

Stephen Faulkner

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.

140
papers

8,089
citations

51
h-index

86
g-index

146
ext. papers

8,395
ext. citations

5.6
avg. IF

5.76
L-index

#	Paper	IF	Citations
140	The blue hue of einsteinium. <i>Nature Chemistry</i> , 2021 , 13, 393-395	17.6	1
139	Cell-permeable lanthanide-platinum(IV) anti-cancer prodrugs. <i>Dalton Transactions</i> , 2021 , 50, 8761-8767	4.3	1
138	A Model System to Explore the Detection Limits of Antibody-Based Immuno-SPECT Imaging of Exclusively Intranuclear Epitopes. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1537-1544	8.9	2
137	Enhancing P NMR relaxation rates with a kinetically inert gadolinium complex. <i>Dalton Transactions</i> , 2020 , 49, 2989-2993	4.3	3
136	INDIANA: An in-cell diffusion method to characterize the size, abundance and permeability of cells. <i>Journal of Magnetic Resonance</i> , 2019 , 302, 1-13	3	6
135	Shining light on the antenna chromophore in lanthanide based dyes. <i>Dalton Transactions</i> , 2018 , 47, 4794-4803	4.9	30
134	Multimetallic Lanthanide Complexes: Using Kinetic Control To Define Complex Multimetallic Arrays. <i>Accounts of Chemical Research</i> , 2018 , 51, 2493-2501	24.3	38
133	Triheterometallic Lanthanide Complexes Prepared from Kinetically Inert Lanthanide Building Blocks. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2165-2172	2.3	11
132	Lanthanide Complexes that Respond to Changes in Cyanide Concentration in Water. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7783-7786	16.4	18
131	Lanthanide Complexes that Respond to Changes in Cyanide Concentration in Water. <i>Angewandte Chemie</i> , 2017 , 129, 7891-7894	3.6	3
130	In Vivo Pretargeted Imaging of HER2 and TAG-72 Expression Using the HaloTag Enzyme. <i>Molecular Pharmaceutics</i> , 2017 , 14, 2307-2313	5.6	11
129	Triheterometallic Lanthanide Complexes Prepared from Kinetically Inert Lanthanide Building Blocks. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2164-2164	2.3	
128	Challenges for chemistry in molecular imaging. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017 , 375,	3	1
127	Kinetically Inert Lanthanide Complexes as Reporter Groups for Binding of Potassium by 18-crown-6. <i>Inorganic Chemistry</i> , 2016 , 55, 12299-12308	5.1	24
126	Substituent effects on fluoride binding by lanthanide complexes of DOTA-tetraamides. <i>Dalton Transactions</i> , 2016 , 45, 3070-3077	4.3	24
125	Electromagnetic susceptibility anisotropy and its importance for paramagnetic NMR and optical spectroscopy in lanthanide coordination chemistry. <i>Dalton Transactions</i> , 2016 , 45, 6782-800	4.3	47
124	Anomalous Thermal Expansion and Luminescence Thermochromism in Silver(I) Dicyanamide. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4378-4381	2.3	5

