Stephen Faulkner

List of Publications by Year
in descending order

137 papers	8,758 citations	30070 54 h-index	45317 90 g-index
146 all docs	146 docs citations	146 times ranked	5580 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. Journal of the Chemical Society Perkin Transactions II, 1999, , 493-504.	0.9	1,263
2	Lanthanide Complexes for Luminescence Imaging Applications. Applied Spectroscopy Reviews, 2005, 40, 1-31.	6.7	424
3	Lanthanide-Sensitized Lanthanide Luminescence:â€‰Terbium-Sensitized Ytterbium Luminescence in a Trinuclear Complex. Journal of the American Chemical Society, 2003, 125, 10526-10527.	13.7	228
4	Pure Shift ¹H NMR: A Resolution of the Resolution Problem?. Angewandte Chemie - International Edition, 2010, 49, 3901-3903.	13.8	225
5	Self-Assembly of Heterobimetallic dâ^'f Hybrid Complexes:Â Sensitization of Lanthanide Luminescence by d-Block Metal-to-Ligand Charge-Transfer Excited States. Journal of the American Chemical Society, 2004, 126, 9490-9491.	13.7	212
6	Luminescence imaging microscopy and lifetime mapping using kinetically stable lanthanide(III) complexes. Journal of Photochemistry and Photobiology B: Biology, 2000, 57, 83-89.	3.8	205
7	Sensitised luminescence in lanthanide containing arrays and dâ€“f hybrids. Dalton Transactions, 2009, , 3890.	3.3	170
8	Sensitized Near-Infrared Emission from Complexes of YbIII, NdIII and ErIII by Energy-Transfer from Covalently Attached PtII-Based Antenna Units. Chemistry - A European Journal, 2003, 9, 5283-5291.	3.3	168
9	Visible-light sensitisation of near-infrared luminescence from Yb(iii), Nd(iii) and Er(iii) complexes of 3,6-bis(2-pyridyl)tetrazine. Dalton Transactions, 2003, , 808-814.	3.3	156
10	Reversible Luminescence Switching of a Redox-Active Ferroceneâ€“Europium Dyad. Journal of the American Chemical Society, 2011, 133, 11847-11849.	13.7	149
11	Luminescence from neodymium(III) in solution. Chemical Physics Letters, 1997, 266, 116-122.	2.6	143
12	Long wavelength sensitizers for europium(iii) luminescence based on acridone derivatives. Perkin Transactions II RSC, 2002, , 348-357.	1.1	136
13	Luminescent PtII(bipyridyl)(diacetylide) Chromophores with Pendant Binding Sites as Energy Donors for Sensitised Near-Infrared Emission from Lanthanides: Structures and Photophysics of PtII/LnIII Assemblies. Chemistry - A European Journal, 2006, 12, 9299-9313.	3.3	134
14	Structural and Photophysical Properties of Coordination Networks Combining [Ru(bipy)(CN)4]2-Anions and Lanthanide(III) Cations:Â Rates of Photoinduced Ru-to-Lanthanide Energy Transfer and Sensitized Near-Infrared Luminescence. Inorganic Chemistry, 2005, 44, 4656-4665.	4.0	132
15	Synthesis and Spectroscopic Properties of a Prototype Single Molecule Dual Imaging Agent Comprising a Heterobimetallic Rheniumâ^'Gadolinium Complex. Journal of the American Chemical Society, 2008, 130, 2178-2179.	13.7	131
16	Sensitised luminescence from phenanthridine appended lanthanide complexes: analysis of triplet mediated energy transfer processes in terbium, europium and neodymium complexesâ€. Perkin Transactions II RSC, 2001, , 1268-1273.	1.1	123
17	On the Mechanism of dâ€“f Energy Transfer in Ru^{II}/Ln^{III} and Os^{II}/Ln^{III} Dyads: Dexterâ€Type Energy Transfer Over a Distance of 20â€…Ã…. Chemistry A European Journal, 2008, 14, 9389-9399.	3.3	123
