Taking advantage of luminescent lanthanide ions

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Citation Report

#	Article	IF	Citations
1	Stable 8-Hydroxyquinolinate-Based Podates as Efficient Sensitizers of Lanthanide Near-Infrared Luminescence. Inorganic Chemistry, 2006, 45, 732-743.	1.9	124
2	Sensitised near infrared emission from lanthanides via anion-templated assembly of dâ€“f heteronuclear [2]pseudorotaxanes. New Journal of Chemistry, 2006, 30, 1133-1136.	1.4	56
3	Scandium, yttrium, the lanthanides and the actinides. Annual Reports on the Progress of Chemistry Section A, 2006, 102, 308.	0.8	7
4	Two- and Three-Dimensional Networks of Gadolinium(III) with Dicarboxylate Ligands:Â Synthesis, Crystal Structure, and Magnetic Properties. Inorganic Chemistry, 2006, 45, 10585-10594.	1.9	89
5	Photophysical properties of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2006, 102, 584.	0.8	6
6	Lanthanide Triple-Stranded Helicates:â€‰ Controlling the Yield of the Heterobimetallic Species. Inorganic Chemistry, 2006, 45, 7806-7814.	1.9	38
7	Crystal Engineering with the Uranyl Cation II. Mixed Aliphatic Carboxylate/Aromatic Pyridyl Coordination Polymers:â€‰ Synthesis, Crystal Structures, and Sensitized Luminescence. Crystal Growth and Design, 2006, 6, 2248-2259.	1.4	158
8	Synthesis and characterisation of dimeric eight-coordinate lanthanide(iii) complexes of a macrocyclic tribenzylphosphinate ligand. Dalton Transactions, 2006, , 5423.	1.6	13
10	Design, synthesis and photophysical studies of an emissive, europium based, sensor for zinc. Dalton Transactions, 2006, , 3108.	1.6	86
11	Barium induced modulation of NIR emission in a neodymium cryptate complex. Chemical Communications, 2006, , 5048.	2.2	24
12	Diplatinum alkynyl chromophores as sensitisers for lanthanide luminescence in Pt2Ln2 and Pt2Ln4 (Ln) Tj ETQq0 0 0 rgBT /Overlock 10 T Communications, 2006, , 1601.	2.2	133
13	Synthesis and structural characterization of lanthanide(iii) nitrate complexes of a tetraiminodiphenol macrocycle in the solid state and in solution. Dalton Transactions, 2006, , 3236-3248.	1.6	35
14	Visible-Light-Sensitized Near-Infrared Luminescence from Rare-Earth Complexes of the 9-Hydroxyphenalen-1-one Ligand. Inorganic Chemistry, 2006, 45, 10416-10418.	1.9	51
15	Lanthanides to Quantum Dots Resonance Energy Transfer in Time-Resolved Fluoro-Immunoassays and Luminescence Microscopy. Journal of the American Chemical Society, 2006, 128, 12800-12809.	6.6	205
16	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€™-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.	1.9	109
17	Aminopropargyl derivative of terpyridine-bis(methyl-enamine) tetraacetic acid chelate of europium (Eu) Tj ETQq1 1 0.784314 rgBT /Ov Biomolecular Chemistry, 2006, 4, 4165.	1.5	28
18	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
19	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

#	Article	IF	Citations
20	Editorial: Lanthanide compounds for therapeutic and diagnostic applications. Chemical Society Reviews, 2006, 35, 499.	18.7	47
21	Microporous Metalâ^'Organic Frameworks Formed in a Stepwise Manner from Luminescent Building Blocks. Journal of the American Chemical Society, 2006, 128, 10403-10412.	6.6	363
22	A novel 3D porous metalâ€"organic framework based on trinuclear cadmium clusters as a promising luminescent material exhibiting tunable emissions between UV and visible wavelengths. Chemical Communications, 2006, , 4906-4908.	2.2	183
23	Promoting near-infrared emission of neodymium complexes by tuning the singlet and triplet energy levels of Î²-diketonates. New Journal of Chemistry, 2006, 30, 791-796.	1.4	57
24	Photophysical Properties of Near-Infrared-Emitting Ln(III) Complexes with 1-(9-Anthryl)-4,4,4-trifluoro-1,3-butandione (Ln = Nd and Er). Journal of Physical Chemistry A, 2006, 110, 10371-10374.	1.1	31
25	Quenching of IR Luminescence of Erbium, Neodymium, and Ytterbium Î²-Diketonate Complexes by Ligand Câ^'H and Câ^'D Bonds. Journal of Physical Chemistry B, 2006, 110, 24476-24479.	1.2	71
26	Lanthanide-Containing Metallomesogens with Low Transition Temperatures. Chemistry of Materials, 2006, 18, 3698-3704.	3.2	56
27	Supramolecular Self-Assembly of Mixed fâ^'d Metal Ion Conjugates. Organic Letters, 2006, 8, 2727-2730.	2.4	63
28	Quenching of Er(III) luminescence by ligand Câ€"H vibrations: Implications for the use of erbium complexes in telecommunications. Applied Physics Letters, 2006, 89, 111115.	1.5	95
29	â€œCymothoe sangarisâ€Â An Extremely Stable and Highly Luminescent 1,2-Hydroxypyridinonate Chelate of Eu(III). Journal of the American Chemical Society, 2006, 128, 10648-10649.	6.6	77
30	Three-dimensional LnIIIâ€"WIVcomplexes with cyanido and carboxylato bridges. CrystEngComm, 2006, 8, 863-865.	1.3	25
31	Benefiting from the Unique Properties of Lanthanide Ions. Accounts of Chemical Research, 2006, 39, 53-61.	7.6	980
32	Methods of phosphor synthesis and related technology. , 2006, , .		0
33	Synthesis and Characterization of Eu3+-Doped Sol?Gel Silica Containing Vanadium Oxide Nanotubes. Journal of the American Ceramic Society, 2006, 89, 3573-3576.	1.9	5
34	Synthesis and luminescent properties of lanthanide homoleptic mercaptothi(ox)azolate complexes: Molecular structure of Ln(mbt)3 (Ln=Eu, Er). Inorganica Chimica Acta, 2006, 359, 4289-4296.	1.2	49
35	Highly luminescent Eu(III) complexes with 2,4,6-tri(2-pyridyl)-1,3,5-triazine ligand: Synthesis, structural characterization, and photoluminescence studies. Polyhedron, 2006, 25, 3449-3455.	1.0	44
37	NIR Lanthanide Luminescence by Energy Transfer from Appended Terpyridineâ€"Boradiazaindacene Dyes. Chemistry - A European Journal, 2006, 12, 5060-5067.	1.7	112
38	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.	1.7	134

#	Article	IF	Citations
39	Fluorescent Organometallic Sensors for the Detection of Chemical-Warfare-Agent Mimics. Angewandte Chemie - International Edition, 2006, 45, 5825-5829.	7.2	199
40	Optical Detection of Solid-State Chiral Structures with Unpolarized Light and in the Absence of External Fields. Angewandte Chemie - International Edition, 2006, 45, 7938-7942.	7.2	31
41	Tris(tropolonato)phenanthroline Lanthanide(III) Complexes as Photochemical Devices. European Journal of Inorganic Chemistry, 2006, 2006, 2370-2376.	1.0	15
42	Synthesis, Characterization, and Luminescence Properties of Eu3+ 3-Phenyl-4-(4-toluoyl)-5-isoxazolonate Based Organic-Inorganic Hybrids. European Journal of Inorganic Chemistry, 2006, 2006, 3923-3929.	1.0	16
43	Syntheses, Structures and Near-IR Luminescent Studies on Ternary Lanthanide (ErIII, HoIII, YbIII, NdIII) Complexes Containing 4,4,5,5,6,6,6-Heptafluoro-1-(2-thienyl)hexane-1,3-dionate. European Journal of Inorganic Chemistry, 2006, 2006, 3962-3973.	1.0	116
44	A Comparative Study of the Optical and Electroluminescent Properties of EuIII Complexes with TTA and 2-(2â€²-Pyridyl)azoles: The Crystal Structure of [Eu(TTA)3(PBO)]. European Journal of Inorganic Chemistry, 2006, 2006, 3731-3737.	1.0	22
45	Dimeric Complexes of Lanthanide(III) Hexafluoroacetylacetonates with4-CyanopyridineN-Oxide: Synthesis, Crystal Structure, Magnetic and Photoluminescent Properties. European Journal of Inorganic Chemistry, 2006, 2006, 4809-4820.	1.0	79
48	Thermotropic lanthanidomesogens. Chemical Communications, 2006, , 3755-3768.	2.2	95
49	Versatile Hybrid Polymers as Matrices for Nanoparticle Preparation. Materials Research Society Symposia Proceedings, 2007, 1007, 1.	0.1	1
50	Lanthanide Complex Strategy for Detection and Separation of Histidine-tagged Proteins. Chemistry Letters, 2007, 36, 554-555.	0.7	11
51	Control of Coordination and Luminescence Properties of Lanthanide Complexes Using Octadentate Oligopyridine-Amine Ligands. Bulletin of the Chemical Society of Japan, 2007, 80, 335-345.	2.0	21
52	Detection of dysprosium (III) in the presence of terbium (III) by using the time-resolved luminescence. Journal of Physics: Conference Series, 2007, 79, 012007.	0.3	2
53	Diversity of crystal structure with different lanthanide ions involving in situ oxidationâ€“hydrolysis reaction. Dalton Transactions, 2007, , 4059.	1.6	126
54	Syntheses, Structures, and Photoluminescence of One-Dimensional Lanthanide Coordination Polymers with 2,4,6-Pyridinetricarboxylic Acid. Crystal Growth and Design, 2007, 7, 1851-1857.	1.4	128
55	Brilliant Sm, Eu, Tb, and Dy Chiral Lanthanide Complexes with Strong Circularly Polarized Luminescence. Journal of the American Chemical Society, 2007, 129, 77-83.	6.6	278
56	Novel functionalized pyridine-containing DTPA-like ligand. Synthesis, computational studies and characterization of the corresponding GdIII complex. Organic and Biomolecular Chemistry, 2007, 5, 2441.	1.5	15
57	Luminescent Sensing of Dicarboxylates in Water by a Bismacrocyclic Dinuclear Eu(III) Conjugate. Organic Letters, 2007, 9, 1919-1922.	2.4	96
58	Toward the Rational Design of Lanthanide Coordination Polymers:â€‰a New Topological Approach. Inorganic Chemistry, 2007, 46, 6242-6244.	1.9	53

#	Article	IF	Citations
59	Enhancement of near-IR emission by bromine substitution in lanthanide complexes with 2-carboxamide-8-hydroxyquinoline. Chemical Communications, 2007, , 1834-1836.	2.2	99
60	Photophysical Properties and Energy Transfer Pathway of Er(III) Complexes with Ptâˆ'Porphyrin and Terpyridine Ligands. Journal of Physical Chemistry A, 2007, 111, 6157-6164.	1.1	26
61	Infrared luminescence quenching in erbium(iii) tris(8-quinolinolate): an ab initio approach. Journal of Materials Chemistry, 2007, 17, 4464.	6.7	15
62	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.	1.6	66
63	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
64	Sensitization of Europium(III) Luminescence by Benzophenone-Containing Ligands:â€‰ Regioisomers, Rearrangements and Chelate Ring Size, and Their Influence on Quantum Yields. Inorganic Chemistry, 2007, 46, 9438-9449.	1.9	30
65	Hydrothermal synthesis and luminescent properties of a new family of organically templated lanthanide fluorides. Journal of Materials Chemistry, 2007, 17, 4178.	6.7	8
66	Luminescent lanthanide bimetallic triple-stranded helicates as potential cellular imaging probes. Chemical Communications, 2007, , 1716-1718.	2.2	73
67	Exploring the potential of europium(iii) luminescence for the detection of phase transitions in ionic liquid crystals. Journal of Materials Chemistry, 2007, 17, 654-657.	6.7	21
68	Dendrimer container for anion-responsive lanthanide complexation and â€œonâ€"offâ€•switchable near-infrared luminescence. Chemical Communications, 2007, , 2533-2535.	2.2	40
69	Sensitization of Lanthanide Luminescence in Heterotrinuclear PtLn₂(Ln = Eu, Nd, Yb) Complexes with Terpyridyl-Functionalized Alkynyl by Energy Transfer from a Platinum(II) Alkynyl Chromophore. Organometallics, 2007, 26, 4483-4490.	1.1	57
70	Heterododecanuclear Pt6Ln6(Ln = Nd, Yb) arrays of 4-ethynyl-2,2â€²-bipyridine with sensitized near-IR lanthanide luminescence by Pt â†' Ln energy transfer. Chemical Communications, 2007, , 2744-2746.	2.2	57
71	Luminescent polynuclear assemblies. Chemical Society Reviews, 2007, 36, 1466.	18.7	149
72	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.	1.6	54
73	Enhanced Sensitized NIR Luminescence from Gold Nanoparticles via Energy Transfer from Surface-Bound Fluorophores. Journal of the American Chemical Society, 2007, 129, 2418-2419.	6.6	72
74	Synthesis and Structural Properties of Lanthanide Complexes Formed with Tropolonate Ligands. Inorganic Chemistry, 2007, 46, 6473-6482.	1.9	31
75	{LnIII[Î¼5-Î²2,Î²1,Î²1,Î²1,Î²1-1,2-(CO2)2C6H4][isonicotine][H2O]}2CuIÂ·X (Ln = Eu, Sm, Nd; X = ClO4-, Cl-):â€‰ A New Pillared-Layer Approach to Heterobimetallic 3dâ€"4f 3D-Network Solids. Inorganic Chemistry, 2007, 46, 10534-10538.	1.9	107
76	Enantiopure, Octadentate Ligands as Sensitizers for Europium and Terbium Circularly Polarized Luminescence in Aqueous Solution. Journal of the American Chemical Society, 2007, 129, 15468-15470.	6.6	115

#	Article	IF	Citations
77	A Strategy to Protect and Sensitize Near-Infrared Luminescent Nd³⁺ and Yb³⁺:â€‰Organic Tropolonate Ligands for the Sensitization of Ln³⁺-Doped NaYF₄ Nanocrystals. Journal of the American Chemical Society, 2007, 129, 14834-14835.	6.6	136
78	Photochemistry and Photophysics of Coordination Compounds: Lanthanides. , 2007, , 1-43.		135
79	Lanthanide-based emitting materials in light-emitting diodes. Dalton Transactions, 2007, , 2229.	1.6	448
80	Lanthanides and Actinides in Ionic Liquids. Chemical Reviews, 2007, 107, 2592-2614.	23.0	616
81	A Cl? anion-responsive luminescent Eu3+ complex with a chiral tripod: ligand substituent effects on ternary complex stoichiometry and anion sensing selectivity. Dalton Transactions, 2007, , 2784.	1.6	37
82	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.	1.6	64
83	Ytterbium-porphyrins as a new class of the luminescent labels. Journal of Physics: Conference Series, 2007, 79, 012025.	0.3	8
84	Energy transfer pathways in the carbazole functionalized Î²-diketonate europium complexes. New Journal of Chemistry, 2007, 31, 1639.	1.4	40
85	Syntheses, Structures, and Sensitized Lanthanide Luminescence by Pt â†' Ln (Ln = Eu, Nd, Yb) Energy Transfer for Heteronuclear PtLn₂ and Pt₂Ln₄ Complexes with a Terpyridyl-Functionalized Alkynyl Ligand. Inorganic Chemistry, 2007, 46, 10892-10900.	1.9	78
86	Relationship Between the Ligand Structure and the Luminescent Properties of Water-Soluble Lanthanide Complexes Containing Bis(bipyridine) Anionic Arms. Chemistry - A European Journal, 2007, 13, 346-358.	1.7	38
87	A Novel Strategy for the Design of 8-Hydroxyquinolinate-Based Lanthanide Bioprobes That Emit in the Near Infrared Range. Chemistry - A European Journal, 2007, 13, 936-944.	1.7	111
88	Rational Tuning of Melting Entropies for Designing Luminescent Lanthanideâ€Containing Thermotropic Liquid Crystals at Room Temperature. Chemistry - A European Journal, 2007, 13, 8696-8713.	1.7	39
89	Fluorescent Sensors for the Detection of Chemical Warfare Agents. Chemistry - A European Journal, 2007, 13, 7828-7836.	1.7	242
90	Nonâ€Cytotoxic, Bifunctional Eu^{III} and Tb^{III} Luminescent Macrocyclic Complexes for Luminescence Resonant Energyâ€Transfer Experiments. Chemistry - A European Journal, 2007, 13, 8678-8687.	1.7	26
91	A Polyoxyethyleneâ€Substituted Bimetallic Europium Helicate for Luminescent Staining of Living Cells. Chemistry - A European Journal, 2007, 13, 9515-9526.	1.7	97
92	Multifunctional â€œClickatesâ€•as Versatile Extended Heteroaromatic Building Blocks: Efficient Synthesis via Click Chemistry, Conformational Preferences, and Metal Coordination. Chemistry - A European Journal, 2007, 13, 9834-9840.	1.7	237
93	Solvation-Controlled Luminescence of SmII Complexes. Angewandte Chemie - International Edition, 2007, 46, 1145-1148.	7.2	25
94	Bright Blueâ€Emitting Ce³⁺ Complexes with Encapsulating Polybenzimidazole Tripodal Ligands as Potential Electroluminescent Devices. Angewandte Chemie - International Edition, 2007, 46, 7399-7403.	7.2	176

#	Article	IF	Citations
97	Reversible Luminescent Gels Containing Metal Complexes. Advanced Functional Materials, 2007, 17, 821-828.	7.8	48
98	Bright Blue Photoâ€•and Electroluminescence from Eu²⁺â€Doped GaN/SiO₂ Nanocomposites. Advanced Functional Materials, 2007, 17, 3462-3469.	7.8	20
99	A Europium Complex With Excellent Twoâ€Photonâ€Sensitized Luminescence Properties. Advanced Functional Materials, 2007, 17, 3663-3669.	7.8	63
100	Rare-Earth Nitroquinolinates: Visible-Light-Sensitizable Near-Infrared Emitters in Aqueous Solution. European Journal of Inorganic Chemistry, 2007, 2007, 302-305.	1.0	31
101	A PCP-Pincer Rullâ€“Terpyridine Building Block as a Potential â€œAntenna Unitâ€•for Intramolecular Sensitization. European Journal of Inorganic Chemistry, 2007, 2007, 2853-2861.	1.0	13
102	Reactions of Ytterbocenes with Diimines: Steric Manipulation of Reductive Reactivity. European Journal of Inorganic Chemistry, 2007, 2007, 3151-3167.	1.0	50
103	Pentadentate Ligands for the 1:1 Coordination of Lanthanide(III) Salts. European Journal of Inorganic Chemistry, 2007, 2007, 3276-3287.	1.0	26
104	Highly Luminescent, Neutral, Nine-Coordinate Lanthanide(III) Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 3465-3468.	1.0	63
105	Synthesis of Homoâ€•and Heteroditopic 8â€Hydroxyquinoline Ligands. European Journal of Organic Chemistry, 2007, 2007, 4902-4908.	1.2	8
106	Synthesis of 6-phenyl-2,2â€²-bipyridine ligands bearing polyaromatic substituents. Tetrahedron Letters, 2007, 48, 8069-8073.	0.7	17
107	Efficient route to hybrid polypyridineâ€“carboxylate ligands for lanthanide complexation. Tetrahedron Letters, 2007, 48, 9132-9136.	0.7	8
108	3-Phenyl-4-aroyl-5-isoxazolonate complexes of Tb3+ as promising light-conversion molecular devices. Inorganic Chemistry Communication, 2007, 10, 393-396.	1.8	52
109	Dinuclear neodymium(III) complex of cationic {12[ane]HN4(CH2CCH)4}+ with sensitized near-infrared luminescence by ion-association sensitizer. Inorganic Chemistry Communication, 2007, 10, 1129-1131.	1.8	11
110	Assembly of a novel luminescent coordination polymer from europium nitrate and a new semirigid bridging podand. Inorganic Chemistry Communication, 2007, 10, 1505-1509.	1.8	13
111	Comparison of infrared-excited up-converting phosphors and europium nanoparticles as labels in a two-site immunoassay. Analytica Chimica Acta, 2007, 596, 106-115.	2.6	43
112	Synthesis, crystal structure and photophysical properties of europium(III) and terbium(III) complexes with pyridine-2,6-dicarboxamide. Inorganica Chimica Acta, 2007, 360, 102-108.	1.2	31
113	Mixed 3d/4f polynuclear complexes with 2,2â€²-oxydiacetate as bridging ligand: Synthesis, structure and chemical speciation of Laâ€“M compounds (M=bivalent cation). Journal of Molecular Structure, 2007, 829, 57-64.	1.8	18
114	Adducts of lanthanide Î²-diketonates with 2,4,6-tri(2-pyridyl)-1,3,5-triazine: Synthesis, structural characterization, and photoluminescence studies. Polyhedron, 2007, 26, 1229-1238.	1.0	50

#	Article	IF	Citations
115	[M(dipicH2)(H2O)3]2+, M=Ni, Cu, Zn (dipicH2=dipicolinic acid) â€“ A combined crystallographic, spectroscopic and computational study. Polyhedron, 2007, 26, 1364-1372.	1.0	32
116	Dual-emissive complexes: Visible and near-infrared luminescence from bis-pyrenyl lanthanide(III) complexes. Polyhedron, 2007, 26, 4818-4824.	1.0	28
117	Near-infrared photoluminescence of lanthanide complexes containing the hemicyanine chromophore. Polyhedron, 2007, 26, 5441-5447.	1.0	14
118	Synthesis and structural characterisation of cationic, neutral and hydroxo-bridged lanthanoid (La,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	25
119	Synthesis and luminescence of Eu(III) complexes with macrocyclic azacrown ethers and 1,10-phenanthroline. Journal of Luminescence, 2007, 127, 332-338.	1.5	6
120	Sensitized luminescence properties of dinuclear lanthanide macrocyclic complexes bearing a benzophenone antenna. Journal of Luminescence, 2007, 127, 623-632.	1.5	14
121	Near-infrared luminescence emitted by an electrically switched liquid crystal cell. Journal of Luminescence, 2007, 127, 611-615.	1.5	22
122	Emission efficiency of diamine derivatives of tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanediono]europium. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 1326-1332.	2.0	20
123	New Opportunities for Lanthanide Luminescence. Journal of Rare Earths, 2007, 25, 257-274.	2.5	483
124	Gas-phase synthesis of lanthanide(III) benzoates Ln(Bz)3 (Ln = La, Tb, Lu). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 454-457.	0.3	12
125	Preparation of transparent sol-gel films containing europium, terbium, and ytterbium cations from 4-(3â€²-triethoxysilylpropylimino)-pent-2-en-2-ol. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 539-545.	0.3	2
126	Highly Efficient Blue Photoexcitation of Europium in a Bimetallic Ptâ€“Eu Complex. Chemistry - an Asian Journal, 2007, 2, 975-982.	1.7	58
127	Highly Efficient Near-IR Emitting Yb/Yb and Yb/Al Helicates. Journal of the American Chemical Society, 2007, 129, 14178-14179.	6.6	112
128	The Lanthanide Contraction Revisited. Journal of the American Chemical Society, 2007, 129, 11153-11160.	6.6	244
129	Highly Photostable Luminescent Poly(Îµ-caprolactone)siloxane Biohybrids Doped with Europium Complexes. Chemistry of Materials, 2007, 19, 3892-3901.	3.2	164
130	A disymmetric terpyridine based ligand for the formation of luminescent di-aquo lanthanide complexes. Dalton Transactions, 2007, , 2245-2253.	1.6	27
131	Enhanced Lasing Properties of Dissymmetric Eu(III) Complex with Bidentate Phosphine Ligands. Journal of Physical Chemistry A, 2007, 111, 3029-3037.	1.1	147
132	Chapter 235 Lanthanide Near-Infrared Luminescence in Molecular Probes and Devices. Fundamental Theories of Physics, 2007, 37, 217-470.	0.1	123

