Thorfinnur Gunnlaugsson

List of Publications by Citations

279 papers	26,349 citations	77 h-index	156 g-index
305 ext. papers	28,042 ext. citations	8 avg, IF	7.21 L-index

#	Paper	IF	Citations
279	Signaling Recognition Events with Fluorescent Sensors and Switches. *Chemical Reviews*, **1997**, 97, 1515-1566	58.6	6140
278	Anion recognition and sensing in organic and aqueous media using luminescent and colorimetric sensors. *Coordination Chemistry Reviews*, **2006**, 250, 3094-3117	23.2	1121
277	Fluorescent chemosensors: the past, present and future. *Chemical Society Reviews*, **2017**, 46, 7105-7123	58.5	980
276	Colorimetric and fluorescent anion sensors: an overview of recent developments in the use of 1,8-naphthalimide-based chemosensors. *Chemical Society Reviews*, **2010**, 39, 3936-53	58.5	980
275	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	58.5	472
274	Recent developments in the field of supramolecular lanthanide luminescent sensors and self-assemblies. *Coordination Chemistry Reviews*, **2008**, 252, 2512-2527	23.2	434
273	Fluorescent sensing of pyrophosphate and bis-carboxylates with charge neutral PET chemosensors. *Organic Letters*, **2002**, 4, 2449-52	6.2	416
272	Colorimetric "naked eye" sensing of anions in aqueous solution. *Journal of Organic Chemistry*, **2005**, 70, 10875-8	4.2	350
271	Molecular logic gates: the past, present and future. *Chemical Society Reviews*, **2018**, 47, 2228-2248	58.5	316
270	Integration of Logic Functions and Sequential Operation of Gates at the Molecular-Scale. *Journal of the American Chemical Society*, **1999**, 121, 1393-1394	16.4	316
269	Highly selective colorimetric naked-eye Cu(II) detection using an azobenzene chemosensor. *Organic Letters*, **2004**, 6, 1557-60	6.2	292
268	Responsive lanthanide luminescent cyclen complexes: from switching/sensing to supramolecular architectures. *Chemical Communications*, **2005**, 3114-31	5.8	272
267	The Selectivity of Reversible Oxy-Anion Binding in Aqueous Solution at a Chiral Europium and Terbium Center: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	16.4	257
266	Simple naphthalimide based anion sensors: deprotonation induced colour changes and CO2 fixation. *Tetrahedron Letters*, **2003**, 44, 8909-8913	2	246
265	The development of ruthenium(ii) polypyridyl complexes and conjugates for in vitro cellular and in vivo applications. *Chemical Society Reviews*, **2017**, 46, 7706-7756	58.5	240
264	Fluorescent photoinduced electron transfer (PET) sensing of anions using charge neutral chemosensors. *Chemical Communications*, **2001**, 2556-2557	5.8	223
263	Dual responsive chemosensors for anions: the combination of fluorescent PET (Photoinduced Electron Transfer) and colorimetric chemosensors in a single molecule. *Tetrahedron Letters*, **2003**, 44, 6575-6578	2	215

262	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 'switch on' assay. *Journal of the American Chemical Society*, **2012**, 134, 10725-8	16.4	213
261	pH responsive Eu(III)-phenanthroline supramolecular conjugate: novel "off-on-off" luminescent signaling in the physiological pH range. *Journal of the American Chemical Society*, **2003**, 125, 12062-3	16.4	210
260	Lanthanide macrocyclic quinolyl conjugates as luminescent molecular-level devices. *Journal of the American Chemical Society*, **2001**, 123, 12866-76	16.4	209
259	Design, synthesis and photophysical studies of simple fluorescent anion PET sensors using charge neutral thiourea receptors. *Organic and Biomolecular Chemistry*, **2004**, 2, 1856-63	3.9	201
258	Colorimetric recognition of anions using preorganized tetra-amidourea derived calix[4]arene sensors. *Journal of Organic Chemistry*, **2007**, 72, 7497-503	4.2	190
257	Lanthanide luminescent displacement assays: the sensing of phosphate anions using Eu(III)-cyclen-conjugated gold nanoparticles in aqueous solution. *Journal of the American Chemical Society*, **2008**, 130, 6900-1	16.4	190
256	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, 310-7	3.9	188
255	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, 48-56	3.9	186
254	Fluorescent photoinduced electron transfer (PET) sensors for anions; from design to potential application. *Journal of Fluorescence*, **2005**, 15, 287-99	2.4	176
253	Healable luminescent self-assembly supramolecular metallogels possessing lanthanide (Eu/Tb) dependent rheological and morphological properties. *Journal of the American Chemical Society*, **2015**, 137, 1983-92	16.4	174
252	Luminescent molecular logic gates: the two-input inhibit (INH) function. *Chemical Communications*, **2000**, 93-94	5.8	172
251	Cd(II) sensing in water using novel aromatic iminodiacetate based fluorescent chemosensors. *Organic Letters*, **2003**, 5, 4065-8	6.2	166
250	Europium-directed self-assembly of a luminescent supramolecular gel from a tripodal terpyridine-based ligand. *Angewandte Chemie - International Edition*, **2012**, 51, 7208-12	16.4	160
249	Lanthanide-directed synthesis of luminescent self-assembly supramolecular structures and mechanically bonded systems from acyclic coordinating organic ligands. *Chemical Society Reviews*, **2016**, 45, 3244-74	58.5	159
248	Detecting microdamage in bone. *Journal of Anatomy*, **2003**, 203, 161-72	2.9	157
247	Self-assembly of chiral luminescent lanthanide coordination bundles. *Journal of the American Chemical Society*, **2007**, 129, 10986-7	16.4	149
246	Anion recognition using preorganized thiourea functionalized [3]polynorbornane receptors. *Organic Letters*, **2005**, 7, 5357-60	6.2	142
245	Luminescent Eu(III) and Tb(III) complexes: developing lanthanide luminescent-based devices. *Journal of Fluorescence*, **2005**, 15, 585-95	2.4	135