18	Sensitised near-infrared emission from lanthanides using a covalently-attached Pt(ii) fragment as an antenna groupElectronic supplementary information (ESI) available: characterisation data and luminescence spectra. See http://www.rsc.org/suppdata/cc/b3/b301878d/. Chemical Communications, 2003, , 1134-1135.	4.1	116

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19	Structural and Photophysical Properties of Coordination Networks Combining [Ru(Bpym)(CN)4]2-or [{Ru(CN)4}2(Î¼-bpym)]4-Anions (bpym = 2,2â€²-Bipyrimidine) with Lanthanide(III) Cations:Â Sensitized Near-Infrared Luminescence from Yb(III), Nd(III), and Er(III) Following Ru-to-Lanthanide Energy Transfer. Inorganic Chemistry, 2006, 45, 3895-3904.	4.0	109
20	Self-assembly of luminescent ternary complexes between seven-coordinate lanthanide(iii) complexes and chromophore bearing carboxylates and phosphonates. Dalton Transactions, 2006, , 2907.	3.3	106
21	Luminescence from ytterbium(iii) and its complexes in solution. Chemical Communications, 1997, , 1401-1402.	4.1	102
22	Structural and near-IR photophysical studies on ternary lanthanide complexes containing poly(pyrazolyl)borate and 1,3-diketonate ligands. Dalton Transactions, 2004, , 1136-1144.	3.3	99
23	Mixed dâ€™f3Coordination Complexes Possessing Improved Near-Infrared (NIR) Lanthanide Luminescent Properties in Aqueous Solution. Inorganic Chemistry, 2010, 49, 8449-8456.	4.0	93
24	Sensitized Near-Infrared Lanthanide Luminescence from Nd(III)- and Yb(III)-Based Cyclenâ€™Ruthenium Coordination Conjugates. Inorganic Chemistry, 2006, 45, 10040-10042.	4.0	92
25	Nuclear magnetic resonance, luminescence and structural studies of lanthanide complexes with octadentate macrocyclic ligands bearing benzylphosphinate groups. Journal of the Chemical Society Dalton Transactions, 1997, , 3623-3636.	1.1	82
26	Time-resolved near-IR luminescence from ytterbium and neodymium complexes of the Lehn cryptand. Inorganic Chemistry Communication, 2001, 4, 187-190.	3.9	82
27	Interaction between tetrathiafulvalene carboxylic acid and ytterbium DO3A: solution state self-assembly of a ternary complex which is luminescent in the near IRElectronic supplementary information (ESI) available: cyclic voltammograms of TTF-YbDO3A and YbDO3A. See http://www.rsc.org/suppdata/cc/b2/b204218e/. Chemical Communications, 2002, , 1668-1669.	4.1	81
28	pH Dependence of the energy transfer mechanism in a phenanthridine-appended ytterbium complexNear-IR luminescence and energy transfer in lanthanide complexes. Part 2.1. Dalton Transactions RSC, 2002, , 1918-1922.	2.3	80
29	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. Dalton Transactions, 2011, 40, 11425.	3.3	76
30	Sensitised near-infrared luminescence from lanthanide(iii) centres using Re(i) and Pt(ii) diimine complexes as energy donors in dâ€“f dinuclear complexes based on 2,3-bis(2-pyridyl)pyrazine. Dalton Transactions, 2007, , 1492-1499.	3.3	74
31	Changing the local coordination environment in mono- and bi- nuclear lanthanide complexes through â€œclickâ€•chemistry. Dalton Transactions, 2009, , 6283.	3.3	73
32	Controlled preparation of a heterometallic lanthanide complex containing different lanthanides in symmetrical binding pockets. Chemical Communications, 2009, , 6020.	4.1	72
33	Synthesis and Spectroscopic Studies on Azo-Dye Derivatives of Polymetallic Lanthanide Complexes: Using Diazotization to Link Metal Complexes Together. Journal of the American Chemical Society, 2009, 131, 9916-9917.	13.7	72
