

# Andrew Beeby

## List of Publications by Year in descending order

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191  
papers

11,775  
citations

26567

56  
h-index

30848

102  
g-index

201  
all docs

201  
docs citations

201  
times ranked

11875  
citing authors

#	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	Visible to Infrared Luminescence from a 28-Atom Gold Cluster. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3410-3415.	1.2	538
3	Manipulating Charge-Transfer Character with Electron-Withdrawing Main-Group Moieties for the Color Tuning of Iridium Electrophosphors. <i>Advanced Functional Materials</i> , 2008, 18, 499-511.	7.8	487
4	An Alternative Route to Highly Luminescent Platinum(II) Complexes: Cyclometalation with N <sup>3</sup> C <sup>1</sup> N-Coordinating Dipyridylbenzene Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 8609-8611.	1.9	337
5	Generation of Cytotoxic Singlet Oxygen via Phthalocyanine-Stabilized Gold Nanoparticles: A Potential Delivery Vehicle for Photodynamic Therapy. <i>Langmuir</i> , 2002, 18, 2985-2987.	1.6	295
6	Absolute Measurements of Photoluminescence Quantum Yields of Solutions Using an Integrating Sphere. <i>Journal of Fluorescence</i> , 2006, 16, 267-273.	1.3	285
7	Experimental and Theoretical Studies of the Photophysical Properties of 2- and 2,7-Functionalized Pyrene Derivatives. <i>Journal of the American Chemical Society</i> , 2011, 133, 13349-13362.	6.6	284
8	Structural, Luminescence, and NMR Studies of the Reversible Binding of Acetate, Lactate, Citrate, and Selected Amino Acids to Chiral Diaqua Ytterbium, Gadolinium, and Europium Complexes. <i>Journal of the American Chemical Society</i> , 2002, 124, 12697-12705.	6.6	246
9	Dramatic Increases in the Lifetime of the Er <sup>3+</sup> Ion in a Molecular Complex Using a Perfluorinated Imidodiphosphinate Sensitizing Ligand. <i>Journal of the American Chemical Society</i> , 2005, 127, 524-525.	6.6	235
10	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.	1.7	205
11	The Synthesis and One- and Two-Photon Optical Properties of Dipolar, Quadrupolar and Octupolar Donor-Acceptor Molecules Containing Dimesitylboryl Groups. <i>Chemistry - A European Journal</i> , 2009, 15, 198-208.	1.7	196
12	PHTHALOCYANINE FLUORESCENCE AT HIGH CONCENTRATION: DIMERS OR REABSORPTION EFFECT?. <i>Photochemistry and Photobiology</i> , 1995, 61, 341-346.	1.3	192
13	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.	1.9	175
14	A Re-evaluation of the Photophysical Properties of 1,4-Bis(phenylethynyl)benzene: A Model for Poly(phenyleneethynylene). <i>Journal of the American Chemical Society</i> , 2002, 124, 8280-8284.	6.6	159
15	Preparative, analytical and fluorescence spectroscopic studies of sulphonated aluminium phthalocyanine photosensitizers. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1991, 9, 87-95.	1.7	157
16	Porphyrim sensitization of circularly polarised near-IR lanthanide luminescence: enhanced emission with nucleic acid binding. <i>Chemical Communications</i> , 2000, , 1183-1184.	2.2	150
17	Luminescence from neodymium(III) in solution. <i>Chemical Physics Letters</i> , 1997, 266, 116-122.	1.2	143
18	Applying green chemistry to the photochemical route to artemisinin. <i>Nature Chemistry</i> , 2015, 7, 489-495.	6.6	140

