Thorfinnur Gunnlaugsson

List of Publications by Year
in descending order

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283 papers	29,886 citations	5558 82 h-index	5101 166 g-index
305 all docs	305 docs citations	305 times ranked	18202 citing authors

#	Article	IF	Citations
1	Signaling Recognition Events with Fluorescent Sensors and Switches. Chemical Reviews, 1997, 97, 1515-1566.	23.0	6,736
2	Fluorescent chemosensors: the past, present and future. Chemical Society Reviews, 2017, 46, 7105-7123.	18.7	1,436
3	Anion recognition and sensing in organic and aqueous media using luminescent and colorimetric sensors. Coordination Chemistry Reviews, 2006, 250, 3094-3117.	9.5	1,185
4	Colorimetric and fluorescent anion sensors: an overview of recent developments in the use of 1,8-naphthalimide-based chemosensors. Chemical Society Reviews, 2010, 39, 3936.	18.7	1,107
5	Recent advances in the development of 1,8-naphthalimide based DNA targeting binders, anticancer and fluorescent cellular imaging agents. Chemical Society Reviews, 2013, 42, 1601.	18.7	588
6	Molecular logic gates: the past, present and future. Chemical Society Reviews, 2018, 47, 2228-2248.	18.7	468
7	Recent developments in the field of supramolecular lanthanide luminescent sensors and self-assemblies. Coordination Chemistry Reviews, 2008, 252, 2512-2527.	9.5	452
8	Fluorescent Sensing of Pyrophosphate and Bis-carboxylates with Charge Neutral PET Chemosensorsâ€. Organic Letters, 2002, 4, 2449-2452.	2.4	433
9	Colorimetric â€œNaked Eyeâ€•Sensing of Anions in Aqueous Solution. Journal of Organic Chemistry, 2005, 70, 10875-10878.	1.7	373
10	Integration of Logic Functions and Sequential Operation of Gates at the Molecular-Scale. Journal of the American Chemical Society, 1999, 121, 1393-1394.	6.6	352
11	The development of ruthenium(<scp>ii</scp>) polypyridyl complexes and conjugates forin vitrocellular andin vivoapplications. Chemical Society Reviews, 2017, 46, 7706-7756.	18.7	326
12	Highly Selective Colorimetric Naked-Eye Cu(II) Detection Using an Azobenzene Chemosensor. Organic Letters, 2004, 6, 1557-1560.	2.4	302
13	The Selectivity of Reversible Oxy-Anion Binding in Aqueous Solution at a Chiral Europium and Terbium Center:Â Signaling of Carbonate Chelation by Changes in the Form and Circular Polarization of Luminescence Emission. Journal of the American Chemical Society, 2000, 122, 9674-9684.	6.6	292
14	Responsive lanthanide luminescent cyclen complexes: from switching/sensing to supramolecular architectures. Chemical Communications, 2005, , 3114.	2.2	285
15	Simple naphthalimide based anion sensors: deprotonation induced colour changes and CO2 fixation. Tetrahedron Letters, 2003, 44, 8909-8913.	0.7	253
16	Fluorescent photoinduced electron transfer (PET) sensing of anions using charge neutral chemosensorsElectronic supplementary data (ESI) available: 1H, 13C NMR for 1aâ€“c and UV-Vis and NMR titration results for 1a are available as electronic supplementary information (ESI). See http://www.rsc.org/suppdata/cc/b1/b107608f/. Chemical Communications, 2001, , 2556-2557.	2.2	239
17	Lanthanide Macrocyclic Quinolyl Conjugates as Luminescent Molecular-Level Devices. Journal of the American Chemical Society, 2001, 123, 12866-12876.	6.6	229