34	Bimetallic lanthanide complexes that display a ratiometric response to oxygen concentrations. Chemical Science, 2015, 6, 2054-2059.	7.4	71
35	Metal-to-ligand charge-transfer sensitisation of near-infrared emitting lanthanides in trimetallic arrays M2Ln (M = Ru, Re or Os; Ln = Nd, Er or Yb). Dalton Transactions, 2005, , 1482.	3.3	69
36	Photophysical and Structural Properties of Cyanoruthenate Complexes of Hexaazatriphenylene. Journal of the American Chemical Society, 2007, 129, 11491-11504.	13.7	68

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37	Ligand-field excited states of hexacyanochromate and hexacyanocobaltate as sensitisers for near-infrared luminescence from Nd(iii) and Yb(iii) in cyanide-bridged dâ€“f assemblies. Photochemical and Photobiological Sciences, 2007, 6, 1152-1157.	2.9	66
38	Anthracene as a sensitiser for near-infrared luminescence in complexes of Nd(iii), Er(iii) and Yb(iii): an unexpected sensitisation mechanism based on electron transfer. Dalton Transactions, 2007, , 1484.	3.3	64
39	Pyrene-sensitised near-IR luminescence from ytterbium and neodymium complexes. Dalton Transactions, 2004, , 1405-1409.	3.3	63
40	Small singletâ€“triplet energy gap of acridone enables longer wavelength sensitisation of europium(III) luminescence. Perkin Transactions II RSC, 2000, , 2359-2360.	1.1	62
41	Photoinduced Ruâ€“Yb energy transfer and sensitised near-IR luminescence in a coordination polymer containing co-crystallised [Ru(bipy)(CN)4]2â^'and Yb(iii) units. Dalton Transactions, 2004, , 1524-1526.	3.3	62
42	Re(i) sensitised near-infrared lanthanide luminescence from a hetero-trinuclear Re2Ln arrayElectronic supplementary information (ESI) available: experimental protocols and characterisation, time-resolved emission spectra of the heteronuclear complexes, illustrative spectra, showing signal separation by time gating. See http://www.rsc.org/suppdata/cc/b4/b402270j/. Chemical Communications, 2004, , 1550.	4.1	62
43	pH Dependent self-assembly of dimetallic lanthanide complexes. Chemical Communications, 2005, , 259.	4.1	62
44	Synthesis and luminescence properties of dinuclear lanthanide complexes derived from covalently linked macrocyclic ligands. Dalton Transactions, 2003, , 3780.	3.3	61
45	A lanthanide based sensor for the time-gated detection of hydrogen sulfide. Chemical Communications, 2014, 50, 4696-4698.	4.1	61
46	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
47	Enhanced luminescence of europium-doped layered double hydroxides intercalated by sensitiser anions. Chemical Communications, 2011, 47, 2104-2106.	4.1	58
48	[Ru(bipy)3]2+ and [Os(bipy)3]2+ chromophores as sensitisers for near-infrared luminescence from Yb(iii) and Nd(iii) in d/f dyads: contributions from FÃ¶rster, Dexter, and redox-based energy-transfer mechanisms. Dalton Transactions, 2009, , 3971.	3.3	57
49	Nitriteâ€Templated Synthesis of Lanthanideâ€Containing [2]Rotaxanes for Anion Sensing. Angewandte Chemie - International Edition, 2014, 53, 11463-11466.	13.8	57
50	Sensitised near infrared emission from lanthanides via anion-templated assembly of dâ€“f heteronuclear [2]pseudorotaxanes. New Journal of Chemistry, 2006, 30, 1133-1136.	2.8	56
51	Luminescence and upconversion from thulium(iii) species in solution. Physical Chemistry Chemical Physics, 2012, 14, 13378.	2.8	55