244	pH driven self-assembly of a ternary lanthanide luminescence complex: the sensing of anions using a beta-diketonate-Eu(III) displacement assay. *Chemical Communications*, **2007**, 129-31	5.8	132
243	Metal-directed synthesis of enantiomerially pure dimetallic lanthanide luminescent triple-stranded helicates. *Journal of the American Chemical Society*, **2009**, 131, 9636-7	16.4	131
242	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, 15862-5	16.4	130
241	A supramolecular Tröger's base derived coordination zinc polymer for fluorescent sensing of phenolic-nitroaromatic explosives in water. *Chemical Science*, **2017**, 8, 1535-1546	9.4	129
240	Photochemistry and Photophysics of Coordination Compounds: Lanthanides **2007**, 1-43		128
239	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, 5302-25	58.5	127
238	Colorimetric "naked-eye" 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	3.6	124
237	A highly selective and sensitive fluorescent PET (photoinduced electron transfer) chemosensor for Zn(II). *Organic and Biomolecular Chemistry*, **2003**, 1, 3265-7	3.9	123
236	Bidirectional photoinduced electron-transfer quenching is observed in 4-amino-1,8-naphthalimide-based fluorescent anion sensors. *Journal of Organic Chemistry*, **2008**, 73, 8073-6	4.2	122
235	Selective fluorescent PET sensing of fluoride (F) using naphthalimide–thiourea and –urea conjugates. *Tetrahedron Letters*, **2007**, 48, 8043-8047	2	120
234	Synthesis, photophysical, and DNA binding studies of fluorescent Tröger's base derived 4-amino-1,8-naphthalimide supramolecular clefts. *Journal of Organic Chemistry*, **2010**, 75, 5513-25	4.2	117
233	Highly effective DNA photocleavage by novel "rigid" Ru(bpy)(3)-4-nitro- and -4-amino-1,8-naphthalimide conjugates. *Inorganic Chemistry*, **2008**, 47, 401-3	5.1	114
232	4-Amino-1,8-naphthalimide-based Tröger's bases as high affinity DNA targeting fluorescent supramolecular scaffolds. *Organic Letters*, **2009**, 11, 4040-3	6.2	113
231	Demonstration of bidirectional photoinduced electron transfer (PET) sensing in 4-amino-1,8-naphthalimide based thiourea anion sensors. *Organic and Biomolecular Chemistry*, **2009**, 7, 3447-54	3.9	111
230	Anion sensing using colorimetric amidourea based receptors incorporated into a 1,3-disubstituted calix[4]arene. *Tetrahedron Letters*, **2006**, 47, 9333-9338	2	106
229	Highly selective fluorescent chemosensors for cadmium in water. *Tetrahedron*, **2004**, 60, 11239-11249	2.4	106
228	Lanthanide-functionalized nanoparticles as MRI and luminescent probes for sensing and/or imaging applications. *Inorganic Chemistry*, **2014**, 53, 1867-79	5.1	103
227	Delayed lanthanide luminescence sensing of aromatic carboxylates using heptadentate triamide Tb(III) cyclen complexes: the recognition of salicylic acid in water. *Chemical Communications*, **2002**, 2134-5	5.8	103

226	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	23.2	101
225	Recent advances in the formation of luminescent lanthanide architectures and self-assemblies from structurally defined ligands. *Organic and Biomolecular Chemistry*, **2007**, 5, 1999-2009	3.9	99
224	Eu(III)-cyclen-phen conjugate as a luminescent copper sensor: the formation of mixed polymetallic macrocyclic complexes in water. *Chemical Communications*, **2004**, 782-3	5.8	98
223	4-Amino-1,8-naphthalimide-based anion receptors: employing the naphthalimide NH moiety in the cooperative binding of dihydrogenphosphate. *Tetrahedron Letters*, **2005**, 46, 6579-6584	2	97
222	Mixed f-d coordination complexes as dual visible- and near-infrared-emitting probes for targeting DNA. *Inorganic Chemistry*, **2009**, 48, 4646-8	5.1	95
221	Soft Matter pH Sensing: From Luminescent Lanthanide pH Switches in Solution to Sensing in Hydrogels. *Chemistry of Materials*, **2006**, 18, 4336-4343	9.6	95
220	Supramolecular Chemistry: A Toolkit for Soft Functional Materials and Organic Particles. *CheM*, **2017**, 3, 764-811	16.2	91
219	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, 4089-92	3.9	90
218	Luminescent sensing of dicarboxylates in water by a bismacrocyclic dinuclear Eu(III) conjugate. *Organic Letters*, **2007**, 9, 1919-22	6.2	90
217	A dinuclear lanthanide complex for the recognition of bis(carboxylates): formation of terbium(III) luminescent self-assembly ternary complexes in aqueous solution. *Inorganic Chemistry*, **2006**, 45, 9465-74	5.1	90
216	Mixed d-f3 coordination complexes possessing improved near-infrared (NIR) lanthanide luminescent properties in aqueous solution. *Inorganic Chemistry*, **2010**, 49, 8449-56	5.1	89
215	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, 10158-68	5.1	88
214	Lanthanide luminescent anion sensing: evidence of multiple anion recognition through hydrogen bonding and metal ion coordination. *Chemical Communications*, **2007**, 3389-91	5.8	88
213	Sensitized near-infrared lanthanide luminescence from Nd(III)- and Yb(III)-based cyclen-ruthenium coordination conjugates. *Inorganic Chemistry*, **2006**, 45, 10040-2	5.1	88
212	Selective signalling of zinc ions by modulation of terbium luminescence. *Chemical Communications*, **2000**, 473-474	5.8	86
211	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	23.2	85
210	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, 17542-3	16.4	84
209	Fluorescent PET(Photoinduced Electron Transfer) reagents for thiols. *Tetrahedron Letters*, **1998**, 39, 5073-5080	2	83

208	Reversible anion binding in aqueous solution at a cationic heptacoordinate lanthanide centre: selective bicarbonate sensing by time-delayed luminescence. *Chemical Communications*, **1998**, 1643-1644	5.8	83
207	The recognition and sensing of anions through "positive allosteric effects" using simple urea-amide receptors. *Journal of Organic Chemistry*, **2008**, 73, 9235-44	4.2	83
206	H+, Na+ and K+ modulated lanthanide luminescent switching of Tb(III) based cyclen aromatic diaza-crown ether conjugates in water. *Chemical Communications*, **2003**, 2424-5	5.8	80
205	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, 8522-4	5.8	78
204	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	1.8	78
203	Luminescent lanthanide-functionalized gold nanoparticles: exploiting the interaction with bovine serum albumin for potential sensing applications. *ACS Nano*, **2011**, 5, 7184-97	16.7	77
202	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	2	77
201	Fluorescent switches with high selectivity towards sodium ions: correlation of ion-induced conformation switching with fluorescence function. *Chemical Communications*, **1996**, 1967	5.8	77
200	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, 2857-60	5.8	76
199	Circularly polarized lanthanide luminescence from Langmuir-Blodgett films formed from optically active and amphiphilic Eu(III)-based self-assembly complexes. *Angewandte Chemie - International Edition*, **2012**, 51, 704-8	16.4	73
198	A novel Eu(III)-based luminescent chemosensor: determining pH in a highly acidic environment. *Tetrahedron Letters*, **2001**, 42, 8901-8905	2	71
197	A novel optically based chemosensor for the detection of blood Na+. *Tetrahedron Letters*, **2001**, 42, 4725-4728		70
196	A model system using modulation of lanthanide luminescence to signal Zn2+ in competitive aqueous media. *Perkin Transactions II RSC*, **2000**, 1819-1831		70
195	Recent evolution of luminescent photoinduced electron transfer sensors. A review. *Analyst, The*, **1996**, 121, 1759	5	70
194	Detailed Biological Profiling of a Photoactivated and Apoptosis Inducing pdppz Ruthenium(II) Polypyridyl Complex in Cancer Cells. *Journal of Medicinal Chemistry*, **2015**, 58, 4494-505	8.3	67
193	Selective fluorescent sensing of chloride. *Tetrahedron Letters*, **2007**, 48, 3135-3139	2	67
192	A novel fluorescent photoinduced electron transfer (PET) sensor for lithium. *Tetrahedron Letters*, **2002**, 43, 4989-4992	2	67
191	Photophysical and biological investigation of novel luminescent Ru(II)-polypyridyl-1,8-naphthalimide Tröger's bases as cellular imaging agents. *Chemical Communications*, **2012**, 48, 2588-90	5.8	64