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19	Investigation of two-photon absorption behavior in symmetrical acceptor-acceptor derivatives with dimesitylboryl end-groups. Evidence of new engineering routes for TPA/transparency trade-off optimization. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 600-606.	1.3	131
20	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
21	Synthesis of Novel Phthalocyanine-Tetrathiafulvalene Hybrids; Intramolecular Fluorescence Quenching Related to Molecular Geometry. <i>Journal of Organic Chemistry</i> , 2002, 67, 9130-9139.	1.7	112
22	Tuning the emission of cyclometalated iridium complexes by simple ligand modification. <i>Journal of Materials Chemistry</i> , 2003, 13, 80-83.	6.7	110
23	Tris-Cyclometalated Iridium(III) Complexes of Carbazole(fluorenyl)pyridine Ligands: Synthesis, Redox and Photophysical Properties, and Electrophosphorescent Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , 2007, 13, 1423-1431.	1.7	109
24	Properties of a Stilbene-Containing Gemini Photosurfactant: Light-Triggered Changes in Surface Tension and Aggregation. <i>Langmuir</i> , 2002, 18, 7837-7844.	1.6	104
25	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
26	Luminescence from ytterbium(III) and its complexes in solution. <i>Chemical Communications</i> , 1997, , 1401-1402.	2.2	102
27	Resorcin[4]arene Cavitand-Based Molecular Switches. <i>Advanced Functional Materials</i> , 2006, 16, 147-156.	7.8	92
28	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
29	Conformational Switching of Resorcin[4]arene Cavitands by Protonation, Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2001, 84, 2146-2153.	1.0	86
30	Two-photon absorption and photoluminescence of europium based emissive probes for bioactive systems. <i>Dalton Transactions</i> , 2007, , 5726.	1.6	84
31	Experimental and Theoretical Studies of Quadrupolar Oligothiophene-Cored Chromophores Containing Dimesitylboryl Moieties as Accepting End-Groups: Syntheses, Structures, Fluorescence, and One- and Two-Photon Absorption. <i>Chemistry - A European Journal</i> , 2014, 20, 13618-13635.	1.7	84
32	Time-resolved near-IR luminescence from ytterbium and neodymium complexes of the Lehn cryptand. <i>Inorganic Chemistry Communication</i> , 2001, 4, 187-190.	1.8	82
33	Single-Molecule Conductance of Viologen-Cucurbit[8]uril Host-Guest Complexes. <i>ACS Nano</i> , 2016, 10, 5212-5220.	7.3	82
34	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar systems containing E-dimesitylborylethenyl acceptors. <i>Journal of Materials Chemistry</i> , 2009, 19, 7532.	6.7	81
35	pH Dependence of the energy transfer mechanism in a phenanthridine-appended ytterbium complex. Near-IR luminescence and energy transfer in lanthanide complexes. Part 2.1. <i>Dalton Transactions RSC</i> , 2002, , 1918-1922.	2.3	80
36	Hydroxypyridinone Complexes of Near-Infrared (NIR) Emitting Lanthanides: Sensitization of Holmium(III) and Praseodymium(III) in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9500-9503.	7.2	75

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37	Twisted Tethered Tolanes: Unanticipated Long-Lived Phosphorescence at 77 K. <i>Journal of the American Chemical Society</i> , 2013, 135, 2160-2163.	6.6	75
38	Thermally Induced Defluorination during a <i>mer</i> to <i>fac</i> Transformation of a Blue-Green Phosphorescent Cyclometalated Iridium(III) Complex. <i>Inorganic Chemistry</i> , 2012, 51, 290-297.	1.9	73
39	Cavity Ring-Down Spectroscopy of the Torsional Motions of 1,4-Bis(phenylethynyl)benzene. <i>Journal of Physical Chemistry A</i> , 2006, 110, 2114-2121.	1.1	72
40	2,5-Bis( <i>p</i> -acetylenyl)rhodacyclopentadienes Show Intense Fluorescence: Denying the Presence of a Heavy Atom. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2349-2353.	7.2	72
41	Solubilisation of C60 in aqueous micellar solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 173.	2.0	71
42	The preparation and photophysical measurements of perdeutero zinc phthalocyanine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995, 90, 39-44.	2.0	69
43	Synthesis, spectroscopy and electrochemistry of phthalocyanine derivatives functionalised with four and eight peripheral tetrathiafulvalene units. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 1671-1678.	0.9	69
44	Blending Gelators to Tune Gel Structure and Probe Anion-Induced Disassembly. <i>Chemistry - A European Journal</i> , 2014, 20, 279-291.	1.7	69
45	Acetylenic Quinoxalinoporphyrazines as Photosensitisers for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2003, 9, 1233-1241.	1.7	68
46	Studies of the S1 state in a prototypical molecular wire using picosecond time-resolved spectroscopies. Electronic supplementary information (ESI) available: time-resolved emission spectra, and transient absorption spectra. See <a href="http://www.rsc.org/suppdata/cc/b3/b307005k/">http://www.rsc.org/suppdata/cc/b3/b307005k/</a> . <i>Chemical Communications</i> , 2003, , 2406.	2.2	68
47	Photochemistry of the $\pi$ -Extended 9,10-Bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene System: Generation and Characterisation of the Radical Cation, Dication, and Derived Products. <i>Chemistry - A European Journal</i> , 2001, 7, 973-978.	1.7	67
48	Pyrene-sensitised near-IR luminescence from ytterbium and neodymium complexes. <i>Dalton Transactions</i> , 2004, , 1405-1409.	1.6	63
49	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
50	The Use of Substituted Iridium Complexes in Doped Polymer Electrophosphorescent Devices: The Influence of Triplet Transfer and Other Factors on Enhancing Device Performance. <i>Advanced Functional Materials</i> , 2006, 16, 1043-1050.	7.8	62
51	Raman spectroscopic library of medieval pigments collected with five different wavelengths for investigation of illuminated manuscripts. <i>Analytical Methods</i> , 2018, 10, 1219-1236.	1.3	62
52	Porphyry, Phthalocyanine and Porphyrine Derivatives with Multifluorenyl Substituents as Efficient Deep-Red Emitters. <i>Chemistry - A European Journal</i> , 2007, 13, 6710-6717.	1.7	61
53	Structure and photophysics in C60-micellar solutions. <i>Chemical Physics Letters</i> , 1995, 245, 571-577.	1.2	60
54	Time-dependence of erbium(III) tris(8-hydroxyquinolate) near-infrared photoluminescence: implications for organic light-emitting diode efficiency. <i>Synthetic Metals</i> , 2003, 138, 463-469.	2.1	60