123	Fluoride Binding and Crystal-Field Analysis of Lanthanide Complexes of Tetrapicolyl-Appended Cyclen. <i>Chemistry - A European Journal</i> , 2016 , 22, 8929-36	4.8	30
122	Luminescence of a binuclear europium complex bearing a 4-nitrophenolate chromophore: a different way of seeing pH dependence. <i>Chemical Communications</i> , 2016 , 52, 6111-4	5.8	15
121	Bimetallic lanthanide complexes that display a ratiometric response to oxygen concentrations. <i>Chemical Science</i> , 2015 , 6, 2054-2059	9.4	58
120	Exploring the effect of remote substituents and solution structure on the luminescence of three lanthanide complexes. <i>Journal of Luminescence</i> , 2015 , 167, 296-304	3.8	25
119	Axial fluoride binding by lanthanide DTMA complexes alters the local crystal field, resulting in dramatic spectroscopic changes. <i>Dalton Transactions</i> , 2015 , 44, 19509-17	4.3	27
118	Kinetically Stable Lanthanide Complexes Displaying Exceptionally High Quantum Yields upon Long-Wavelength Excitation: Synthesis, Photophysical Properties, and Solution Speciation. <i>Inorganic Chemistry</i> , 2015 , 54, 3337-45	5.1	26
117	Lanthanide complexes of azidophenacyl-DO3A as new synthons for click chemistry and the synthesis of heterometallic lanthanide arrays. <i>Chemistry - A European Journal</i> , 2015 , 21, 5697-9	4.8	22
116	Reversible redox modulation of a lanthanide emissive molecular film. <i>Chemical Communications</i> , 2015 , 51, 6515-7	5.8	21
115	Controlling energy transfer in ytterbium complexes: oxygen dependent lanthanide luminescence and singlet oxygen formation. <i>Chemical Communications</i> , 2015 , 51, 15633-6	5.8	20
114	Time-resolved confocal microscopy using lanthanide centred near-IR emission. <i>RSC Advances</i> , 2015 , 5, 70282-70286	3.7	31
113	Ratiometric oxygen sensing using lanthanide luminescent emitting interfaces. <i>Chemical Communications</i> , 2015 , 51, 15944-7	5.8	18
112	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Yb ³⁺ DTMA] ³⁺ in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10783-6	16.4	46
111	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Yb ³⁺ DTMA] in Aqueous Solution. <i>Angewandte Chemie</i> , 2015 , 127, 10933-10936	3.6	14
110	Thermodynamics of Self-Assembly of Dicarboxylate Ions with Binuclear Lanthanide Complexes. <i>ChemistryOpen</i> , 2015 , 4, 509-15	2.3	8
109	Development of an enzymatic pretargeting strategy for dual-modality imaging. <i>Chemical Communications</i> , 2015 , 51, 4055-8	5.8	5
108	Spectrally resolved confocal microscopy using lanthanide centred near-IR emission. <i>Chemical Communications</i> , 2015 , 51, 2372-5	5.8	33
107	Ligation driven ¹⁹ F relaxation enhancement in self-assembled Ln(III) complexes. <i>Chemical Communications</i> , 2015 , 51, 2918-20	5.8	6
106	Exploiting lanthanide luminescence in supramolecular assemblies. <i>Chemical Communications</i> , 2014 , 50, 5678-87	5.8	28

105	Exploring energy transfer between pyrene complexes and europium ions [potential routes to oxygen sensors. <i>RSC Advances</i> , 2014 , 4, 44162-44165	3.7	21
104	Synthesis and bioactivity of nobilamide B. <i>RSC Advances</i> , 2014 , 4, 37609-37612	3.7	3
103	A benzimidazole functionalised DO3A chelator showing pH switchable coordination modes with lanthanide ions. <i>Dalton Transactions</i> , 2014 , 43, 9567-78	4.3	17
102	Self-Assembly between Dicarboxylate Ions and Dinuclear Lanthanide Complexes: A Surprisingly Complicated Problem. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2520-2528	2.3	12
101	Nitrite-templated synthesis of lanthanide-containing [2]rotaxanes for anion sensing. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11463-6	16.4	50
100	The Chemistry of Lanthanide MRI Contrast Agents 2014 , 179-197		9
99	Heterometallic Complexes Containing Lanthanides 2014 , 331-358		2
98	Nitrite-Templated Synthesis of Lanthanide-Containing [2]Rotaxanes for Anion Sensing. <i>Angewandte Chemie</i> , 2014 , 126, 11647-11650	3.6	9
97	A lanthanide based sensor for the time-gated detection of hydrogen sulfide. <i>Chemical Communications</i> , 2014 , 50, 4696-8	5.8	54
96	Lanthanide cation-templated synthesis of rotaxanes. <i>Chemical Communications</i> , 2013 , 49, 8157-9	5.8	30
95	Reversible recruitment and emission of DO3A-derived lanthanide complexes at ligating molecular films on gold. <i>Langmuir</i> , 2013 , 29, 1475-82	4	20
94	Ternary self-assemblies in water: forming a pentanuclear ReLn ₄ assembly by association of binuclear lanthanide binding pockets with fac-Re(CO) ₃ (dinicotinate) ₂ Cl. <i>Dalton Transactions</i> , 2013 , 42, 16255-8	4.3	9
93	Ln ₂ M complexes (M = Ru, Re) derived from a bismacrocylic ligand containing a 4,4-Pdimethyl-2,2-Pbipyridyl bridging unit. <i>Dalton Transactions</i> , 2013 , 42, 3667-81	4.3	22
92	Using remote substituents to control solution structure and anion binding in lanthanide complexes. <i>Chemistry - A European Journal</i> , 2013 , 19, 16566-71	4.8	28
91	Lanthanide appended rotaxanes respond to changing chloride concentration. <i>Chemical Science</i> , 2013 , 4, 489-493	9.4	43
90	Shining light on the stability of metal thiosemicarbazone complexes in living cells by FLIM. <i>Chemical Science</i> , 2013 , 4, 1430	9.4	29
89	Preparation and study of an f,f,f,f-P covalently linked tetranuclear hetero-trimetallic complex - a europium, terbium, dysprosium triad. <i>Chemical Communications</i> , 2013 , 49, 783-5	5.8	47
88	Self-assembly between dicarboxylate ions and binuclear europium complexes: moving to water-pH dependence and effects of buffers. <i>Dalton Transactions</i> , 2013 , 42, 67-70	4.3	14