#	Article	IF	Citations
133	Thermodynamic Parameters Governing the Self-Assembly of Headâ€“Headâ€“Head Lanthanide Bimetallic Helicates. Chemistry - A European Journal, 2007, 13, 8404-8410.	1.7	26
134	High-Purity Rare Earth Oxides Produced via Precipitation Stripping. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2007, 38, 763-768.	1.0	9
135	Self-assembly of discrete metallosupramolecular luminophores. Coordination Chemistry Reviews, 2008, 252, 903-921.	9.5	90
136	Reactions of heteroaromatic chromophores with lanthanide complexes of p-sulfonatothiacalix[4]arene. Russian Chemical Bulletin, 2008, 57, 1905-1911.	0.4	2
137	Rare-earth metal 8-hydroxyquinolinate complexes as materials for organic light-emitting diodes. Russian Chemical Bulletin, 2008, 57, 2281-2284.	0.4	12
138	Improving Visible Light Sensitization of Luminescent Europium Complexes. Journal of Fluorescence, 2008, 18, 119-129.	1.3	69
139	Studies on some lanthanide(III) complexes with 4-hydroxyantipyrine. Journal of Rare Earths, 2008, 26, 315-319.	2.5	1
140	Luminescent Study on Nd³⁺ Complexes Containing Carboxylateâ€Dithiolene and Alkoxideâ€Dithiolene Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2551-2556.	0.6	1
141	1H and 17O NMR relaxometric study in aqueous solution of Gd(III) complexes of EGTA-like derivatives bearing methylenephosphonic groups. Magnetic Resonance in Chemistry, 2008, 46, S86-S93.	1.1	14
142	Azuleneâ€Moietyâ€Based Ligand for the Efficient Sensitization of Four Nearâ€Infrared Luminescent Lanthanide Cations: Nd³⁺, Er³⁺, Tm³⁺, and Yb³⁺. Chemistry - A European Journal, 2008, 14, 1264-1272.	1.7	93
143	Experimental and Theoretical Approaches Toward Anionâ€Responsive Tripodâ€“Lanthanide Complexes: Mixedâ€Donor Ligand Effects on Lanthanide Complexation and Luminescence Sensing Profiles. Chemistry - A European Journal, 2008, 14, 5258-5266.	1.7	28
144	Listening to Lanthanide Complexes: Determination of the Intrinsic Luminescence Quantum Yield by Nonradiative Relaxation. ChemPhysChem, 2008, 9, 600-606.	1.0	36
145	Liquidâ€Crystalline Ternary Rareâ€Earth Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 756-761.	1.0	38
146	Visibleâ€Light Excitation of Infrared Lanthanide Luminescence via Intraâ€Ligand Chargeâ€Transfer State in 1,3â€Diketonates Containing Pushâ€Pull Chromophores. European Journal of Inorganic Chemistry, 2008, 2008, 1523-1529.	1.0	42
147	A Waterâ€Stable and Strongly Luminescent Terbium(III) Macrocyclic Complex Incorporating an Intracyclic Pyrazolylpyridine Chromophore. European Journal of Inorganic Chemistry, 2008, 2008, 2064-2074.	1.0	28
148	Structure Variation and Luminescence Properties of Lanthanide Complexes Incorporating a Naphthalene-Derived Chromophore Featuring Salicylamide Pendant Arms. European Journal of Inorganic Chemistry, 2008, 2008, 1901-1912.	1.0	31
149	Syntheses, Structures and Photophysical Properties of New Heterodinuclear Cdâ€“Ln Coordination Complexes (Ln = Sm, Eu, Tb, Nd, Ho, Er). European Journal of Inorganic Chemistry, 2008, 2008, 2336-2343.	1.0	52
150	Synthesis, Structure and Spectroscopic Properties of Lanthanide Complexes ofNâ€Confused Porphyrins. European Journal of Inorganic Chemistry, 2008, 2008, 3151-3162.	1.0	20

#	Article	IF	Citations
151	Lanthanide Complexes and Quantum Dots: A Bright Wedding for Resonance Energy Transfer. European Journal of Inorganic Chemistry, 2008, 2008, 3241-3251.	1.0	98
152	Synthesis, Structure, Spectroscopic Studies and Magnetic Properties of the Tetrakis(5,7â€dichloroâ€8â€quinolinolato)gadolinium(III) Complex. European Journal of Inorganic Chemistry, 2008, 2008, 3820-3826.	1.0	19
153	Tetrahedral Assembly with Lanthanides: Toward Discrete Polynuclear Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 3419-3422.	1.0	60
154	2-Thiopheneacetato-Based One-Dimensional Coordination Polymer of Tb3+: Enhancement of Terbium-Centered Luminescence in the Presence of Bidentate Nitrogen Donor Ligands. European Journal of Inorganic Chemistry, 2008, 2008, 4387-4394.	1.0	53
155	Heterometallic Co^{III}â€“Ln^{III} (Ln = Gd, Tb, Dy) Complexes on a pâ€Sulfonatothiacalix[4]arene Platform Exhibiting Redoxâ€Switchable Metalâ€toâ€Metal Energy Transfer. European Journal of Inorganic Chemistry, 2008, 2008, 3957-3963.	1.0	19
156	Rapid determination of gatifloxacin in biological samples and pharmaceutical products using europium-sensitized fluorescence spectrophotometry. Luminescence, 2008, 23, 7-13.	1.5	28
157	Selfâ€Assembly of a Lightâ€Harvesting Antenna Formed by a Dendrimer, a Ru^{II} Complex, and a Nd^{III} Ion. Angewandte Chemie - International Edition, 2008, 47, 5422-5425.	7.2	79
158	Intermolecular Sensitization of a Terbiumâ€Containing Amphiphile by an Integral Membrane Protein. Angewandte Chemie - International Edition, 2008, 47, 8856-8858.	7.2	11
162	Light-Harvesting Antennae. , 0, , 135-169.		1
163	Two-dimensional lanthanide coordination polymers with bis(diphenylphosphino)hexane dioxide. The determination of the polymeric structure from twinned crystals. Polyhedron, 2008, 27, 283-288.	1.0	16
164	Near IR luminescent rare earth 3,4,5,6-tetrafluoro-2-nitrophenoxide complexes: Synthesis, X-ray crystallography and spectroscopy. Polyhedron, 2008, 27, 1503-1510.	1.0	13
165	Quinoxaline sensitised lanthanide ion luminescence: Syntheses, spectroscopy and X-ray crystal structure of Na{1,4,7-tris[(N-diethyl)carbamoylmethyl]-1,4,7,10-tetraazacyclododecane-10-(2-methylquinoxaline)}I3 C7H8. Polyhedron, 2008, 27, 2365-2371.	1.0	18
166	Construction and NIR luminescent property of hetero-bimetallic Znâ€“Nd complexes from two chiral salen-type Schiff-base ligands. Journal of Molecular Structure, 2008, 891, 450-455.	1.8	45
167	New anion-templated 3D heterobimetallic open frameworks based on lanthanide-carboxylate layers and copper pillars. Journal of Solid State Chemistry, 2008, 181, 1485-1491.	1.4	17
168	The luminescence response of diamine-liganded europium complexes upon resonant and pre-resonant excitation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 443-448.	2.0	8
169	Synthesis of Eu(III) and Tb(III) complexes with novel pyridine dicarboxamide derivatives and their luminescence properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 371-376.	2.0	25
170	Preparation, characterization and luminescent properties of lanthanide complexes with a new aryl amide bridging ligand. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 1153-1157.	2.0	8
171	Metal ion binding of photoactive poly-(arylene ethynylene) co-polymers. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 198, 237-241.	2.0	7

#	Article	IF	Citations
172	Template-directed formation of luminescent lanthanide complexes: Versatile tools for colorimetric identification of single nucleotide polymorphism. Journal of Inorganic Biochemistry, 2008, 102, 1921-1931.	1.5	50
173	Incorporation of the Eu(tta)3(H2O)2 complex into a co-condensed d-U(600)/d-U(900) matrix. Journal of Luminescence, 2008, 128, 205-212.	1.5	24
174	Novel lanthanideâ€“iminodiacetate frameworks with hexagonal pores. Inorganic Chemistry Communication, 2008, 11, 862-864.	1.8	21
175	Structural and fluorescent characterizations of one- and two-dimensional Cd(II) metal-organic frameworks. Inorganic Chemistry Communication, 2008, 11, 883-885.	1.8	15
176	Crystal structure and photo- and electroluminescent properties of a â€œsandglassâ€•terbium cluster. Inorganic Chemistry Communication, 2008, 11, 1187-1189.	1.8	18
177	Construction of three-dimensional Lnâ€“Ag (Ln=Eu; Tm) coordination polymers based on isonicotinate and oxalate ligands. Inorganic Chemistry Communication, 2008, 11, 1347-1351.	1.8	26
178	Construction of three isostructural 3dâ€“4f microporous coordination frameworks based on mixed nicotinate and oxalate ligands. Inorganic Chemistry Communication, 2008, 11, 1409-1411.	1.8	22
179	Fluorescent probes for bioimaging applications. Current Opinion in Chemical Biology, 2008, 12, 515-521.	2.8	370
180	Supramolecular edifices and switches based on metals. Coordination Chemistry Reviews, 2008, 252, 1079-1092.	9.5	45
181	Recent developments in the field of supramolecular lanthanide luminescent sensors and self-assemblies. Coordination Chemistry Reviews, 2008, 252, 2512-2527.	9.5	452
182	Improved synthesis of functionalized mesogenic 2,6-bisbenzimidazolylpyridine ligands. Tetrahedron, 2008, 64, 8488-8495.	1.0	30
183	Lanthanide complexes with oda, ida, and nta: From discrete coordination compounds to supramolecular assemblies. Journal of Molecular Structure, 2008, 879, 130-149.	1.8	47
184	Solid state and solution properties of lanthanide(III) complexes of a tetraiminodiphenolate macrocyclic ligand. X-ray structure, 1H NMR and luminescence spectral studies. Journal of Molecular Structure, 2008, 891, 408-419.	1.8	11
185	Neodymium, Gadolinium, and Terbium Complexes Containing Hexafluoroacetylacetonate and 2,2â€²-Bipyrimidine:â€‰ Structural and Spectroscopic Characterization. Inorganic Chemistry, 2008, 47, 1030-1036.	1.9	95
186	Role of Inner- and Outer-Sphere Bonding in the Sensitization of Eu^{III}-Luminescence Deciphered by Combined Analysis of Experimental Electron Density Distribution Function and Photophysical Data. Inorganic Chemistry, 2008, 47, 11095-11107.	1.9	159
187	Synthesis of a novel chelating ligand from pentane-2,4-dione and 3-aminopropyl[tris(trimethylsilyloxy)]silane. europium(III) and erbium(III) imino enolates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 783-788.	0.3	1
188	Terbium and dysprosium complexes with pyrazole-5-carboxylic acids. A relation of the luminescent properties to the characteristics of the ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 858-863.	0.3	2
189	Lanthanide Bimetallic Helicates for<scp>in Vitro</scp>Imaging and Sensing. Annals of the New York Academy of Sciences, 2008, 1130, 97-105.	1.8	89

#	Article	IF	Citations
190	Timeâ€Gated Luminescence Microscopy. Annals of the New York Academy of Sciences, 2008, 1130, 106-116.	1.8	61
191	Energy transfer from Eu(III) and Tb(III) complexes to dyes in their mixed nanostructures. I. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2008, 104, 225-234.	0.2	16
192	Energy transfer from Eu(III) complexes to dyes in their mixed nanostructures. II. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2008, 104, 724-731.	0.2	15
193	Colloidal Nanoparticles of a Europium Complex with Enhanced Luminescent Properties. Langmuir, 2008, 24, 6932-6936.	1.6	51
194	3D lanthanide-transition-metalâ€“organic frameworks constructed by two distinct tetranuclear units of cubane {Ln4} and chair-like {Cu4} clusters. CrystEngComm, 2008, 10, 1047.	1.3	51
195	Anion dependant self-assembly and the first X-ray structure of a neutral homoleptic lanthanide salen complex Tb4(salen)6. Chemical Communications, 2008, , 3266.	2.2	60
196	Electroluminescent characteristics of scandium and yttrium 8-quinolinolates. Journal of Applied Physics, 2008, 104, 053706.	1.1	24
197	Lanthanide-Based Protease Activity Sensors for Time-Resolved Fluorescence Measurements. Journal of the American Chemical Society, 2008, 130, 14376-14377.	6.6	104
198	Efficient Sensitization of Lanthanide Luminescence by Tetrazole-Based Polydentate Ligands. Inorganic Chemistry, 2008, 47, 3952-3954.	1.9	89
199	Construction and Characterization of Several New Lanthanideâ”Organic Frameworks: From 2D Lattice to 2D Double-Layer and to Porous 3D Net with Interweaving Triple-Stranded Helixes. Crystal Growth and Design, 2008, 8, 2291-2298.	1.4	72
200	Imidazo[4,5-f]-1,10-phenanthrolines: Versatile Ligands for the Design of Metallomesogens. Chemistry of Materials, 2008, 20, 1278-1291.	3.2	91
201	Molecular Architectures for Trimetallic d/f/d Complexes: Structural and Magnetic Properties of a LnNi2 Core. Inorganic Chemistry, 2008, 47, 2280-2293.	1.9	54
202	Synthesis, Crystal Structures, and Luminescence of Organic-Lanthanide Complexes with Nicotinate and Isonicotinate Ligands. Inorganic Chemistry, 2008, 47, 9431-9438.	1.9	49
204	1D Molecular Ladder of the Ionic Complex of Terbium-4-Sebacoylbis(1-phenyl-3-methyl-5-pyrazolonate) and Sodium Dibenzo-18-Crown-6: Synthesis, Crystal Structure, and Photophysical Properties. Inorganic Chemistry, 2008, 47, 7396-7404.	1.9	55
205	Photoluminescence of Eu(iii)-doped lamellar bridged silsesquioxanes self-templated through a hydrogen bonding array. Journal of Materials Chemistry, 2008, 18, 4172.	6.7	61
206	Macrocyclic Eu³⁺ Chelates Show Selective Luminescence Responses to Anions. Inorganic Chemistry, 2008, 47, 1548-1559.	1.9	46
207	Effects of High Pressure on the Luminescence Spectra of Eu(SO4)2Â·NH4 Microcrystals:â€‰ Anisotropically Induced Structural Distortions. Journal of Physical Chemistry A, 2008, 112, 1464-1472.	1.1	16
208	Solution studies of trimetallic lanthanide luminescent anion sensors: towards ratiometric sensing using an internal reference channel. Dalton Transactions, 2008, , 3801.	1.6	69

#	Article	IF	Citations
209	Solvothermal Synthesis and Luminescent Properties of Two Organically Templated Chain-Structure Fluorides, [C4H14N2][MF5] (M = In, Sc). Chemistry of Materials, 2008, 20, 6810-6815.	3.2	16
210	A versatile method for quantification of DNA and PCR products based on time-resolved Euiii luminescence. Analyst, The, 2008, 133, 1749.	1.7	32
211	One-, Two-, and Three-Dimensional Arrays of Eu³⁺-4,4,5,5,5-pentafluoro-1-(naphthalen-2-yl)pentane-1,3-dione complexes: Synthesis, Crystal Structure and Photophysical Properties. Inorganic Chemistry, 2008, 47, 8091-8100.	1.9	148
212	Near-Infrared Luminescence of Nine-Coordinate Neodymium Complexes with Benzimidazole-Substituted 8-Hydroxyquinolines. Inorganic Chemistry, 2008, 47, 9055-9068.	1.9	76
213	Functionalized Nanocontainers as Dual Magnetic and Optical Probes for Molecular Imaging Applications. Chemistry of Materials, 2008, 20, 5888-5893.	3.2	73
214	Tuning the self-assembly of lanthanide triple stranded heterobimetallic helicates by ligand design. Dalton Transactions, 2008, , 1027-1036.	1.6	25
215	Water-Soluble 2-Hydroxyisophthalamides for Sensitization of Lanthanide Luminescence. Inorganic Chemistry, 2008, 47, 7535-7544.	1.9	62
216	Structure and photophysics of a europium dimeric system, Eu2(HFAA)2(Dipy)2(TFOAc)2(OAc)2, in the solid state and solution. Journal of Alloys and Compounds, 2008, 451, 88-93.	2.8	8
217	Terbium(III) complexes of 2-aminonicotinic, thiosalicylic and anthranilic acids: synthesis and photoluminescence properties. Journal of Alloys and Compounds, 2008, 451, 575-577.	2.8	13
218	Direct laser desorption/ionization mass spectrometry characterization of some aromatic lanthanide carboxylates. Journal of Alloys and Compounds, 2008, 451, 410-413.	2.8	3
219	Synthesis, crystal structure and properties of two ternary rare earth complexes with aromatic acid and 1,10-phenanthroline. Journal of Alloys and Compounds, 2008, 463, 338-342.	2.8	16
220	Solvent Dependent Crystallization of Isomeric Chain Coordination Polymers in the Ce-Zn/Cd-dipic System. Crystal Growth and Design, 2008, 8, 1346-1352.	1.4	59
221	Luminescence of Ln(III) Dithiocarbamate Complexes (Ln = La, Pr, Sm, Eu, Gd, Tb, Dy). Inorganic Chemistry, 2008, 47, 1512-1523.	1.9	156
222	Incorporating Distinct Metal Clusters To Construct Diversity of 3D Pillared-Layer Lanthanide-Transition-Metal Frameworks. Inorganic Chemistry, 2008, 47, 4930-4935.	1.9	81
223	Critical evaluation of five emissive europium(iii) complexes as optical probes: correlation of cytotoxicity, anion and protein affinity with complex structure, stability and intracellular localisation profile. Organic and Biomolecular Chemistry, 2008, 6, 2085.	1.5	97
224	The nature of the sensitiser substituent determines quenching sensitivity and protein affinity and influences the design of emissive lanthanide complexes as optical probes for intracellular use. Organic and Biomolecular Chemistry, 2008, 6, 2256.	1.5	62
225	Sensitization and Protection of Lanthanide Ion Emission in In₂O₃:Eu Nanocrystal Quantum Dots. Journal of Physical Chemistry C, 2008, 112, 20246-20250.	1.5	46
226	â€œClick-to-Chelateâ€: In Vitro and In Vivo Comparison of a ^{99m}Tc(CO)₃-Labeled N(Ï„)-Histidine Folate Derivative with Its Isostructural, Clicked 1,2,3-Triazole Analogue. Bioconjugate Chemistry, 2008, 19, 1689-1695.	1.8	97

#	Article	IF	Citations
227	Lanthanide paramagnetic probes for NMR spectroscopic studies of molecular conformational dynamics in solution: Applications to macrocyclic molecules. Progress in Nuclear Magnetic Resonance Spectroscopy, 2008, 52, 1-21.	3.9	78
228	Time-resolved luminescence microscopy of bimetallic lanthanide helicates in living cells. Organic and Biomolecular Chemistry, 2008, 6, 4125.	1.5	90
229	First direct assembly of molecular helical complexes into a coordination polymer. Chemical Communications, 2008, , 1992.	2.2	26
230	Photoluminescent Porous Alginate Hybrid Materials Containing Lanthanide Ions. Biomacromolecules, 2008, 9, 1945-1950.	2.6	46
231	Cyclin A Probes by Means of Intermolecular Sensitization of Terbium-Chelating Peptides. Journal of the American Chemical Society, 2008, 130, 9652-9653.	6.6	55
232	Near-Infrared Emission from Novel Tris(8-hydroxyquinolinate)lanthanide(III) Complexes-Functionalized Mesoporous SBA-15. Langmuir, 2008, 24, 5500-5507.	1.6	84
233	Tetranuclear NIR luminescent Schiff-base Znâ€“Nd complexes. New Journal of Chemistry, 2008, 32, 127-131.	1.4	86
234	Efficient near-UV photosensitization of the Tb(iii) green luminescence by use of 2-hydroxyisophthalate ligands. Dalton Transactions, 2008, , 3147.	1.6	23
235	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.	1.6	50
236	Pyridine-based lanthanide complexes: towards bimodal agents operating as near infrared luminescent and MRI reporters. Chemical Communications, 2008, , 6591.	2.2	132
237	Towards inert and preorganized d-block-containing receptors for trivalent lanthanides: The synthesis and characterization of triple-helical monometallic OsII and bimetallic OsIIâ€“LnIII complexes. Dalton Transactions, 2008, , 3661.	1.6	29
238	Structures and near-infrared luminescence of unique 4dâ€“4f heterometalâ€“organic frameworks (HMOF). CrystEngComm, 2008, 10, 1144.	1.3	61
239	Sensitised near-infrared emission from lanthanides using an iridium complex as a ligand in heteronuclear Ir2Ln arrays. Dalton Transactions, 2008, , 5577.	1.6	44
240	Controlled self-assembly of nucleotideâ€“lanthanide complexes: specific formation of nanofibers from dimeric guanine nucleotides. Chemical Communications, 2008, , 6534.	2.2	46
241	Modification of the luminescence spectra of chloro(tetrapyridylcyclotetramine)europium complexes by fine tuning of the Euâ€“Cl distance with outer-sphere counterions in the solid state, in a polymer matrix and in solution. Chemical Communications, 2008, , 1671.	2.2	33
242	Sensitization of lanthanide luminescence by two different Pt â†' Ln energy transfer pathways in PtLn3 heterotetranuclear complexes with 5-ethynyl-2,2â€²-bipyridine. Dalton Transactions, 2008, , 4664.	1.6	27
243	Pentanuclear tetra-decker luminescent lanthanide Schiff base complexes. Dalton Transactions, 2008, , 1676.	1.6	73
244	A flexible tripodal ligand linking octametallic terbium rings into luminescent polymeric chains. Chemical Communications, 2008, , 3378.	2.2	20

#	Article	IF	Citations
245	Reactivity and Infrared Spectroscopy of Gaseous Hydrated Trivalent Metal Ions. Journal of the American Chemical Society, 2008, 130, 9122-9128.	6.6	61
246	A Promising Change in the Selection of the Circular Polarization Excitation Used in the Measurement of Eu(III) Circularly Polarized Luminescence. Journal of Physical Chemistry A, 2008, 112, 6789-6793.	1.1	30
247	Imidazolium Ionic Liquid Crystals with Pendant Mesogenic Groups. Chemistry of Materials, 2008, 20, 157-168.	3.2	143
248	Environment Effects on the CO Vibrational Shifts in Erbium Complexes: A Quantum Chemical Study. Journal of Physical Chemistry A, 2008, 112, 11960-11964.	1.1	4
249	Aryl-Bridged 1-Hydroxypyridin-2-one: Sensitizer Ligands for Eu(III). Inorganic Chemistry, 2008, 47, 6109-6111.	1.9	41
250	Remarkable Tuning of the Photophysical Properties of Bifunctional Lanthanide tris(Dipicolinates) and its Consequence on the Design of Bioprobes. Inorganic Chemistry, 2008, 47, 7802-7812.	1.9	91
251	Tuning the Coordination Sphere around Highly Luminescent Lanthanide Complexes. Inorganic Chemistry, 2008, 47, 3748-3762.	1.9	48
252	Synthesis, Structures, and Luminescence Properties of Lanthanide Complexes with Structurally Related New Tetrapodal Ligands Featuring Salicylamide Pendant Arms. Inorganic Chemistry, 2008, 47, 11501-11513.	1.9	35
253	Highly luminescent water-soluble lanthanide nanoparticles through surface coating sensitization. New Journal of Chemistry, 2008, 32, 1055.	1.4	50
255	Using Ho³⁺Fluorescence Enhancement as a Novel Probe in Monitoring of Human Serum Albumin. Analytical Letters, 2008, 41, 1933-1943.	1.0	5
256	Photoacoustic and Fluorescence Spectroscopy of Metallomesogens Containing Lanthanide Ions. Chinese Journal of Chemical Physics, 2008, 21, 99-104.	0.6	1
257	Ten-membered Rings or Larger with One or More Nitrogen Atoms. , 2008, , 613-666.		9
258	Evidence for erbium-erbium energy migration in erbium(III) bis(perfluoro-p-tolyl)phosphinate. Applied Physics Letters, 2008, 92, 103303.	1.5	15
259	EuIII Complexes of Octadentate 1-Hydroxy-2-pyridinones: Stability and Improved Photophysical Performance. Australian Journal of Chemistry, 2009, 62, 1300.	0.5	6
260	Activation and control of organolanthanide synthesis by supersonic molecular beams: Erbium-porphyrin test case. Physical Review B, 2009, 79, .	1.1	18
261	Long wavelength emissions of periodic yard-glass shaped boron nitride nanotubes. Applied Physics Letters, 2009, 94, 023105.	1.5	18
262	Synthesis, structure, and photoluminescence of a series of lanthanide coordination polymers constructed from nitrogen containing organic ligands. Journal of Coordination Chemistry, 2009, 62, 2755-2763.	0.8	14
263	Non-blinking and photostable upconverted luminescence from single lanthanide-doped nanocrystals. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10917-10921.	3.3	626

