscopy. <i>Inorganic Chemistry</i> , 2009 , 48, 11407-14	5.1	58
92	The coordination chemistry of dipyrindylbenzene: N-deficient terpyridine or panacea for brightly luminescent metal complexes?. <i>Chemical Society Reviews</i> , 2009 , 38, 1783-801	58.5	250
91	Probing exciton localization/delocalization: transient dc photoconductivity studies of excited states of symmetrical porphyrin monomers, oligomers, and supramolecular assemblies. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 8182-6	2.8	8
90	Synthesis, Mesomorphism, and Luminescent Properties of Calamitic 2-Phenylpyridines and Their Complexes with Platinum(II). <i>Chemistry of Materials</i> , 2009 , 21, 3871-3882	9.6	98
89	A reverse interrupter—the novel molecular design of a fluorescent photochromic DTE-based bipyridine. <i>New Journal of Chemistry</i> , 2009 , 33, 1320	3.6	27
88	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 , 1728-41	4.3	75
87	Excited state surfaces in density functional theory: a new twist on an old problem. <i>Journal of Chemical Physics</i> , 2009 , 131, 091101	3.9	150
86	Cyclometallated, bis-terdentate iridium complexes as linearly expandable cores for the construction of multimetallic assemblies. <i>Dalton Transactions</i> , 2009 , 3929-40	4.3	60
85	Light-emitting iridium complexes with tridentate ligands. <i>Dalton Transactions</i> , 2008 , 2081-99	4.3	196
84	Efficient sensitization of europium, ytterbium, and neodymium functionalized tris-dipicolinate lanthanide complexes through tunable charge-transfer excited states. <i>Inorganic Chemistry</i> , 2008 , 47, 10258-68	5.1	161
83	Cyclometallated platinum(II) complexes incorporating ethynyl-flavone ligands: switching between triplet and singlet emission induced by selective binding of Pb ²⁺ ions. <i>Chemical Communications</i> , 2008 , 4333-5	5.8	67
82	Intramolecular excimers based on rigidly-linked platinum(II) complexes: intense deep-red triplet luminescence in solution. <i>Dalton Transactions</i> , 2008 , 4562-4	4.3	52
81	A new class of iridium complexes suitable for stepwise incorporation into linear assemblies: synthesis, electrochemistry, and luminescence. <i>Inorganic Chemistry</i> , 2008 , 47, 6596-607	5.1	105
80	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> , 2008 , 47, 11129-42	5.1	91

79	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, 16071-6	11.5	301
78	Excimer-based red/near-infrared organic light-emitting diodes with very high quantum efficiency. <i>Applied Physics Letters</i> , 2008 , 92, 113302	3.4	80
77	Organic light sources look forward to optimize the photosynthesis process. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2008 , 6, 225-230	2.6	16
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