87	Near infrared (NIR) lanthanide emissive Langmuir-Blodgett monolayers formed using Nd(III) directed self-assembly synthesis of chiral amphiphilic ligands. <i>Langmuir</i> , 2013 , 29, 11506-15	4	28
86	Preparation of Fluorescent Tubulin Binders. <i>ChemPlusChem</i> , 2013 , 78, 202-202	2.8	
85	Preparation of Fluorescent Tubulin Binders. <i>ChemPlusChem</i> , 2013 , 78, 222-226	2.8	7
84	Anion sensing by solution- and surface-assembled osmium(II) bipyridyl rotaxanes. <i>Chemistry - A European Journal</i> , 2013 , 19, 15898-906	4.8	41
83	Synthesis and Spectroscopic Study of d ^f Hybrid Lanthanide Complexes Derived from triazolylDO3A. <i>Organometallics</i> , 2012 , 31, 5673-5676	3.8	43
82	Direct two-photon excitation of Sm ³⁺ , Eu ³⁺ , Tb ³⁺ , Tb.DOTA and Tb.propargylDO3A in solution. <i>Chemical Physics Letters</i> , 2012 , 541, 16-20	2.5	14
81	Luminescence and upconversion from thulium(III) species in solution. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 13378-84	3.6	47
80	Novel imaging chelates for drug discovery. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 576-82	5.1	6
79	Supramolecular Chemistry in Medicine 2012 ,		2
78	A family of 13 tetranuclear zinc(II)-lanthanide(III) complexes of a [3+3] Schiff-base macrocycle derived from 1,4-diformyl-2,3-dihydroxybenzene. <i>Dalton Transactions</i> , 2011 , 40, 11425-32	4.3	71
77	Self-assembly between dicarboxylate ions and a binuclear europium complex: formation of stable adducts and heterometallic lanthanide complexes. <i>Dalton Transactions</i> , 2011 , 40, 12063-6	4.3	41
76	Lanthanide complexes of DOTA monoamide derivatives bearing an isophthalate pendent arm. <i>Dalton Transactions</i> , 2011 , 40, 11451-7	4.3	15
75	Enhanced luminescence of europium-doped layered double hydroxides intercalated by sensitizer anions. <i>Chemical Communications</i> , 2011 , 47, 2104-6	5.8	53
74	Reversible luminescence switching of a redox-active ferrocene-europium dyad. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11847-9	16.4	133
73	Luminescence from the ligand to metal charge transfer state of the neptunyl (V) ion and its complexes in solution. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010 , 9, 012047	0.4	3
72	Photophysical approaches to responsive optical probes. <i>Future Medicinal Chemistry</i> , 2010 , 2, 339-50	4.1	24
71	Mixed d-f ³ coordination complexes possessing improved near-infrared (NIR) lanthanide luminescent properties in aqueous solution. <i>Inorganic Chemistry</i> , 2010 , 49, 8449-56	5.1	89
70	Lanthanide Assemblies and Polymetallic Complexes. <i>Springer Series on Fluorescence</i> , 2010 , 161-182	0.5	2