190	Solution studies of trimetallic lanthanide luminescent anion sensors: towards ratiometric sensing using an internal reference channel. *Dalton Transactions*, **2008**, 3801-4	4.3	64
189	Supramolecular self-assembly of mixed f-d metal ion conjugates. *Organic Letters*, **2006**, 8, 2727-30	6.2	62
188	Photoionic devices with receptor-functionalized fluorophores. *Pure and Applied Chemistry*, **1996**, 68, 1443-1448	2.1	62
187	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, 14123-6	5.8	61
186	Fluorescent sensors for ions based on organic structures. *Annual Reports on the Progress of Chemistry Section B*, **2010**, 106, 376		60
185	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	16.4	59
184	pH-responsive luminescent lanthanide-functionalized gold nanoparticles with "on-off" ytterbium switchable near-infrared emission. *Angewandte Chemie - International Edition*, **2012**, 51, 9624-7	16.4	59
183	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, 3033-43	3.9	57
182	Luminescent sensing and formation of mixed f-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**, 4703-11	4.3	57
181	Luminescent europium tetraazamacrocyclic complexes with wide range pH sensitivity. *Chemical Communications*, **1998**, 511-512	5.8	57
180	Towards the development of controllable and reversible 'on-off' luminescence switching in soft-matter; synthesis and spectroscopic investigation of 1,8-naphthalimide-based PET (photoinduced electron transfer) chemosensors for pH in water-permeable hydrogels. *Arkivoc*, **2003**, 2003, 216-228	0.9	57
179	Anion recognition and anion-mediated self-assembly with thiourea-functionalised fused [3]polynorbornyl frameworks. *Organic and Biomolecular Chemistry*, **2007**, 5, 1894-902	3.9	56
178	Monitoring one-electron photo-oxidation of guanine in DNA crystals using ultrafast infrared spectroscopy. *Nature Chemistry*, **2015**, 7, 961-7	17.6	55
177	Thiourea derived Tröger's bases as molecular cleft receptors and colorimetric sensors for anions. *Journal of Organic Chemistry*, **2013**, 78, 8312-9	4.2	55
176	The recognition of anions using delayed lanthanide luminescence: the use of Tb(iii) based urea functionalised cyclen complexes. *Dalton Transactions*, **2009**, 4712-21	4.3	55
175	Recent advances in the development of synthetic chemical probes for glycosidase enzymes. *Chemical Communications*, **2015**, 51, 10576-88	5.8	54
174	Lanthanide luminescent switches: modulation of the luminescence of bis-macrocyclic based Tb(III) conjugates in water by H+, Na+ and K+. *Dalton Transactions*, **2005**, 3204-12	4.3	53
173	Glycosidase activated release of fluorescent 1,8-naphthalimide probes for tumor cell imaging from glycosylated 'pro-probes'. *Chemical Communications*, **2016**, 52, 13086-13089	5.8	53

172	Unexpected self-sorting self-assembly formation of a [4:4] sulfate:ligand cage from a preorganized tripodal urea ligand. *Angewandte Chemie - International Edition*, **2015**, 54, 4566-70	16.4	51
171	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	5.8	51
170	Fluorescent PET chemosensors for lithium. *Tetrahedron*, **2004**, 60, 5799-5806	2.4	51
169	Recognition and sensing of biologically relevant anions in alcohol and mixed alcohol-aqueous solutions using charge neutral cleft-like glycol-derived pyridyl-amidothiourea receptors. *Journal of Organic Chemistry*, **2012**, 77, 3115-26	4.2	49
168	Chemical nano-gardens: growth of salt nanowires from supramolecular self-assembly gels. *ACS Nano*, **2013**, 7, 4838-45	16.7	46
167	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, 5642-55	3.9	45
166	Selective and tuneable recognition of anions using C(3v)-symmetrical tripodal urea-amide receptor platforms. *Chemical Communications*, **2011**, 47, 12176-8	5.8	45
165	Europium directed synthesis of enantiomerically pure dimetallic luminescent "squeezed" triple-stranded helicates; solution studies. *Chemistry - an Asian Journal*, **2010**, 5, 500-4	4.5	45
164	White-light emission from discrete heterometallic lanthanide-directed self-assembled complexes in solution. *Chemical Science*, **2017**, 8, 3419-3426	9.4	44
163	Lanthanide luminescent gold nanoparticles: pH-driven self-assembly formation between Eu(III)-cyclen conjugated AuNPs and sensitising □diketonate antenna in water. *Organic and Biomolecular Chemistry*, **2009**, 7, 3074	3.9	44
162	Direct observation by time-resolved infrared spectroscopy of the bright and the dark excited states of the [Ru(phen)(dppz)] light-switch compound in solution and when bound to DNA. *Chemical Science*, **2016**, 7, 3075-3084	9.4	43
161	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	4.3	42
160	Probing the effects of ligand isomerism in chiral luminescent lanthanide supramolecular self-assemblies: a europium "Trinity Sliotar" study. *Chemistry - A European Journal*, **2013**, 19, 16181-6	4.8	42
159	Luminescence anion sensing via modulation of MLCT emission from a naphthalimide□Ru(II)□olypyridyl complex. *Tetrahedron Letters*, **2010**, 51, 4082-4087	2	42
158	Lanthanide luminescence sensing of copper and mercury ions using an iminodiacetate-based Tb(III)-cyclen chemosensor. *Tetrahedron Letters*, **2010**, 51, 5406-5410	2	42
157	Selective mono N-alkylations of cyclen in one step syntheses. *Tetrahedron Letters*, **2007**, 48, 8052-8055	2	42
156	Displacement assay detection by a dimeric lanthanide luminescent ternary Tb(III)-cyclen complex: high selectivity for phosphate and nitrate anions. *Dalton Transactions*, **2014**, 43, 17964-70	4.3	41
155	Lanthanide directed self-assembly of highly luminescent supramolecular "peptide" bundles from □amino acid functionalized 2,6-bis(1,2,3-triazol-4-yl)pyridine (btp) ligands. *Inorganic Chemistry*, **2015**, 54, 1426-39	5.1	41