18	Selective Detection of the Reduced Form of Glutathione (GSH) over the Oxidized (GSSG) Form Using a Combination of Glutathione Reductase and a Tb(III)-Cyclen Maleimide Based Lanthanide Luminescent â€˜Switch Onâ€™ Assay. Journal of the American Chemical Society, 2012, 134, 10725-10728.	6.6	229

#	Article	IF	Citations
19	Dual responsive chemosensors for anions: the combination of fluorescent PET (Photoinduced) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 44, 6575-6578.	0.7	226
20	pH Responsive Eu(III)â^'Phenanthroline Supramolecular Conjugate:Â Novel â€œOffâ^'Onâ^'Offâ€•Luminescent Signaling in the Physiological pH Range. Journal of the American Chemical Society, 2003, 125, 12062-12063.	6.6	221
21	Lanthanide-directed synthesis of luminescent self-assembly supramolecular structures and mechanically bonded systems from acyclic coordinating organic ligands. Chemical Society Reviews, 2016, 45, 3244-3274.	18.7	212
22	Design, synthesis and photophysical studies of simple fluorescent anion PET sensors using charge neutral thiourea receptors. Organic and Biomolecular Chemistry, 2004, 2, 1856.	1.5	209
23	Healable Luminescent Self-Assembly Supramolecular Metallogels Possessing Lanthanide (Eu/Tb) Dependent Rheological and Morphological Properties. Journal of the American Chemical Society, 2015, 137, 1983-1992.	6.6	206
24	Highly selective 4-amino-1,8-naphthalimide based fluorescent photoinduced electron transfer (PET) chemosensors for Zn(ii) under physiological pH conditions. Organic and Biomolecular Chemistry, 2007, 5, 310-317.	1.5	201
25	Colorimetric Recognition of Anions Using Preorganized Tetra-Amidourea Derived Calix[4]arene Sensors. Journal of Organic Chemistry, 2007, 72, 7497-7503.	1.7	198
26	Lanthanide Luminescent Displacement Assays: The Sensing of Phosphate Anions Using Eu(III)â^'Cyclen-Conjugated Gold Nanoparticles in Aqueous Solution. Journal of the American Chemical Society, 2008, 130, 6900-6901.	6.6	196
27	Synthesis and photophysical evaluation of charge neutral thiourea or urea based fluorescent PET sensors for bis-carboxylates and pyrophosphate. Organic and Biomolecular Chemistry, 2005, 3, 48.	1.5	191
28	Fluorescent Photoinduced Electron Transfer (PET) Sensors for Anions; From Design to Potential Application. Journal of Fluorescence, 2005, 15, 287-299.	1.3	191
29	Luminescent molecular logic gates: the two-input inhibit (INH) function. Chemical Communications, 2000, , 93-94.	2.2	185
30	Europiumâ€Directed Selfâ€Assembly of a Luminescent Supramolecular Gel from a Tripodal Terpyridineâ€Based Ligand. Angewandte Chemie - International Edition, 2012, 51, 7208-7212.	7.2	180
31	Detecting microdamage in bone. Journal of Anatomy, 2003, 203, 161-172.	0.9	175
32	Cd(II) Sensing in Water Using Novel Aromatic Iminodiacetate Based Fluorescent Chemosensors. Organic Letters, 2003, 5, 4065-4068.	2.4	175
33	Self-Assembly of Chiral Luminescent Lanthanide Coordination Bundles. Journal of the American Chemical Society, 2007, 129, 10986-10987.	6.6	164
34	A supramolecular TrÃ¶ger's base derived coordination zinc polymer for fluorescent sensing of phenolic-nitroaromatic explosives in water. Chemical Science, 2017, 8, 1535-1546.	3.7	164
35	The btp [2,6-bis(1,2,3-triazol-4-yl)pyridine] binding motif: a new versatile terdentate ligand for supramolecular and coordination chemistry. Chemical Society Reviews, 2014, 43, 5302-5325.	18.7	148
36	Luminescent Eu(III) and Tb(III) Complexes: Developing Lanthanide Luminescent-Based Devices. Journal of Fluorescence, 2005, 15, 585-595.	1.3	147