52	Preparation and study of an f,f,fâ€²,fâ€²â€² covalently linked tetranuclear hetero-trimetallic complex â€“ a europium, terbium, dysprosium triad. Chemical Communications, 2013, 49, 783-785.	4.1	55
53	Electromagnetic susceptibility anisotropy and its importance for paramagnetic NMR and optical spectroscopy in lanthanide coordination chemistry. Dalton Transactions, 2016, 45, 6782-6800.	3.3	55
54	A luminescent probe containing a tuftsin targeting vector coupled to a terbium complex. Chemical Communications, 2006, , 909.	4.1	54

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55	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. Dalton Transactions, 2007, , 2419.	3.3	54
56	Polynuclear lanthanide complexes of a series of bridging ligands containing two tridentate N,Nâ€²,O-donor units: structures and luminescence properties. Dalton Transactions, 2007, , 1006-1022.	3.3	54
57	Multimetallic Lanthanide Complexes: Using Kinetic Control To Define Complex Multimetallic Arrays. Accounts of Chemical Research, 2018, 51, 2493-2501.	15.6	53
58	Probing the Structure, Conformation, and Stereochemical Exchange in a Family of Lanthanide Complexes Derived from Tetrapyridyl-Appended Cyclen. Inorganic Chemistry, 2010, 49, 7700-7709.	4.0	52
59	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Ybâ‹…DTMA]³⁺ in Aqueous Solution. Angewandte Chemie - International Edition, 2015, 54, 10783-10786.	13.8	52
60	Heteronuclear bipyrimidine-bridged Ruâ€“Ln and Osâ€“Ln dyads: low-energy³MLCT states as energy-donors to Yb(iii) and Nd(iii). Dalton Transactions, 2008, , 691-698.	3.3	50
61	Relaxometric and luminescence behaviour of triaquahexaazamacrocyclic complexes, the gadolinium complex displaying a high relaxivity with a pronounced pH dependence. New Journal of Chemistry, 1998, 22, 627-631.	2.8	49
62	Self-assembly between dicarboxylate ions and a binuclear europium complex: formation of stable adducts and heterometallic lanthanide complexes. Dalton Transactions, 2011, 40, 12063.	3.3	46
63	Shining light on the antenna chromophore in lanthanide based dyes. Dalton Transactions, 2018, 47, 4794-4803.	3.3	46
64	Synthesis and Spectroscopic Study of dâ€“f Hybrid Lanthanide Complexes Derived from triazolylDO3A. Organometallics, 2012, 31, 5673-5676.	2.3	44
65	Lanthanide appended rotaxanes respond to changing chloride concentration. Chemical Science, 2013, 4, 489-493.	7.4	44
66	Anion Sensing by Solutionâ€•and Surfaceâ€Assembled Osmium(II) Bipyridyl Rotaxanes. Chemistry - A European Journal, 2013, 19, 15898-15906.	3.3	44
67	Polynuclear cyanoruthenate chromophores based on hexaaza-triphenylene containing up to twelve cyanides: photophysical and structural properties. Chemical Communications, 2006, , 1851.	4.1	43
68	Structural and Photophysical Properties of Lathanide(III) Complexes with a Novel Octadentate Iminophenolate Bibracchial Lariat Ether. Inorganic Chemistry, 2005, 44, 4254-4262.	4.0	41
69	Luminescence from Neptunyl(VI) Species in Solution. Journal of the American Chemical Society, 2007, 129, 2442-2443.	13.7	37
70	Synthesis and photophysical properties of kinetically stable complexes containing a lanthanide ion and a transition metal antenna group. Dalton Transactions, 2010, 39, 10974.	3.3	37
71	Spectrally resolved confocal microscopy using lanthanide centred near-IR emission. Chemical Communications, 2015, 51, 2372-2375.	4.1	36