154	Tuning the properties of cyclen based lanthanide complexes for phosphodiester hydrolysis; the role of basic cofactors. *Chemical Communications*, **2006**, 3791-3	5.8	41
153	Towards the development of Eu(III) luminescent switching/sensing in water-permeable hydrogels. *Tetrahedron Letters*, **2004**, 45, 8403-8407	2	41
152	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	9.4	40
151	Luminescent self-assembly formation on a gold surface observed by reversible 'off-on' switching of Eu(III) emission. *Chemical Communications*, **2009**, 4959-61	5.8	40
150	Synthesis and evaluation of colorimetric chemosensors for monitoring sodium and potassium ions in the intracellular concentration range. *Perkin Transactions II RSC*, **2002**, 1980-1985		40
149	Synthesis, structural characterisation and luminescent anion sensing studies of a Ru(II)polypyridyl complex featuring an aryl urea derivatised 2,2?-bpy auxiliary ligand. *Inorganica Chimica Acta*, **2012**, 381, 236-242	2.7	38
148	Glycine□lanine conjugated macrocyclic lanthanide ion complexes as artificial ribonucleases. *Tetrahedron Letters*, **2002**, 43, 8493-8497	2	38
147	Two-Photon Luminescent Bone Imaging Using Europium Nanoagents. *CheM*, **2016**, 1, 438-455	16.2	38
146	Quaternarized pdppz: synthesis, DNA-binding and biological studies of a novel dppz derivative that causes cellular death upon light irradiation. *Chemical Communications*, **2011**, 47, 686-8	5.8	37
145	Recent Highlights in the use of Lanthanide-directed Synthesis of Novel Supramolecular (Luminescent) Self-assembly Structures such as Coordination Bundles, Helicates and Sensors. *Australian Journal of Chemistry*, **2011**, 64, 1315	1.2	36
144	Rapid hydrolytic cleavage of the mRNA model compound HPNP by glycine based macrocyclic lanthanide ribonuclease mimics. *Chemical Communications*, **2002**, 2136-7	5.8	35
143	Towards multifunctional lanthanide-based metal-organic frameworks. *Chemical Communications*, **2015**, 51, 13313-6	5.8	34
142	Supramolecular approach to enantioselective DNA recognition using enantiomerically resolved cationic 4-amino-1,8-naphthalimide-based Tr□er's bases. *Journal of Organic Chemistry*, **2014**, 79, 9272-83	4.2	34
141	Formation of Novel Dinuclear Lanthanide Luminescent Samarium(III), Europium(III), and Terbium(III) Triple-Stranded Helicates from a C2-Symmetrical Pyridine-2,6-dicarboxamide-Based 1,3-Xylenediyl-Linked Ligand in MeCN. *Helvetica Chimica Acta*, **2009**, 92, 2461-2473	2	34
140	Three step vs one pot synthesis and X-ray crystallographic investigation of heptadentate triamide cyclen (1,4,7,10-tetraazacyclododecane) based ligands and some of their lanthanide ion complexes. *Tetrahedron*, **2004**, 60, 105-113	2.4	34
139	Tuning photoactive metal□rganic frameworks for luminescence and photocatalytic applications. *Coordination Chemistry Reviews*, **2021**, 437, 213757	23.2	34
138	Chiroptical Probing of Lanthanide-Directed Self-Assembly Formation Using btp Ligands Formed in One-Pot Diazo-Transfer/Deprotection Click Reaction from Chiral Amines. *Chemistry - A European Journal*, **2016**, 22, 486-90	4.8	34
137	Cross-Linking the Fibers of Supramolecular Gels Formed from a Tripodal Terpyridine Derived Ligand with d-Block Metal Ions. *Inorganic Chemistry*, **2015**, 54, 7735-41	5.1	33

136	Lanthanide luminescent logic gate mimics in soft matter: [H(+)] and [F(-)] dual-input device in a polymer gel with potential for selective component release. *Chemical Communications*, **2015**, 51, 16565-8	5.8	33
135	Fluorescence imaging of bone cracks (microdamage) using visibly emitting 1,8-naphthalimide-based PET sensors. *Tetrahedron Letters*, **2009**, 50, 4114-4116	2	33
134	Synthesis of α-chloroamides in water. *Tetrahedron Letters*, **2006**, 47, 6321-6324	2	33
133	Formation of Self-Templated 2,6-Bis(1,2,3-triazol-4-yl)pyridine [2]Catenanes by Triazolyl Hydrogen Bonding: Selective Anion Hosts for Phosphate. *Angewandte Chemie - International Edition*, **2016**, 55, 8938-43	16.4	33
132	Aggregation induced emission (AIE) active 4-amino-1,8-naphthalimide-Tröger's base for the selective sensing of chemical explosives in competitive aqueous media. *Chemical Communications*, **2020**, 56, 2562-2565	5.8	32
131	Synthesis, crystal structure and EPR spectroscopic analysis of novel copper complexes formed from N-pyridyl-4-nitro-1,8-naphthalimide ligands. *Dalton Transactions*, **2014**, 43, 6468-79	4.3	32
130	Colorimetric naked eye sensing of anions using a thiosemicarbazide receptor: a case study of recognition through hydrogen bonding versus deprotonation. *Tetrahedron Letters*, **2013**, 54, 2770-2775	2	32
129	Fluorescent tren-based 4-amino-1,8-naphthalimide sensor for Cu(II) based on the use of the (fluorophore–spacer–receptor) photoinduced electron transfer (PET) principle. *Supramolecular Chemistry*, **2013**, 25, 101-108	1.8	32
128	Lanthanide macrocyclic quinolyl conjugates as luminescent molecular switches and logic gate functions using HO^- and O_2 as inputs. *New Journal of Chemistry*, **2009**, 33, 1025	3.6	32
127	Synthesis, Structural and Photophysical Evaluations of Urea Based Fluorescent PET Sensors for Anions. *Supramolecular Chemistry*, **2008**, 20, 407-418	1.8	32
126	Unexpected DNA binding properties with correlated downstream biological applications in mono vs. bis-1,8-naphthalimide Ru(II)-polypyridyl conjugates. *Dalton Transactions*, **2015**, 44, 16332-44	4.3	31
125	Synthesis, photophysical and cytotoxicity evaluations of DNA targeting agents based on 3-amino-1,8-naphthalimide derived Tröger's bases. *Organic and Biomolecular Chemistry*, **2014**, 12, 6610-23	3.9	30
124	Recent advances in the development of luminescent lanthanide-based supramolecular polymers and soft materials. *Dalton Transactions*, **2018**, 47, 16377-16387	4.3	30
123	Synthesis, structural characterisation and antiproliferative activity of a new fluorescent 4-amino-1,8-naphthalimide Tröger's base-Ru(ii)-curcumin organometallic conjugate. *Chemical Communications*, **2018**, 54, 4120-4123	5.8	29
122	Luminescent ruthenium polypyridyl complexes with extended 'dppz' like ligands as DNA targeting binders and cellular agents. *Dalton Transactions*, **2016**, 45, 18208-18220	4.3	29
121	Supramolecular pyridyl urea gels as soft matter with antibacterial properties against MRSA and/or E. coli. *Chemical Communications*, **2014**, 50, 10819-22	5.8	29
120	Reversal of a Single Base-Pair Step Controls Guanine Photo-Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. *Angewandte Chemie - International Edition*, **2015**, 54, 8364-8	16.4	29
119	Highlights of the development and application of luminescent lanthanide based coordination polymers, MOFs and functional nanomaterials. *Dalton Transactions*, **2021**, 50, 770-784	4.3	29