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37	Anion Recognition Using Preorganized Thiourea Functionalized [3]Polynorbornane Receptors. Organic Letters, 2005, 7, 5357-5360.	2.4	146
38	pH driven self-assembly of a ternary lanthanide luminescence complex: the sensing of anions using a Î²-diketonate-Eu(iii) displacement assay. Chemical Communications, 2007, , 129-131.	2.2	145
39	Preface: supramolecular chemistry of anionic species themed issue. Chemical Society Reviews, 2010, 39, 3595.	18.7	144
40	Luminescent Ruthenium(II) Polypyridyl Functionalized Gold Nanoparticles; Their DNA Binding Abilities and Application As Cellular Imaging Agents. Journal of the American Chemical Society, 2011, 133, 15862-15865.	6.6	141
41	Metal-Directed Synthesis of Enantiomerially Pure Dimetallic Lanthanide Luminescent Triple-Stranded Helicates. Journal of the American Chemical Society, 2009, 131, 9636-9637.	6.6	138
42	A highly selective and sensitive fluorescent PET (photoinduced electron transfer) chemosensor for Zn(ii)Electronic supplementary information (ESI) available: synthesis, experimental details and 1H and 13C NMR for 1, 2 and 3. UV-Vis Zn(ii) titrations, fluorescence titration for pH, Hg2+ and Cd2+ for 1. See http://www.rsc.org/suppdata/ob/b3/b309569j/. Organic and Biomolecular Chemistry, 2003, 1, 3265.	1.5	135
43	Photochemistry and Photophysics of Coordination Compounds: Lanthanides. , 2007, , 1-43.		135
44	Luminescent/colorimetric probes and (chemo-) sensors for detecting anions based on transition and lanthanide ion receptor/binding complexes. Coordination Chemistry Reviews, 2018, 354, 98-120.	9.5	133
45	Supramolecular Chemistry: A Toolkit for Soft Functional Materials and Organic Particles. CheM, 2017, 3, 764-811.	5.8	132
46	Colorimetric â€˜naked-eyeâ€™ and fluorescent sensors for anions based on amidourea functionalised 1,8-naphthalimide structures: anion recognition via either deprotonation or hydrogen bonding in DMSO. New Journal of Chemistry, 2008, 32, 1153.	1.4	131
47	Selective fluorescent PET sensing of fluoride (Fâ˜) using naphthalimideâ€“thiourea and â€“urea conjugates. Tetrahedron Letters, 2007, 48, 8043-8047.	0.7	127
48	Bidirectional Photoinduced Electron-Transfer Quenching Is Observed in 4-Amino-1,8-naphthalimide-Based Fluorescent Anion Sensors. Journal of Organic Chemistry, 2008, 73, 8073-8076.	1.7	127
49	Synthesis, Photophysical, and DNA Binding Studies of Fluorescent TrÃ¶gerâ€™s Base Derived 4-Amino-1,8-naphthalimide Supramolecular Clefts. Journal of Organic Chemistry, 2010, 75, 5513-5525.	1.7	127
50	4-Amino-1,8-naphthalimide-Based TrÃ¶gerâ€™s Bases As High Affinity DNA Targeting Fluorescent Supramolecular Scaffolds. Organic Letters, 2009, 11, 4040-4043.	2.4	123
51	Highly Effective DNA Photocleavage by Novel â€œRigidâ€•Ru(bpy)3-4-nitro- and -4-amino-1,8-naphthalimide Conjugates. Inorganic Chemistry, 2008, 47, 401-403.	1.9	118
52	Demonstration of bidirectional photoinduced electron transfer (PET) sensing in 4-amino-1,8-naphthalimide based thiourea anion sensors. Organic and Biomolecular Chemistry, 2009, 7, 3447.	1.5	118
53	Highly selective fluorescent chemosensors for cadmium in water. Tetrahedron, 2004, 60, 11239-11249.	1.0	117