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55	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
56	Fluorescent "Twist"on™ Sensing by Induced Fit Anion Stabilisation of a Planar Chromophore. Chemistry - A European Journal, 2010, 16, 2714-2718.	1.7	58
57	Dual-Modal Magnetic Resonance/Fluorescent Zinc Probes for Pancreatic $\beta$ Cell Mass Imaging. Chemistry - A European Journal, 2015, 21, 5023-5033.	1.7	57
58	Luminescence and upconversion from thulium(iii) species in solution. Physical Chemistry Chemical Physics, 2012, 14, 13378.	1.3	55
59	Guidelines for measurement of luminescence spectra and quantum yields of inorganic and organometallic compounds in solution and solid state (IUPAC Technical Report). Pure and Applied Chemistry, 2016, 88, 701-711.	0.9	55
60	Synthesis of new axially-disubstituted silicon-phthalocyanine derivatives: optical and structural characterisation. Tetrahedron, 2006, 62, 9433-9439.	1.0	54
61	A new precatalyst for the Suzuki reaction—a pyridyl-bridged dinuclear palladium complex as a source of mono-ligated palladium(0). New Journal of Chemistry, 2004, 28, 600-605.	1.4	53
62	Two-photon spectroscopy of cyclometalated iridium complexes. Dalton Transactions, 2011, 40, 12765.	1.6	53
63	Aqueous solutions of transition metal containing micelles. Advances in Colloid and Interface Science, 2008, 144, 13-23.	7.0	49
64	Efficient Intramolecular Charge Transfer in Oligoyno-linked Donor-Acceptor Molecules. Chemistry - A European Journal, 2010, 16, 1470-1479.	1.7	49
65	Adaptation by an urban population of the snail <i>Helix aspersa</i> to a diet contaminated with lead. Environmental Pollution, 1987, 46, 73-82.	3.7	48
66	Excited triplet state photophysics of the sulphonated aluminium phthalocyanines bound to human serum albumin. Journal of Photochemistry and Photobiology B: Biology, 1997, 38, 10-17.	1.7	48
67	Rapid time-resolved Circular Polarization Luminescence (CPL) emission spectroscopy. Nature Communications, 2020, 11, 1676.	5.8	48
68	Experimental assessment of the efficacy of sensitised emission in water from a europium ion, following intramolecular excitation by a phenanthridinyl group. New Journal of Chemistry, 2000, 24, 377-386.	1.4	47
69	Fluorescent phthalocyanine dimers—a steady state and flash photolysis study. Photochemical and Photobiological Sciences, 2002, 1, 581-587.	1.6	47
70	The synthesis and photophysics of tris-heteroleptic cyclometalated iridium complexes. Dalton Transactions, 2011, 40, 9672.	1.6	46
71	Optical properties of donor-acceptor phenylene-ethynylene systems containing the 6-methylpyran-2-one group as an acceptor. Chemical Communications, 2005, , 2666.	2.2	45
72	Near infra-red luminescence from bis-terpyridyl iridium(III) complexes incorporating electron-rich pendants. Polyhedron, 2004, 23, 2769-2777.	1.0	43