69	Probing the structure, conformation, and stereochemical exchange in a family of lanthanide complexes derived from tetrapyrrolyl-appended cyclen. <i>Inorganic Chemistry</i> , 2010 , 49, 7700-9	5.1	47
68	Synthesis and photophysical properties of kinetically stable complexes containing a lanthanide ion and a transition metal antenna group. <i>Dalton Transactions</i> , 2010 , 39, 10974-83	4.3	34
67	Tufts derivatives of FITC, Tb-DOTA or Gd-DOTA as potential macrophage-specific imaging biomarkers. <i>Contrast Media and Molecular Imaging</i> , 2010 , 5, 223-30	3.2	5
66	Pure shift ¹ H NMR: a resolution of the resolution problem?. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3901-3	16.4	208
65	Bimetallic Lanthanide Complexes Derived from Macrocyclic-Appended m-Xylyl Derivatives: Synthesis and Spectroscopic Properties. <i>Helvetica Chimica Acta</i> , 2009 , 92, 2427-2438	2	20
64	Bimetallic Pt(II)-bipyridyl-diacetylde/Ln(III) tris-diketonate adducts based on a combination of coordinate bonding and hydrogen bonding between the metal fragments: Syntheses, structures and photophysical properties. <i>Polyhedron</i> , 2009 , 28, 227-232	2.7	6
63	Controlled preparation of a heterometallic lanthanide complex containing different lanthanides in symmetrical binding pockets. <i>Chemical Communications</i> , 2009 , 6020-2	5.8	67
62	Sensitised luminescence in lanthanide containing arrays and d-f hybrids. <i>Dalton Transactions</i> , 2009 , 3890-4	4.3	159
61	Changing the local coordination environment in mono- and bi-nuclear lanthanide complexes through "click" chemistry. <i>Dalton Transactions</i> , 2009 , 6283-5	4.3	73
60	Synthesis and spectroscopic studies on azo-dye derivatives of polymetallic lanthanide complexes: using diazotization to link metal complexes together. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9916-7	16.4	66
59	[Ru(bipy)(3)](2+) and [Os(bipy)(3)](2+) chromophores as sensitizers for near-infrared luminescence from Yb(III) and Nd(III) in d/f dyads: contributions from Förster, Dexter, and redox-based energy-transfer mechanisms. <i>Dalton Transactions</i> , 2009 , 3971-9	4.3	55
58	Using the Ugi multicomponent condensation reaction to prepare families of chromophore appended azamacrocycles and their complexes. <i>Chemical Communications</i> , 2008 , 5212-4	5.8	34
57	Heteronuclear bipyrimidine-bridged Ru-Ln and Os-Ln dyads: low-energy 3MLCT states as energy-donors to Yb(III) and Nd(III). <i>Dalton Transactions</i> , 2008 , 691-8	4.3	45
56	Using high-throughput techniques to identify complexants for ¹³⁷ Cs, ⁶⁰ Co and ⁹⁰ Sr. <i>Journal of Materials Chemistry</i> , 2008 , 18, 5350		3
55	Synthesis and spectroscopic properties of a prototype single molecule dual imaging agent comprising a heterobimetallic rhenium-gadolinium complex. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2178-9	16.4	127
54	Pro- and anti-apoptotic roles for IGF-I in TNF-alpha-induced apoptosis: a MAP kinase mediated mechanism. <i>Growth Factors</i> , 2008 , 26, 239-53	1.6	32
53	On the mechanism of d-f energy transfer in RuII/LnIII and OsII/LnIII dyads: Dexter-type energy transfer over a distance of 20 Å. <i>Chemistry - A European Journal</i> , 2008 , 14, 9389-99	4.8	113
52	Luminescence from neptunyl(VI) species in solution. <i>Journal of the American Chemical Society</i> , 2007 , 129, 2442-3	16.4	36