118	Coordination chemistry of N-picolyl-1,8-naphthalimides: colourful low molecular weight metallo-gelators and unique chelation behaviours. *Inorganic Chemistry Frontiers*, **2017**, 4, 296-308	6.8	28
117	Quantifying the formation of chiral luminescent lanthanide assemblies in an aqueous medium through chiroptical spectroscopy and generation of luminescent hydrogels. *Faraday Discussions*, **2015**, 185, 413-31	3.6	28
116	Near infrared (NIR) lanthanide emissive Langmuir-Blodgett monolayers formed using Nd(III) directed self-assembly synthesis of chiral amphiphilic ligands. *Langmuir*, **2013**, 29, 11506-15	4	28
115	Lanthanide directed self-assembly formations of Tb(III) and Eu(III) luminescent complexes from tryptophan based pyridyl amide ligands. *Chemical Communications*, **2011**, 47, 7119-21	5.8	28
114	Lanthanide directed self-assembly synthesis and photophysical evaluation of chiral Eu(III) luminescent "half-helicates". *Dalton Transactions*, **2011**, 40, 12056-9	4.3	28
113	Ru(II)-polypyridyl surface functionalised gold nanoparticles as DNA targeting supramolecular structures and luminescent cellular imaging agents. *Nanoscale*, **2016**, 8, 563-74	7.7	27
112	Synthesis and structural studies of 1,4-di(2-pyridyl)-1,2,3-triazole and its transition metal complexes; a versatile and subtly unsymmetric ligand. *Dalton Transactions*, **2016**, 45, 10209-21	4.3	27
111	Enantiomeric Conformation Controls Rate and Yield of Photoinduced Electron Transfer in DNA Sensitized by Ru(II) Dipyridophenazine Complexes. *Journal of Physical Chemistry Letters*, **2015**, 6, 734-8	6.4	26
110	Spontaneous formation of novel luminescent dinuclear lanthanide complexes that emit in the visible and near-IR regions. *Inorganic Chemistry*, **2011**, 50, 2723-5	5.1	26
109	Photoionic Supermolecules: Mobilizing the Charge and Light Brigades. *Journal of Chemical Education*, **1997**, 74, 53	2.4	26
108	Synthesis, structural and biological evaluation of GlyAla based lanthanide macrocyclic conjugates as supramolecular ribonuclease mimics. *Polyhedron*, **2003**, 22, 711-724	2.7	26
107	Cyclen based lanthanide ion ribonuclease mimics: the effect of pyridine cofactors upon phosphodiester HPNP hydrolysis. *Tetrahedron Letters*, **2005**, 46, 3761-3766	2	26
106	Synthesis of luminescent homo-dinuclear cationic lanthanide cyclen complexes bearing amide pendant arms through the use of copper catalysed (1,3-Huisgen, CuAAC) click chemistry. *Organic and Biomolecular Chemistry*, **2012**, 10, 314-22	3.9	25
105	Europium-Directed Self-Assembly of a Luminescent Supramolecular Gel from a Tripodal Terpyridine-Based Ligand. *Angewandte Chemie*, **2012**, 124, 7320-7324	3.6	25
104	Enhanced photolabelling of luminescent Eu(III) centres with a chelating antenna in a micellar nanodomain. *Chemical Communications*, **2010**, 46, 2486-8	5.8	25
103	Fluorescent sensing of anions using a bis-quinoxaline amidothiourea based supramolecular cleft; an example of an anion-induced deprotonation event. *Tetrahedron Letters*, **2010**, 51, 5402-5405	2	24
102	The effect of the linker size in C-symmetrical chiral ligands on the self-assembly formation of luminescent triple-stranded di-metallic Eu(iii) helicates in solution. *Dalton Transactions*, **2018**, 47, 12308-12317	4.3	23
101	The effect on the lanthanide luminescence of structurally simple Eu(III) cyclen complexes upon deprotonation of metal bound water molecules and amide based pendant arms. *Dalton Transactions*, **2010**, 39, 3644-52	4.3	23