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73	Anomalous Reversal of $^1\text{H}$ and $^2\text{D}$ Quenching Efficiencies in Luminescent Praseodymium Cryptates. <i>Journal of the American Chemical Society</i> , 2012, 134, 13915-13917.	6.6	42
74	Conjugates of cyclodextrins with charged and neutral macrocyclic europium, terbium and gadolinium complexes: sensitised luminescence and relaxometric investigations and an example of supramolecular relaxivity enhancement. <i>Perkin Transactions II RSC</i> , 2000, , 1329-1338.	1.1	41
75	Synthesis, photophysics and molecular structures of luminescent 2,5-bis(phenylethynyl)thiophenes (BPETs). <i>New Journal of Chemistry</i> , 2007, 31, 841-851.	1.4	41
76	The Synthesis of Arylalkyne-Substituted Tetrapyrizinoporphyrazines and an Evaluation of Their Potential as Photosensitisers for Photodynamic Therapy. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1136-1142.	1.2	40
77	2,5-Di(aryleneethynyl)pyrazine derivatives: synthesis, structural and optoelectronic properties, and light-emitting device. <i>New Journal of Chemistry</i> , 2004, 28, 912-918.	1.4	40
78	Synthesis, optical properties, crystal structures and phase behaviour of symmetric, conjugated ethynylarene-based rigid rods with terminal carboxylate groups. <i>Journal of Materials Chemistry</i> , 2005, 15, 690-697.	6.7	40
79	A quinolinium-derived turn-off fluorescent anion sensor. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1010.	1.5	39
80	Protonation of Tetrasulfonated Zinc Phthalocyanine in Aqueous Acetonitrile Solution. <i>Photochemistry and Photobiology</i> , 2001, 74, 566.	1.3	38
81	The first genuine observation of fluorescent mononuclear phthalocyanine aggregates. <i>Chemical Communications</i> , 2002, , 572-573.	2.2	37
82	Functionalization of Solid Surfaces with Thermo-responsive Protein-Resistant Films. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22407-22412.	1.2	37
83	Syntheses, Structures, and Comparison of the Photophysical Properties of Cyclometalated Iridium Complexes Containing the Isomeric 1- and 2-(2-pyridyl)pyrene Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 9842-9860.	1.9	37
84	Synthesis, Electrochemistry, and Single-Molecule Conductance of Bimetallic 2,3,5,6-Tetra(pyridine-2-yl)pyrazine-Based Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 5487-5494.	1.9	37
85	Synthesis and intramolecular charge-transfer properties of new tetrathiafulvalene- $\text{TCNAQ}$ -tetracyanoanthraquinodimethane diad (TTF-TCNAQ) and triad (TTF-TCNAQ-TTF) molecules. <i>Journal of Materials Chemistry</i> , 1998, 8, 71-76.		36
86	Characterisation of the photochemotherapeutic agent disulphonated aluminium phthalocyanine and its high-performance liquid chromatographic separated components. <i>Journal of Chromatography A</i> , 1993, 646, 345-350.	1.8	35
87	Matrix dependence of light emission from TCNQ adducts. <i>Journal of Materials Chemistry</i> , 2001, 11, 3053-3062.	6.7	35
88	Intramolecular binding site competition as a means of tuning the response of a colourimetric anion sensor. <i>New Journal of Chemistry</i> , 2008, 32, 786.	1.4	35
89	Electronic Spectra of the Nanostar Dendrimer: Theory and Experiment. <i>Journal of Physical Chemistry C</i> , 2010, 114, 20702-20712.	1.5	35
90	Photophysics and electrochemistry of a platinum-acetylide disubstituted perylene diimide. <i>Dalton Transactions</i> , 2014, 43, 85-94.	1.6	35