51	Polynuclear lanthanide complexes of a series of bridging ligands containing two tridentate N,N,P,O-donor units: structures and luminescence properties. <i>Dalton Transactions</i> , 2007 , 1006-22	4.3	50
50	Sensitised near-infrared luminescence from lanthanide(III) centres using Re(I) and Pt(II) diimine complexes as energy donors in d-f dinuclear complexes based on 2,3-bis(2-pyridyl)pyrazine. <i>Dalton Transactions</i> , 2007 , 1492-9	4.3	72
49	Photophysical and structural properties of cyanoruthenate complexes of hexaazatriphenylene. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11491-504	16.4	61
48	Anthracene as a sensitizer for near-infrared luminescence in complexes of Nd(III), Er(III) and Yb(III): an unexpected sensitisation mechanism based on electron transfer. <i>Dalton Transactions</i> , 2007 , 1484-91	4.3	62
47	Three-component coordination networks based on [Ru(phen)(CN) ₄ (2-)] ⁻ anions, near-infrared luminescent lanthanide(III) cations, and ancillary oligopyridine ligands: structures and photophysical properties. <i>Dalton Transactions</i> , 2007 , 2419-30	4.3	53
46	Ligand-field excited states of hexacyanochromate and hexacyanocobaltate as sensitizers for near-infrared luminescence from Nd(III) and Yb(III) in cyanide-bridged d-f assemblies. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 1152-7	4.2	59
45	Luminescent Pt(II)(bipyridyl)(diacetylide) chromophores with pendant binding sites as energy donors for sensitized near-infrared emission from lanthanides: structures and photophysics of Pt(II)/Ln(III) assemblies. <i>Chemistry - A European Journal</i> , 2006 , 12, 9299-313	4.8	130
44	Sensitized near infrared emission from lanthanides via anion-templated assembly of d-f heteronuclear [2]pseudorotaxanes. <i>New Journal of Chemistry</i> , 2006 , 30, 1133-1136	3.6	54
43	Polynuclear cyanoruthenate chromophores based on hexaaza-triphenylene containing up to twelve cyanides: photophysical and structural properties. <i>Chemical Communications</i> , 2006 , 1851-3	5.8	43
42	Structural and photophysical properties of coordination networks combining [Ru(Bpym)(CN) ₄] ²⁻ or [[Ru(CN) ₄] ₂ (μ-bpym)] ⁴⁻ anions (bpym = 2,2'BPpyrimidine) with lanthanide(III) cations: sensitized near-infrared luminescence from Yb(III), Nd(III), and Er(III) following Ru-to-lanthanide energy transfer. <i>Inorganic Chemistry</i> , 2006 , 45, 3895-904	5.1	108
41	Sensitized near-infrared lanthanide luminescence from Nd(III)- and Yb(III)-based cyclen-ruthenium coordination conjugates. <i>Inorganic Chemistry</i> , 2006 , 45, 10040-2	5.1	88
40	A luminescent probe containing a tuftsin targeting vector coupled to a terbium complex. <i>Chemical Communications</i> , 2006 , 909-11	5.8	54
39	Self-assembly of luminescent ternary complexes between seven-coordinate lanthanide(III) complexes and chromophore bearing carboxylates and phosphonates. <i>Dalton Transactions</i> , 2006 , 2907-12	4.3	101
38	Synthesis and luminescence properties of lanthanide complexes incorporating a hydrazine-derived chromophore. <i>Dalton Transactions</i> , 2005 , 146-9	4.3	25
37	pH dependent self-assembly of dimetallic lanthanide complexes. <i>Chemical Communications</i> , 2005 , 259-61	5.8	62
36	Metal-to-ligand charge-transfer sensitization of near-infrared emitting lanthanides in trimetallic arrays M ₂ Ln (M=Ru, Re or Os; Ln=Nd, Er or Yb). <i>Dalton Transactions</i> , 2005 , 1482-90	4.3	68
35	Photophysical properties of Pr(III) and Er(III) complexes of poly(pyrazolyl)borates. <i>Photochemical and Photobiological Sciences</i> , 2005 , 4, 829-34	4.2	27
34	Structural and photophysical properties of lanthanide(III) complexes with a novel octadentate iminophenolate bibracchialariat ether. <i>Inorganic Chemistry</i> , 2005 , 44, 4254-62	5.1	39