#	Article	IF	Citations
265	Synchrotron powder structure of a new layered lanthanide-organic network. Zeitschrift FÃ¼r Kristallographie, 2009, 224, 261-272.	1.1	22
266	Femtosecond laser spectroscopy of europium complexes in solutions. , 2009, , .		0
267	Visible and near-infrared luminescence of helical zinc(II)-lanthanide(III) trinuclear complexes having acyclic Bis(N₂O₂) oxime ligand. IOP Conference Series: Materials Science and Engineering, 2009, 1, 012009.	0.3	9
268	An unprecedented two-dimensional Eu(III) coordination polymer Eu(OOCâ€“C5H4Nâ€“CH2â€“CH2â€“COO)(OOCâ€“COO)Â·2H2O formed by in situ reaction of fumaric acid and isonicotinic acid: Crystal structure and luminescent properties. Solid State Sciences, 2009, 11, 1065-1070.	1.5	11
269	Plasmonic Enhancement or Energy Transfer? On the Luminescence of Goldâ€, Silverâ€, and Lanthanideâ€Doped Silicate Glasses and Its Potential for Lightâ€Emitting Devices. Advanced Functional Materials, 2009, 19, 2045-2052.	7.8	290
270	Rational Design of Chargeâ€Neutral, Nearâ€Infraredâ€Emitting Osmium(II) Complexes and OLED Fabrication. Advanced Functional Materials, 2009, 19, 2639-2647.	7.8	147
271	Photoluminescent Peptide Nanotubes. Advanced Materials, 2009, 21, 1577-1581.	11.1	131
272	Reversible Luminescent Switching in a [Eu(SiW₁₀MoO₃₉)₂]^{13â^'}â€Agarose Composite Film by Photosensitive Intramolecular Energy Transfer. Advanced Materials, 2009, 21, 1737-1741.	11.1	85
273	Equilibrium and Kinetic Properties of the Lanthanoids(III) and Various Divalent Metal Complexes of the Heptadentate Ligand AAZTA. Chemistry - A European Journal, 2009, 15, 1696-1705.	1.7	90
274	Luminescent Bimetallic Lanthanide Bioprobes for Cellular Imaging with Excitation in the Visibleâ€Light Range. Chemistry - A European Journal, 2009, 15, 885-900.	1.7	149
275	Lanthanideâ€Based Coordination Polymers Assembled by a Flexible Multidentate Linker: Design, Structure, Photophysical Properties, and Dynamic Solidâ€State Behavior. Chemistry - A European Journal, 2009, 15, 5273-5288.	1.7	59
276	Selfâ€Assembly of a Trinuclear Luminescent Europium Complex. Chemistry - A European Journal, 2009, 15, 3355-3358.	1.7	31
277	A Gadoliniumâ€Binding Cyclodecapeptide with a Large Highâ€Field Relaxivity Involving Secondâ€Sphere Water. Chemistry - A European Journal, 2009, 15, 7083-7093.	1.7	45
278	Lanthanide(III) Complexes with Two Hexapeptides Incorporating Unnatural Chelating Amino Acids: Secondary Structure and Stability. Chemistry - A European Journal, 2009, 15, 7456-7469.	1.7	24
279	Remarkable Tuning of the Coordination and Photophysical Properties of Lanthanide Ions in a Series of Tetrazoleâ€Based Complexes. Chemistry - A European Journal, 2009, 15, 9458-9476.	1.7	112
280	Homoâ€and Heterodinuclear Helicates of Lanthanide(III), Zinc(II) and Aluminium(III) Based on 8â€Hydroxyquinoline Ligands. Chemistry - A European Journal, 2009, 15, 8791-8799.	1.7	41
281	Designing Simple Tridentate Ligands for Highly Luminescent Europium Complexes. Chemistry - A European Journal, 2009, 15, 10790-10802.	1.7	101
282	Selective Detection of Phosphotyrosine in the Presence of Various Phosphateâ€Containing Biomolecules with the Aid of a Terbium(III) Complex. ChemBioChem, 2009, 10, 1773-1776.	1.3	24

#	Article	IF	Citations
283	Sensitized Lanthanideâ€Ion Luminescence with Arylâ€Substituted Nâ€(2â€Nitrophenyl)acetamideâ€Derived Chromophores. Helvetica Chimica Acta, 2009, 92, 2159-2172.	1.0	7
284	Emissive and Cellâ€Permeable 3â€Pyridylâ€and 3â€Pyrazolylâ€4â€azaxanthone Lanthanide Complexes and Their Behaviour in cellulo. Helvetica Chimica Acta, 2009, 92, 2186-2213.	1.0	31
285	Bimetallic Lanthanide Complexes Derived from Macrocycleâ€Appended mâ€Xylyl Derivatives: Synthesis and Spectroscopic Properties. Helvetica Chimica Acta, 2009, 92, 2427-2438.	1.0	20
286	Water Stability and Luminescence of Lanthanide Complexes of Tripodal Ligands Derived from 1,4,7â€Triazacyclononane: Pyridinecarboxamide versus Pyridinecarboxylate Donors. Helvetica Chimica Acta, 2009, 92, 2257-2273.	1.0	65
287	Photophysical Processes in â€˜Supramolecular Ballsâ€™ Formed by Lanthanide Chloride with 2,2â€²â€Bipyridine. Helvetica Chimica Acta, 2009, 92, 2552-2564.	1.0	10
288	Synthesis and Solidâ€State, Solution, and Luminescence Properties of Nearâ€Infraredâ€Emitting Neodymium(3+) Complexes Formed with Ligands Derived from Salophen. Helvetica Chimica Acta, 2009, 92, 2313-2329.	1.0	17
289	(Tetracycline)europium(III) Complex as Luminescent Probe for Hydrogen Peroxide Detection. Helvetica Chimica Acta, 2009, 92, 2387-2397.	1.0	11
290	Formation of Novel Dinuclear Lanthanide Luminescent Samarium(III), Europium(III), and Terbium(III) Tripleâ€Stranded Helicates from a C₂â€Symmetrical Pyridineâ€2,6â€dicarboxamideâ€Based 1,3â€Xylenediylâ€Linked Ligand in MeCN. Helvetica Chimica Acta, 2009, 92, 2461-2473.	1.0	37
291	Lanthanide Complexes for Nonlinear Optics: From Fundamental Aspects to Applications. European Journal of Inorganic Chemistry, 2009, 2009, 4357-4371.	1.0	153
292	Study on macromolecular lanthanide complexes (V): Synthesis, characterization, and fluorescence properties of lanthanide complexes with the copolymers of styrene and acrylic acid. Journal of Applied Polymer Science, 2009, 114, 1064-1069.	1.3	4
293	Uptake of diterbium transferrin, a potential multi-photon-excited microscopy probe, into human leukemia K562 cells via a transferrin-receptor-mediated process. Journal of Biological Inorganic Chemistry, 2009, 14, 1243-1251.	1.1	4
294	The unprecedented role of a CuII cryptand in the luminescence properties of a EuIII cryptate complex. Monatshefte FÃ¼r Chemie, 2009, 140, 783-787.	0.9	7
295	Strategies towards single molecule magnets based on lanthanide ions. Coordination Chemistry Reviews, 2009, 253, 2328-2341.	9.5	1,399
296	One-step heterogeneous assembly of terbium(iii) and silver(i) with thiacalix[4]arene ligands to form a cage including terbium(iii) in an octa-oxygen cube. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 64, 379-383.	1.6	16
297	Erbium bis(pentafluorophenyl)phosphinate: a new hybrid material with unusually long-lived infrared luminescence. Journal of Materials Science: Materials in Electronics, 2009, 20, 430-434.	1.1	11
299	Synthesis and Spectral Properties of Novel Fluorescent Poly(oxyethylene Phosphate) Tris(Î²-diketonate) Europium (III) Complexes. Journal of Fluorescence, 2009, 19, 85-95.	1.3	8
300	Synthesis and photophysical properties of IrIII-LnIII (Ln = Nd, Yb, Er) bimetallic complexes containing bipyrimidines as bridging ligands. Science in China Series B: Chemistry, 2009, 52, 1808-1813.	0.8	10
301	Principles of responsive lanthanide-based luminescent probes for cellular imaging. Analytical and Bioanalytical Chemistry, 2009, 394, 107-120.	1.9	242

#	Article	IF	Citations
302	Decorated carbon nanotubes with unique oxygen sensitivity. Nature Chemistry, 2009, 1, 500-506.	6.6	48
303	Columinescence of dye molecules in nanostructures of metal ion complexes. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 107, 77-86.	0.2	11
304	Supramolecular isomers of lanthanides(III): Synthesis, crystal structures and luminescent properties. Inorganica Chimica Acta, 2009, 362, 1797-1804.	1.2	17
305	Optical properties of a novel neodymium pentafluoropropionate binuclear complex. Inorganica Chimica Acta, 2009, 362, 2001-2005.	1.2	21
306	Lanthanide(III) complexes with phosphoryl containing 1,8-naphthyridine: Crystal structures and vibrational spectra. Inorganica Chimica Acta, 2009, 362, 3187-3195.	1.2	7
307	Structure and NIR luminescence of lanthanide(III) complexes with an organic tridentate ligand. Inorganica Chimica Acta, 2009, 362, 3196-3200.	1.2	10
308	Syntheses, structures and photophysical properties of a series of Znâ€“Ln coordination polymers (Ln=Nd, Pr, Sm, Eu, Tb, Dy). Inorganica Chimica Acta, 2009, 362, 3821-3828.	1.2	43
309	Dynamic switching between binding sites in the complexation of macrocyclic â€˜pushâ€“pullâ€™ chromophores to lanthanides. Tetrahedron, 2009, 65, 10436-10440.	1.0	10
310	Luminescence enhancement effect for the determination of balofloxacin with balofloxacinâ€“europium (III)â€“sodium dodecylbenzene sulfonate system. Journal of Luminescence, 2009, 129, 90-94.	1.5	17
311	Microwave-assisted synthesis of (tris-acetylacetonato)(2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline)terbium(III) complex with outstanding high green luminescence. Journal of Luminescence, 2009, 129, 243-245.	1.5	3
312	Fluorescence enhancement of Er3+ ion by Glibenclamide: A practical probe. Materials Science and Engineering C, 2009, 29, 2388-2391.	3.8	8
313	2-Mercaptobenzothiazolate complexes of rare earth metals and their electroluminescent properties. Organic Electronics, 2009, 10, 623-630.	1.4	29
314	Multinuclear NIR luminescent 1,4-BDC bridged Schiff-base complexes of Nd(III). Polyhedron, 2009, 28, 27-32.	1.0	53
315	Sensitized near-infrared emission of YbIII from an IrIIIâ€“YbIII bimetallic complex. Polyhedron, 2009, 28, 897-902.	1.0	20
316	Synthesis and investigations of mixed-ligand lanthanide complexes with N,Nâ€²-dipyrrolidine-Nâ€²â€²-trichloracetylphosphortriamide, dimethyl-N-trichloracetylamidophosphate, 1,10-phenanthroline and 2,2â€²-bipyrimidine. Polyhedron, 2009, 28, 3731-3738.	1.0	55
317	Structure and photophysical properties of new lanthanide(III) complexes [Ln(C10H8O6)1.5(H2O)3]Â·H2O. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 202, 1-9.	2.0	19
318	Highly luminescent di-ureasil hybrid doped with a Eu(III) complex including dipicolinate ligands. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 205, 156-160.	2.0	19
319	Preparation, crystal structure and luminescent properties of the (6,3) type network supramolecular lanthanide picrate complexes with 2,2â€²-[(1,2-naphthalene)bis(oxy)]bis[N-(phenylmethyl)]acetamide. Journal of Solid State Chemistry, 2009, 182, 3118-3124.	1.4	17

#	Article	IF	Citations
320	Micelle-enhanced and terbium-sensitized spectrofluorimetric determination of gatifloxacin and its interaction mechanism. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 766-771.	2.0	26
321	Photophysical properties of novel fluorescent poly(oxyethylene phosphate) tris(Î²-diketonate) europium (III) complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 1127-1133.	2.0	14
322	Study of the energy transfer process in the highly luminescent heterometallic dimers of Ce3+ and d10 [Ag(CN)2]â^' or d8 [Pt(CN)4]2â^' ions. Chemical Physics Letters, 2009, 471, 258-263.	1.2	10
323	Assembly, crystal structure and luminescent properties of coordination polymer of europium nitrate with an amide type bridging podand. Inorganic Chemistry Communication, 2009, 12, 461-464.	1.8	9
324	Phosphonate supported assembly of nanoscale lotus-leaf-shaped nonanuclear lanthanide clusters. Inorganic Chemistry Communication, 2009, 12, 502-505.	1.8	8
325	Synthesis, crystal structures and photoluminescence properties of Sm-based enantiomeric pair. Inorganic Chemistry Communication, 2009, 12, 923-925.	1.8	10
326	Co-existence of heterometallic Zn2Er and ZnEr arrayed chromophores for the sensitization of near-infrared (NIR) luminescence. Inorganic Chemistry Communication, 2009, 12, 1216-1219.	1.8	25
327	Modulating the Near-Infrared Luminescence of Neodymium and Ytterbium Complexes with Tridentate Ligands Based on Benzoxazole-Substituted 8-Hydroxyquinolines. Inorganic Chemistry, 2009, 48, 2908-2918.	1.9	85
328	Benzothiazole- and Benzoxazole-Substituted Pyridine-2-Carboxylates as Efficient Sensitizers of Europium Luminescence. Inorganic Chemistry, 2009, 48, 6178-6191.	1.9	95
329	Chiral transfer in coordination complexes: towards molecular materials. Chemical Society Reviews, 2009, 38, 830.	18.7	365
330	Highly luminescent europium(iii) complexes containing organosilyl 4,4,5,5,5-pentafluoro-1-(naphthalen-2-yl)pentane-1,3-dionate ligands grafted on silica nanoparticles. Journal of Materials Chemistry, 2009, 19, 7976.	6.7	49
331	Relaxation and luminescence studies on hydrated bipyridyl- and terpyridyl-based lanthanide complexes. Dalton Transactions, 2009, , 9466.	1.6	7
332	Molecular Ladders of Lanthanide-3-phenyl-4-benzoyl-5-isoxazolonate and Bis(2-(diphenylphosphino)phenyl) Ether Oxide Complexes: The Role of the Ancillary Ligand in the Sensitization of Eu3+ and Tb3+ Luminescence. Crystal Growth and Design, 2009, 9, 3562-3569.	1.4	64
333	Molecule-Like Eu³⁺-Dimers Embedded in an Extended System Exhibit Unique Photoluminescence Properties. Journal of the American Chemical Society, 2009, 131, 8620-8626.	6.6	55
334	3-Phenyl-4-acyl-5-isoxazolonate complex of Tb3+ doped into poly-Î²-hydroxybutyrate matrix as a promising light-conversion molecular device. Journal of Materials Chemistry, 2009, 19, 5179.	6.7	98
335	Efficient near-infrared emission of a Ytterbium(iii) compound with a green light rhodamine donor. Dalton Transactions, 2009, , 2081.	1.6	55
336	Near-infrared emitting ytterbium metalâ€“organic frameworks with tunable excitation properties. Chemical Communications, 2009, , 4506.	2.2	135
337	Dynamic Measurements of Aqueous Lanthanide Triflate-Catalyzed Reactions Using Luminescence Decay. Journal of the American Chemical Society, 2009, 131, 6342-6343.	6.6	28

#	Article	IF	Citations
338	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
339	Aryl Bridged 1-Hydroxypyridin-2-one: Effect of the Bridge on the Eu(III) Sensitization Process. Inorganic Chemistry, 2009, 48, 9316-9324.	1.9	20
340	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
341	Two Related Gadolinium Aquo Carbonate 2-D and 3-D Structures and Their Thermal, Spectroscopic, and Paramagnetic Properties. Inorganic Chemistry, 2009, 48, 1533-1541.	1.9	14
342	All-Electron Scalar Relativistic Basis Sets for the Lanthanides. Journal of Chemical Theory and Computation, 2009, 5, 2229-2238.	2.3	293
343	Lanthanide Metalâ˜'Organic Frameworks Based on Octahedral Secondary Building Units: Rare Net Topology and Luminescence. Crystal Growth and Design, 2009, 9, 2984-2987.	1.4	85
344	Modulation of Pt â†' Ln Energy Transfer in PtLn₂ (Ln = Nd, Er, Yb) Complexes with 2,2â€²-Bipyridyl/2,2â€²:6â€²2â€²â€²-Terpyridyl Ethynyl Ligands. Crystal Growth and Design, 2009, 9, 569-576.	1.4	35
345	Novel Structures and Luminescence Properties of Lanthanide Coordination Polymers with a Novel Flexible Polycarboxylate Ligand. Crystal Growth and Design, 2009, 9, 5128-5134.	1.4	88
346	Theoretical Insights into Hydrogen Bonding and Its Influence on the Structural and Spectral Properties of Aquo Palladium(II) Complexes: cis-[(dppp)Pd(H₂O)₂]²⁺, cis-[(dppp)Pd(H₂O)(OSO₂CF₃)]⁺(OSO₂CF₃)<sup> and cis-[(dppp)Pd(H₂O)₂]²⁺(OSO₂CF₃)^{â˜'}₂</su	2.3	143
347	Chiral Tetraazamacrocycles Having Four Pendant-Arms. Organic Letters, 2009, 11, 2289-2292.	2.4	15
348	Sexithiophenes Mediated by MM Quadruple Bonds: MM = Mo₂, MoW, and W₂. Inorganic Chemistry, 2009, 48, 8536-8543.	1.9	17
349	Lanthanide imidodiphosphinate complexes. Synthetic Metals, 2009, 159, 1398-1402.	2.1	31
350	Synthesis and characterization of nano-scale Terbium (III)-trimesic acid (TMA)-1,10-phenanthroline(phen) luminescent complex. Journal of Alloys and Compounds, 2009, 477, 333-336.	2.8	29
351	Synthesis and photoluminescence properties of heteroleptic Eu3+, Tb3+ and Tm3+ complexes. Journal of Alloys and Compounds, 2009, 485, 119-123.	2.8	10
352	A ruthenium-based metallostar: synthesis, sensitized luminescence and 1H relaxivity. Dalton Transactions, 2009, , 2088.	1.6	46
353	Effect of secondary ligandsâ€™ size on energy transfer and electroluminescent efficiencies for a series of europium(iii) complexes, a density functional theory study. Physical Chemistry Chemical Physics, 2009, 11, 9687.	1.3	45
354	Highly Efficient Color-Tunable OLED Based on Poly(9,9-dioctylfluorene) Doped with a Novel Europium Complex. Journal of Physical Chemistry C, 2009, 113, 2290-2295.	1.5	47
355	NMR and Spectrophotometry Study of the Supramolecular Catalytic System Based on Polyethyleneimine and Amphiphilic Sulfonatomethylated Calix[4]Resorcinarene. Journal of Physical Chemistry C, 2009, 113, 6182-6190.	1.5	35

#	Article	IF	Citations
356	Dual emission from stoichiometrically mixed lanthanide complexes of 3-phenyl-4-benzoyl-5-isoxazolonate and 2,2â€²-bipyridine. Journal of Materials Chemistry, 2009, 19, 1425.	6.7	55
357	Intrinsic quantum yields and radiative lifetimes of lanthanide tris(dipicolinates). Physical Chemistry Chemical Physics, 2009, 11, 1346.	1.3	230
358	Controlled preparation of a heterometallic lanthanide complex containing different lanthanides in symmetrical binding pockets. Chemical Communications, 2009, , 6020.	2.2	72
359	Lanthanide-Based Luminescent Hybrid Materials. Chemical Reviews, 2009, 109, 4283-4374.	23.0	2,989
360	Predicting Efficient Antenna Ligands for Tb(III) Emission. Inorganic Chemistry, 2009, 48, 687-698.	1.9	95
361	Highly Luminescent Homoleptic Europium Chelates. Inorganic Chemistry, 2009, 48, 5611-5613.	1.9	59
362	Novel Highly Charged Silica-Coated Tb(III) Nanoparticles with Fluorescent Properties Sensitive to Ion Exchange and Energy Transfer Processes in Aqueous Dispersions. Langmuir, 2009, 25, 3146-3151.	1.6	47
363	Three-Dimensional Lanthanide Anionic Metalâ^'Organic Frameworks with Tunable Luminescent Properties Induced by Cation Exchange. Inorganic Chemistry, 2009, 48, 6997-6999.	1.9	259
364	Luminescent and Magnetic Properties of Lanthanide-Thiophene-2,5-dicarboxylate Hybrid Materials. Crystal Growth and Design, 2009, 9, 1361-1369.	1.4	141
365	Influence of Conformational Flexibility on Self-Assembly and Luminescence Properties of Lanthanide Coordination Polymers with Flexible exo-Bidentate Biphenol Derivatives. Inorganic Chemistry, 2009, 48, 3581-3590.	1.9	37
366	Lanthanide Carboxyphosphonates Ln(O3PCH2â^'NC5H9â^'COO)(H2O)2Â·xH2O with Open Framework Structures Containing Parallelogram-like Channels. Crystal Growth and Design, 2009, 9, 4445-4449.	1.4	16
367	Fluoride-enhanced lanthanide luminescence and white-light emitting in multifunctional Al3Ln2 (Ln =) Tj ETQq1 1 0.784314 rgBT /Over	2.2	96
368	Sensitised luminescence in lanthanide containing arrays and dâ€“f hybrids. Dalton Transactions, 2009, , 3890.	1.6	170
369	Luminescence of metallomesogens in the liquid crystal state. Journal of Materials Chemistry, 2009, 19, 448-453.	6.7	147
370	Sensitised near-IR lanthanide luminescence exploiting anthraquinone-derived chromophores: syntheses and spectroscopic properties. Dalton Transactions, 2009, , 8421.	1.6	30
371	Organicâ€“Inorganic Hybrids for Light-Emitting Devices and Integrated Optics. , 2009, , 509-586.		0
372	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
373	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

#	Article	IF	Citations
374	Ligand-Dependent Ultrasonic-Assistant Self-Assemblies and Photophysical Properties of Lanthanide Nicotinic/Isonicotinic Complexes. Inorganic Chemistry, 2009, 48, 3800-3807.	1.9	75
375	Structural and Photophysical Studies of Highly Stable Lanthanide Complexes of Tripodal 8-Hydroxyquinolinate Ligands Based on 1,4,7-Triazacyclononane. Inorganic Chemistry, 2009, 48, 4207-4218.	1.9	80
376	Focusing on Targets. , 2009, , 407-453.		1
377	Intermolecular Interactions as Actors in Energy-Transfer Processes in Lanthanide Complexes with 2,2â€²-Bipyridine. Journal of Physical Chemistry B, 2009, 113, 9265-9277.	1.2	105
378	Syntheses, characterisation, magnetism and photoluminescence of a homodinuclear Ln(III)-Schiff base family. Dalton Transactions, 2009, , 10263.	1.6	43
379	Novel dense organicâ€“lanthanide hybrid architectures: syntheses, structures and magnetic properties. Dalton Transactions, 2009, , 2528.	1.6	37
380	Synthesis, crystal structures, and luminescent properties of eleven new lanthanide and yttrium complexes with fluorescent whitener and 1,10-phenanthroline. New Journal of Chemistry, 2009, 33, 1508.	1.4	8
381	Introduction to Fluorescence Sensing. , 2009, , .		183
382	Single Polymer Photosensitizer for Tb3+ and Eu3+ Ions: An Approach for White Light Emission Based on Carboxylic-Functionalized Poly(m-phenylenevinylene)s. Journal of Physical Chemistry B, 2009, 113, 14128-14138.	1.2	93
383	In search for tuneable intramolecular intermetallic interactions in polynuclear lanthanide complexes. Dalton Transactions, 2009, , 7625.	1.6	32
384	Changing the local coordination environment in mono- and bi- nuclear lanthanide complexes through â€œclickâ€•chemistry. Dalton Transactions, 2009, , 6283.	1.6	73
385	Luminescent chiral lanthanide(iii) complexes as potential molecular probes. Dalton Transactions, 2009, , 9692.	1.6	312
386	Structural and Photoluminescence Studies of a Europium(III) Tetrakis(Î²-diketonate) Complex with Tetrabutylammonium, Imidazolium, Pyridinium and Silica-Supported Imidazolium Counterions. Inorganic Chemistry, 2009, 48, 4882-4895.	1.9	86
387	A novel europium(iii) complex with versatility in excitation ranging from infrared to ultraviolet. Physical Chemistry Chemical Physics, 2009, 11, 5119.	1.3	35
388	Gadolinium(III) complexes of 1,4,7-triazacyclononane based picolinate ligands: simultaneous optimization of water exchange kinetics and electronic relaxation. Dalton Transactions, 2009, , 8033.	1.6	42
389	Direct Preparation of Unsymmetrical Difunctionalized Cyclen Derivatives by an Ugi Multicomponent Reaction. Organic Letters, 2009, 11, 417-420.	2.4	21
390	Nondestructive luminescence intensity readout of a photochromic lanthanide(iii) complex. Chemical Communications, 2009, , 5630.	2.2	67
391	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.	6.6	72