54	Lanthanide-Functionalized Nanoparticles as MRI and Luminescent Probes for Sensing and/or Imaging Applications. Inorganic Chemistry, 2014, 53, 1867-1879.	1.9	113

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55	Delayed lanthanide luminescence sensing of aromatic carboxylates using heptadentate triamide Tb(iii) cyclen complexes: the recognition of salicylic acid in waterElectronic supplementary information (ESI) available: experimental section, Fig. S1, Table S1. See http://www.rsc.org/suppdata/cc/b2/b204888d/. Chemical Communications, 2002, , 2134-2135.	2.2	108
56	Anion sensing using colorimetric amidourea based receptors incorporated into a 1,3-disubstituted calix[4]arene. Tetrahedron Letters, 2006, 47, 9333-9338.	0.7	106
57	Soft Matter pH Sensing:Â From Luminescent Lanthanide pH Switches in Solution to Sensing in Hydrogels. Chemistry of Materials, 2006, 18, 4336-4343.	3.2	105
58	4-Amino-1,8-naphthalimide-based anion receptors: employing the naphthalimide Nâ€“H moiety in the cooperative binding of dihydrogenphosphate. Tetrahedron Letters, 2005, 46, 6579-6584.	0.7	103
59	Recent advances in the formation of luminescent lanthanide architectures and self-assemblies from structurally defined ligands. Organic and Biomolecular Chemistry, 2007, 5, 1999.	1.5	102
60	Eu(iii)â€“cyclenâ€“phen conjugate as a luminescent copper sensor: the formation of mixed polymetallic macrocyclic complexes in water. Chemical Communications, 2004, , 782-783.	2.2	100
61	Development of responsive visibly and NIR luminescent and supramolecular coordination self-assemblies using lanthanide ion directed synthesis. Coordination Chemistry Reviews, 2014, 273-274, 226-241.	9.5	98
62	Colorimetric sensing of anions in aqueous solution using a charge neutral, cleft-like, amidothiourea receptor: tilting the balance between hydrogen bonding and deprotonation in anion recognition. Organic and Biomolecular Chemistry, 2008, 6, 4089.	1.5	97
63	Mixed fâ^'d Coordination Complexes as Dual Visible- and Near-Infrared-Emitting Probes for Targeting DNA. Inorganic Chemistry, 2009, 48, 4646-4648.	1.9	97
64	Luminescent Sensing of Dicarboxylates in Water by a Bismacrocyclic Dinuclear Eu(III) Conjugate. Organic Letters, 2007, 9, 1919-1922.	2.4	96
65	A Dinuclear Lanthanide Complex for the Recognition of Bis(carboxylates):â€‰ Formation of Terbium(III) Luminescent Self-Assembly Ternary Complexes in Aqueous Solution. Inorganic Chemistry, 2006, 45, 9465-9474.	1.9	95
66	New Trick for an Old Ligand! The Sensing of Zn(II) Using a Lanthanide Based Ternary Yb(III)-cyclen-8-hydroxyquinoline System As a Dual Emissive Probe for Displacement Assay. Inorganic Chemistry, 2012, 51, 10158-10168.	1.9	95
67	Selective Imaging of Damaged Bone Structure (Microcracks) Using a Targeting Supramolecular Eu(III) Complex As a Lanthanide Luminescent Contrast Agent. Journal of the American Chemical Society, 2009, 131, 17542-17543.	6.6	93
68	Mixed dâ^'f3Coordination Complexes Possessing Improved Near-Infrared (NIR) Lanthanide Luminescent Properties in Aqueous Solution. Inorganic Chemistry, 2010, 49, 8449-8456.	1.9	93
69	Fluorescent PET(Photoinduced Electron Transfer) reagents for thiols. Tetrahedron Letters, 1998, 39, 5077-5080.	0.7	92
70	Sensitized Near-Infrared Lanthanide Luminescence from Nd(III)- and Yb(III)-Based Cyclenâ^'Ruthenium Coordination Conjugates. Inorganic Chemistry, 2006, 45, 10040-10042.	1.9	92