72	Using the Ugi multicomponent condensation reaction to prepare families of chromophore appended azamacrocycles and their complexes. Chemical Communications, 2008, , 5212.	4.1	35

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73	Pro- and anti-apoptotic roles for IGF-I in TNF-Î±-induced apoptosis: A MAP kinase mediated mechanism. Growth Factors, 2008, 26, 239-253.	1.7	35
74	Time-resolved confocal microscopy using lanthanide centred near-IR emission. RSC Advances, 2015, 5, 70282-70286.	3.6	35
75	Shining light on the stability of metal thiosemicarbazonate complexes in living cells by FLIM. Chemical Science, 2013, 4, 1430.	7.4	33
76	Fluoride Binding and Crystalâ€Field Analysis of Lanthanide Complexes of Tetrapicolylâ€Appended Cyclen. Chemistry - A European Journal, 2016, 22, 8929-8936.	3.3	33
77	Generating a Warm Glow: Lanthanide Complexes Which Luminesce in the Near-IR. Journal of Fluorescence, 1999, 9, 45-49.	2.5	31
78	Lanthanide cation-templated synthesis of rotaxanes. Chemical Communications, 2013, 49, 8157.	4.1	31
79	Exploring the effect of remote substituents and solution structure on the luminescence of three lanthanide complexes. Journal of Luminescence, 2015, 167, 296-304.	3.1	31
80	Axial fluoride binding by lanthanide DTMA complexes alters the local crystal field, resulting in dramatic spectroscopic changes. Dalton Transactions, 2015, 44, 19509-19517.	3.3	31
81	Using Remote Substituents to Control Solution Structure and Anion Binding in Lanthanide Complexes. Chemistry - A European Journal, 2013, 19, 16566-16571.	3.3	30
82	Near Infrared (NIR) Lanthanide Emissive Langmuirâ€“Blodgett Monolayers Formed Using Nd(III) Directed Self-Assembly Synthesis of Chiral Amphiphilic Ligands. Langmuir, 2013, 29, 11506-11515.	3.5	30
83	Exploiting lanthanide luminescence in supramolecular assemblies. Chemical Communications, 2014, 50, 5678-5687.	4.1	30
84	Reversible redox modulation of a lanthanide emissive molecular film. Chemical Communications, 2015, 51, 6515-6517.	4.1	30
85	Photophysical properties of Pr(iii) and Er(iii) complexes of poly(pyrazolyl)borates. Photochemical and Photobiological Sciences, 2005, 4, 829.	2.9	29
86	DNA Mismatch Detection by Resonance Energy Transfer between Ruthenium(II) and Osmium(II) Tris(2,2â€˜-bipyridyl) Chromophores. Inorganic Chemistry, 2005, 44, 4112-4114.	4.0	29
87	Synthesis and luminescence properties of a kinetically stable dinuclear ytterbium complex with differentiated binding sitesElectronic supplementary information (ESI) available: 1H NMR spectrum of Yb2L. See http://www.rsc.org/suppdata/cc/b3/b303012a/. Chemical Communications, 2003, , 1550.	4.1	28
88	Kinetically Inert Lanthanide Complexes as Reporter Groups for Binding of Potassium by 18-crown-6. Inorganic Chemistry, 2016, 55, 12299-12308.	4.0	28
89	Substituent effects on fluoride binding by lanthanide complexes of DOTA-tetraamides. Dalton Transactions, 2016, 45, 3070-3077.	3.3	28
90	Kinetically Stable Lanthanide Complexes Displaying Exceptionally High Quantum Yields upon Long-Wavelength Excitation: Synthesis, Photophysical Properties, and Solution Speciation. Inorganic Chemistry, 2015, 54, 3337-3345.	4.0	27

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91	Synthesis and luminescence properties of lanthanide complexes incorporating a hydralazine-derived chromophore. Dalton Transactions, 2005, , 146.	3.3	26