#	Article	IF	Citations
392	Mono- and Terfluorene Oligomers as Versatile Sensitizers for the Luminescent Eu3+ Cation. Inorganic Chemistry, 2009, 48, 6332-6334.	1.9	13
393	Peptide-based fluorescent biosensors. Chemical Society Reviews, 2009, 38, 3348.	18.7	159
394	Visible and Near-Infrared Emission by Samarium(III)-Containing Ionic Liquid Mixtures. Inorganic Chemistry, 2009, 48, 3018-3026.	1.9	131
395	[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.	1.6	57
396	Dual role of a di-urethanesil hybrid doped with europium Î²-diketonate complexes containing either waterligands or a bulky chelating ligand. Journal of Materials Chemistry, 2009, 19, 733-742.	6.7	35
397	Lanthanide macrocyclic quinolyl conjugates as luminescent molecular switches and logic gate functions using HOâ^' and O2 as inputs. New Journal of Chemistry, 2009, 33, 1025.	1.4	33
398	1 : 1 vs. 2 : 1 coordination of pentadentate hydrazone-type ligands to lanthanide(iii) ions. Formation of cationic as well as dicationic complexes. Dalton Transactions, 2009, , 7421.	1.6	13
399	Luminescence of LaF₃:Ln³⁺ Nanocrystal Dispersions in Ionic Liquids. Journal of Physical Chemistry C, 2009, 113, 13532-13538.	1.5	43
400	Syntheses, structures, and photoluminescence of 1-D lanthanide coordination polymers. Dalton Transactions, 2009, , 10505.	1.6	46
401	Cyclic and acyclic oligo(N2O2) ligands for cooperative multi-metal complexation. Dalton Transactions, 2009, , 10395.	1.6	171
402	The key role of accurate lattice parameters in revealing subtle structural differencesâ€"a case study in the system [Ln(phen/phen-d8)2(NO3)3]. CrystEngComm, 2009, 11, 1197.	1.3	13
403	Luminescent Microspheres Resolved from Strong Background on an Automated Time-Gated Luminescence Microscopy Workstation. , 2009, , .		1
404	Luminescence properties of heterodinuclear Ptâ€"Eu complexes from unusual nonadentate ligands. Dalton Transactions, 2009, , 5688.	1.6	21
405	Templated assembly of Î¼5-CO32â^' decanuclear praseodymium and neodymium clusters through spontaneous fixation of atmospheric carbon dioxide. Dalton Transactions, 2009, , 10609.	1.6	56
406	Syntheses, structures and photophysical properties of tetranuclear Cdâ€"Ln coordination complexes. Dalton Transactions, 2009, , 7653.	1.6	60
407	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
408	Nanoparticles of Adaptive Supramolecular Networks Self-Assembled from Nucleotides and Lanthanide Ions. Journal of the American Chemical Society, 2009, 131, 2151-2158.	6.6	314
409	Modeling, Structural, and Spectroscopic Studies of Lanthanide-Organic Frameworks. Journal of Physical Chemistry B, 2009, 113, 12181-12188.	1.2	57

#	Article	IF	Citations
410	A Series of Three-Dimensional Lanthanide-Rigid-Flexible Frameworks: Synthesis, Structure, and Luminescent Properties of Coordination Polymers with 2,5-Pyridine Dicarboxylic Acid and Adipic Acid. Crystal Growth and Design, 2009, 9, 1525-1530.	1.4	96
411	Cerium(IV)â^'Lanthanide(III)â^'Pyridine-2,6-dicarboxylic Acid System: Coordination Salts, Chains, and Rings. Inorganic Chemistry, 2009, 48, 11543-11550.	1.9	54
412	Selective labeling of tag-fused protein by tryptophan-sensitized luminescence of a terbium complex. Chemical Communications, 2009, , 3196.	2.2	23
413	Solution Structure and Dynamics, Stability, and NIR Emission Properties of Lanthanide Complexes with a Carboxylated Bispyrazolylpyridyl Ligand. Inorganic Chemistry, 2009, 48, 1507-1518.	1.9	55
414	Novel Near-Infrared Luminescent Hybrid Materials Covalently Linking with Lanthanide [Nd(III), Er(III), Yb(III), and Sm(III)] Complexes via a Primary Î²-Diketone Ligand: Synthesis and Photophysical Studies. Journal of Physical Chemistry C, 2009, 113, 12538-12545.	1.5	60
415	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
416	Lanthanide-doped luminescent ionogels. Dalton Transactions, 2009, , 298-306.	1.6	142
417	Near-Infrared Luminescent Lanthanide MOF Barcodes. Journal of the American Chemical Society, 2009, 131, 18069-18071.	6.6	448
418	Circularly Polarized Luminescence in Enantiopure Europium and Terbium Complexes with Modular, All-Oxygen Donor Ligands. Inorganic Chemistry, 2009, 48, 8469-8479.	1.9	43
419	Near-infrared luminescent xerogel materials covalently bonded with ternary lanthanide [Er(iii), Nd(iii), Yb(iii), Sm(iii)] complexes. Dalton Transactions, 2009, , 2406.	1.6	57
420	4,4,5,5,5-Pentafluoro-1-(9H-fluoren-2-yl)-1,3-pentanedione complex of Eu3+ with 4,5-bis(diphenylphosphino)-9,9-dimethylxanthene oxide as a promising light-conversion molecular device. Dalton Transactions, 2009, , 7519.	1.6	42
421	Circularly Polarized Luminescence of Eu(III) Complexes with Point- and Axis-Chiral Ligands Dependent on Coordination Structures. Inorganic Chemistry, 2009, 48, 11242-11250.	1.9	106
422	Hetero-trinuclear near-infrared (NIR) luminescent Zn2Ln complexes from Salen-type Schiff-base ligands. New Journal of Chemistry, 2009, 33, 2326.	1.4	58
423	Lanthanide Luminescent Bioprobes (LLBs). Chemistry Letters, 2009, 38, 104-109.	0.7	175
424	Recognition of Monosaccharides with Energy-transfer Luminescence Using Residual Coordination Sites of Lanthanide(III)â€"4-Aminobenzyl-EDTA Complex in Aqueous Solution. Chemistry Letters, 2009, 38, 412-413.	0.7	5
425	Near-infrared Luminescence from Ytterbium(III) Ternary Complexes by Visible-light Excitation of Attached Chlorophyll Derivatives. Chemistry Letters, 2009, 38, 648-649.	0.7	9
426	Substrate responsive colloidal system based on luminescent Tb(III) doped silica nanoparticles. , 2010, , .		0
427	Development of New Double-Stranded Phenylalanyl Chelators Using .ETA.-.CHI. Diagrams and Binding Constants for Chelators and Lanthanide Ions. Chemical and Pharmaceutical Bulletin, 2010, 58, 620-627.	0.6	3

#	Article	IF	Citations
428	Synthesis of europium(III) phenanthroline-Î²-diketonate silicon-containing complex. Photoluminescence in solution and in sol-gel film. Russian Journal of General Chemistry, 2010, 80, 1758-1761.	0.3	4
429	A Series of Lanthanideâ^'Organic Frameworks Based on 2-Propyl-1H-imidazole-4,5-dicarboxylate and Oxalate: Syntheses, Structures, Luminescence, and Magnetic Properties. Crystal Growth and Design, 2010, 10, 1399-1408.	1.4	154
430	Lanthanide Contraction and Temperature-Dependent Structures of Lanthanide Coordination Polymers with Imidazole-4,5-Dicarboxylate and Oxalate. Crystal Growth and Design, 2010, 10, 4310-4318.	1.4	121
431	Luminescence Amplification Strategies Integrated with Microparticle and Nanoparticle Platforms. Topics in Current Chemistry, 2010, 300, 51-91.	4.0	15
432	Sensitization of the NIR emission of Nd(<scp>iii</scp>) by the Î±4 atropoisomer of a meso-tetraphenyl porphyrin bearing four 8-hydroxyquinolinylamide chelates. Chemical Communications, 2010, 46, 619-621.	2.2	31
433	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
434	Phosphorescent chemosensors based on heavy-metal complexes. Chemical Society Reviews, 2010, 39, 3007.	18.7	1,135
435	Tris(Î²-diketonates) lanthanum nematic adducts. Liquid Crystals, 2010, 37, 285-291.	0.9	30
436	Stable Luminescent Chelates and Macrocyclic Compounds. Springer Series on Fluorescence, 2010, , 47-88.	0.8	21
437	Highly efficient visible light sensitized red emission from europium tris[1-(4-biphenoyl)-3-(2-fluoroyl)propanedione](1,10-phenanthroline) complex grafted on silica nanoparticles. Journal of Materials Chemistry, 2010, 20, 5220.	6.7	80
438	Synthesis and crystal structures of lanthanide 4-benzyloxy benzoates: Influence of electron-withdrawing and electron-donating groups on luminescent properties. Dalton Transactions, 2010, 39, 776-786.	1.6	100
439	Theoretical and Experimental Spectroscopic Approach of Fluorinated Ln³⁺â^'Î²-Diketonate Complexes. Journal of Physical Chemistry A, 2010, 114, 7928-7936.	1.1	52
440	Lanthanide Luminescence for Biomedical Analyses and Imaging. Chemical Reviews, 2010, 110, 2729-2755.	23.0	2,309
441	Highly Luminescent Poly(Methyl Methacrylate)-Incorporated Europium Complex Supported by a Carbazole-Based Fluorinated Î²-Diketonate Ligand and a 4,5-Bis(diphenylphosphino)-9,9-dimethylxanthene Oxide Co-Ligand. Inorganic Chemistry, 2010, 49, 9055-9063.	1.9	190
442	Synthesis, Crystal Structure, and Photoluminescence of Homodinuclear Lanthanide 4-(Dibenzylamino)benzoate Complexes. Inorganic Chemistry, 2010, 49, 2407-2415.	1.9	121
443	Heteronuclear lanthanide-containing complexes on the base of modified porphyrins and their luminescent properties. Journal of Porphyrins and Phthalocyanines, 2010, 14, 166-169.	0.4	12
444	Nonlinear optical properties of Er3+/Yb3+-doped NaYF4 nanocrystals. Chemical Physics Letters, 2010, 490, 189-193.	1.2	24
445	An oxazoline derivatized Pybox ligand for Eu(III) and Tb(III) sensitization. Comptes Rendus Chimie, 2010, 13, 691-699.	0.2	6

#	Article	IF	Citations
446	Novel antennae for the sensitization of near infrared luminescent lanthanide cations. Comptes Rendus Chimie, 2010, 13, 668-680.	0.2	89
447	Effect of molybdenum and praseodymium dopants on the optical properties of Sm2Ce2O7: Tuning of band gaps to realize various color hues. Dyes and Pigments, 2010, 85, 117-123.	2.0	53
448	Synthesis and assembly of rare earth nanostructures directed by the principle of coordination chemistry in solution-based process. Coordination Chemistry Reviews, 2010, 254, 1038-1053.	9.5	150
449	Synthesis, structure and luminescence properties of lanthanide complex with a new tetrapodal ligand featuring salicylamide arms. Journal of Solid State Chemistry, 2010, 183, 1-9.	1.4	8
450	Facile Synthesis of Amine-Functionalized Eu3+-Doped La(OH)3 Nanophosphors for Bioimaging. Nanoscale Research Letters, 2011, 6, 24.	3.1	21
451	Study of spectroscopic properties of Europium (III) Tris(Î²-diketonate) complex and Î±-Cyclodextrin in aqueous medium. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 281-285.	1.6	0
452	Self-assembly as a route to dinuclear lanthanide complexes with rare coordination pattern of salen-type ligand. Structural Chemistry, 2010, 21, 779-786.	1.0	15
453	Novel organosilicon monomer for preparing transparent matrices doped with lanthanide complexes. Russian Chemical Bulletin, 2010, 59, 590-597.	0.4	3
454	The ionothermal synthesis of metal organic frameworks, Ln(C9O6H3)((CH3NH)2CO)2, using deep eutectic solvents. Solid State Sciences, 2010, 12, 418-421.	1.5	50
455	Self-Assembled Lanthanide Salicylaldimines with a Unique Coordination Mode. European Journal of Inorganic Chemistry, 2010, 2010, 2193-2200.	1.0	19
456	Acridone-Benzimidazole Ring-Fused Ligands: A New Class of Sensitizers of Lanthanide Luminescence via Low-Energy Excitation. European Journal of Inorganic Chemistry, 2010, 2010, 2723-2734.	1.0	25
457	Near-Infrared Luminescent, Neutral, Cyclic Zn2Ln2 (Ln = Nd, Yb, and Er) Complexes from Asymmetric Salen-Type Schiff Base Ligands. European Journal of Inorganic Chemistry, 2010, 2010, 2714-2722.	1.0	55
458	Luminescent CaWO4:Tb3+-Loaded Mesoporous Silica Composites for the Immobilization and Release of Lysozyme. European Journal of Inorganic Chemistry, 2010, 2010, 2655-2662.	1.0	19
459	Dual Luminescent Dinuclear Gold(I) Complexes of Terpyridylâ€Functionalized Alkyne Ligands and Their Efficient Sensitization of Eu^{III} and Yb^{III} Luminescence. European Journal of Inorganic Chemistry, 2010, 2010, 3449-3457.	1.0	25
460	Syntheses at Elevated Temperature and Structures of Lanthanoid/Alkaline Earth Heterobimetallic Derivatives of 2-Methyl-8-hydroxyquinoline. European Journal of Inorganic Chemistry, 2010, 2010, 2787-2797.	1.0	19
461	A Series of Lanthanide Metalâ€“Organic Frameworks Based on Biphenylâ€3,4â€²,5â€tricarboxylate: Syntheses, Structures, Luminescence and Magnetic Properties. European Journal of Inorganic Chemistry, 2010, 2010, 3842-3849.	1.0	89
462	Synthesis and Photophysical Properties of LnIII-DOTA-Bipy Complexes and LnIII-DOTA-Bipy-RuII Coordination Conjugates. European Journal of Inorganic Chemistry, 2010, 2010, 4532-4545.	1.0	19
463	Ditopic 8-Hydroxyquinoline-2-carboxamides as Ligands for the Formation of Dinuclear Lanthanide(III) Helicates. European Journal of Inorganic Chemistry, 2010, 2010, 4678-4682.	1.0	10

#	Article	IF	Citations
464	Effects of Phonon Confinement on Anomalous Thermalization, Energy Transfer, and Upconversion in Ln³⁺â€Doped Gd₂O₃ Nanotubes. Advanced Functional Materials, 2010, 20, 624-634.	7.8	62
465	Functional Ir^{III} Complexes and Their Applications. Advanced Materials, 2010, 22, 1534-1539.	11.1	253
466	Design of Lanthanide Fingers: Compact Lanthanideâ€Binding Metalloproteins. ChemBioChem, 2010, 11, 1738-1747.	1.3	25
467	Surface Modification and Functionalization of Microporous Hybrid Material for Luminescence Sensing. Chemistry - A European Journal, 2010, 16, 2125-2130.	1.7	71
468	Magnetic Coupling in Enantiomerically Pure Trinuclear Helicateâ€Type Complexes Formed by Hierarchical Selfâ€Assembly. Chemistry - A European Journal, 2010, 16, 8797-8804.	1.7	19
469	A Lightâ€Harvesting Antenna Resulting from the Selfâ€Assembly of Five Luminescent Components: A Dendrimer, Two Clips, and Two Lanthanide Ions. Chemistry - A European Journal, 2010, 16, 6048-6055.	1.7	40
470	Binuclear Terbium(III) Complex as a Probe for Tyrosine Phosphorylation. Chemistry - A European Journal, 2010, 16, 5018-5025.	1.7	26
471	Bionanoprobes with Excellent Twoâ€Photonâ€Sensitized Eu³⁺ Luminescence Properties for Live Cell Imaging. Chemistry - A European Journal, 2010, 16, 8647-8651.	1.7	44
472	Synthesis and luminescence properties of lanthanide complexes with a new tripodal ligands featuring salicylamide arms. Luminescence, 2010, 25, 328-335.	1.5	25
473	Accurate Elemental Analysis of Metalâ€Containing Polymer Latexes Using ICPâ€Optical Emission Spectrometry. Macromolecular Chemistry and Physics, 2010, 211, 1355-1368.	1.1	21
474	The luminescence response of Eu(III)-thenoyltrifluoroacetonate complexes upon preresonant excitation with femtosecond laser pulses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 448-452.	2.0	7
475	Synthesis and fluorescence properties of ten lanthanide benzene-1,3,5-tricarboxylate complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 77, 419-423.	2.0	37
476	Phase transformation in CaCO3 polymorphs: A spectroscopic, microscopic and diffraction study. Journal of Colloid and Interface Science, 2010, 351, 50-56.	5.0	30
477	Optical properties of red, green and blue emitting rare earth benzenetricarboxylate compounds. Journal of Luminescence, 2010, 130, 283-291.	1.5	63
478	The co-luminescence effect of a europium (III)â€“lanthanum (III)â€“gatifloxacinâ€“sodium dodecylbenzene sulfonate system and its application for the determination of trace amount of europium (III). Journal of Luminescence, 2010, 130, 591-597.	1.5	15
479	Role of methylene spacer in the excitation energy transfer in europium 1- and 2- naphthylcarboxylates. Journal of Luminescence, 2010, 130, 1489-1496.	1.5	11
480	Preparation of CaWO4:Ln3+@SiO2 (Ln=Tb, Dy and Ho) nanoparticles by a combustion reaction and their optical properties. Journal of Luminescence, 2010, 130, 2072-2075.	1.5	22
481	Efficient near-infrared organic light-emitting diodes based on multimetallic assemblies of lanthanides and iridium complexes. Organic Electronics, 2010, 11, 369-376.	1.4	39

#	Article	IF	Citations
482	Lanthanide oxalatophosphonates with two- and three-dimensional structures. Journal of Solid State Chemistry, 2010, 183, 1159-1164.	1.4	14
483	Synthesis, crystal structure and thermal behavior of two hydrated forms of lanthanide phthalates Ln2(O2+C6H4â€“CO2)3(H2O) (Ln=Ce, Nd) and Nd2(O2Câ€“C6H4â€“CO2)3(H2O)3. Journal of Solid State Chemistry, 2010, 183, 1943-1948.	1.4	4
484	Tunable electronic interactions in small lanthanide(III) nanoclusters: The comparative effects of OHâ˜ and O2â˜ supramolecular glues on europium(III)-to-dysprosium(III) energy transfer. Polyhedron, 2010, 29, 270-279.	1.0	23
485	Synthesis, X-ray crystal structure and photophysical properties of tris(dibenzoylmethanido)(1,10-phenanthroline)samarium(III). Polyhedron, 2010, 29, 2511-2515.	1.0	45
486	Structural regularities and luminescence properties of dimeric europium and terbium carboxylates with 1,10-phenanthroline (C.N.=9). Journal of Photochemistry and Photobiology A: Chemistry, 2010, 211, 7-19.	2.0	37
487	Synthesis and luminescent properties of the first series of lanthanide complexes based on sebacate and 2,5-pyridinedicarboxylate. Inorganica Chimica Acta, 2010, 363, 669-675.	1.2	11
488	Tris(4-oxy-pyridinium)nitrato lanthanide complexes [M(4-O-C6H4NH)3(NO3)2(H2O)2][NO3] {M = La, Ce, Pr, Nd, Eu, Gd} â€“ Synthesis, properties and structural characterization. Inorganica Chimica Acta, 2010, 363, 2990-2995.	1.2	3
489	Synthesis, characterization and spectroscopic studies of copolymer of styrene with 4-oxe-4(P-hydroxyl phenylamino) but-2-enoic acid and corresponding fluorescent macromolecular lanthanide(III) complexes. European Polymer Journal, 2010, 46, 1100-1105.	2.6	12
490	Short and straightforward synthesis of 1,7-dimethyl-1,4,7,10-tetraazacyclododecane. Tetrahedron Letters, 2010, 51, 3436-3438.	0.7	7
491	Synthesis and photophysical properties of oligoarylenes with a pyrrolo[2,3-d]pyrimidine core. Tetrahedron Letters, 2010, 51, 3902-3906.	0.7	27
492	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
493	Optimization of time-resolved fluorescence assay for detection of europiumâ€“tetraazacyclododecyltetraacetic acid-labeled ligandâ€“receptor interactions. Analytical Biochemistry, 2010, 398, 15-23.	1.1	25
494	Design of luminescent lanthanide complexes: From molecules to highly efficient photo-emitting materials. Coordination Chemistry Reviews, 2010, 254, 487-505.	9.5	848
495	Sensitized luminescence from lanthanides in dâ€“f bimetallic complexes. Coordination Chemistry Reviews, 2010, 254, 991-1010.	9.5	203
496	Recent advances in the sensitized luminescence of organic europium complexes. Coordination Chemistry Reviews, 2010, 254, 972-990.	9.5	178
497	Sensitization of Eu(III) luminescence by donor-phenylethynyl-functionalized DTPA and DO3A macrocycles. Comptes Rendus Chimie, 2010, 13, 681-690.	0.2	32
498	Towards highly efficient, intelligent and bimodal imaging probes: Novel approaches provided by lanthanide coordination chemistry. Comptes Rendus Chimie, 2010, 13, 700-714.	0.2	41
499	Three new coordination polymers based on 4-oxo-1(4H)quinolineacetate: Synthesis, structures and luminescent properties. Inorganic Chemistry Communication, 2010, 13, 322-325.	1.8	7

#	Article	IF	Citations
500	[Y2(H2O)(BDC)3(DMF)]Â·(DMF)3: A rare 2-D (42.6)(45.6)2(48.62)(49.65.8) net with multi-helical-array and opened windows. Inorganic Chemistry Communication, 2010, 13, 502-505.	1.8	5
501	Syntheses, structures and photoluminescence of Ln(III)â€“Cu(I) coordination polymers based on benzimidazole-5-carboxylate and oxalate ligands. Inorganic Chemistry Communication, 2010, 13, 599-602.	1.8	23
502	Anion-responsive luminescent Eu3+ complexes with ring-like rigid quinolineâ€“amide ligands. Inorganic Chemistry Communication, 2010, 13, 882-886.	1.8	7
503	Synthesis and visible light luminescence of mononuclear nine-coordinate lanthanide complexes with 2,4,6-tris(2-pyridyl)-1,3,5-triazine. Inorganic Chemistry Communication, 2010, 13, 1253-1258.	1.8	37
504	Homodinuclear fâ€“f and Heterodinuclear fâ€“p Lanthanide Helicates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2198-2204.	0.6	12
505	Photoluminescence properties of dinuclear lanthanide complexes in visible and near-infrared region. Journal of Rare Earths, 2010, 28, 660-665.	2.5	12
506	Lanthanide NIR luminescence for telecommunications, bioanalyses and solar energy conversion. Journal of Rare Earths, 2010, 28, 824-842.	2.5	549
507	Anion/Cation (H2PO4â^' and Fe3+) induced dual luminescence quenching effect based on terbium solid sensor. Journal of Rare Earths, 2010, 28, 888-892.	2.5	6
508	Self-assembly as a route to one-dimensional lanthanum(III) salicylaldimine coordination polymer. Journal of Rare Earths, 2010, 28, 51-55.	2.5	13
509	Fluorescentâ€based Solid Sensor for HSO₄^{â^'} in Water. Photochemistry and Photobiology, 2010, 86, 1191-1196.	1.3	33
512	Luminescent Iridium Complexes and Their Applications. Topics in Organometallic Chemistry, 2010, , 113-142.	0.7	39
513	Syntheses, structural determination, and binding studies of nine-coordinate (enH2)3[TbIII(ttha)]2Â·11H2O and eight- coordinate (enH2)[TbIII(pdta)(H2O)]2Â·8H2O. Journal of Coordination Chemistry, 2010, 63, 3792-3804.	0.8	11
515	Chapter 247 Self-Assembled Lanthanide Helicates. Fundamental Theories of Physics, 2010, , 301-553.	0.1	18
516	Fluorescent lanthanide complexes of Schiff base ligands possessingN-aryl moiety: influence of chain length on crossover (calamitic to discotic) phase behaviour. Liquid Crystals, 2010, 37, 1393-1410.	0.9	20
517	Improved photoluminescence properties of sol-gel derived Er3+ doped silica films. Journal of Applied Physics, 2010, 108, 113116.	1.1	6
518	Tris{N-[bis(dimethylamino)phosphinoyl]-2,2,2-trichloroacetamido}(triphenylphosphine) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.2	2
519	Lanthanide N,N-Dimethylaminodiboranates: Highly Volatile Precursors for the Deposition of Lanthanide-Containing Thin Films. Journal of the American Chemical Society, 2010, 132, 2106-2107.	6.6	48
520	Rare-earth organic frameworks involving three types of architecture tuned by the lanthanide contraction effect: hydrothermal syntheses, structures and luminescence. Dalton Transactions, 2010, 39, 6276.	1.6	61