71	Lanthanide luminescent anion sensing: evidence of multiple anion recognition through hydrogen bonding and metal ion coordination. Chemical Communications, 2007, , 3389.	2.2	92
72	Highlights of the development and application of luminescent lanthanide based coordination polymers, MOFs and functional nanomaterials. Dalton Transactions, 2021, 50, 770-784.	1.6	92

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73	Selective signalling of zinc ions by modulation of terbium luminescence. Chemical Communications, 2000, , 473-474.	2.2	89
74	3-Urea-1,8-naphthalimides are good chemosensors: a highly selective dual colorimetric and fluorescent ICT based anion sensor for fluoride. Tetrahedron Letters, 2011, 52, 1503-1505.	0.7	88
75	Tuning photoactive metalâ€“organic frameworks for luminescence and photocatalytic applications. Coordination Chemistry Reviews, 2021, 437, 213757.	9.5	88
76	Fluorescent switches with high selectivity towards sodium ions: correlation of ion-induced conformation switching with fluorescence function. Chemical Communications, 1996, , 1967.	2.2	87
77	The Recognition and Sensing of Anions through â€œPositive Allosteric Effectsâ€•Using Simple Ureaâ€'Amide Receptors. Journal of Organic Chemistry, 2008, 73, 9235-9244.	1.7	86
78	Synthesis, spectroscopic and biological studies of a fluorescent Pt(ii) (terpy) based 1,8-naphthalimide conjugate as a DNA targeting agent. Chemical Communications, 2013, 49, 8522.	2.2	86
79	Reversible anion binding in aqueous solution at a cationic heptacoordinate lanthanide centre: selective bicarbonate sensing by time-delayed luminescence. Chemical Communications, 1998, , 1643-1644.	2.2	85
80	Luminescent Lanthanide-Functionalized Gold Nanoparticles: Exploiting the Interaction with Bovine Serum Albumin for Potential Sensing Applications. ACS Nano, 2011, 5, 7184-7197.	7.3	84
81	Self-assembly formation of mechanically interlocked [2]- and [3]catenanes using lanthanide ion [Eu(iii)] templation and ring closing metathesis reactions. Chemical Communications, 2014, 50, 2857.	2.2	84
82	A novel Eu(III)-based luminescent chemosensor: determining pH in a highly acidic environment. Tetrahedron Letters, 2001, 42, 8901-8905.	0.7	83
83	The Formation of Luminescent Supramolecular Ternary Complexes in Water: Delayed Luminescence Sensing of Aromatic Carboxylates Using Coordinated Unsaturated Cationic Heptadentate Lanthanide Ion Complexes. Supramolecular Chemistry, 2003, 15, 505-519.	1.5	83
84	H+, Na+ and K+ modulated lanthanide luminescent switching of Tb(iii) based cyclen aromatic diaza-crown ether conjugates in water. Chemical Communications, 2003, , 2424.	2.2	83
85	Circularly Polarized Lanthanide Luminescence from Langmuirâ€“Blodgett Films Formed from Optically Active and Amphiphilic Eu^{III}â€Based Selfâ€Assembly Complexes. Angewandte Chemie - International Edition, 2012, 51, 704-708.	7.2	83
86	Recent evolution of luminescent photoinduced electron transfer sensors. A review. Analyst, The, 1996, 121, 1759.	1.7	82
87	A novel optically based chemosensor for the detection of blood Na+. Tetrahedron Letters, 2001, 42, 4725-4728.	0.7	77
88	A novel fluorescent photoinduced electron transfer (PET) sensor for lithium. Tetrahedron Letters, 2002, 43, 4989-4992.	0.7	76
89	Detailed Biological Profiling of a Photoactivated and Apoptosis Inducing pdppz Ruthenium(II) Polypyridyl Complex in Cancer Cells. Journal of Medicinal Chemistry, 2015, 58, 4494-4505.	2.9	74