92	Controlling energy transfer in ytterbium complexes: oxygen dependent lanthanide luminescence and singlet oxygen formation. Chemical Communications, 2015, 51, 15633-15636.	4.1	26
93	Photophysical approaches to responsive optical probes. Future Medicinal Chemistry, 2010, 2, 339-350.	2.3	24
94	Exploring energy transfer between pyrene complexes and europium ions â€“ potential routes to oxygen sensors. RSC Advances, 2014, 4, 44162-44165.	3.6	24
95	Ln2M complexes (M = Ru, Re) derived from a bismacrocyclic ligand containing a 4,4â€²-dimethyl-2,2â€²-bipyridyl bridging unit. Dalton Transactions, 2013, 42, 3667.	3.3	23
96	Lanthanide Complexes of Azidophenacylâ€DO3A as New Synthons for Click Chemistry and the Synthesis of Heterometallic Lanthanide Arrays. Chemistry - A European Journal, 2015, 21, 5697-5699.	3.3	23
97	Ratiometric oxygen sensing using lanthanide luminescent emitting interfaces. Chemical Communications, 2015, 51, 15944-15947.	4.1	23
98	Lanthanide Complexes that Respond to Changes in Cyanide Concentration in Water. Angewandte Chemie - International Edition, 2017, 56, 7783-7786.	13.8	22
99	Lanthanide-Containing Reversed Micelles:â€‰ A Structural and Luminescence Study. Langmuir, 1997, 13, 5816-5819.	3.5	21
100	Bimetallic Lanthanide Complexes Derived from Macrocycleâ€Appended mâ€Xylyl Derivatives: Synthesis and Spectroscopic Properties. Helvetica Chimica Acta, 2009, 92, 2427-2438.	1.6	20
101	Reversible Recruitment and Emission of DO3A-Derived Lanthanide Complexes at Ligating Molecular Films on Gold. Langmuir, 2013, 29, 1475-1482.	3.5	20
102	A benzimidazole functionalised DO3A chelator showing pH switchable coordination modes with lanthanide ions. Dalton Transactions, 2014, 43, 9567-9578.	3.3	19
103	Lithium selective ionophores based on pendant arm substituted crown ethers. Journal of the Chemical Society Perkin Transactions II, 1995, , 1761.	0.9	17
104	Direct two-photon excitation of Sm3+, Eu3+, Tb3+, Tb.DOTAâˆ’, and Tb.propargylDO3A in solution. Chemical Physics Letters, 2012, 541, 16-20.	2.6	17
105	Luminescence of a binuclear europium complex bearing a 4-nitrophenolate chromophore: a different way of seeing pH dependence. Chemical Communications, 2016, 52, 6111-6114.	4.1	17
106	Self-assembly between dicarboxylate ions and binuclear europium complexes: moving to waterâ€”pH dependence and effects of buffers. Dalton Transactions, 2013, 42, 67-70.	3.3	16
107	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Ybâ‹…‹DTMA]³⁺ in Aqueous Solution. Angewandte Chemie, 2015, 127, 10933-10936.	2.0	16
108	Lanthanide complexes of DOTA monoamide derivatives bearing an isophthalate pendent arm. Dalton Transactions, 2011, 40, 11451.	3.3	15

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109	Self-Assembly between Dicarboxylate Ions and Dinuclear Lanthanide Complexes: A Surprisingly Complicated Problem. European Journal of Inorganic Chemistry, 2014, 2014, 2520-2528.	2.0	13
110	Triheterometallic Lanthanide Complexes Prepared from Kinetically Inert Lanthanide Building Blocks. European Journal of Inorganic Chemistry, 2017, 2017, 2165-2172.	2.0	13
111	Thermodynamics of Selfâ€Assembly of Dicarboxylate Ions with Binuclear Lanthanide Complexes. ChemistryOpen, 2015, 4, 509-515.	1.9	12
112	In Vivo Pretargeted Imaging of HER2 and TAG-72 Expression Using the HaloTag Enzyme. Molecular Pharmaceutics, 2017, 14, 2307-2313.	4.6	12
113	Radiopharmaceuticals for imaging and therapy. Dalton Transactions, 2011, 40, 6067.	3.3	11