#	Article	IF	Citations
523	Europium(iii)-doped liquid-crystalline physical gels. Journal of Materials Chemistry, 2010, 20, 8571.	6.7	26
524	Multifunctional Homochiral Lanthanide Camphorates with Mixed Achiral Terephthalate Ligands. Inorganic Chemistry, 2010, 49, 9257-9264.	1.9	82
525	Structures and Photoluminescent Properties of the Lanthanide Coordination Complexes with Hydroxyquinoline Carboxylate Ligands. Crystal Growth and Design, 2010, 10, 2306-2313.	1.4	92
526	Determination of Juddâ€“Ofelt intensity parameters from the excitation spectra for rare-earth doped luminescent materials. Physical Chemistry Chemical Physics, 2010, 12, 3276.	1.3	135
527	Synthesis, Crystal Structures, and Luminescent Properties of Two Series' of New Lanthanide (III) Amino-Carboxylate-Phosphonates. Inorganic Chemistry, 2010, 49, 905-915.	1.9	70
528	Basics of Lanthanide Photophysics. Springer Series on Fluorescence, 2010, , 1-45.	0.8	178
529	Novel Three-Dimensional Pillared-Layer Ln(III)â^'Cu(I) Coordination Polymers Featuring Spindle-Shaped Heterometallic Building Units. Inorganic Chemistry, 2010, 49, 561-571.	1.9	86
530	â€œClick-Fluorsâ€• Synthesis of a Family of Ï€-Conjugated Fluorescent Back-to-Back Coupled 2,6-Bis(triazol-1-yl)pyridines and Their Self-Assembly Studies. Journal of Organic Chemistry, 2010, 75, 4852-4855.	1.7	53
531	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.	1.6	24
532	Syntheses, structures and photophysical properties of heterotrinuclear Zn2Ln clusters (Ln = Nd, Eu,) Tj ETQq1 1 0.784314 rgBT /Over	1.6	46
533	Synthesis and characterization of dinuclear heterometallic lanthanide complexes exhibiting MRI and luminescence response. Dalton Transactions, 2010, 39, 5721.	1.6	36
534	Highly efficient luminescent hybrid materials covalently linking with europium(iii) complexes via a novel fluorinated Î²-diketonate ligand: synthesis, characterization and photophysical properties. Dalton Transactions, 2010, 39, 8084.	1.6	74
535	Synthesis, radii dependent self-assembly crystal structures and luminescent properties of rare earth (III) complexes with a tripodal salicylic derivative. Dalton Transactions, 2010, 39, 9013.	1.6	48
536	Mixed dâ^'f3Coordination Complexes Possessing Improved Near-Infrared (NIR) Lanthanide Luminescent Properties in Aqueous Solution. Inorganic Chemistry, 2010, 49, 8449-8456.	1.9	93
537	Magnetic Properties versus Network Dimensionality of Cerium(III) Octacyanotungstate(V) Compounds. Inorganic Chemistry, 2010, 49, 4268-4277.	1.9	28
539	Near-Infrared Luminescence from Visible-Light-Sensitized Hybrid Materials Covalently Linked with Tris(8-hydroxyquinolinate)-lanthanide [Er(III), Nd(III), and Yb(III)] Derivatives. Journal of Physical Chemistry B, 2010, 114, 16393-16397.	1.2	54
540	Eu(III) Complexes of Tetradentate Ligands Related to 2,9-Di(pyrid-2â€²-yl)-1,10-phenanthroline and 2,2â€²-Bi-1,10-phenanthroline. Inorganic Chemistry, 2010, 49, 4657-4664.	1.9	26
541	Spontaneous Assembly of dâ^'f Coordination Frameworks: Syntheses, Structures, and Photoluminescence. Crystal Growth and Design, 2010, 10, 114-121.	1.4	68

#	Article	IF	Citations
542	Efficient Phosphodiester Hydrolysis by Luminescent Terbium(III) and Europium(III) Complexes. Inorganic Chemistry, 2010, 49, 6013-6025.	1.9	33
543	Dipicolinate Sensitization of Europium Luminescence in Dispersible 5%Eu:LaF3 Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 14740-14747.	1.5	82
544	Role of Ligand-to-Metal Charge Transfer State in Nontriplet Photosensitization of Luminescent Europium Complex. Journal of Physical Chemistry A, 2010, 114, 4494-4500.	1.1	60
545	Computational Estimation of Lanthanoidâˆ'Water Bond Lengths by Semiempirical Methods. Journal of Chemical Information and Modeling, 2010, 50, 217-220.	2.5	9
546	Structures and Photophysical Properties of Homo- and Heteronuclear Lanthanide(III) Complexes with Bridging 2-Methyl-8-hydroxylquinoline (HMq) in the Î¼-Phenol Mode. Crystal Growth and Design, 2010, 10, 4101-4108.	1.4	34
547	Pico-Level Monitoring of Ampicillin by Using a Novel Cerium Fluorescence Probe. Analytical Letters, 2010, 43, 2193-2199.	1.0	11
548	Synthesis and Structural Characterization of Cationic 5-Hydroxy-1,3-diketonate Stabilized Dinuclear Complexes and Tetranuclear Lanthanoid Clusters. Inorganic Chemistry, 2010, 49, 5016-5024.	1.9	12
549	Rare Earth Metal Oxalatophosphonates: Syntheses, Structure Diversity, and Photoluminescence Properties. Crystal Growth and Design, 2010, 10, 608-617.	1.4	44
550	Ultrafast Dynamics of Intersystem Crossing and Resonance Energy Transfer in Er(III)âˆ'Quinolinolate Complexes. Journal of Physical Chemistry Letters, 2010, 1, 2733-2737.	2.1	27
551	Novel Light-Emitting Ternary Eu³⁺ Complexes Based on Multifunctional Bidentate Aryl Phosphine Oxide Derivatives: Tuning Photophysical and Electrochemical Properties toward Bright Electroluminescence. Journal of Physical Chemistry C, 2010, 114, 1674-1683.	1.5	56
552	Lanthanide luminescence for functional materials and bio-sciences. Chemical Society Reviews, 2010, 39, 189-227.	18.7	3,065
553	Synthesis and structure of a series of new luminescent Agâ€"Ln coordination polymers and the influence of the introduction of an Ag(i) ion on NIR luminescence from the Ln(iii) centre. New Journal of Chemistry, 2010, 34, 1176.	1.4	29
554	Stimuli-responsive europium-containing metallo-supramolecular polymers. Journal of Materials Chemistry, 2010, 20, 145-151.	6.7	121
555	Modeling the efficiency of FÃ¶rster resonant energy transfer from energy relay dyes in dye-sensitized solar cells. Optics Express, 2010, 18, 3893.	1.7	28
556	154 Î¼m electroluminescence from p-Si anode organic light emitting diode with Bphen: Er(DBM)_3phen as emitter and Bphen as electron transport material. Optics Express, 2010, 18, 13542.	1.7	12
557	Strong luminescence of novel water-soluble lanthanide complexes sensitized by pyridine-2,4,6-tricarboxylic acid. Journal of Alloys and Compounds, 2010, 501, 42-46.	2.8	13
558	Synthesis, photophysical and electroluminescent properties of a novel bright light-emitting Eu3+ complex based on a fluorene-containing bidentate aryl phosphine oxide. Synthetic Metals, 2010, 160, 2197-2202.	2.1	26
559	Synthesis, structure and luminescent properties of coordination polymers with 1,2-benzenedicarboxylic acid and a series of flexible dicarboxylate ligands. CrystEngComm, 2010, 12, 762-773.	1.3	53

#	Article	IF	Citations
560	Self-assembly and application of diphenylalanine-based nanostructures. Chemical Society Reviews, 2010, 39, 1877.	18.7	880
561	Europium Chelate (BHHCT-Eu³⁺) and Its Metal Nanostructure Enhanced Luminescence Applied to Bioassays and Time-Gated Bioimaging. Langmuir, 2010, 26, 10036-10043.	1.6	28
562	Light and colour as analytical detection tools: A journey into the periodic table using polyamines to bio-inspired systems as chemosensors. Chemical Society Reviews, 2010, 39, 2948.	18.7	193
563	Multiple fluorescent chemical sensing and imaging. Chemical Society Reviews, 2010, 39, 3102.	18.7	308
565	Ionic liquid as plasticizer for europium(iii)-doped luminescent poly(methyl methacrylate) films. Physical Chemistry Chemical Physics, 2010, 12, 1879-1885.	1.3	143
566	Synthesis and Characterization of Novel Lanthanide(III) Complexes-Functionalized Mesoporous Silica Nanoparticles as Fluorescent Nanomaterials. Journal of Physical Chemistry C, 2010, 114, 12505-12510.	1.5	53
567	Tricks with clicks: modification of peptidomimetic oligomers via copper-catalyzed azide-alkyne [3 + 2] cycloaddition. Chemical Society Reviews, 2010, 39, 1325.	18.7	304
568	Unsymmetrical Tripodal Ligand for Lanthanide Complexation: Structural, Thermodynamic, and Photophysical Studies. Inorganic Chemistry, 2010, 49, 606-615.	1.9	20
569	Sensitized Emission of Luminescent Lanthanide Complexes Based on a Phosphane Oxide Derivative. Journal of Physical Chemistry A, 2010, 114, 3264-3269.	1.1	34
570	Europium Complexes of a Novel Ethylenedioxythiophene-Derivatized Bis(pyrazolyl)pyridine Ligand Exhibiting Efficient Lanthanide Sensitization. Inorganic Chemistry, 2010, 49, 2035-2037.	1.9	59
571	Metal-Controlled Assembly of Near-Infrared-Emitting Pentanuclear Lanthanide Î²-Diketone Clusters. Inorganic Chemistry, 2010, 49, 2583-2585.	1.9	66
572	A Series of Novel Lanthanide(III) Trisulfonates Based on Dinuclear Clusters. Crystal Growth and Design, 2010, 10, 1788-1797.	1.4	36
573	Fluorescent dialdehyde ligand for the encapsulation of dinuclear luminescent lanthanide complexes. Dalton Transactions, 2010, 39, 5698.	1.6	28
574	Synthesis and Complexing Properties of Novel Crown Ethers and Thiacrown Ethers Incorporating New Heterocyclic Moieties. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 2152-2158.	0.8	3
575	Efficient, stable, tunable, and easy to synthesize, handle and recycle luminescent materials: [H2NMe2]3[Ln(iii)(2,6-dipicolinolate)3] (Ln = Eu, Tb, or its solid solutions). Dalton Transactions, 2010, 39, 6483.	1.6	42
576	Lanthanide-based luminescent probes for selective time-gated detection of hydrogen peroxide in water and in living cells. Chemical Communications, 2010, 46, 7510.	2.2	109
577	Dual Visible and Near-Infrared Luminescent Silica Nanoparticles. Synthesis and Aggregation Stability. Journal of Physical Chemistry C, 2010, 114, 6350-6355.	1.5	23
578	Novel europium complexes covalently bonded to MCM-41 and SBA-15: spatial confinement effects on photoluminescence behavior. Dalton Transactions, 2010, 39, 7485.	1.6	25

#	Article	IF	Citations
579	Cerium-based triple-stranded helicates as luminescent chemosensors for the selective sensing of magnesium ions. Dalton Transactions, 2010, 39, 10051.	1.6	48
580	dsDNA-triggered energy transfer and lanthanide sensitization processes. Luminescent probing of specific A/T sequences. Chemical Communications, 2010, 46, 5518.	2.2	26
581	A novel luminescent chemosensor for detecting Hg2+ based on the pendant benzo crown ether terbium complex. Dalton Transactions, 2010, 39, 9763.	1.6	32
582	Spontaneous resolution upon crystallization of chiral La(iii) and Gd(iii) MOFs from achiral dihydroxymalonate. Chemical Communications, 2010, 46, 8270.	2.2	113
583	3D heterometalâ€“organic frameworks based on oxydiacetic acid. CrystEngComm, 2010, 12, 1086-1089.	1.3	26
584	Near-infrared luminescent copolymerized hybrid materials built from tin nanoclusters and PMMA. Nanoscale, 2010, 2, 2096.	2.8	35
585	Lanthanide-chelate silica nanospheres as robust multicolor Vis-NIR tags. Chemical Communications, 2010, 46, 2647.	2.2	24
586	Self-assembly of looped triple-stranded helicates. Chemical Communications, 2010, 46, 1053.	2.2	17
587	Iridium(iii) luminophores as energy donors for sensitised emission from lanthanides in the visible and near-infrared regions. Photochemical and Photobiological Sciences, 2010, 9, 886-889.	1.6	33
588	Clicked dipicolinic antennae for lanthanide luminescent probes. Dalton Transactions, 2010, 39, 7091.	1.6	38
589	Fabrication and characterization of magnetic mesoporous silica nanospheres covalently bonded with europium complex. Dalton Transactions, 2010, 39, 5166.	1.6	15
590	A lanthanide binding peptide with short chelating side-chains: structural impact of the backbone coordination. Dalton Transactions, 2010, 39, 3560.	1.6	12
591	Structural and photophysical properties of trianionic nine-coordinated near-IR emitting 8-hydroxyquinoline-based complexes. Dalton Transactions, 2010, 39, 9112.	1.6	50
592	A chiral diamondoid 3D lanthanum metalâ€“organic framework displaying blue-greenish long lifetime photoluminescence emission. CrystEngComm, 2010, 12, 1876.	1.3	65
593	A self-assembled, luminescent europium cholate hydrogel: a novel approach towards lanthanide sensitization. Chemical Communications, 2010, 46, 8642.	2.2	86
594	Responsive, di-metallic lanthanide complexes of a piperazine-bridged bis-macrocyclic ligand: modulation of visible luminescence and proton relaxivity. Dalton Transactions, 2010, 39, 3407.	1.6	24
595	A transparent and luminescent ionogel based on organosilica and ionic liquid coordinating to Eu3+ ions. Journal of Materials Chemistry, 2010, 20, 972-975.	6.7	56
596	Hydrophobic chromophore cargo in micellar structures: a different strategy to sensitize lanthanide cations. Chemical Communications, 2010, 46, 124-126.	2.2	32

#	Article	IF	Citations
597	Poly (acrylic acid)-capped lanthanide-doped BaFCl nanocrystals: synthesis and optical properties. Nanoscale, 2010, 2, 1208.	2.8	44
598	Definition of the uptake mechanism and sub-cellular localisation profile of emissive lanthanide complexes as cellular optical probes. Chemical Science, 2010, 1, 111.	3.7	104
599	A europium complex with enhanced long-wavelength sensitized luminescent properties. Physical Chemistry Chemical Physics, 2010, 12, 3195.	1.3	42
600	Dye-loaded zeolite L @silica core-shell composite functionalized with europium(iii) complexes for dipicolinic acid detection. Photochemical and Photobiological Sciences, 2011, 10, 128-132.	1.6	27
601	Engineering Encodable Lanthanide-Binding Tags into Loop Regions of Proteins. Journal of the American Chemical Society, 2011, 133, 808-819.	6.6	132
602	Enantiopure sandwich-type nonanuclear LnIII3MnIII6 clusters. Dalton Transactions, 2011, 40, 4035.	1.6	36
603	Time-resolved red luminescence from europium-catalyzed single walled carbon nanotubes. Chemical Communications, 2011, 47, 1607-1609.	2.2	27
604	Infinite terbium(iii) chains formed from a tetra-phosphorylated resorcinarene cavitand. Dalton Transactions, 2011, 40, 4391.	1.6	5
605	Synthesis, crystal structures and properties of Ln(iii)â€“Cu(i)â€“Na(i) and Ln(iii)â€“Ag(i) heterometallic coordination polymers. CrystEngComm, 2011, 13, 3910.	1.3	29
606	3D lanthanideâ€“transition-metalâ€“organic frameworks constructed from tetranuclear {Ln4} SBUs and Cu centres with fsc net. CrystEngComm, 2011, 13, 3998.	1.3	37
607	Sensing coiled-coil proteins through conformational modulation of energy transfer processes â€“ selective detection of the oncogenic transcription factor c-Jun. Chemical Science, 2011, 2, 1984.	3.7	13
608	Photostable and efficient red-emitters based on zeolite L crystals. Journal of Materials Chemistry, 2011, 21, 14755.	6.7	66
609	3,4,3-LI(1,2-HOPO): In vitro formation of highly stable lanthanide complexes translates into efficacious in vivo europium decorporation. Dalton Transactions, 2011, 40, 8340.	1.6	58
610	Reversible Solid-State Structural Transformation of a 1Dâ^'2D Coordination Polymer by Thermal De/Rehydration Processes. Inorganic Chemistry, 2011, 50, 597-603.	1.9	45
611	Influence of Alkali Metal Cation (Li(I), Na(I), K(I)) on the Construction of Chiral and Achiral Heterometallic Coordination Polymers. Crystal Growth and Design, 2011, 11, 2485-2492.	1.4	34
612	Rational Design of a Ternary Supramolecular System: Self-Assembly of Pentanuclear Lanthanide Helicates. Journal of the American Chemical Society, 2011, 133, 10764-10767.	6.6	94
613	New Highly Luminescent Hybrid Materials: Terbium Pyridineâ^'Picolinate Covalently Grafted on Kaolinite. ACS Applied Materials & Interfaces, 2011, 3, 1311-1318.	4.0	65
614	A Device for Gated Autosynchronous Luminescence Detection. Analytical Chemistry, 2011, 83, 4782-4787.	3.2	23

#	Article	IF	Citations
615	Photoluminescent Lanthanide-Doped Silica Nanotubes: Solâ^'Gel Transcription from Functional Template. Journal of Physical Chemistry C, 2011, 115, 7323-7330.	1.5	48
616	A New Family of Nonanuclear Lanthanide Clusters Displaying Magnetic and Optical Properties. Inorganic Chemistry, 2011, 50, 11276-11278.	1.9	85
617	Nonmacrocyclic Luminescent Lanthanide Complexes Stable in Biological Media. Inorganic Chemistry, 2011, 50, 1689-1697.	1.9	34
618	Solid-State Photoluminescence Sensitization of Tb3+by Novel Au2Pt2and Au2Pt4Cyanide Clusters. Inorganic Chemistry, 2011, 50, 2199-2206.	1.9	31
619	Lanthanide dota-like Complexes Containing a Picolinate Pendant: Structural Entry for the Design of Ln^{III}-Based Luminescent Probes. Inorganic Chemistry, 2011, 50, 4125-4141.	1.9	76
620	Visible-light sensitisation of Tb(iii) luminescence using a blue-emitting Ir(iii) complex as energy-donor. Chemical Communications, 2011, 47, 2279-2281.	2.2	59
621	Study of the Luminescent and Magnetic Properties of a Series of Heterodinuclear [Zn^{II}Ln^{III}] Complexes. Inorganic Chemistry, 2011, 50, 5879-5889.	1.9	151
622	Novel Luminescent Three-Dimensional Heterometallic Complexes with 2-Fold Interpenetrating (3,6)-Connected Nets. Crystal Growth and Design, 2011, 11, 1705-1712.	1.4	95
623	Luminescent Terbium Contrast Agent for Bone Microdamage Detection. Australian Journal of Chemistry, 2011, 64, 600.	0.5	11
624	The structure and luminescence properties of europium(iii) triflate doped self-assembled pyromellitamide gels. New Journal of Chemistry, 2011, 35, 1466.	1.4	16
625	Two yttrium(III) coordination compounds containing a3-ptz or atza [a3-ptzâ€‰=â€‰5-[N-acetato(3-pyridyl)]tetrazole; atzaâ€‰=â€‰5-aminotetrazole-1-acetato]. Journal of Coordination Chemistry, 2011, 64, 431-439.	1.8	15
626	Preparation and luminescence of europium(iii) terpyridine complex-bridged polysilsesquioxanes. Journal of Materials Chemistry, 2011, 21, 18462.	6.7	42
627	Electrochemically controllable emission and coloration by using europium(iii) complex and viologen derivatives. Chemical Communications, 2011, 47, 10064.	2.2	65
628	Luminescent lanthanide complexes as analytical tools in anion sensing, pH indication and protein recognition. Analyst, The, 2011, 136, 431-435.	1.7	117
629	6-Phosphoryl Picolinic Acids as Europium and Terbium Sensitizers. Inorganic Chemistry, 2011, 50, 10082-10090.	1.9	32
630	Single-Molecule Magnet Behavior for an Antiferromagnetically Superexchange-Coupled Dinuclear Dysprosium(III) Complex. Journal of the American Chemical Society, 2011, 133, 5319-5328.	6.6	541
631	Systematic study of the formation of the lanthanoid cubane cluster motif mediated by steric modification of diketonate ligands. Dalton Transactions, 2011, 40, 12169.	1.6	28
632	Two- to One-Dimensional: Radii-Dependent Self-Assembly Crystal Structures and Luminescent Properties of Lanthanide Coordination Polymers with an Amide Type Semirigid Bridging Ligand. Crystal Growth and Design, 2011, 11, 4205-4212.	1.4	44

#	Article	IF	Citations
633	Lanthanide-Based Coordination Polymers Assembled from Derivatives of 3,5-Dihydroxy Benzoates: Syntheses, Crystal Structures, and Photophysical Properties. Inorganic Chemistry, 2011, 50, 4882-4891.	1.9	65
634	Photoluminescent and Magnetic Properties of a Series of Lanthanide Coordination Polymers with 1H-Tetrazolate-5-formic Acid. Crystal Growth and Design, 2011, 11, 372-381.	1.4	93
635	Noncovalent Ligand-to-Ligand Interactions Alter Sense of Optical Chirality in Luminescent Tris(Î²-diketonate) Lanthanide(III) Complexes Containing a Chiral Bis(oxazolinyl) Pyridine Ligand. Journal of the American Chemical Society, 2011, 133, 9892-9902.	6.6	165
636	Structure and Photoluminescence Tuning Features of Mn²⁺- and Ln³⁺-Activated Zn-Based Heterometalâ€“Organic Frameworks (MOFs) with a Single 5-Methylisophthalic Acid Ligand. Inorganic Chemistry, 2011, 50, 10163-10177.	1.9	70
637	Lanthanide Sensitization in IIâ^'VI Semiconductor Materials: A Case Study with Terbium(III) and Europium(III) in Zinc Sulfide Nanoparticles. Journal of Physical Chemistry A, 2011, 115, 4031-4041.	1.1	93
638	A Series of Lanthanide Secondary Building Units Based Metalâ^'Organic Frameworks Constructed by Organic Pyridine-2,6-Dicarboxylate and Inorganic Sulfate. Crystal Growth and Design, 2011, 11, 337-346.	1.4	90
639	Novel quadridentate salen type triple-decker sandwich ytterbium complexes with near infrared luminescence. CrystEngComm, 2011, 13, 36-39.	1.3	51
640	Investigation on structures, luminescent and magnetic properties of Ln^{III}â€“M (M =) Tj ETQq1 1 0.784314 rgBT /Overloc 805-819.	1.6	75
641	Synthesis, crystal structures, luminescent and magnetic properties of homodinuclear lanthanide complexes with a flexible tripodal carboxylate ligand. Dalton Transactions, 2011, 40, 2844.	1.6	31
642	Lanthanide radii controlled one-dimensional polymer and dinuclear complexes and their fluorescent properties. Dalton Transactions, 2011, 40, 3412.	1.6	30
643	Sensitized luminescence in dinuclear lanthanide(iii) complexes of bridging 8-hydroxyquinoline derivatives with different electronic properties. Dalton Transactions, 2011, 40, 5549.	1.6	44
644	Chain-like and dinuclear coordination polymers in lanthanide (Nd, Eu) oxochloride complexes with 2,2â€²:6â€²,2â€²â€²-terpyridine: synthesis, XRD structure and magnetic properties. Dalton Transactions, 2011, 40, 9136.	1.6	31
645	Preparation of hybrid mesoporous silica luminescent nanoparticles with lanthanide(iii) complexes and their exhibition of white emission. Dalton Transactions, 2011, 40, 9313.	1.6	21
646	New europium coordination polymers with efficient energy transfer from conjugated tetracarboxylate ligands to Eu3+ ion: syntheses, structures, luminescence and magnetic properties. Dalton Transactions, 2011, 40, 9490.	1.6	42
647	Synthesis and photophysical characterization of highly luminescent silica films doped with substituted 2-hydroxyphthalamide (IAM) terbium complexes. Dalton Transactions, 2011, 40, 11530.	1.6	12
648	Self-assembly between dicarboxylate ions and a binuclear europium complex: formation of stable adducts and heterometallic lanthanide complexes. Dalton Transactions, 2011, 40, 12063.	1.6	46
649	Color-Tunable Nanophosphors by Codoping Flame-Made Y₂O₃ with Tb and Eu. Journal of Physical Chemistry C, 2011, 115, 1084-1089.	1.5	81
650	Designing strategies for supramolecular luminescent complex of lanthanideâ€“heterometal assembly. Supramolecular Chemistry, 2011, 23, 160-168.	1.5	17