90	A model system using modulation of lanthanide luminescence to signal Zn2+ in competitive aqueous mediaâ€Šâ€. Perkin Transactions II RSC, 2000, , 1819-1831.	1.1	72

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91	Self-assembly formation of a healable lanthanide luminescent supramolecular metallogel from 2,6-bis(1,2,3-triazol-4-yl)pyridine (btp) ligands. Chemical Communications, 2015, 51, 14123-14126.	2.2	72
92	Luminescent Lanthanide Cyclen-Based Enzymatic Assay Capable of Diagnosing the Onset of Catheter-Associated Urinary Tract Infections Both in Solution and within Polymeric Hydrogels. Journal of the American Chemical Society, 2017, 139, 381-388.	6.6	72
93	Photoionic devices with receptor-functionalized fluorophores. Pure and Applied Chemistry, 1996, 68, 1443-1448.	0.9	69
94	Selective fluorescent sensing of chloride. Tetrahedron Letters, 2007, 48, 3135-3139.	0.7	69
95	Solution studies of trimetallic lanthanide luminescent anion sensors: towards ratiometric sensing using an internal reference channel. Dalton Transactions, 2008, , 3801.	1.6	69
96	Photophysical and biological investigation of novel luminescent Ru(ii)-polypyridyl-1,8-naphthalimide TrÃ¶ger's bases as cellular imaging agents. Chemical Communications, 2012, 48, 2588.	2.2	69
97	Recent advances in the development of synthetic chemical probes for glycosidase enzymes. Chemical Communications, 2015, 51, 10576-10588.	2.2	68
98	Fluorescent sensors for ions based on organic structures. Annual Reports on the Progress of Chemistry Section B, 2010, 106, 376.	0.8	67
99	Glycosidase activated release of fluorescent 1,8-naphthalimide probes for tumor cell imaging from glycosylated â€˜pro-probesâ€™. Chemical Communications, 2016, 52, 13086-13089.	2.2	67
100	pHâ€Responsive Luminescent Lanthanideâ€Functionalized Gold Nanoparticles with â€œOnâ€“Offâ€•Ytterbium Switchable Nearâ€Infrared Emission. Angewandte Chemie - International Edition, 2012, 51, 9624-9627.	7.2	66
101	Supramolecular Self-Assembly of Mixed fâ“d Metal Ion Conjugates. Organic Letters, 2006, 8, 2727-2730.	2.4	63
102	Synthesis and photophysical evaluation of a pyridinium 4-amino-1,8-naphthalimide derivative that upon intercalation displays preference for AT-rich double-stranded DNA. Organic and Biomolecular Chemistry, 2012, 10, 3033.	1.5	62
103	Towards the development of controllable and reversible â€˜on-offâ€™ luminescence switching in soft-matter; synthesis and spectroscopic investigation of 1,8-naphthalimide-based PET (photoinduced) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	62
104	Luminescent europium tetraazamacrocyclic complexes with wide range pH sensitivity. Chemical Communications, 1998, , 511-512.	2.2	60
105	Unexpected Selfâ€Sorting Selfâ€Assembly Formation of a [4:4] Sulfate:Ligand Cage from a Preorganized Tripodal Urea Ligand. Angewandte Chemie - International Edition, 2015, 54, 4566-4570.	7.2	60
106	Sensing of biologically relevant d-metal ions using a Eu(iii)-cyclen based luminescent displacement assay in aqueous pH 7.4 buffered solution. Chemical Communications, 2011, 47, 6810.	2.2	59
107	Thiourea Derived TrÃ¶gerâ€™s Bases as Molecular Cleft Receptors and Colorimetric Sensors for Anions. Journal of Organic Chemistry, 2013, 78, 8312-8319.	1.7	59