33	DNA mismatch detection by resonance energy transfer between ruthenium(II) and osmium(II) tris(2,2Pbipyridyl) chromophores. <i>Inorganic Chemistry</i> , 2005 , 44, 4112-4	5.1	29
32	Lanthanide Complexes for Luminescence Imaging Applications. <i>Applied Spectroscopy Reviews</i> , 2005 , 40, 1-31	4.5	392
31	Structural and photophysical properties of coordination networks combining [Ru(bipy)(CN) ₄] ²⁻ anions and lanthanide(III) cations: rates of photoinduced Ru-to-lanthanide energy transfer and sensitized near-infrared luminescence. <i>Inorganic Chemistry</i> , 2005 , 44, 4656-65	5.1	127
30	Imaging and Targeting 2004 , 687-695		
29	Photoinduced Ru-Yb energy transfer and sensitised near-IR luminescence in a coordination polymer containing co-crystallised [Ru(bipy)(CN) ₄] ²⁻ and Yb(III) units. <i>Dalton Transactions</i> , 2004 , 1524-6	4.3	62
28	Structural and near-IR photophysical studies on ternary lanthanide complexes containing poly(pyrazolyl)borate and 1,3-diketonate ligands. <i>Dalton Transactions</i> , 2004 , 1136-44	4.3	96
27	Re(I) sensitised near-infrared lanthanide luminescence from a hetero-trinuclear Re ₂ Ln array. <i>Chemical Communications</i> , 2004 , 1550-1	5.8	62
26	Pyrene-sensitised near-IR luminescence from ytterbium and neodymium complexes. <i>Dalton Transactions</i> , 2004 , 1405-9	4.3	56
25	Self-assembly of heterobimetallic d-f hybrid complexes: sensitization of lanthanide luminescence by d-block metal-to-ligand charge-transfer excited states. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9490-1	16.4	203
24	Sensitized near-infrared emission from complexes of Yb(III), Nd(III) and Er(III) by energy-transfer from covalently attached Pt(II)-based antenna units. <i>Chemistry - A European Journal</i> , 2003 , 9, 5283-91	4.8	162
23	Visible-light sensitisation of near-infrared luminescence from Yb(III), Nd(III) and Er(III) complexes of 3,6-bis(2-pyridyl)tetrazine. <i>Dalton Transactions</i> , 2003 , 808-814	4.3	148
22	Synthesis and luminescence properties of dinuclear lanthanide complexes derived from covalently linked macrocyclic ligands. <i>Dalton Transactions</i> , 2003 , 3780	4.3	59
21	Lanthanide-sensitized lanthanide luminescence: terbium-sensitized ytterbium luminescence in a trinuclear complex. <i>Journal of the American Chemical Society</i> , 2003 , 125, 10526-7	16.4	210
20	Sensitized near-infrared emission from lanthanides using a covalently-attached Pt(II) fragment as an antenna group. <i>Chemical Communications</i> , 2003 , 1134-5	5.8	112
19	Synthesis and luminescence properties of a kinetically stable dinuclear ytterbium complex with differentiated binding sites. <i>Chemical Communications</i> , 2003 , 1550-1	5.8	26
18	Long wavelength sensitizers for europium(III) luminescence based on acridone derivatives. <i>Perkin Transactions II RSC</i> , 2002 , 348-357		132
17	Synthesis and near-IR luminescence properties of neodymium(III) and ytterbium(III) complexes with poly(pyrazolyl)borate ligands. <i>Dalton Transactions RSC</i> , 2002 , 1923-1928		52
16	pH Dependence of the energy transfer mechanism in a phenanthridine-appended ytterbium complex. <i>Dalton Transactions RSC</i> , 2002 , 1918-1922		77

15	Interaction between tetrathiafulvalene carboxylic acid and ytterbium DO3A: solution state self-assembly of a ternary complex which is luminescent in the near IR. <i>Chemical Communications</i> , 2002 , 1668-9	5.8	80
14	Time-resolved near-IR luminescence from ytterbium and neodymium complexes of the Lehn cryptand. <i>Inorganic Chemistry Communication</i> , 2001 , 4, 187-190	3.1	74
13	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		116
12	Luminescence imaging microscopy and lifetime mapping using kinetically stable lanthanide(III) complexes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000 , 57, 83-9	6.7	188
11	Small singlet-triplet energy gap of acridone enables longer wavelength sensitisation of europium(III) luminescence. <i>Perkin Transactions II RSC</i> , 2000 , 2359-2360		60
10	Generating a Warm Glow: Lanthanide Complexes Which Luminesce in the Near-IR. <i>Journal of Fluorescence</i> , 1999 , 9, 45-49	2.4	26
9	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		1154
8	Relaxometric and luminescence behaviour of triaquahexaazamacrocyclic complexes, the gadolinium complex displaying a high relaxivity with a pronounced pH dependence. <i>New Journal of Chemistry</i> , 1998 , 22, 627-631	3.6	42
7	Ligands derived from C-aryl substituted derivatives of cyclen: formation of kinetically unstable complexes with lanthanide(III) ions. <i>New Journal of Chemistry</i> , 1998 , 22, 1359-1364	3.6	10
6	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		82
5	Lanthanide-Containing Reversed Micelles: A Structural and Luminescence Study. <i>Langmuir</i> , 1997 , 13, 5816-5819	4	21
4	Luminescence from ytterbium(III) and its complexes in solution. <i>Chemical Communications</i> , 1997 , 1401-1408	3.9	99
3	Luminescence from neodymium(III) in solution. <i>Chemical Physics Letters</i> , 1997 , 266, 116-122	2.5	116
2	An efficient metal-templated route to C-functionalised derivatives of [12]aneN4. <i>Chemical Communications</i> , 1996 , 1249	5.8	7
1	Lithium selective ionophores based on pendant arm substituted crown ethers. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995 , 1761		16