#	Article	IF	Citations
651	Speciation, Luminescence, and Alkaline Fluorescence Quenching of 4-(2-Methylbutyl)aminodipicolinic Acid (H2MEBADPA). Journal of Physical Chemistry A, 2011, 115, 7912-7920.	1.1	7
652	Lanthanide Luminescence. Springer Series on Fluorescence, 2011, , .	0.8	104
653	Luminescence Applied in Sensor Science. Topics in Current Chemistry, 2011, , .	4.0	9
654	Protein-Induced Long Lifetime Luminescence of Nonmetal Probes. ACS Chemical Biology, 2011, 6, 1052-1062.	1.6	43
655	Octadentate Cages of Tb(III) 2-Hydroxyisophthalamides: A New Standard for Luminescent Lanthanide Labels. Journal of the American Chemical Society, 2011, 133, 19900-19910.	6.6	198
656	Construction of 1-D 4f and 3dâ€“4f coordination polymers with flexible Schiff base ligands. Dalton Transactions, 2011, 40, 9795.	1.6	45
657	Conversion of Molecular Information by Luminescent Nanointerface Self-Assembled from Amphiphilic Tb(III) Complexes. Journal of the American Chemical Society, 2011, 133, 17370-17374.	6.6	76
659	A diabolo-shaped Dy9 cluster: synthesis, crystal structure and magnetic properties. Dalton Transactions, 2011, 40, 6440.	1.6	38
660	Luminescent lanthanide-based hybrid coatings deposited by atmospheric pressure plasma assisted chemical vapour deposition. Journal of Materials Chemistry, 2011, 21, 18959.	6.7	17
661	Terbium hybrid particles with spherical shape as luminescent probe for detection of Cu2+ and Fe3+ in water. Analytica Chimica Acta, 2011, 708, 111-115.	2.6	41
662	Conjugated Ligands Modulated Sandwich Structures and Luminescence Properties of Lanthanide Metalâ€“Organic Frameworks. Inorganic Chemistry, 2011, 50, 5242-5248.	1.9	114
663	Electrochemical spectroscopic investigations on the interaction of an ytterbium complex with DNA and their analytical applications such as biosensor. International Journal of Biological Macromolecules, 2011, 49, 1117-1123.	3.6	13
664	Wet chemical synthesis and sintering of rare earth phosphate ceramics (Y0.3Ce0.7PO4: Tb) and their green luminescence properties. Journal of Non-Crystalline Solids, 2011, 357, 1008-1012.	1.5	4
665	Reversible Luminescence Switching of a Redox-Active Ferroceneâ€“Europium Dyad. Journal of the American Chemical Society, 2011, 133, 11847-11849.	6.6	149
666	Acylpyrazolonate-based lanthanide complexes: Synthesis, crystal structures and photoluminescence properties. Synthetic Metals, 2011, 161, 1063-1067.	2.1	14
667	Synthesis, structure of 3D lanthanide (La(III), Pr(III)) nanoporous coordination polymers containing 1D channels as selective luminescent probes of Pb2+, Ca2+ and Cd2+ ions. Synthetic Metals, 2011, 161, 2230-2240.	2.1	21
668	Effect of substituent of Î²-diketones on the synergistic extraction of lanthanoids with linear polyether. Talanta, 2011, 84, 1047-1056.	2.9	10
669	Lanthanide Luminescent Coordination Polymer Constructed from Unsymmetrical Dinuclear Building Blocks Based on 4-((1H-Benzo[d]imidazol-1-yl)methyl)benzoic Acid. Crystal Growth and Design, 2011, 11, 857-864.	1.4	67

#	Article	IF	Citations
670	Effect of Lanthanide Contraction on Crystal Structures of Three-Dimensional Lanthanide Based Metalâ€“Organic Frameworks with Thiophene-2,5-Dicarboxylate and Oxalate. Crystal Growth and Design, 2011, 11, 2294-2301.	1.4	106
671	Synthesis and luminescence properties of new red-shifted absorption lanthanide(iii) chelates suitable for peptide and protein labelling. Organic and Biomolecular Chemistry, 2011, 9, 2357.	1.5	14
672	Novel bifunctional magnetic-near-infrared luminescent nanocomposites: near-infrared emission from Nd and Yb. Photochemical and Photobiological Sciences, 2011, 10, 548-553.	1.6	6
674	Cyclen-Based Lanthanide Complexes as Luminescent Anion Receptors. Current Inorganic Chemistry, 2011, 1, 36-60.	0.2	22
675	Lanthanide Complexes in FRET Applications. Current Inorganic Chemistry, 2011, 1, 17-35.	0.2	31
676	Luminescent Lanthanide Labels. Current Inorganic Chemistry, 2011, 1, 2-16.	0.2	22
677	One-dimensional red photoluminescence of (Y,Gd)BO₃ nanofibers doped with Eu³⁺. International Journal of Materials Research, 2011, 102, 331-334.	0.1	0
678	Synthesis and characterization of iridium polypyridyl complexes with ester groups with potential applications in covalent attachment to metal oxide surfaces. Journal of Coordination Chemistry, 2011, 64, 3366-3375.	0.8	4
679	Long-Lifetime Luminescent Nanobioprobes for Advanced Cytometry Biosensing. , 2011, , 333-362.		0
681	Novel Environmentally Benign Yellow Inorganic Pigments Based on Solid Solutions of Samarium-Transition Metal Mixed Oxides. Journal of the American Ceramic Society, 2011, 94, 997-1001.	1.9	41
682	Synthesis, crystal structure and photophysical properties of a neodymium trifluoroacetate complex with 2,2'-bipyridine. Journal of Rare Earths, 2011, 29, 193-197.	2.5	9
683	Structure and properties of terbium(III) dipivaloylmethanate and its adducts with Bipy and Phen. Journal of Structural Chemistry, 2011, 52, 560-567.	0.3	19
684	Structural determination of new eight-coordinate NH4[EuIII(Cydta)(H2O)2]Â·4.5H2O and K2[Eu 2 III (pdta)2(H2O)2]Â·6H2O complexes. Journal of Structural Chemistry, 2011, 52, 568-574.	0.3	11
685	Anion/Cation Induced Optical Switches Based on Luminescent Lanthanide (Tb³⁺ and) Tj ETQq1 1 0.784314 rgBT /Overlo	1.3	27
686	2-(3-Pyridyl)imidazole-4,5-dicarboxylic acid based lanthanide luminescent anion sensor. Solid State Sciences, 2011, 13, 1687-1691.	1.5	17
687	Synthesis and properties of copper (II), oxovanadium (IV) and gadolinium (III) complexes derived from polar Schiffâ€™s bases. Journal of Molecular Structure, 2011, 1002, 135-144.	1.8	4
688	Comparative study of nanoporous Lnâ€“Cu coordination polymers containing iminodiacetate as bridging ligand. Journal of Molecular Structure, 2011, 1004, 215-221.	1.8	12
689	Structural and spectroscopic studies of neodymium complexes with S(+)-mandelic acid. Journal of Molecular Structure, 2011, 1006, 672-677.	1.8	9

#	Article	IF	Citations
690	Synthesis and evaluation of the europiumIII and zincII complexes as luminescent bioprobes in high content cell-imaging analysis. Journal of Inorganic Biochemistry, 2011, 105, 1589-1595.	1.5	23
691	A comparative study of 1H NMR and sensitized visible light emission of an extended series of dinuclear lanthanide complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 224, 91-101.	2.0	20
692	Luminescent europium(III) complexes of tripodal heptadentate N7 ligands containing three imidazole groups. Polyhedron, 2011, 30, 2026-2031.	1.0	9
693	Rare earth (Eu3+, Tb3+) centered composite gels Siâ€“Oâ€“M (M=B, Ti) through hexafluoroacetyl-acetone building block: Solâ€“gel preparation, characterization and photoluminescence. Materials Research Bulletin, 2011, 46, 2515-2522.	2.7	9
694	Synthesis, structure and spectroscopic studies of europium complex with S(+)-mandelic acid. Journal of Rare Earths, 2011, 29, 1188-1191.	2.5	13
695	Two lanthanide-natrium pillared-layer frameworks constructed from 4,4â€²-oxybis(benzoic acid) and oxalate. Inorganic Chemistry Communication, 2011, 14, 1794-1797.	1.8	16
696	Near-infrared luminescent hybrid materials using modified functional lanthanide (Nd3+, Yb3+) porphyrins complexes chemical bonded with silica. Inorganic Chemistry Communication, 2011, 14, 1833-1837.	1.8	15
697	A new three-dimensional terbium-carboxylate framework possessing Tb2 and Tb4 clusters: Synthesis, structure, luminescent and magnetic properties. Inorganic Chemistry Communication, 2011, 14, 1915-1919.	1.8	10
698	NIR-emissive erbiumâ€“quinolinolate complexes. Coordination Chemistry Reviews, 2011, 255, 2514-2529.	9.5	107
699	Metal ion complexes of cyclam-cored dendrimers for molecular photonics. Coordination Chemistry Reviews, 2011, 255, 2458-2468.	9.5	33
700	Pseudocontact shifts in lanthanide complexes with variable crystal field parameters. Coordination Chemistry Reviews, 2011, 255, 2810-2820.	9.5	45
701	Luminescent multifunctional lanthanides-based metalâ€“organic frameworks. Chemical Society Reviews, 2011, 40, 926-940.	18.7	1,459
702	Tuning of the excitation wavelength from UV to visible region in Eu3+-Î²-diketonate complexes: Comparison of theoretical and experimental photophysical properties. Dalton Transactions, 2011, 40, 3257.	1.6	76
703	Thiophene Based Europium Î²-Diketonate Complexes: Effect of the Ligand Structure on the Emission Quantum Yield. Inorganic Chemistry, 2011, 50, 5417-5429.	1.9	146
704	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
705	Rapid and highly selective chromogenic detection of nerve agents with a cleft-shaped host. Analyst, The, 2011, 136, 5151.	1.7	37
706	The influence of triplet energy levels of bridging ligands on energy transfer processes in Ir(iii)/Eu(iii) dyads. Dalton Transactions, 2011, 40, 11410.	1.6	33
707	Excitation energy transfer in europium chelate with doxycycline in the presence of a second ligand in micellar solutions of nonionic surfactants. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	3

#	Article	IF	Citations
708	IR luminescence of neodymium(III) and ytterbium(III) ions in complexes with N-alkyl-substituted 2-aminobenzoic acids. Russian Journal of Inorganic Chemistry, 2011, 56, 262-266.	0.3	2
709	Erbium complexes with tetra-15-crown-5-phthalocyanine: Synthesis and spectroscopic study. Russian Journal of Inorganic Chemistry, 2011, 56, 1370-1379.	0.3	14
710	Luminescence of nematic lanthanide-containing mixtures. Russian Journal of Physical Chemistry A, 2011, 85, 1270-1273.	0.1	5
711	Significant FRET between SWNT/DNA and Rare Earth Ions: A Signature of Their Spatial Correlations. ACS Nano, 2011, 5, 6052-6059.	7.3	13
712	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.	0.5	38
713	Luminescence tuning of imidazole-based lanthanide(iii) complexes [Ln = Sm, Eu, Gd, Tb, Dy]. Dalton Transactions, 2011, 40, 2249.	1.6	38
714	The Correlation Between fâ€“f Absorption and Sensitized Visible Light Emission of Luminescent Pr(III) Complexes: Role of Solvents and Ancillary Ligands on Sensitivity. Journal of Fluorescence, 2011, 21, 673-686.	1.3	23
715	Recognition of H2PO 4 - and Cu2+ in Water by Luminescent Terbium Silica Xerogel. Journal of Fluorescence, 2011, 21, 1117-1122.	1.3	13
716	Luminescent organicâ€“inorganic hybrid materials based on lanthanide containing ionic liquids and sylilated Î²-diketone. Journal of Sol-Gel Science and Technology, 2011, 58, 711-715.	1.1	3
717	Design and evaluation of highly sensitive luminescent terbium sensor for hypochlorite in water. Journal of Sol-Gel Science and Technology, 2011, 60, 159-163.	1.1	12
718	Crystal structures and luminescent properties of lanthanide nitrate coordination polymers with structurally related amide type bridging podands. Journal of Solid State Chemistry, 2011, 184, 164-170.	1.4	12
719	Luminescent lanthanide complexes with 4-acetamidobenzoate: Synthesis, supramolecular assembly via hydrogen bonds, crystal structures and photoluminescence. Journal of Solid State Chemistry, 2011, 184, 1850-1857.	1.4	8
720	Synthesis, structure and luminescence of a new series of rigidâ€“flexible lanthanide coordination polymers constructed from benzene sulfonic acid and glutaric acid. Inorganica Chimica Acta, 2011, 365, 269-276.	1.2	14
721	Two Novel Isostructural 3D Lnâ€“Sr (Ln = Eu; Gd) Coordination Polymers Based on Oxalate Ligands with Unusual Topology: Synthesis, Crystal Structures, and Luminescence. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 578-582.	0.6	2
722	A Zigzagâ€Shaped Yb₄ Cluster Bridged by Pyridineâ€2,6â€dimethanol. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1234-1237.	0.6	3
723	Metal Complexes of Biologically Important Ligands, CLXXVI.[1] Formation of Peptides within the Coordination Sphere of Metal Ions and of Classical and Organometallic Complexes and Some Aspects of Prebiotic Chemistry. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1647-1672.	0.6	17
724	Two Lanthanideâ€Organic Frameworks Derived from 1Hâ€Benzimidazoleâ€5â€Carboxylic Acid and Oxalate Mixed Ligands: Synthesis, Structure and Luminescence Property. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2278-2281.	0.6	3
725	Selective Detection of Neurotoxin by Photoluminescent Peptide Nanotubes. Small, 2011, 7, 718-722.	5.2	35

#	Article	IF	Citations
726	Luminescent Polymeric Dispersions and Films Based on Oligonuclear Lanthanide Clusters. Macromolecular Chemistry and Physics, 2011, 212, 286-296.	1.1	34
727	Colorâ€Tunable Luminescent Materials Based on Functional Polysiloxane and Lanthanide Ions. Macromolecular Chemistry and Physics, 2011, 212, 1435-1442.	1.1	28
728	Multiluminescent Hybrid Organic/Inorganic Nanotubular Structures: Oneâ€Pot Fabrication of Tricolor (Blueâ€"Redâ€"Purple) Luminescent Parallepipedic Organic Superstructure Grafted with Europium Complexes. Advanced Functional Materials, 2011, 21, 667-673.	7.8	48
729	Ultrabright Euâ€"Doped Plasmonic Ag@SiO₂ Nanostructures: Timeâ€gated Bioprobes with Single Particle Sensitivity and Negligible Background. Advanced Materials, 2011, 23, 4649-4654.	11.1	63
731	Shapeâ€Persistent Macrocycles as Ligands and Sensitisers of Nd³⁺ Ions. European Journal of Inorganic Chemistry, 2011, 2011, 1479-1486.	1.0	5
732	Magnetic and Luminescent Properties of Sm, Eu, Tb, and Dy Coordination Polymers with 2â€Hydroxynicotinic Acid. European Journal of Inorganic Chemistry, 2011, 2011, 2387-2393.	1.0	50
733	Design and Synthesis of Nearâ€Infrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 4651-4674.	1.0	80
734	Chiral Lanthanoid Dimers Ligated by Carbohydrate-Based Diketonates: Catalytic and Luminescent Properties. European Journal of Inorganic Chemistry, 2011, 2011, n/a-n/a.	1.0	5
735	Brilliant Triboluminescence of a Lanthanide Coordination Polymer with Lowâ€Vibrationalâ€Frequency and Nonâ€Centrosymmetric Structural Networks. European Journal of Inorganic Chemistry, 2011, 2011, 4978-4984.	1.0	54
736	A Series of 3D Rareâ€Earthâ€Metalâ€"Organic Frameworks with Isolated Guest Keggin Silicotungstate Fragments as Anion Templates. European Journal of Inorganic Chemistry, 2011, 2011, 5397-5404.	1.0	17
737	Synthesis and Structural Analysis of Porphyrinâ€Based Polynucleating Ligands Bearing 8â€Methoxyâ€• and 8â€(Allyloxy)quinoline Units. European Journal of Organic Chemistry, 2011, 2011, 2531-2541.	1.2	7
738	Triple Emission from Organic/Inorganic Hybrid Nanovesicles in a Single Excitation. ChemPhysChem, 2011, 12, 2391-2396.	1.0	16
742	Variant Luminescence from an Organicâ€"Inorganic Hybrid Structure with an Isolated 4â€Ring Zinc Phosphate Tecton. Angewandte Chemie - International Edition, 2011, 50, 5319-5322.	7.2	41
743	Covalent Protein Labeling with a Lanthanide Complex and Its Application to Photoluminescence Lifetimeâ€Based Multicolor Bioimaging. Angewandte Chemie - International Edition, 2011, 50, 8750-8752.	7.2	58
744	Assembly of Nearâ€Infrared Luminescent Lanthanide Host(Hostâ€"Guest) Complexes With a Metallacrown Sandwich Motif. Angewandte Chemie - International Edition, 2011, 50, 9660-9664.	7.2	161
745	Luminescent properties of europium complexes with bis(diphenylphosphino)alkane dioxides. Luminescence, 2011, 26, 650-655.	1.5	18
746	Remarkable Luminescence Properties of Lanthanide Complexes with Asymmetric Dodecahedron Structures. Chemistry - A European Journal, 2011, 17, 521-528.	1.7	137
747	Lanthanideâ€Containing Photoluminescent Materials: From Hybrid Hydrogel to Inorganic Nanotubes. Chemistry - A European Journal, 2011, 17, 5180-5187.	1.7	92

#	Article	IF	Citations
748	Thermodynamics, Structure and Properties of Polynuclear Lanthanide Complexes with a Tripodal Ligand: Insight into their Selfâ€Assembly. Chemistry - A European Journal, 2011, 17, 6753-6764.	1.7	35
749	A New Coordination Polymer Exhibiting Unique 2D Hydrogenâ€Bonded (H₂O)₁₆ Ring Formation and Waterâ€Dependent Luminescence Properties. Chemistry - A European Journal, 2011, 17, 9232-9241.	1.7	35
750	Lanthanide Ion Extraction by Trifluoromethylâ€1,3â€diketonateâ€Functionalised Ionic Liquids Adsorbed on Silica. Chemistry - A European Journal, 2011, 17, 9113-9122.	1.7	24
751	Towards Libraries of Luminescent Lanthanide Complexes and Labels from Generic Synthons. Chemistry - A European Journal, 2011, 17, 9164-9179.	1.7	54
752	Lanthanideâ€Doped Multicolor GdF₃ Nanocrystals for Timeâ€Resolved Photoluminescent Biodetection. Chemistry - A European Journal, 2011, 17, 8549-8554.	1.7	106
753	Isostructural Metalâ€“Anion Radical Coordination Polymers with Tunable Phosphorescent Colors (Deep Blue, Blue, Yellow, and White) Induced by Terminal Anions and Metal Cations. Chemistry - A European Journal, 2011, 17, 12495-12501.	1.7	22
754	Anion-induced near-infrared (NIR) luminescent Zn2Nd and ZnNd complexes based on the pure Salen-type Schiff-base ligand. Inorganic Chemistry Communication, 2011, 14, 75-78.	1.8	24
755	Adjustment of coordination environment of Ln3+ ions to modulate near-infrared luminescent properties of Ln3+ complexes. Inorganic Chemistry Communication, 2011, 14, 200-204.	1.8	15
756	Two novel 2D organicâ€“inorganic hybrid lacunary Keggin phosphotungstate 3dâ€“4f heterometallic derivatives: [Cu(en)2]2H6[Ce(Î±-PW11O39)2]Â·8H2O and [Cu(dap)2(H2O)][Cu(dap)2]4.5[Dy(Î±-PW11O39)2]Â·4H2O. Inorganic Chemistry Communication, 2011, 14, 324-329.	1.8	50
757	Photophysical studies of novel lanthanide (Eu3+ and Tb3+) luminescent hydrogels. Inorganic Chemistry Communication, 2011, 14, 515-518.	1.8	16
758	A new sensor based on luminescent terbiumâ€“organic framework for detection of Fe3+ in water. Inorganic Chemistry Communication, 2011, 14, 937-939.	1.8	29
759	Microwave-assisted synthesis of a neodymium trichloride complex with phenanthroline containing infinite chains, NdCl3(H2O)(phen). Inorganic Chemistry Communication, 2011, 14, 1525-1527.	1.8	9
760	Energy transfer from benzoic acid to lanthanide ions in benzoic acid-functionalized lanthanide-doped CaF2 nanoparticles. Applied Surface Science, 2011, 257, 7145-7149.	3.1	34
761	Synthesis, characterization and emission properties of yttrium(III) and europium(III) complexes of a tripodal heptadentate Schiff-base ligand N[CH2CH2NCH(2-OH-3-MeC6H3)]3. Inorganica Chimica Acta, 2011, 367, 225-229.	1.2	22
762	Enhanced near-infrared luminescence in Y2O3:Yb nanocrystals by codoping with Li+ ion. Optics Communications, 2011, 284, 249-251.	1.0	8
763	Synthesis of siloxane-based PAMAM dendrimers and luminescent properties of their lanthanide complexes. Journal of Organometallic Chemistry, 2011, 696, 544-550.	0.8	29
764	Structure and sensitized near-infrared luminescence of Yb(III) complexes with sulfonylamidophosphate type ligand. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 1-9.	2.0	34
765	Spectroscopic study of intramolecular energy transfer in a phosphine oxide Eu3+ complex: A stepwise process induced by intermediate energy levels. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 213-218.	2.0	24

#	Article	IF	Citations
766	Photophysical properties of a series of high luminescent europium complexes with fluorinated ligands. Journal of Luminescence, 2011, 131, 328-335.	1.5	29
767	Effect of varying lanthanide local coordination sphere on luminescence properties illustrated by selected inorganic and organic rare earth complexes synthesized in solâ€“gel host glasses. Journal of Luminescence, 2011, 131, 1795-1801.	1.5	27
768	Syntheses, structures and photophysical properties of heteronuclear Znâ€“Ln coordination complexes. Journal of Luminescence, 2011, 131, 1707-1713.	1.5	17
769	NIR-luminescence from ternary lanthanide [HoIII, PrIII and TmIII] complexes with 1-(2-naphthyl)-4,4,4-trifluoro-1,3-butanedionate. Journal of Luminescence, 2011, 131, 1857-1863.	1.5	45
770	Silica nanoparticles with a substrate switchable luminescence. Journal of Physics: Conference Series, 2011, 291, 012038.	0.3	5
771	Background-free Cytometry Using Rare Earth Complex Bioprobes. Methods in Cell Biology, 2011, 102, 479-513.	0.5	11
772	Modulation of the Physicochemical Properties of Heteropolynuclear Assemblies Containing Lanthanide Ions and 2,2â€²â€oxydiacetate. Macromolecular Symposia, 2011, 304, 72-79.	0.4	3
773	Plasmonic Ag/SiO 2 composite nanoparticles doped with europium chelate and their metal enhanced fluorescence. Proceedings of SPIE, 2011, , .	0.8	2
774	Synthesis, Photoluminescence and Energy Transfer of Two Novel Tb(III) Ternary Complexes. Advanced Materials Research, 0, 216, 502-505.	0.3	1
775	Luminescent multifunctional biocellulose membranes. Proceedings of SPIE, 2011, , .	0.8	5
776	Power-dependent upconversion luminescence intensity in NaYF 4 ,Yb 3+ ,Er 3+ nanoparticles. Europhysics Letters, 2011, 96, 18001.	0.7	14
777	Effects of Hydrolyses on Lanthanide Inorganic-Organic Luminescent Materials. Advanced Materials Research, 2011, 399-401, 1143-1146.	0.3	0
778	Bis(2-{2-[2-(benzylcarbamoyl)phenoxy]acetamido}ethyl)ammonium nitrate ethanol disolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o203-o204.	0.2	1
779	Poly[[tetra-Î¼3-acetato-hexa-Î¼2-acetatodiaqua-Î¼2-oxalato-tetralanthanum(III)] dihydrate]. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1436-m1437.	0.2	3
780	The stabilities and formation kinetics of some macrocycles with copper(II): crystal structures of some pendant arm macrocycles. Journal of Coordination Chemistry, 2011, 64, 1469-1480.	0.8	4
781	Lanthanide directed self-assembly synthesis and photophysical evaluation of chiral Eu(iii) luminescent â€œhalf-helicatesâ€• Dalton Transactions, 2011, 40, 12056.	1.6	38
782	Study on Novel Structure of Gadolinium Complex: Gd (C₃) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 Td (H<su	0.3	0
783	Facile Synthesis of LnPO₄: Tb (Ln = Ce, Gd) Green Emission Phosphors at Specific Temperature (80 or 680Â°Ð¡). Advanced Materials Research, 0, 442, 3-7.	0.3	0