108	Monitoring one-electron photo-oxidation of guanine in DNA crystals using ultrafast infrared spectroscopy. Nature Chemistry, 2015, 7, 961-967.	6.6	59

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109	White-light emission from discrete heterometallic lanthanide-directed self-assembled complexes in solution. Chemical Science, 2017, 8, 3419-3426.	3.7	59
110	Luminescent sensing and formation of mixed fâ€“d metal ion complexes between a Eu(iii)-cyclen-phen conjugate and Cu(ii), Fe(ii), and Co(ii) in buffered aqueous solution. Dalton Transactions, 2009, , 4703.	1.6	57
111	Fluorescent PET chemosensors for lithium. Tetrahedron, 2004, 60, 5799-5806.	1.0	56
112	Anion recognition and anion-mediated self-assembly with thiourea-functionalised fused [3]polynorbornyl frameworks. Organic and Biomolecular Chemistry, 2007, 5, 1894.	1.5	56
113	The recognition of anions using delayed lanthanide luminescence: The use of Tb(iii) based urea functionalised cyclen complexes. Dalton Transactions, 2009, , 4712.	1.6	56
114	Lanthanide luminescent switches: modulation of the luminescence of bis-macrocyclic based Tb(iii) conjugates in water by H+, Na+ and K+. Dalton Transactions, 2005, , 3204.	1.6	54
115	Aggregation induced emission (AIE) active 4-amino-1,8-naphthalimide-TrÃ¶ger's base for the selective sensing of chemical explosives in competitive aqueous media. Chemical Communications, 2020, 56, 2562-2565.	2.2	53
116	Probing the Effects of Ligand Isomerism in Chiral Luminescent Lanthanide Supramolecular Selfâ€Assemblies: A Europium â€œTrinity Sliotarâ€ Study. Chemistry - A European Journal, 2013, 19, 16181-16186.	1.7	52
117	Direct observation by time-resolved infrared spectroscopy of the bright and the dark excited states of the [Ru(phen)₂(dppz)]²⁺ light-switch compound in solution and when bound to DNA. Chemical Science, 2016, 7, 3075-3084.	3.7	52
118	Recognition and Sensing of Biologically Relevant Anions in Alcohol and Mixed Alcoholâ€“Aqueous Solutions Using Charge Neutral Cleft-Like Glycol-Derived Pyridylâ€“Amidothiourea Receptors. Journal of Organic Chemistry, 2012, 77, 3115-3126.	1.7	51
119	The effect of the 4-amino functionality on the photophysical and DNA binding properties of alkyl-pyridinium derived 1,8-naphthalimides. Organic and Biomolecular Chemistry, 2013, 11, 5642.	1.5	51
120	Two-Photon Luminescent Bone Imaging Using Europium Nanoagents. CheM, 2016, 1, 438-455.	5.8	51
121	Chemical Nano-Gardens: Growth of Salt Nanowires from Supramolecular Self-Assembly Gels. ACS Nano, 2013, 7, 4838-4845.	7.3	50
122	Recent advances in the development of luminescent lanthanide-based supramolecular polymers and soft materials. Dalton Transactions, 2018, 47, 16377-16387.	1.6	50
123	Europium Directed Synthesis of Enantiomerically Pure Dimetallic Luminescent â€œSqueezedâ€• Tripleâ€Stranded Helicates; Solution Studies. Chemistry - an Asian Journal, 2010, 5, 500-504.	1.7	48
124	Displacement assay detection by a dimeric lanthanide luminescent ternary Tb(<scp>iii</scp>)â€“cyclen complex: high selectivity for phosphate and nitrate anions. Dalton Transactions, 2014, 43, 17964-17970.	1.6	48
125	Lanthanide Directed Self-Assembly of Highly Luminescent Supramolecular â€œPeptideâ€•Bundles from Î±-Amino Acid Functionalized 2,6-Bis(1,2,3-triazol-4-yl)pyridine (btp) Ligands. Inorganic Chemistry, 2015, 54, 1426-1439.	1.9	48