100	Histological, Spectroscopic, and Surface Analysis of Microdamage in Bone: Toward Real-Time Analysis Using Fluorescent Sensors. *Chemistry of Materials*, **2007**, 19, 1656-1663	9.6	23
99	"Turn-on" fluorescence sensing of volatile organic compounds using a 4-amino-1,8-naphthalimide Tröger's base functionalised triazine organic polymer. *Chemical Communications*, **2019**, 55, 12140-12143	5.8	22
98	Reversible adsorption and storage of secondary explosives from water using a Tröger's base-functionalised polymer. *Journal of Materials Chemistry A*, **2017**, 5, 25014-25024	13	22
97	Supramolecular pathways: Accessible self-assembly. *Nature Chemistry*, **2016**, 8, 6-7	17.6	21
96	Hydrogen bonding interactions and supramolecular networks of pyridine-aryl based thiosemicarbazides and their Zn(II) complexes. *CrystEngComm*, **2013**, 15, 1421	3.3	21
95	Exploring the luminescent sensing of anions by the use of an urea functionalised 1,10-phenanthroline (phen)-based (3:1) Eu(III) complex. *Supramolecular Chemistry*, **2009**, 21, 173-180	1.8	21
94	Structural studies in aqueous solution of new binuclear lanthanide luminescent peptide conjugates. *Chemical Communications*, **2008**, 4552-4	5.8	21
93	A resilient and luminescent stimuli-responsive hydrogel from a heterotopic 1,8-naphthalimide-derived ligand. *Chemical Communications*, **2017**, 53, 5989-5992	5.8	20
92	Chiral luminescent lanthanide complexes possessing strong (samarium, Sm) circularly polarised luminescence (CPL), and their self-assembly into Langmuir-Blodgett films. *Dalton Transactions*, **2019**, 48, 11317-11325	4.3	20
91	Luminescent lanthanide-binding peptides: sensitising the excited states of Eu(III) and Tb(III) with a 1,8-naphthalimide-based antenna. *Organic and Biomolecular Chemistry*, **2012**, 10, 126-33	3.9	20
90	Pushing the limit: synthesis, photophysical and DNA binding studies of a NIR-emitting Ru(II)-polypyridyl probe with 'light switch' behaviour. *Dalton Transactions*, **2012**, 41, 6607-10	4.3	20
89	Synthesis, X-ray crystallographic, spectroscopic investigation and cleavage studies of HPNP by simple bispyridyl iron, copper, cobalt, nickel and zinc complexes as artificial nucleases. *Polyhedron*, **2003**, 22, 3231-3242	2.7	20
88	Flexible Porous Coordination Polymers from Divergent Photoluminescent 4-Oxo-1,8-naphthalimide Ligands. *Inorganic Chemistry*, **2016**, 55, 11570-11582	5.1	20
87	Surface-Modified Gold Nanoparticles Possessing Two-Channel Responsive Eu /Tb Cyclen Complexes as Luminescent Logic Gate Mimics. *ChemPhysChem*, **2017**, 18, 1746-1751	3.2	18
86	Luminescent lanthanide (Eu(iii)) cross-linked supramolecular metallo co-polymeric hydrogels: the effect of ligand symmetry. *Chemical Communications*, **2019**, 55, 1754-1757	5.8	18
85	Structure Direction, Solvent Effects, and Anion Influences in Halogen-Bonded Adducts of 2,6-Bis(iodoethynyl)pyridine. *Crystal Growth and Design*, **2016**, 16, 5194-5205	3.5	18
84	Efficient quenching of TGA-capped CdTe quantum dot emission by a surface-coordinated europium(III) cyclen complex. *Inorganic Chemistry*, **2013**, 52, 4133-5	5.1	18
83	Effect on pKa of metal-bound water molecules in lanthanide ion-induced cyclen "cavities". *Organic Letters*, **2004**, 6, 4805-8	6.2	18

82	Synthesis of functionalised macrocyclic compounds as Na+ and K+ receptors: a mild and high yielding nitration in water of mono and bis 2-methoxyaniline functionalised crown ethers. *Journal of the Chemical Society, Perkin Transactions 1*, **2002**, 1954-1962		18
81	Inosine Can Increase DNA's Susceptibility to Photo-oxidation by a Ru Complex due to Structural Change in the Minor Groove. *Chemistry - A European Journal*, **2017**, 23, 10344-10351	4.8	17
80	Cyclen lanthanide-based micellar structures for application as luminescent [Eu(iii)] and magnetic [Gd(iii)] resonance imaging (MRI) contrast agents. *Chemical Communications*, **2016**, 52, 10858-61	5.8	17
79	Synthesis and evaluation of potential CT (computer tomography) contrast agents for bone structure and microdamage analysis. *Organic and Biomolecular Chemistry*, **2006**, 4, 3611-7	3.9	17
78	Synthesis and characterisation of bis-cyclen based dinuclear lanthanide complexes. *Organic and Biomolecular Chemistry*, **2006**, 4, 1572-9	3.9	17
77	Glycosylated lanthanide cyclen complexes as luminescent probes for monitoring glycosidase enzyme activity. *Organic and Biomolecular Chemistry*, **2016**, 14, 9133-9145	3.9	17
76	Solution-State Anion Recognition, and Structural Studies, of a Series of Electron-Rich meta-Phenylene Bis(phenylurea) Receptors and Their Self-Assembled Structures. *Journal of Organic Chemistry*, **2018**, 83, 10398-10408	4.2	16
75	Sulfate-Templated 2D Anion-Layered Supramolecular Self-Assemblies. *CheM*, **2019**, 5, 2617-2629	16.2	16
74	Exploring the Effect of Ligand Structural Isomerism in Langmuir-Blodgett Films of Chiral Luminescent Eu(III) Self-Assemblies. *Chemistry - A European Journal*, **2016**, 22, 9709-23	4.8	16
73	Supramolecular Anion Recognition Mediates One-Pot Synthesis of 3-Amino-[1,2,4]-triazolo Pyridines from Thiosemicarbazides. *Organic Letters*, **2017**, 19, 1068-1071	6.2	15
72	Synthesis and photophysical evaluations of fluorescent quaternary bipyridyl-1,8-naphthalimide conjugates as nucleic acid targeting agents. *Supramolecular Chemistry*, **2012**, 24, 175-188	1.8	15
71	Formation of luminescent terbium(III) self-assemblies from pyridyl bis-amidothioureas based ligands in MeOH and in water-DMSO solutions and their use in anion sensing application. *Organic and Biomolecular Chemistry*, **2012**, 10, 6069-73	3.9	15
70	Synthesis and characterisation of novel 3?-O- and 5?-O- modified azobenzene-thymidine phosphoramidites and their oligonucleotide conjugates as colorimeter DNA probes and FRET quenchers. *Tetrahedron Letters*, **2003**, 44, 8571-8575	2	15
69	Glycosylated naphthalimides and naphthalimide Tröger's bases as fluorescent aggregation probes for Con A. *Organic and Biomolecular Chemistry*, **2019**, 17, 2116-2125	3.9	14
68	Unexpected Self-Sorting Self-Assembly Formation of a [4:4] Sulfate:Ligand Cage from a Preorganized Tripodal Urea Ligand. *Angewandte Chemie*, **2015**, 127, 4649-4653	3.6	14
67	Circularly Polarized Lanthanide Luminescence from Langmuir–Blodgett Films Formed from Optically Active and Amphiphilic EuIII-Based Self-Assembly Complexes. *Angewandte Chemie*, **2012**, 124, 728-732	3.6	14
66	Synthesis, photophysical and NMR evaluations of thiourea-based anion receptors possessing an acetamide moiety. *Supramolecular Chemistry*, **2010**, 22, 586-597	1.8	14
65	Crystallographic, 1H NMR and CD studies of sterically strained thiourea anion receptors possessing two stereogenic centres. *New Journal of Chemistry*, **2009**, 33, 793	3.6	14