#	Article	IF	Citations
784	Quantitative interpretation of the very fast electronic relaxation of most Ln3+ ions in dissolved complexes. Journal of Chemical Physics, 2012, 136, 074513.	1.2	14
785	Lanthanide-Doped Inorganic Nanocrystals as Luminescent Biolabels. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 580-594.	0.6	25
786	Model-free nuclear magnetic resonance study of intermolecular free energy landscapes in liquids with paramagnetic Ln3+ spotlights: Theory and application to Arg-Gly-Asp. Journal of Chemical Physics, 2012, 136, 044504.	1.2	6
788	The structure of cubic MOF [{Ca(H₂O)₆}{CaGd(oxydiacetate)₃}₂].4H₂O. A comparison between structural models obtained from Rietveld refinement of conventional and synchrotron X-ray powder diffraction data and standard refinement of single-crystal X-ray diffraction data. Powder Diffraction, 2012, 27, 232-242.	0.4	6
789	Near-Field Optics of SWNTs and FRET in their Nanoscale Complexes. World Scientific Series on Carbon Nanoscience, 2012, , 287-319.	0.1	0
791	Lanthanide homometallic and dâ€“f heterometallic MOFs from the same tripodal ligand: structural comparison, one photon (OP) vs. two photon (TP) luminescence and selective guest adsorption behavior. Journal of Materials Chemistry, 2012, 22, 9846.	6.7	65
792	A highly selective chemosensor for mercury(II) cations based on cyclometalated iridium(III) complex. Inorganica Chimica Acta, 2012, 391, 15-19.	1.2	11
793	[Ln(BH₄)₂(THF)₂] (Ln = Eu, Yb)â€”A Highly Luminescent Material. Synthesis, Properties, Reactivity, and NMR Studies. Journal of the American Chemical Society, 2012, 134, 16983-16986.	6.6	97
794	Mixed lanthanide succinateâ€“sulfate 3D MOFs: catalysts in nitroaromatic reduction reactions and emitting materials. Journal of Materials Chemistry, 2012, 22, 1191-1198.	6.7	61
795	Synthesis, Crystal Structures, and Dual Donor Luminescence Sensitization in Novel Terbium Tetracyanoplatinates. Inorganic Chemistry, 2012, 51, 12230-12241.	1.9	40
796	Lanthanide Coordination Polymers with Tetrafluoroterephthalate as a Bridging Ligand: Thermal and Optical Properties. Inorganic Chemistry, 2012, 51, 4679-4688.	1.9	72
797	The Mutual Separation of Rare Earth Elements Utilizing the Reaction of Corresponding Complexes Coordinated by Tris(2-aminoethyl)amine with 3-Ethoxysalicylaldehyde. Waste and Biomass Valorization, 2012, 3, 451-458.	1.8	1
798	One-dimensional luminescent materials derived from the electrospinning process: preparation, characteristics and application. Journal of Materials Chemistry, 2012, 22, 5254.	6.7	104
800	Luminescent lanthanide-binding peptides: sensitising the excited states of Eu(<scp>iii</scp>) and Tb(<scp>iii</scp>) with a 1,8-naphthalimide-based antenna. Organic and Biomolecular Chemistry, 2012, 10, 126-133.	1.5	21
801	Syntheses and spectroscopic studies of volatile low symmetry lanthanide(III) complexes with monodentate 1H-indazole and fluorinated Î²-diketone. Journal of Coordination Chemistry, 2012, 65, 3932-3948.	0.8	28
802	Structural and Luminescence Properties of Silica-Based Hybrids Containing New Silylated-Diketonato Europium(III) Complex. Journal of Physical Chemistry C, 2012, 116, 505-515.	1.5	66
803	Novel 1-D double-chain organicâ€“inorganic hybrid polyoxotungstates constructed from dimeric copperâ€“lanthanide heterometallic silicotungstate units. CrystEngComm, 2012, 14, 7981.	1.3	38
804	Visible and NIR Photoluminescence Properties of a Series of Novel Lanthanideâ€“Organic Coordination Polymers Based on Hydroxyquinolineâ€“Carboxylate Ligands. Inorganic Chemistry, 2012, 51, 13128-13137.	1.9	78

#	Article	IF	Citations
805	Highly luminescent bis-diketone lanthanide complexes with triple-stranded dinuclear structure. Dalton Transactions, 2012, 41, 900-907.	1.6	110
806	Highly luminescent europium and terbium complexes based on succinimide and N-hydroxysuccinimide. Journal of Rare Earths, 2012, 30, 401-407.	2.5	17
807	In situ hydrothermal synthesis of dysprosium(iii) single-molecule magnet with lanthanide salt as catalyst. Dalton Transactions, 2012, 41, 5816.	1.6	55
808	Lanthanide(III) Complexes of Bisâ€semicarbazone and Bisâ€imineâ€Substituted Phenanthroline Ligands: Solidâ€State Structures, Photophysical Properties, and Anion Sensing. Chemistry - A European Journal, 2012, 18, 16784-16792.	1.7	49
809	Salen Type Sandwich Triple-Decker Tri- and Di-nuclear Lanthanide Complexes. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1174-1181.	1.9	23
810	Luminescent thin films and nanoparticles of europium doped hybrids based on organosilyl Î²-diketonate. Journal of Sol-Gel Science and Technology, 2012, 64, 404-410.	1.1	10
811	The effect of the lanthanide contraction on coordination with the polyazine bridging ligand 2,3-bis(2-pyridyl)pyrazine (dpp). Inorganic Chemistry Communication, 2012, 24, 29-31.	1.8	6
812	Photo-luminescent hetero-trinuclear Zn2Ln (Ln = Nd, Yb, Er or Gd) complexes based on the binuclear Zn2L precursor. Inorganic Chemistry Communication, 2012, 24, 148-152.	1.8	17
813	Luminescent behavior and energy transfer in homometallic Eu and ion associating Euâ€“Zn complexes with a pentadentate ligand. Inorganic Chemistry Communication, 2012, 25, 48-50.	1.8	13
814	Anion-Induced Self-Assembly of Luminescent and Magnetic Homoleptic Cyclic Tetranuclear Ln₄(Salen)₄ and Ln₄(Salen)₂ Complexes (Ln = Nd, Yb,) Tj ETQq1 1 0.784314 rgB	1.1	63
815	Metal induced folding: synthesis and conformational analysis of the lanthanide complexes of two 44-membered hydrazone macrocycles. Dalton Transactions, 2012, 41, 3780.	1.6	19
816	Synthesis, crystal structure and luminescence properties of lanthanide complexes with a new semirigid bridging furfurylsalicylamide ligand. Inorganica Chimica Acta, 2012, 391, 171-178.	1.2	32
817	Enhanced quantum efficiency for Dy3+ Emissions in water dispersible PbF2 nanocrystals. RSC Advances, 2012, 2, 8269.	1.7	29
818	A novel method to determine ciprofloxacin by enhanced electrochemiluminescence of Tb(bpy)23+â€“K2S2O8 system in aqueous solution. Analytical Methods, 2012, 4, 2355.	1.3	11
819	Circular dichroism and circularly polarized luminescence triggered by self-assembly of tris(phenylisoxazolyl)benzenes possessing a perylenebisimide moiety. Chemical Communications, 2012, 48, 6025.	2.2	102
820	Lanthanide-binding peptides with two pendant aminodiacetate arms: Impact of the sequence on chelation. Dalton Transactions, 2012, 41, 3239.	1.6	9
821	â€œONâ€“OFFâ€•switching of europium complex luminescence coupled with a ligand redox process. Chemical Communications, 2012, 48, 4082.	2.2	46
822	A bifunctional luminescent single-ion magnet: towards correlation between luminescence studies and magnetic slow relaxation processes. Chemical Communications, 2012, 48, 9974.	2.2	171

#	Article	IF	Citations
823	A small-molecular europium complex with anion sensing sensitivity. Dalton Transactions, 2012, 41, 12936.	1.6	19
824	Detection of phosphorylation states by intermolecular sensitization of lanthanideâ€“peptide conjugates. Chemical Communications, 2012, 48, 9534.	2.2	21
825	A vapoluminescent Eu-based metallo-supramolecular polymer. Chemical Communications, 2012, 48, 4947.	2.2	89
826	Photoacoustic Study on the Co-luminescence Effect of Lanthanide Complexes with Aromatic Acid in Silica Gels. International Journal of Thermophysics, 2012, 33, 2041-2045.	1.0	0
827	Chiroptical Study of Chiral Discrimination by Amino Acid Based Ionic Liquids. Journal of Physical Chemistry B, 2012, 116, 4952-4958.	1.2	23
828	Tunable Luminescence of Sr₂CeO₄:M²⁺ (M = Ca, Mg, Ba, Zn) and Sr₂CeO₄:Ln³⁺ (Ln = Eu, Dy, Tm) Nanophosphors. Journal of Physical Chemistry C, 2012, 116, 3219-3226.	1.5	74
829	Green, Silica-Coated Monoclinic Y₂O₃:Tb³⁺ Nanophosphors: Flame Synthesis and Characterization. Journal of Physical Chemistry C, 2012, 116, 4493-4499.	1.5	67
830	Volatilities of Actinide and Lanthanide N,N-Dimethylaminodiboranate Chemical Vapor Deposition Precursors: A DFT Study. Journal of Physical Chemistry C, 2012, 116, 23194-23200.	1.5	19
832	Lanthanide modified semiconductor photocatalysts. Catalysis Science and Technology, 2012, 2, 683.	2.1	162
833	Heptanuclear Heterometallic [Cu₆Ln] Clusters: Trapping Lanthanides into Copper Cages with Artificial Amino Acids. Inorganic Chemistry, 2012, 51, 5911-5918.	1.9	46
834	A New Incorporation Mechanism for Trivalent Actinides into Bioapatite: A TRLFS and EXAFS Study. Langmuir, 2012, 28, 3845-3851.	1.6	21
835	Two Unusual Chiral Lanthanideâ€“Sulfate Frameworks with Helical Tubes and Channels Constructed from Interweaving Two Double-Helical Chains. Crystal Growth and Design, 2012, 12, 2567-2571.	1.4	26
836	Femtomolar Ln(III) Affinity in Peptide-Based Ligands Containing Unnatural Chelating Amino Acids. Inorganic Chemistry, 2012, 51, 5458-5464.	1.9	18
837	Lanthanide N,N-Dimethylaminodiboranates as a New Class of Highly Volatile Chemical Vapor Deposition Precursors. Inorganic Chemistry, 2012, 51, 7050-7065.	1.9	39
838	Highly luminescent lanthanide complexes with novel bis-Î²-diketone ligand: Synthesis, characterization and photoluminescent properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 197-201.	2.0	31
839	Micelle enhanced and terbium sensitized spectrofluorimetric determination of danofloxacin in milk using molecularly imprinted solid phase extraction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 790-795.	2.0	26
840	Three novel 2D organicâ€“inorganic hybrid CuIIâ€“LnIII heterometallic arsenotungstates. Synthetic Metals, 2012, 162, 1030-1036.	2.1	12
841	Two novel europium (III) centered anion receptors and their naked eye detections. Synthetic Metals, 2012, 162, 1416-1420.	2.1	8

#	Article	IF	Citations
842	Two mono- and dinuclear Eu(iii) enantiomeric pairs based on chiral bis-bidentate bridging ligands: synthesis, structures, luminescent and ferroelectric properties. Dalton Transactions, 2012, 41, 11829.	1.6	32
843	Structure and photoluminescent properties of lanthanide coordination polymers based on two isomers of iminodiacetic acid substituted isophthalate and terephthalate ligands. CrystEngComm, 2012, 14, 6055.	1.3	16
844	Tb3+â†'Eu3+ Energy Transfer in Mixed-Lanthanide-Organic Frameworks. Journal of Physical Chemistry C, 2012, 116, 19951-19957.	1.5	94
845	Instantaneous gelation of a new copper(ii) metallogel amenable to encapsulation of a luminescent lanthanide cluster. Chemical Communications, 2012, 48, 4830.	2.2	41
846	New Class of Tetradentate Î²-Diketonate-Europium Complexes That Can Be Covalently Bound to Proteins for Time-Gated Fluorometric Application. Bioconjugate Chemistry, 2012, 23, 1244-1251.	1.8	39
847	Employment of a New Tripodal Ligand for the Synthesis of Cobalt(II/III), Nickel(II), and Copper(II) Clusters: Magnetic, Optical, and Thermal Properties. Inorganic Chemistry, 2012, 51, 10461-10470.	1.9	31
848	A Water-Soluble Pybox Derivative and Its Highly Luminescent Lanthanide Ion Complexes. Journal of the American Chemical Society, 2012, 134, 6987-6994.	6.6	176
849	Novel Solâ€"Gel Precursors for Thin Mesoporous Eu3+-Doped Silica Coatings as Efficient Luminescent Materials.. Chemistry of Materials, 2012, 24, 3674-3683.	3.2	21
850	Reactive chemical vapour deposition (RCVD) of non-volatile terbium aromatic carboxylate thin films. Journal of Materials Chemistry, 2012, 22, 4897.	6.7	14
851	Nematogenic tetracatenar lanthanidomesogens. Dalton Transactions, 2012, 41, 13271.	1.6	8
852	Controlled syntheses, structures and photoluminescence of two europium coordination polymers based on 2,4-dcp (2,4-dichlorophenoxyacetate) and 4,4â€²-bpy (4,4â€²-bipyridine) ligands. Journal of Molecular Structure, 2012, 1021, 179-186.	1.8	10
853	Synthesis and characterization of lanthanide(III) complexes with a mesogenic Schiff-base, N,Nâ€²-di-(4-decyloxysalicylidene)-2â€²,6â€²-diaminopyridine. Materials Science and Engineering C, 2012, 32, 1906-1911.	3.8	9
854	Hydrothermal synthesis, crystal structure and luminescence of two new 2D coordination polymers [Ln(IN)(CO3)(H2O)] (LnLa, Eu) constructed by interesting flat lanthanide carbonate layers. Inorganic Chemistry Communication, 2012, 21, 80-83.	1.8	15
855	Synthesis, crystal structure and photoluminescent properties of two lanthanide coordination polymers with the rigid ligand of 5â€²-carboxyl-[1,1â€²:3â€²,1â€³-terphenyl]-4,4â€³-dicarboxylic acid. Inorganic Chemistry Communication, 2012, 21, 118-121.	1.8	3
856	Hetero-binuclear near-infrared (NIR) luminescent ZnLn (Ln = Nd, Yb or Er) complexes self-assembled from the benzimidazole-based ligand. Inorganic Chemistry Communication, 2012, 22, 126-130.	1.8	5
857	A novel praseodymium coordination polymer with Pcu topology: Crystal structure, thermal decomposition, luminescence and magnetic properties. Inorganic Chemistry Communication, 2012, 22, 131-136.	1.8	22
858	Synthesis, crystal structure, luminescent property and antibacterial activity of lanthanide ternary complexes with 2,4,6-tri(2-pyridyl)-s-triazine. Journal of Organometallic Chemistry, 2012, 716, 167-174.	0.8	42
859	Eu(III) complex-doped PMMA having fast radiation rate and high emission quantum efficiency. Chinese Chemical Letters, 2012, 23, 945-948.	4.8	14

#	Article	IF	Citations
860	Porphyrin lanthanide complexes for NIR emission. Coordination Chemistry Reviews, 2012, 256, 1468-1478.	9.5	93
861	Charge transfer excited states sensitization of lanthanide emitting from the visible to the near-infra-red. Coordination Chemistry Reviews, 2012, 256, 1604-1620.	9.5	254
862	Luminescent lanthanide-containing metallopolymers. Coordination Chemistry Reviews, 2012, 256, 1520-1530.	9.5	134
863	Recent progress in photofunctional lanthanide hybrid materials. RSC Advances, 2012, 2, 9304.	1.7	194
864	Atomic Layer Deposition of Gd₂O₃ and Dy₂O₃: A Study of the ALD Characteristics and Structural and Electrical Properties. Chemistry of Materials, 2012, 24, 651-658.	3.2	47
866	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
867	Electroswitching of Emission and Coloration with Quick Response and High Reversibility in an Electrochemical Cell. Chemistry - an Asian Journal, 2012, 7, 2551-2554.	1.7	36
868	Mixed Rareâ€Earth Complexes of Eu(III) and Y(III) with Pyridineâ€2,4,6â€tricarboxylic Acid and Their Photoluminescent Properties. Chinese Journal of Chemistry, 2012, 30, 2097-2102.	2.6	3
869	Self-assembly of highly luminescent lanthanide complexes promoted by pyridine-tetrazolate ligands. Dalton Transactions, 2012, 41, 1268-1277.	1.6	62
870	Fixation of carbon dioxide by macrocyclic lanthanide(iii) complexes under neutral conditions producing self-assembled trimeric carbonato-bridged compounds with Î¼3-Î·2:Î·2:Î·2 bonding. Dalton Transactions, 2012, 41, 3414.	1.6	37
871	A family of three-dimensional 3dâ€“4f and 4dâ€“4f heterometallic coordination polymers based on mixed isonicotinate and 2-sulfobenzoate ligands: syntheses, structures and photoluminescent properties. Dalton Transactions, 2012, 41, 6195.	1.6	33
872	Heterobimetallic lanthanideâ€“gold coordination polymers: structure and emissive properties of isomorphous [nBu4N]2[Ln(NO3)4Au(CN)2] 1-D chains. Dalton Transactions, 2012, 41, 6992.	1.6	23
873	Functionalisation of lanthanide complexes via microwave-enhanced Cu(i)-catalysed azideâ€“alkyne cycloaddition. Dalton Transactions, 2012, 41, 7660.	1.6	24
874	Magnetic nanoparticles modified with DTPA-AMC-rare earth for fluorescent and magnetic resonance dual mode imaging. Dalton Transactions, 2012, 41, 8723.	1.6	24
875	Water-soluble, luminescent iridium(iii)â€“ytterbium(iii) complexes using dipyrido[3,2-a:2â€²,3â€²-c]phenazine derivatives as bridging units. Dalton Transactions, 2012, 41, 10372.	1.6	27
876	Structures and properties of lanthanide metalâ€“organic frameworks based on a 1,2,3-triazole-containing tetracarboxylate ligand. Dalton Transactions, 2012, 41, 12790.	1.6	50
877	Silica solâ€“gel glasses incorporating dual-luminescent Yb quinolinolato complex: processing, emission and photosensitising properties of the â€˜antennaâ€™ ligand. Dalton Transactions, 2012, 41, 13147.	1.6	10
878	Near-infrared (NIR) luminescent homoleptic lanthanide Salen complexes Ln4(Salen)4 (Ln = Nd, Yb or) Tj ETQq1 1 0.784314 rgBT /Over	1.3	49

#	Article	IF	Citations
879	Four types of 1D or 2D organicâ€“inorganic hybrids assembled by arsenotungstates and Cuâ€“LnIII/IV heterometals. CrystEngComm, 2012, 14, 3108.	1.3	58
880	The novel upconversion properties of LiYbF4:Er microcrystals compared to the Na counterpart. CrystEngComm, 2012, 14, 8357.	1.3	26
881	From Two-Dimensional Double Decker Architecture to Three-DimensionalpcuFramework with One-Dimensional Tube: Syntheses, Structures, Luminescence, and Magnetic Studies. Crystal Growth and Design, 2012, 12, 927-938.	1.4	103
882	Hydrothermal syntheses, structural characterization, and photoluminescent properties of five lanthanide coordination polymers. Journal of Coordination Chemistry, 2012, 65, 4185-4193.	0.8	6
883	Dinuclear rare-earth picrate complexes based on a multidentate amide ligand: syntheses, crystal structures, and luminescence properties. Journal of Coordination Chemistry, 2012, 65, 4041-4053.	0.8	0
884	Monodisperse Fluorescent Organic/Inorganic Composite Nanoparticles: Tuning Full Color Spectrum. Chemistry of Materials, 2012, 24, 3415-3419.	3.2	52
885	Synthesis of Chlorin-Sensitized Near Infrared-Emitting Lanthanide Complexes. Inorganic Chemistry, 2012, 51, 10366-10374.	1.9	30
886	Building large supramolecular nanocapsules with europium cations. Chemical Communications, 2012, 48, 1281-1283.	2.2	55
887	Caging Peroxide: Anion-Templated Synthesis and Characterization of a Rare-Earth Cluster. Inorganic Chemistry, 2012, 51, 8661-8663.	1.9	20
888	Near-infrared luminescence of periodic mesoporous organosilicas grafted with lanthanide complexes based on visible-light sensitization. Journal of Materials Chemistry, 2012, 22, 5121.	6.7	61
889	Electrodeposition of luminescent composite metal coatings containing rare-earth phosphor particles. Journal of Materials Chemistry, 2012, 22, 5514.	6.7	29
890	Tunable emission based on lanthanide(iii) metalâ€“organic frameworks: an alternative approach to white light. Journal of Materials Chemistry, 2012, 22, 8868.	6.7	158
891	Chiral Sensing Using an Achiral Europium(III) Complex by Induced Circularly Polarized Luminescence. Inorganic Chemistry, 2012, 51, 4094-4098.	1.9	64
892	Lanthanides in molecular magnetism: so fascinating, so challenging. Dalton Transactions, 2012, 41, 13556.	1.6	364
893	A new class of solvatochromic material: Geometrically unsaturated Ni (II) complexes. Dyes and Pigments, 2012, 95, 563-571.	2.0	12
894	Structural and spectroscopic studies of lanthanide complexes with S(+)-mandelic acid. Optical Materials, 2012, 34, 2061-2065.	1.7	4
895	Hetero-binuclear near-infrared (NIR) luminescent Znâ€“Nd complexes self-assembled from the benzimidazole-based ligands. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 359-366.	2.0	12
897	A transparent, flexible, ion conductive, and luminescent PMMA ionogel based on a Pt/Eu bimetallic complex and the ionic liquid [Bmim][N(Tf)2]. Journal of Materials Chemistry, 2012, 22, 8110.	6.7	54

#	Article	IF	Citations
898	Synthesis, Crystal Structures, and Luminescence Properties of Carboxylate Based Rare-Earth Coordination Polymers. Inorganic Chemistry, 2012, 51, 11623-11634.	1.9	177
899	Synthesis and luminescence study of a highly volatile Sm(III) complex. Inorganica Chimica Acta, 2012, 392, 446-453.	1.2	46
900	Homochiral lanthanoid(iii) mesoxalate metalâ€“organic frameworks: synthesis, crystal growth, chirality, magnetic and luminescent properties. CrystEngComm, 2012, 14, 2635.	1.3	76
901	Lanthanide-Thiophene-2,5-dicarboxylate Frameworks: Ionothermal Synthesis, Helical Structures, Photoluminescent Properties, and Single-Crystal-to-Single-Crystal Guest Exchange. Inorganic Chemistry, 2012, 51, 523-530.	1.9	112
902	Metalâ€“Organic Frameworks with Phosphotungstate Incorporated for Hydrolytic Cleavage of a DNA-Model Phosphodiester. Inorganic Chemistry, 2012, 51, 5118-5127.	1.9	49
903	Series of Metal Organic Frameworks Assembled from Ln(III), Na(I), and Chiral Flexible-Achiral Rigid Dicarboxylates Exhibiting Tunable UVâ€“visâ€“IR Light Emission. Inorganic Chemistry, 2012, 51, 1703-1716.	1.9	63
904	Nano-Biotechnology for Biomedical and Diagnostic Research. Advances in Experimental Medicine and Biology, 2012, , .	0.8	5
905	A novel â€œpro-sensitizerâ€•based sensing of enzymes using Tb(iii) luminescence in a hydrogel matrix. Chemical Communications, 2012, 48, 4624.	2.2	51
906	Co-luminescence of ions and molecules in nanoparticles of metal complexes. Russian Chemical Reviews, 2012, 81, 769-789.	2.5	23
907	Semiconductor Quantum Dots as FRET Acceptors for Multiplexed Diagnostics and Molecular Ruler Application. Advances in Experimental Medicine and Biology, 2012, 733, 75-86.	0.8	15
908	A novel 2D oxalate- and dissymmetrical oxamidato-bridged heterometallic CuIIâ€“GdIII complex: Synthesis, crystal structure and magnetic properties. Inorganica Chimica Acta, 2012, 392, 1-4.	1.2	3
909	Synthesis and electrochemical investigations on certain pyrazolin-5-ones. Scientia Iranica, 2012, 19, 605-618.	0.3	5
910	Lanthanide Labeling of a Potent Protease Activated Receptor-2 Agonist for Time-Resolved Fluorescence Analysis. Bioconjugate Chemistry, 2012, 23, 2098-2104.	1.8	15
911	Metal-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence of a Chiral Heptanuclear Europium Wheel. Journal of the American Chemical Society, 2012, 134, 8372-8375.	6.6	111
912	Sensitization of Lanthanoid Luminescence by Organic and Inorganic Ligands in Lanthanoid-Organic-Polyoxometalates. Inorganic Chemistry, 2012, 51, 1142-1151.	1.9	128
913	Solâ€“gel emulsion synthesis of biphotonic coreâ€“shell nanoparticles based on lanthanide doped organicâ€“inorganic hybrid materials. Journal of Materials Chemistry, 2012, 22, 6117.	6.7	16
914	Lanthanide Modification of CdSe/ZnS Core/Shell Quantum Dots. Journal of Physical Chemistry C, 2012, 116, 23713-23720.	1.5	25
915	Synthesis and photoluminescent properties of four novel trinuclear europium complexes based on two tris-Î²-diketones ligands. Dyes and Pigments, 2012, 92, 696-704.	2.0	68