126	â€œTurn-onâ€•fluorescence sensing of volatile organic compounds using a 4-amino-1,8-naphthalimide TrÃ¶ger's base functionalised triazine organic polymer. Chemical Communications, 2019, 55, 12140-12143.	2.2	48

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127	Selective and tuneable recognition of anions using C3v-symmetrical tripodal urea-amide receptor platforms. Chemical Communications, 2011, 47, 12176.	2.2	47
128	The application of chiroptical spectroscopy (circular dichroism) in quantifying binding events in lanthanide directed synthesis of chiral luminescent self-assembly structures. Chemical Science, 2015, 6, 457-471.	3.7	47
129	Selective mono N-alkylations of cyclen in one step syntheses. Tetrahedron Letters, 2007, 48, 8052-8055.	0.7	46
130	Lanthanide luminescent gold nanoparticles: pH-driven self-assembly formation between Eu(III)-cyclen conjugated AuNPs and sensitising Î²-diketonate antenna in water. Organic and Biomolecular Chemistry, 2009, 7, 3074.	1.5	46
131	Lanthanide luminescence sensing of copper and mercury ions using an iminodiacetate-based Tb(III)-cyclen chemosensor. Tetrahedron Letters, 2010, 51, 5406-5410.	0.7	46
132	Formation of Selfâ€Templated 2,6â€Bis(1,2,3â€triazolâ€4â€yl)pyridine [2]Catenanes by Triazolyl Hydrogen Bonding: Selective Anion Hosts for Phosphate. Angewandte Chemie - International Edition, 2016, 55, 8938-8943.	7.2	46
133	Synthesis, structural, photophysical and electrochemical studies of various d-metal complexes of btp [2,6-bis(1,2,3-triazol-4-yl)pyridine] ligands that give rise to the formation of metallo-supramolecular gels. Dalton Transactions, 2014, 43, 196-209.	1.6	45
134	Luminescence anion sensing via modulation of MLCT emission from a naphthalimideâ€“Ru(II)â€“polypyridyl complex. Tetrahedron Letters, 2010, 51, 4082-4087.	0.7	44
135	Synthesis and evaluation of colorimetric chemosensors for monitoring sodium and potassium ions in the intracellular concentration range. Perkin Transactions II RSC, 2002, , 1980-1985.	1.1	43
136	Tuning the properties of cyclen based lanthanide complexes for phosphodiester hydrolysis; the role of basic cofactors. Chemical Communications, 2006, , 3791.	2.2	43
137	Sensor targets. Chemical Society Reviews, 2015, 44, 4176-4178.	18.7	43
138	Glycineâ€“alanine conjugated macrocyclic lanthanide ion complexes as artificial ribonucleases. Tetrahedron Letters, 2002, 43, 8493-8497.	0.7	42
139	Towards the development of Eu(III) luminescent switching/sensing in water-permeable hydrogels. Tetrahedron Letters, 2004, 45, 8403-8407.	0.7	42
140	Luminescent self-assembly formation on a gold surface observed by reversible â€˜offâ€“onâ€™ switching of Eu(iii) emission. Chemical Communications, 2009, , 4959.	2.2	42
141	Synthesis, structural characterisation and luminescent anion sensing studies of a Ru(II)polypyridyl complex featuring an aryl urea derivatised 2,2â€²-bpy auxiliary ligand. Inorganica Chimica Acta, 2012, 381, 236-242.	1.2	42
142	Supramolecular pyridyl urea gels as soft matter with antibacterial properties against MRSA and/or E. coli. Chemical Communications, 2014, 50, 10819-10822.	2.2	41
143	Chiroptical Probing of Lanthanideâ€Directed Selfâ€Assembly Formation Using btp Ligands Formed in Oneâ€Pot Diazoâ€Transfer/Deprotection Click Reaction from Chiral Amines. Chemistry - A European Journal, 2016, 22, 486-490.	1.7	41
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