64	Microdamage in bone: surface analysis and radiological detection. *Journal of Biomechanics*, **2006**, 39, 1552-6	2.9	14
63	Supramolecular photoionic devices. *Advances in Supramolecular Chemistry*, **1997**, 1-53		14
62	Multichannel Luminescent Lanthanide Polymers as Ratiometric Sensors for D 2 O. *CheM*, **2017**, 2, 463-465	6.2	13
61	Supramolecular coordination polymers using a close to 'V-shaped' fluorescent 4-amino-1,8-naphthalimide Tröger's base scaffold. *Chemical Communications*, **2017**, 53, 12512-12515	5.8	13
60	A Lanthanide Luminescent Cation Exchange Material Derived from a Flexible Tricarboxylic Acid 2,6-Bis(1,2,3-triazol-4-yl)pyridine (btp) Tecton. *Inorganic Chemistry*, **2018**, 57, 3920-3930	5.1	13
59	One-pot facile synthesis of 4-amino-1,8-naphthalimide derived Tröger's bases via a nucleophilic displacement approach. *Organic and Biomolecular Chemistry*, **2017**, 15, 7321-7329	3.9	13
58	Benzene-1,3,5-tricarboxamide n-alkyl ester and carboxylic acid derivatives: tuneable structural, morphological and thermal properties. *CrystEngComm*, **2017**, 19, 1427-1438	3.3	12
57	Monitoring guanine photo-oxidation by enantiomerically resolved Ru(II) dipyridophenazine complexes using inosine-substituted oligonucleotides. *Faraday Discussions*, **2015**, 185, 455-69	3.6	12
56	Reversal of a Single Base-Pair Step Controls Guanine Photo-Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. *Angewandte Chemie*, **2015**, 127, 8484-8488	3.6	12
55	pH-Responsive Luminescent Lanthanide-Functionalized Gold Nanoparticles with "On/Off" Ytterbium Switchable Near-Infrared Emission. *Angewandte Chemie*, **2012**, 124, 9762-9765	3.6	12
54	Selective formation of the rctt chair stereoisomers of octa-O-alkyl resorcin[4]arenes using Brønsted acid catalysis. *New Journal of Chemistry*, **2008**, 32, 994	3.6	12
53	Halide-Controlled Extending-Shrinking Motion of a Covalent Cage. *Journal of Organic Chemistry*, **2019**, 84, 4221-4228	4.2	11
52	Formation of Enantiomerically Pure Luminescent Triple-Stranded Dimetallic Europium Helicates and Their Corresponding Hierarchical Self-Assembly Formation in Protic Polar Solutions. *Inorganic Chemistry*, **2020**, 59, 2646-2650	5.1	11
51	Delayed lanthanide luminescent Tb(III) complexes formed from lower rim amide functionalised calix[4]arenes. *Supramolecular Chemistry*, **2013**, 25, 869-880	1.8	11
50	Lower rim amide (1,3) functionalised calix[4]arene amido-thiourea derivatives as dimetallic Zn(II) coordination complexes for anion recognition/sensing. *Supramolecular Chemistry*, **2015**, 27, 697-705	1.8	10
49	Luminescent Terbium Contrast Agent for Bone Microdamage Detection. *Australian Journal of Chemistry*, **2011**, 64, 600	1.2	10
48	4-Amino-1,8-naphthalimide based fluorescent photoinduced electron transfer (PET) pH sensors as liposomal cellular imaging agents: The effect of substituent patterns on PET directional quenching. *Frontiers of Chemical Science and Engineering*, **2020**, 14, 61-75	4.5	10
47	Tetraarylpyrrolo[3,2-b]pyrroles as versatile and responsive fluorescent linkers in metal-organic frameworks. *Dalton Transactions*, **2018**, 47, 10080-10092	4.3	10

46	Crystallographic studies of 2-picolyl substituted naphthalene diimide and bis-phthalimide ligands and their supramolecular coordination chemistry. *CrystEngComm*, **2019**, 21, 207-217	3.3	9
45	Fluorescent Detection Principles and Strategies **2011**, 229-252		9
44	The synthesis, N-alkylation and epimerisation study of a phthaloyl derived thiazolidine. *Tetrahedron* , **2008**, 64, 6794-6800	2.4	9
43	Norbornene chaotropic salts as low molecular mass ionic organogelators (LMIOGs). *Chemical Science*, **2018**, 9, 5233-5241	9.4	9
42	Improved synthesis of a C3-symmetrical pyridinophane. *Tetrahedron Letters*, **2008**, 49, 1993-1996	2	8
41	Fluorescent supramolecular hierarchical self-assemblies from glycosylated 4-amino- and 4-bromo-1,8-naphthalimides. *Organic and Biomolecular Chemistry*, **2020**, 18, 3475-3480	3.9	8
40	Water-soluble amphiphilic ruthenium(ii) polypyridyl complexes as potential light-activated therapeutic agents. *Chemical Communications*, **2020**, 56, 9332-9335	5.8	7
39	Synthesis, Characterization, and Biological Profiling of Ruthenium(II)-Based 4-Nitro- and 4-Amino-1,8-naphthalimide Conjugates. *Inorganic Chemistry*, **2020**, 59, 10874-10893	5.1	7
38	Mechanically Interlocked Chiral Self-Templated [2]Catenanes from 2,6-Bis(1,2,3-triazol-4-yl)pyridine (btp) Ligands. *Chemistry - A European Journal*, **2021**, 27, 12052-12057	4.8	7
37	Tri- and tetra-substituted cyclen based lanthanide(III) ion complexes as ribonuclease mimics: a study into the effect of log Ka, hydration and hydrophobicity on phosphodiester hydrolysis of the RNA-model 2-hydroxypropyl-4-nitrophenyl phosphate (HPNP). *Organic and Biomolecular Chemistry*, **2015**, 13, 5804-16	3.9	6
36	Coordination chemistry of flexible benzene-1,3,5-tricarboxamide derived carboxylates; notable structural resilience and vaguely familiar packing motifs. *Dalton Transactions*, **2018**, 47, 5259-5268	4.3	6
35	The 4-pyridonyl group as a multifunctional electron donor in 1,8-naphthalimide-based photoluminescent and mechanically interlocked coordination compounds. *Materials Chemistry Frontiers*, **2018**, 2, 1366-1373	7.8	6
34	Crystal Engineering of 6-Carboxy-4-aryl-2,2?-bipyridine Complexes: Potent Chelators with Intrinsic Intermolecular Affinity. *Crystal Growth and Design*, **2017**, 17, 4365-4376	3.5	5
33	Novel sodium-selective fluorescent PET and optically based chemosensors: towards Na+ determination in serum. *Perkin Transactions II RSC*, **2002**, 141-150		5
32	Caught in the Loop: Binding of the [Ru(phen) (dppz)] Light-Switch Compound to Quadruplex DNA in Solution Informed by Time-Resolved Infrared Spectroscopy. *Chemistry - A European Journal*, **2020**, 26, 17103-17109	4.8	5
31	Self-assembled bright luminescent hierarchical materials from a tripodal benzoate antenna and heptadentate Eu(III) and Tb(III) cyclen complexes. *Frontiers of Chemical Science and Engineering*, **2019**, 13, 171-184	4.5	5
30	Recent advances in the development of the btp motif: A versatile terdentate coordination ligand for applications in supramolecular self-assembly, cation and anion recognition chemistries. *Coordination Chemistry Reviews*, **2021**, 449, 214206	23.2	5
29	A folded [2 □2] metallo-supramolecular grid from a bis-tridentate (1,2,3-triazol-4-yl)-picolinamide (tzpa) ligand. *Dalton Transactions*, **2017**, 46, 6464-6472	4.3	4