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91	Identifying eighteenth century pigments at the Bodleian library using in situ Raman spectroscopy, XRF and hyperspectral imaging. <i>Heritage Science</i> , 2017, 5, .	1.0	35
92	A simple $\text{Pd}$ -free synthesis of phenyleneethynylene-based molecular materials revisited. <i>New Journal of Chemistry</i> , 2005, 29, 972.	1.4	34
93	Engineering a twist in 9,10-diethynylanthracenes by steric interactions. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 982-986.	1.6	34
94	Orbital Symmetry Control of Electronic Coupling in a Symmetrical, All-Carbon-Bridged Mixed Valence Compound: Synthesis, Spectroscopy, and Electronic Structure of $[\{\text{Mo}(\text{dppe})(\text{C}_7\text{H}_7)\}_2(\text{C}_4)]^{n+}$ ( $n = 0, 1, \text{ or } 2$ ). <i>Organometallics</i> , 2012, 31, 157-169.	1.1	34
95	Bridged Tolanes: A Twisted Tale. <i>Journal of Organic Chemistry</i> , 2014, 79, 6571-6578.	1.7	34
96	The Photophysical Properties of Menthyl Anthranilate: A UV-A Sunscreen. <i>Photochemistry and Photobiology</i> , 2000, 72, 10.	1.3	33
97	Fluorescence in Rhoda- and Iridacyclopentadienes Neglecting the Spin-Orbit Coupling of the Heavy Atom: The Ligand Dominates. <i>Inorganic Chemistry</i> , 2014, 53, 7055-7069.	1.9	33
98	Generating a Warm Glow: Lanthanide Complexes Which Luminesce in the Near-IR. <i>Journal of Fluorescence</i> , 1999, 9, 45-49.	1.3	31
99	Mode specific excited state dynamics study of bis(phenylethynyl)benzene from ultrafast Raman loss spectroscopy. <i>Journal of Chemical Physics</i> , 2017, 146, 064303.	1.2	31
100	Direct NMR and luminescence observation of water exchange at cationic ytterbium and europium centres. <i>Chemical Communications</i> , 1999, , 1011-1012.	2.2	30
101	Sensitization of Europium(III) Luminescence by Benzophenone-Containing Ligands: Regioisomers, Rearrangements and Chelate Ring Size, and Their Influence on Quantum Yields. <i>Inorganic Chemistry</i> , 2007, 46, 9438-9449.	1.9	30
102	Quantum dots as enhancers of the efficacy of bacterial lethal photosensitization. <i>Nanotechnology</i> , 2008, 19, 445102.	1.3	30
103	Combined two-photon excitation and $d \rightarrow f$ energy-transfer in Ir/lanthanide dyads with time-gated selection from a two-component emission spectrum. <i>Chemical Communications</i> , 2012, 48, 9977.	2.2	30
104	Synthesis of Chlorin-Sensitized Near Infrared-Emitting Lanthanide Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 10366-10374.	1.9	30
105	Influence of Lipids on the Interfacial Disposition of Respiratory Syncytial Virus Matrix Protein. <i>Langmuir</i> , 2011, 27, 304-311.	1.6	29
106	DNA binding studies of cationic lanthanide complexes bearing a phenanthridinium group. <i>Perkin Transactions II RSC</i> , 2001, , 1738-1741.	1.1	28
107	Metal Cluster Terminated Molecular Wires. <i>Journal of Cluster Science</i> , 2006, 17, 65-85.	1.7	28
108	Regiospecific Formation and Unusual Optical Properties of 2,5-Bis(arylethynyl)rhodacyclopentadienes: A New Class of Luminescent Organometallics. <i>Chemistry - A European Journal</i> , 2014, 20, 3652-3666.	1.7	28