114	INDIANA: An in-cell diffusion method to characterize the size, abundance and permeability of cells. Journal of Magnetic Resonance, 2019, 302, 1-13.	2.1	11
115	Ligands derived from C-aryl substituted derivatives of cyclen: formation of kinetically unstable complexes with lanthanide(III) ions. New Journal of Chemistry, 1998, 22, 1359-1364.	2.8	10
116	Bimetallic Pt(II)-bipyridyl-diacetylide/Ln(III) tris-diketonate adducts based on a combination of coordinate bonding and hydrogen bonding between the metal fragments: Syntheses, structures and photophysical properties. Polyhedron, 2009, 28, 227-232.	2.2	9
117	Ternary self-assemblies in water: forming a pentanuclear ReLn4 assembly by association of binuclear lanthanide binding pockets with fac-Re(CO)3(dinicotinate)2Cl. Dalton Transactions, 2013, 42, 16255.	3.3	9
118	Anomalous Thermal Expansion and Luminescence Thermochromism in Silver(I) Dicyanamide. European Journal of Inorganic Chemistry, 2016, 2016, 4378-4381.	2.0	9
119	An efficient metal-templated route to C-functionalised derivatives of [12]aneN4. Chemical Communications, 1996, , 1249.	4.1	7
120	Novel imaging chelates for drug discovery. Current Opinion in Pharmacology, 2012, 12, 576-582.	3.5	7
121	Preparation of Fluorescent Tubulin Binders. ChemPlusChem, 2013, 78, 222-226.	2.8	7
122	Development of an enzymatic pretargeting strategy for dual-modality imaging. Chemical Communications, 2015, 51, 4055-4058.	4.1	7
123	Enhancing ³¹P NMR relaxation rates with a kinetically inert gadolinium complex. Dalton Transactions, 2020, 49, 2989-2993.	3.3	7
124	Ligation driven ¹⁹F relaxation enhancement in self-assembled Ln(<scp>iii</scp>) complexes. Chemical Communications, 2015, 51, 2918-2920.	4.1	6
125	Cell-permeable lanthanideâ€“platinum(<scp>iv</scp>) anti-cancer prodrugs. Dalton Transactions, 2021, 50, 8761-8767.	3.3	6
126	A Model System to Explore the Detection Limits of Antibody-Based Immuno-SPECT Imaging of Exclusively Intranuclear Epitopes. Journal of Nuclear Medicine, 2021, 62, 1537-1544.	5.0	6

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127	Tuftsin derivatives of FITC, Tbâ€“DOTA or Gdâ€“DOTA as potential macrophageâ€specific imaging biomarkers. Contrast Media and Molecular Imaging, 2010, 5, 223-230.	0.8	5
128	Lanthanide Complexes that Respond to Changes in Cyanide Concentration in Water. Angewandte Chemie, 2017, 129, 7891-7894.	2.0	4
129	Using high-throughput techniques to identify complexants for 137Cs, 60Co and 90Sr. Journal of Materials Chemistry, 2008, 18, 5350.	6.7	3
130	Luminescence from the ligand to metal charge transfer state of the neptunyl (V) ion and its complexes in solution. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012047.	0.6	3
131	Synthesis and bioactivity of nobilamide B. RSC Advances, 2014, 4, 37609.	3.6	3
132	Lanthanide Assemblies and Polymetallic Complexes. Springer Series on Fluorescence, 2010, , 161-182.	0.8	2
133	Challenges for chemistry in molecular imaging. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170024.	3.4	2
134	The blue hue of einsteinium. Nature Chemistry, 2021, 13, 393-395.	13.6	1
135	Imaging and Targeting. , 2004, , 687-695.		0
136	Preparation of Fluorescent Tubulin Binders. ChemPlusChem, 2013, 78, 202-202.	2.8	0
137	Triheterometallic Lanthanide Complexes Prepared from Kinetically Inert Lanthanide Building Blocks. European Journal of Inorganic Chemistry, 2017, 2017, 2164-2164.	2.0	0