28	Balancing connectivity with function in silver(i) networks of pyridyltriazole (tzpa) ligands results in the formation of a metallogel. *Dalton Transactions*, **2020**, 49, 7364-7372	4.3	4
27	Hetero-metallic, functionalizable polyoxomolybdate clusters via a "top-down" synthetic method. *Chemical Communications*, **2017**, 53, 10660-10663	5.8	4
26	Synthesis and crystallographic analysis of short pyridine-based oligoamides as DNA-targeting supramolecular binders. *Supramolecular Chemistry*, **2010**, 22, 483-490	1.8	4
25	Synthesis, structural characterization, antibiotics sensing and coordination chemistry of a fluorescent 4-amino-1,8-naphthalimide Tröger's base supramolecular scaffold. *Supramolecular Chemistry*, **2020**, 32, 620-633	1.8	4
24	Understanding the factors controlling the photo-oxidation of natural DNA by enantiomerically pure intercalating ruthenium polypyridyl complexes through TA/TRIR studies with polydeoxynucleotides and mixed sequence oligodeoxynucleotides. *Chemical Science*, **2020**, 11, 8600-8609	9.4	4
23	Formation of Self-Templated 2,6-Bis(1,2,3-triazol-4-yl)pyridine [2]Catenanes by Triazolyl Hydrogen Bonding: Selective Anion Hosts for Phosphate. *Angewandte Chemie*, **2016**, 128, 9084-9089	3.6	4
22	Self-assembled Ln(III) cyclen-based micelles and AuNPs conjugates as candidates for luminescent and magnetic resonance imaging (MRI) agents. *Supramolecular Chemistry*, **2020**, 32, 373-382	1.8	4
21	[Re(CO)(5-PAN)Cl], a rhenium(I) naphthalimide complex for the visible light photocatalytic reduction of CO. *Dalton Transactions*, **2021**, 50, 3479-3486	4.3	4
20	Exploring the reversible host-guest chemistry of a crystalline octanuclear Ag(i) metallosupramolecular macrocycle formed from a simple pyrazinylpyridine ligand. *Dalton Transactions*, **2018**, 47, 17266-17275	4.3	4
19	Integrating NIR light photocage enables in vivo dual-channel tracking of drug release. *Science China Chemistry*, **2018**, 61, 1347-1348	7.9	3
18	Unexpected linkage isomerism in chiral tetranuclear bis-tridentate (1,2,3-triazol-4-yl)-picolinamide (tzpa) grids. *Chemical Communications*, **2019**, 55, 9523-9526	5.8	3
17	Modification of an intermolecular photoreaction by cyclodextrin: the photohydroxylation of 3-nitroanisole. *Journal of Photochemistry and Photobiology A: Chemistry*, **1994**, 78, 57-62	4.7	3
16	Higher Generation Luminescent Pet (Photoinduced Electron Transfer) Sensors **1997**, 143-157		3
15	Ruthenium-centred btp glycoclusters as inhibitors for biofilm formation.. *RSC Advances*, **2021**, 11, 16318-16325	3.9	3
14	A Schiff-base cross-linked supramolecular polymer containing diiminophenol compartments and its interaction with copper(II) ions. *Supramolecular Chemistry*, **2018**, 30, 93-102	1.8	3
13	Effect of Alkyl Chain Length on the Photophysical, Photochemical, and Photobiological Properties of Ruthenium(II) Polypyridyl Complexes for Their Application as DNA-Targeting, Cellular-Imaging, and Light-Activated Therapeutic Agents.. *ACS Applied Bio Materials*, **2021**, 4, 6664-6681	4.1	3
12	Supramolecular aggregation properties of 4-(1-morpholino)-1,8-naphthalimide based fluorescent materials. *Materials Chemistry Frontiers*, **2021**, 5, 3458-3469	7.8	3
11	Self-organization of photo-active nanostructures: general discussion. *Faraday Discussions*, **2015**, 185, 529-48	3.6	2

10	Functionalisation of gold nanoparticles with ruthenium(II) polypyridyl complexes for their application in cellular imaging. *Dalton Transactions*, **2020**, 49, 14158-14168	4.3	2
9	Hyper-crosslinked 4-amino-1,8-naphthalimide Tröger's base containing pyridinium covalent organic polymer (COP) for discriminative fluorescent sensing of chemical explosives. *Supramolecular Chemistry*, **2020**, 32, 508-517	1.8	2
8	Fluorescent 4-amino-1,8-naphthalimide Tröger's bases possessing conjugated 4-amino-1,8-naphthalimide moieties and their potential fullerenes Host-Guest complexes. *Results in Chemistry*, **2021**, 3, 100128	2.1	2
7	Squaramide-Based Self-Associating Amphiphiles for Anion Recognition. *ChemPlusChem*, **2021**, 86, 1058-1068	2.8	2
6	Lanthanide Ion Complexes as Chemosensors **2014**, 231-268		1
5	Luminescent Sensing **2012**,		1
4	Responsive Lanthanoid Luminescent Cyclen Complexes: From Switching/Sensing to Supramolecular Architectures. *ChemInform*, **2005**, 36, no		1
3	Macrocyclic [2]catenane btp structures: influence of (aryl) substitution on the self templation of btp ligands in macrocyclic synthesis. *Organic and Biomolecular Chemistry*, **2021**, 19, 10189-10200	3.9	1
2	Fluorescent 4-amino-1,8-naphthalimide Tröger's bases (TBNaps) possessing (orthogonal) 'α-amino acids', esters and di-peptides and their solvent dependent photophysical properties. *Organic and Biomolecular Chemistry*, **2021**, 19, 6817-6833	3.9	1
1	Fluorescent 3-amino-1,8-naphthalimide Tröger's bases (3-amino-TBNaps) incorporating protected α-amino acids. *Tetrahedron Letters*, **2021**, 83, 153405	2	0