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109	The photochemistry and photophysics of a series of alpha octa(alkyl-substituted) silicon, zinc and palladium phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2013, 13, 62-69.	1.6	28
110	Understanding Ultrafast Dynamics of Conformation Specific Photo-Excitation: A Femtosecond Transient Absorption and Ultrafast Raman Loss Study. <i>Journal of Physical Chemistry A</i> , 2017, 121, 6538-6546.	1.1	28
111	The effect of solvent deuteration on the photophysics of sulphonated aluminium phthalocyanine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 16, 73-81.	1.7	27
112	Preparation of Ordered Films Containing a Phenylene Ethynylene Oligomer by the Langmuir-Blodgett Technique. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7201-7209.	1.2	27
113	Colourimetric Carboxylate Anion Sensors Derived from Viologen-Based Receptors. <i>Chemistry - A European Journal</i> , 2010, 16, 1480-1492.	1.7	27
114	Analysis of citrate in low-volume seminal fluid samples using a time-gated measurement of europium luminescence. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 352-358.	1.4	27
115	Orthogonally bifunctionalised polyacrylamide nanoparticles: a support for the assembly of multifunctional nanodevices. <i>Nanoscale</i> , 2012, 4, 2034.	2.8	27
116	Photophysical property trends for a homologous series of bis-ethynyl-substituted benzochalcogendiazoles. <i>New Journal of Chemistry</i> , 2012, 36, 550-553.	1.4	27
117	Sky-blue emitting bridged diiridium complexes: beneficial effects of intramolecular $\pi$ - $\pi$ stacking. <i>Dalton Transactions</i> , 2018, 47, 2086-2098.	1.6	27
118	Assembly of High-Potency Photosensitizer-Antibody Conjugates through Application of Dendron Multiplier Technology. <i>Bioconjugate Chemistry</i> , 2018, 29, 176-181.	1.8	27
119	Snail ( <i>Helix aspersa</i> ) exposure history and possible adaptation to lead as reflected in shell composition. <i>Archives of Environmental Contamination and Toxicology</i> , 1994, 27, 346.	2.1	26
120	Wide-field time-correlated single photon counting-based fluorescence lifetime imaging microscopy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 942, 162365.	0.7	26
121	Octaalkynyltetra[6,7]quinoxalinoporphyrazines: a new class of photosensitisers with potential for photodynamic therapy. <i>Chemical Communications</i> , 2001, , 2596-2597.	2.2	25
122	Fabrication, Characterization, and Electrical Properties of Langmuir-Blodgett Films of an Acid Terminated Phenylene-Ethynylene Oligomer. <i>Chemistry of Materials</i> , 2010, 22, 2041-2049.	3.2	25
123	Synthesis, Diastereomer Separation, and Optoelectronic and Structural Properties of Dinuclear Cyclometalated Iridium(III) Complexes with Bridging Diarylhydrazide Ligands. <i>Organometallics</i> , 2017, 36, 981-993.	1.1	25
124	Luminescence behaviour of stable europium and terbium complexes of tetraaza phosphinates: efficient through-space energy transfer from phenyl to terbium. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1116.	2.0	24
125	Photoinduced Electron Transfer between 16-(9-Anthroyloxy)palmitic Acid and Fullerene C60 in Langmuir-Blodgett Films. <i>Langmuir</i> , 1998, 14, 3343-3346.	1.6	24
126	Sub-picosecond time resolution in wide-field time-correlated single photon counting microscopy obtained from the photon event phosphor decay. <i>New Journal of Physics</i> , 2015, 17, 023032.	1.2	24



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127	Conjugatable water-soluble Pt(ii) and Pd(ii) porphyrin complexes: novel nano- and molecular probes for optical oxygen tension measurement in tissue engineering. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1039-1051.	1.6	23
128	Controlled intracellular generation of reactive oxygen species in human mesenchymal stem cells using porphyrin conjugated nanoparticles. <i>Nanoscale</i> , 2015, 7, 14525-14531.	2.8	23
129	Lanthanide-Containing Reversed Micelles: A Structural and Luminescence Study. <i>Langmuir</i> , 1997, 13, 5816-5819.	1.6	21
130	Time-resolved resonance Raman study of S1cis-stilbene and its deuterated isotopomers. <i>Journal of Raman Spectroscopy</i> , 2003, 34, 886-891.	1.2	21
131	The photophysics of disulfonated metallophthalocyanines upon complexation with fluoride. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 2689.	1.7	20
132	Fluorescence quenched quinone methide based activity probes – a cautionary tale. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1610.	1.5	19
133	Mesogenic BODIPYs: an investigation of the correlation between liquid crystalline behaviour and fluorescence intensity. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 992-999.	1.6	19
134	Exploring the Chemistry and Photophysics of Substituted Picolinates Positional Isomers in Iridium(III) Bisphenylpyridine Complexes. <i>Organometallics</i> , 2017, 36, 2727-2735.	1.1	19
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