#	Article	IF	Citations
916	Expanding the Series of [RE₂Ca(OQ)₈] Structures: New Heterobimetallic Rare Earth/Alkaline Earth 8â€Quinolinolate Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 2001-2007.	0.6	9
917	From a Tb3+ chelated compound to a hybrid material: selective emission responses to anions. Chemical Papers, 2012, 66, .	1.0	1
918	Lanthanide complexes assembled from two flexible amide-type tripodal ligands: terminal groups effect on photoluminescence behavior. Dalton Transactions, 2012, 41, 3431.	1.6	17
919	Luminescent terbium(iii) complex-based titania sensing material for fluoride and its photocatalytic properties. Photochemical and Photobiological Sciences, 2012, 11, 738.	1.6	10
920	Ionothermal syntheses, crystal structures and properties of three-dimensional rare earth metalâ€“organic frameworks with 1,4-naphthalenedicarboxylic acid. Dalton Transactions, 2012, 41, 10576.	1.6	40
921	Ligand design for functional metalâ€“organic frameworks. Chemical Society Reviews, 2012, 41, 1088-1110.	18.7	725
922	A Strongly Blue-Emitting Heptametallic [DyIII7] Centered-Octahedral Single-Molecule Magnet. Inorganic Chemistry, 2012, 51, 7451-7453.	1.9	61
923	Lanthanide Coordination Polymers Constructed from Imidazole-4,5-Dicarboxylate and Sulfate: Syntheses, Structural Diversity, and Photoluminescent Properties. Crystal Growth and Design, 2012, 12, 3675-3683.	1.4	81
924	Synthesis and Characterisation of Thiophene-Functionalised Lanthanoid Diketonate Clusters with Solvent-Modulated Europium Luminescence. European Journal of Inorganic Chemistry, 2012, 2012, 3273-3282.	1.0	20
925	Synthesis, Structure, Thermal Stability, and Magnetic and Luminescence Properties of Dinuclear Lanthanide(III) Pivalates with Chelating Nâ€Donor Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 3595-3610.	1.0	44
926	2-Aminoisobutyric Acid in Co(II) and Co(II)/Ln(III) Chemistry: Homometallic and Heterometallic Clusters. Inorganic Chemistry, 2012, 51, 1170-1179.	1.9	66
927	CsSnI₃: Semiconductor or Metal? High Electrical Conductivity and Strong Near-Infrared Photoluminescence from a Single Material. High Hole Mobility and Phase-Transitions. Journal of the American Chemical Society, 2012, 134, 8579-8587.	6.6	894
928	Luminescent hybrid materials of lanthanide Î²-diketonate and mesoporous host through covalent and ionic bonding with anion metathesis. Dalton Transactions, 2012, 41, 8567.	1.6	44
930	Definition of an Intramolecular Euâ€¦oâ€¦Eu Energy Transfer within a Discrete [Eu₂L] Complex in Solution. Chemistry - A European Journal, 2012, 18, 8163-8173.	1.7	39
931	Luminescent Blooming of Dendronic Carbon Nanotubes through Ionâ€Pairing Interactions with an Eu^{III} Complex. Chemistry - A European Journal, 2012, 18, 5889-5897.	1.7	18
932	A Luminescent and Sublimable Dy^{III}â€Based Singleâ€Molecule Magnet. Chemistry - A European Journal, 2012, 18, 11379-11387.	1.7	134
933	Dual Emitting [Yb(5,7ClQ)₂(H5,7ClQ)₂Cl]: Chemical and Photophysical Properties. ChemPlusChem, 2012, 77, 240-248.	1.3	15
934	Synthesis and Photophysical Properties of an Eu(II)-Complex/PS Blend: Role of Ag Nanoparticles in Surface-Enhanced Luminescence. Langmuir, 2012, 28, 9842-9848.	1.6	12

#	Article	IF	Citations
935	Fluorescent Chemosensors Based on Spiroring-Opening of Xanthenes and Related Derivatives. Chemical Reviews, 2012, 112, 1910-1956.	23.0	1,795
936	Construction of Novel Terbium Green Emissive Gels and Their Unique Thermal Degradation Processes. Journal of Cluster Science, 2012, 23, 147-154.	1.7	0
937	Highly Selective Recognition on Enatioselective of R(+) and S(â^')-1,1-Bi(2-Naphthol) Using of Eu(dap)3 Complex as Photo Probe. Journal of Fluorescence, 2012, 22, 871-874.	1.3	0
938	Syntheses, structure and photoluminescent properties of lanthanide oxalatosulfocarboxylate coordination polymers. Science Bulletin, 2012, 57, 1659-1664.	1.7	2
939	Thermodynamics of lanthanide(III) complexation in non-aqueous solvents. Coordination Chemistry Reviews, 2012, 256, 328-351.	9.5	99
940	New chiral pyridine-based Eu(III) complexes: Study of the relationship between the nature of the ligands and the 5D0 luminescence spectra. Inorganica Chimica Acta, 2012, 385, 65-72.	1.2	22
941	Structures and luminescent properties of Tb(III) and Tb(III)â€“Ni(II) coordination polymers based on pyridyl dicarboxylate. Inorganica Chimica Acta, 2012, 388, 16-21.	1.2	17
942	Synthesis, characterization, biological activities, and luminescent properties of lanthanide complexes with N,Nâ€²-bis(2-hydroxy-1-naphthylidene)-1,6-hexadiimine. Inorganica Chimica Acta, 2012, 388, 120-126.	1.2	35
943	Sensitized near-infrared luminescence from erbium ion-associated complex with IR140 dye. Dyes and Pigments, 2012, 95, 69-73.	2.0	4
944	A templated lanthanide metal-organic framework: synthesis, structure, and luminescence of (bpy) [Eu (ip)1.5(H2O)4] (bpy = 4,4â€²-bipyridine, ip = isophthalate). Inorganic Chemistry Communication, 2012, 15, 159-162.	1.8	12
945	Construction of [EuZn(glycinate)(oxalate)2(H2O)2]n: An unusual heterometallic 3D 3dâ€“4f coordination framework generated by in situ glycinate synthesis. Inorganic Chemistry Communication, 2012, 17, 91-94.	1.8	4
946	Lanthanide (Eu3+, Tb3+, Gd3+) hybrid system with functionalized diethylenetriamine pentaacetic acid: coordination bonding assembly, luminescence and MRI contrast agent property. Inorganic Chemistry Communication, 2012, 18, 43-46.	1.8	13
947	A novel two-dimensional 3dâ€“4f heterometallic coordination polymer with (4, 4)-connected topology: Crystal structure, luminescence and magnetic properties. Inorganic Chemistry Communication, 2012, 20, 1-6.	1.8	20
948	Synthesis, structure and near-infrared (NIR) luminescence of series of Zn2Ln (Ln = Nd, Yb or Er) complexes based on the Salen-type Schiff-base ligand with the flexible linker. Inorganic Chemistry Communication, 2012, 20, 33-36.	1.8	21
949	Effective enhancement of near-infrared emission by carbazole modification in the Znâ€“Nd bimetallic Schiff-base complexes. Inorganic Chemistry Communication, 2012, 20, 41-45.	1.8	22
950	Electrospray ionization mass spectrometry of lanthanide(III) complexes with 2,6-diacetylpyridine bis-4-N-ethylthiosemicarbazone. Inorganic Chemistry Communication, 2012, 20, 54-59.	1.8	2
951	A series of lanthanide compounds based on mixed aromatic carboxylate ligands: Syntheses, crystal structures and luminescent properties. Inorganic Chemistry Communication, 2012, 20, 247-251.	1.8	21
952	A two-dimensional coordination polymer with Eu(III) luminescence sensitized by an aromatic 4,8-disulfonyl-2,6-naphthalenedicarboxylic acid ligand. Inorganic Chemistry Communication, 2012, 20, 299-302.	1.8	9

#	Article	IF	Citations
953	Multi-walled carbon nanotube-based ternary rare earth (Eu3+, Tb3+) hybrid materials with organically modified silicaâ€“oxygen bridge. Journal of Colloid and Interface Science, 2012, 380, 67-74.	5.0	19
954	Lanthanide(III) complexes of pyridineâ€“tetraacetic acid-glycoconjugates: Synthesis and luminescence studies of mono and divalent derivatives. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2684-2688.	1.0	6
955	Dy3+ activated LaVO4 films synthesized by precursors with different solution concentrations. Journal of Rare Earths, 2012, 30, 325-329.	2.5	7
956	Nucleophilic Additionâ€Triggered Lanthanide Luminescence Allows Detection of Amines by Eu(thenoyltrifluoroacetone)₃. Photochemistry and Photobiology, 2012, 88, 840-843.	1.3	19
957	Synthesis of 4-aryl-, 2,4-diaryl- and 2,4,7-triarylpyrrolo[2,3-d]pyrimidines by a combination of the Suzuki cross-coupling and N-arylation reactions. Tetrahedron, 2012, 68, 329-339.	1.0	20
958	Design and synthesis of phosphorylated pyridine-based ligands for lanthanide complexation. Part 1. Tetrahedron Letters, 2012, 53, 3713-3716.	0.7	2
959	Novel, highly photoluminescent Eu(III) and Tb(III) tetrazolate-2-pyridine-1-oxide complexes. Optical Materials, 2012, 34, 1507-1512.	1.7	15
960	Structure and luminescent investigation of the Ln(III)â€“Î²-diketonate complexes containing tertiary amides. Polyhedron, 2012, 38, 58-67.	1.0	18
961	Enhanced two-photon absorption of hypersensitive transitions induced by coordination field in europium(III) complex. Journal of Luminescence, 2012, 132, 398-402.	1.5	7
962	Synthesis, structure, and luminescent properties of lanthanide coordination compounds with 3-methyl-4-formyl-1-phenylpyrazol-5-one. Russian Journal of Inorganic Chemistry, 2012, 57, 420-426.	0.3	18
963	Syntheses, spectroscopic analysis, and structural determination of two novel nine-coordinate mononuclear Na4[EuIII(Dtpa)(H2O)]2 Â· 11.5H2O and binuclear (NH4)4[EuIII(Dtpa)]2 Â· 10H2O complexes. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2012, 38, 491-500.	0.3	13
964	Synthesis, characterization, and fluorescence properties of lanthanide complexes with the copolymers of 2â€butenedioic acid (z)â€monoâ€ethyl ester and styrene. Journal of Applied Polymer Science, 2012, 123, 472-478.	1.3	3
965	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
966	Novel pH Induced Reversible Luminescent Lanthanide Hydrogels. Journal of Cluster Science, 2013, 24, 449-458.	1.7	7
967	Preparation, Structure and Near-infrared Luminescent Property of Yb(III) Complex with 2,4,6-Pyridinetricarboxylic Acid. Journal of Fluorescence, 2013, 23, 7-12.	1.3	0
968	Salen-Type Lanthanide Complexes with Luminescence and Near-Infrared (NIR) Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1211-1218.	1.9	14
969	Synthesis, Structures of Salen-Type 3dâ€“4f Heteronuclear Metal Complexes. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1097-1103.	1.9	3
970	Hydrothermal Synthesis, Crystal Structure and Characterization of New Coordination Polymer [Co2(pydc)2(H2O)6] n Â·2nH2O. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 897-906.	1.9	4

#	Article	IF	Citations
971	Efficient sensitization of Ln3+-doped NaYF4 nanocrystals with organic ligands. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	8
972	Smart 0D nanomaterials assembled by green luminescent terbium hybrids for the detection of tryptophan. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	10
973	New Ternary Europium Aluminate Luminescent Nanoribbons for Advanced Photonics. Advanced Functional Materials, 2013, 23, 1998-2006.	7.8	13
974	Sensitized terbium(iii) macrocyclic-phthalimide complexes as luminescent pH switches. Dalton Transactions, 2013, 42, 14115.	1.6	10
975	Syntheses, structures, spectroscopic and electrochemical properties of two 1D organicâ€“inorganic CuIIâ€“LnIII heterometallic germanotungstates. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 360-367.	2.0	14
976	Two Series of Luminescent Flexible Polycarboxylate Lanthanide Coordination Complexes with Double Layer and Rectangle Metallomacrocycle Structures. Crystal Growth and Design, 2013, 13, 3374-3380.	1.4	26
977	pH-Dependent Syntheses, Luminescent, and Magnetic Properties of Two-Dimensional Framework Lanthanide Carboxyarylphosphonate Complexes. Crystal Growth and Design, 2013, 13, 3816-3824.	1.4	41
978	Cu(i), Co(ii) and Fe(ii) coordination polymers with pyrazine and benzoate as ligands. Spin crossover, spin canting and metamagnetism phenomena. Dalton Transactions, 2013, 42, 13453.	1.6	10
979	Two lanthanide-bound 1H-benzotriazole polymers: New potential metalâ€“organic scaffold for solid-phase organic chemistry. Inorganica Chimica Acta, 2013, 400, 239-243.	1.2	7
980	Multicolour Optical Coding from a Series of Luminescent Lanthanide Complexes with a Unique Antenna. Chemistry - A European Journal, 2013, 19, 3477-3482.	1.7	68
981	Structure, reactivity, luminescence and magnetism of dinuclear Ln3+ complexes produced by the Ln3+-assisted hydrolysis of 3,6-bis(2-pyridyl)tetrazine. Polyhedron, 2013, 64, 308-320.	1.0	7
982	Magnetic properties of five planar defect dicubanes of [LnIII4(Î¼3-OH)2(L)4(HL)2]Â·2THF (Ln=Gd, Tb, Dy, Ho) Tj ETQq1 1 0.784314 rgB	1.0	31
983	Syntheses, structure and near-infrared (NIR) luminescence of Er2, Yb2, ErYb of homodinuclear and heterodinuclear lanthanide(iii) complexes based on salen ligand. CrystEngComm, 2013, 15, 6213.	1.3	25
984	Fluorescent single-ion magnets: molecular hybrid (HNEt3)[DyxYb1â^'x(bpyda)2] (x = 0.135â€“1). Dalton Transactions, 2013, 42, 11262.	1.6	48
985	Photo-luminescent hetero-tetranuclear Zn2Ln2 (Ln=Nd, Yb, Er, Gd, Eu or Tb) complexes self-assembled from the benzimidazole-based HL and bpe. Inorganic Chemistry Communication, 2013, 35, 213-216.	1.8	3
986	Near-infrared (NIR) luminescent hetero-tetranuclear Zn2Ln2 (Ln=Nd, Yb or Er) complexes self-assembled from the benzimidazole-based HL and two rigid 4,4â€²-bipyridine ligands with different spacers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 102-110.	2.0	5
987	Brilliant Photoluminescence and Triboluminescence from Ternary Complexes of Dy^{III} and Tb^{III} with 3-Phenyl-4-propanoyl-5-isoxazolonate and a Bidentate Phosphine Oxide Coligand. Inorganic Chemistry, 2013, 52, 8750-8758.	1.9	129
988	Efficient red emission from PMMA films doped with 5,6-DTFI europium(iii) complexes: synthesis, structure and photophysical properties. Dalton Transactions, 2013, 42, 11537.	1.6	42

#	Article	IF	Citations
989	Eu3+-doped Tb3+ metalâ€“organic frameworks emitting tunable three primary colors towards white light. Journal of Materials Chemistry C, 2013, 1, 4634.	2.7	137
990	Lanthanides and Actinides in Ionic Liquids. , 2013, , 641-673.		15
991	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.	1.6	9
992	Water-Soluble Tb3+ and Eu3+ Complexes with Ionophilic (Ionically Tagged) Ligands as Fluorescence Imaging Probes. Inorganic Chemistry, 2013, 52, 10199-10205.	1.9	36
993	Basis for Sensitive and Selective Time-Delayed Luminescence Detection of Hydroxyl Radical by Lanthanide Complexes. Inorganic Chemistry, 2013, 52, 9390-9398.	1.9	43
994	DFT Calculation of Russellâ€“Saunders Splitting for Lanthanide Ions Doped in Hexagonal (Î²)-NaYF4 Nanocrystals. Journal of Physical Chemistry C, 2013, 117, 17177-17185.	1.5	31
995	Eu(III) complex-doped PMMA having fast radiation rate and high emission quantum efficiency. Polymer Science - Series B, 2013, 55, 158-163.	0.3	1
996	A phosphorus-based compartmental ligand, (S)P[N(Me)Nî€CHâ€“C6H3-2-O-3-OMe]3 (LH3), enables the assembly of luminescent heterobimetallic linear {L2Zn2Ln}+ [Ln = Gd, Tb, Nd and Eu] complexes. Dalton Transactions, 2013, 42, 15447.	1.6	7
997	The synthesis, crystal structure and multicolour up-conversion fluorescence of Yb3+/Ln3+ (Ln = Ho,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	30
998	Luminescence variation by rigidity control of acrylic composite materials. Journal of Materials Chemistry C, 2013, 1, 5725.	2.7	22
999	Synthesis, structural, optical and electrical properties of metal nanoparticleâ€“rare earth ion dispersed in polymer film. Applied Physics B: Lasers and Optics, 2013, 110, 345-351.	1.1	14
1000	Two new piperazine templated lanthanide sulfates with 2D corrugated layered crystal structures. Chemical Research in Chinese Universities, 2013, 29, 10-14.	1.3	4
1001	Photophysics of Lanthanoid Coordination Compounds. , 2013, , 339-398.		49
1002	Chemosensing and Diagnostics. , 2013, , 657-732.		5
1003	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.	1.6	23
1004	Reduction of Yb(III) to Yb(II) by Two-Color Two-Photon Excitation. Journal of Physical Chemistry A, 2013, 117, 8352-8359.	1.1	9
1005	Binuclear samarium(III) pivalates with chelating N-donors: Synthesis, structure, thermal behavior, magnetic and luminescent properties. Polyhedron, 2013, 65, 152-160.	1.0	20
1006	Synthesis, crystal structures and near-infrared luminescent properties of three lanthanide-based enantiomeric pairs. Inorganica Chimica Acta, 2013, 408, 78-83.	1.2	20

#	Article	IF	Citations
1007	Synthesis, structures and near-infrared luminescence properties of Ho3+ and Yb3+ coordination complexes. Journal of Physics and Chemistry of Solids, 2013, 74, 1745-1750.	1.9	6
1008	Crystal structures and fluorescence properties of lanthanide complexes prepared with 2,2â€²-biphenyldicarboxylic acid and 2,2â€²:6â€²,2â€³-terpyridine. Journal of Rare Earths, 2013, 31, 639-644.	2.5	20
1009	Novel sandwich triple-decker dinuclear NdIII-(bis-N,Nâ€²-p-bromo-salicylideneamine-1,2-diaminobenzene) complex. Polyhedron, 2013, 64, 203-208.	1.0	42
1010	Insight into the structural versatility of the Ln(III)[15-metallacrown-5] platform by comparing analogs with Ni(II), Cu(II), and Zn(II) ring ions. Polyhedron, 2013, 52, 491-499.	1.0	26
1011	Syntheses, structures and photoluminescent properties of lanthanide coordination polymers based on pyridyl functionalized imidazole dicarboxylic acid. RSC Advances, 2013, 3, 9279.	1.7	24
1012	Controlled Self-Assembly and Luminescence Characteristics of Eu(III) Complexes in Binary Aqueous/Organic Media. Langmuir, 2013, 29, 12930-12935.	1.6	22
1013	Electrochemical signal response for vitamin B1 using terbium luminescent nanoscale building blocks as optical sensors. Sensors and Actuators B: Chemical, 2013, 188, 1176-1182.	4.0	20
1014	Tetranuclear Lanthanide (III) Complexes Containing Dimeric Subunits: Single-Molecule Magnet Behavior for the Dy₄ Analogue. Inorganic Chemistry, 2013, 52, 11956-11965.	1.9	95
1015	Factors affecting the Nd3+ (REE3+) luminescence of minerals. Mineralogy and Petrology, 2013, 107, 415-428.	0.4	44
1016	Visible-light sensitized luminescent europium(iii)-Î²-diketonate complexes: bioprobes for cellular imaging. Dalton Transactions, 2013, 42, 15249.	1.6	90
1017	Evidence of Mixed-Valence Hydrated Europium-Chloride Phase in Vacuum by Means of Optical and Electronic Spectroscopies. Journal of Physical Chemistry C, 2013, 117, 9766-9771.	1.5	6
1018	Sensitization of Visible and NIR Emitting Lanthanide(III) Ions in Noncentrosymmetric Complexes of Hexafluoroacetylacetone and Unsubstituted Monodentate Pyrazole. Journal of Physical Chemistry A, 2013, 117, 11183-11201.	1.1	106
1019	Luminescent solâ€“gel materials based on lanthanide aminopolycarboxylates (LnÂ=ÂNd, Eu, Tb, Yb). Journal of Sol-Gel Science and Technology, 2013, 68, 479-487.	1.1	6
1020	Specific features of Yb3+ ions in electronic band energy structure and optical functions of RbNd(WO4)2 crystals: Synchrotron ellipsometry measurements and DFT simulations. Journal of Alloys and Compounds, 2013, 577, 237-246.	2.8	0
1021	Controlled Mixed Violetâ€“Blueâ€“Red Electroluminescence from Eu:Nano-Phosphors/ZnO-Nanowires/p-GaN Light-Emitting Diodes. Journal of Physical Chemistry C, 2013, 117, 26768-26775.	1.5	29
1022	Fully Efficient Direct Yb-to-Er Energy Transfer at Molecular Level in a Near-Infrared Emitting Heterometallic Trinuclear Quinolinolato Complex. Journal of Physical Chemistry Letters, 2013, 4, 3062-3066.	2.1	25
1023	Effect of Ligand Polarization on Asymmetric Structural Formation for Strongly Luminescent Lanthanide Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 5911-5918.	1.0	42
1024	Soft-Templated Room Temperature Fabrication of Nanoscale Lanthanum Phosphate: Synthesis, Photoluminescence, and Energy-Transfer Behavior. Journal of Physical Chemistry C, 2013, 117, 25146-25159.	1.5	26

#	Article	IF	Citations
1025	LnMOF@PVA nanofiber: energy transfer and multicolor light-emitting devices. Journal of Materials Chemistry C, 2013, 1, 7574.	2.7	33
1026	Syntheses, structures and luminescent properties of a series of ladder-shaped [Ln₂Sr₃] heterometal-organic frameworks. Journal of Coordination Chemistry, 2013, 66, 3829-3838.	0.8	13
1027	Synthesis and magnetic properties of a 3dâ€“4f heterometallic chain. Journal of Molecular Structure, 2013, 1054-1055, 53-56.	1.8	4
1028	Lanthanide metalâ€“organic frameworks constructed by asymmetric 2-nitrobiphenyl-4,4â€²-dicarboxylate ligand: syntheses, structures, luminescence and magnetic investigations. CrystEngComm, 2013, 15, 9020.	1.3	15
1029	Luminescent lanthanide(III)-cored complexes based on the combination of 2-(5-bromothiophen)imidazo[4,5-f][1,10]phenanthroline and 2-thenoyltrifluoroacetonate ligands. Polyhedron, 2013, 59, 52-57.	1.0	15
1030	Effect of Fluorination on the Radiative Properties of Er3+ Organic Complexes: An Opto-Structural Correlation Study. Journal of Physical Chemistry C, 2013, 117, 23970-23975.	1.5	32
1031	Synthesis of Divalent Europium Borate via in Situ Reductive Techniques. Inorganic Chemistry, 2013, 52, 8099-8105.	1.9	22
1032	Synthesis, crystal structure and luminescence of novel Eu3+, Sm3+ and Gd3+ complexes of 1,3,5- and 1,2,4-triazines. Polyhedron, 2013, 52, 856-865.	1.0	20
1033	Novel 3D lanthanum oxalate metal-organic-framework: Synthetic, structural, luminescence and adsorption properties. Polyhedron, 2013, 52, 315-320.	1.0	24
1034	Whiteâ€Emitting Conjugated Polymer/Inorganic Hybrid Spheres: Phenylethynyl and 2,6â€Bis(pyrazolyl)pyridine Copolymer Coordinated to Eu(tta)₃. Advanced Functional Materials, 2013, 23, 5875-5880.	7.8	47
1036	Using Remote Substituents to Control Solution Structure and Anion Binding in Lanthanide Complexes. Chemistry - A European Journal, 2013, 19, 16566-16571.	1.7	30
1037	Energyâ€Transfer Mechanisms in Ir^{III}â€“Eu^{III} Bimetallic Complexes. ChemPlusChem, 2013, 78, 852-859.	1.3	13
1038	Efficient Formation of Luminescent Lanthanide(III) Complexes by Solidâ€Phase Synthesis and Onâ€Resin Screening. Chemistry - an Asian Journal, 2013, 8, 2685-2690.	1.7	7
1039	LuF[SeO₃]: The Structural Chameleon of Lanthanoid Fluoride Oxoselenates(IV). Inorganic Chemistry, 2013, 52, 10788-10794.	1.9	13
1040	Rare earth tungstate and molybdate compounds â€“ from 0D to 3D architectures. Chemical Society Reviews, 2013, 42, 8835.	18.7	213
1041	Heterodinuclear Lanthanoidâ€Containing Polyoxometalates: Stepwise Synthesis and Singleâ€Molecule Magnet Behavior. Chemistry - A European Journal, 2013, 19, 12982-12990.	1.7	62
1042	Syntheses and Properties of Oneâ€“Three-Dimensional Coordination Polymers Constructed by Metallohelicates of Purin-Containing Carboxylate. Crystal Growth and Design, 2013, 13, 4859-4867.	1.4	11
1043	Going from green to red electroluminescence through ancillary ligand substitution in ruthenium(ii) tetrazole benzoic acid emitters. Journal of Materials Chemistry C, 2013, 1, 6970.	2.7	21

#	Article	IF	Citations
1044	A new and efficient luminescence enhancement system of Euâ€“N-(3,5-dibromosalicylidene)-2-aminopyridineâ€“1,10-phenanthroline and its application in the determination of trace amounts of europium. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 104, 243-249.	2.0	10
1045	Heteroscorpionate aluminium complexes as chiral building blocks to engineer helical architectures. Dalton Transactions, 2013, 42, 14240.	1.6	13
1046	A Folding-Based Approach for the Luminescent Detection of a Short RNA Hairpin. Journal of the American Chemical Society, 2013, 135, 3812-3814.	6.6	22
1047	A Simple and General Method to Determine Reliable Pseudocontact Shifts in Lanthanide Complexes. Inorganic Chemistry, 2013, 52, 11514-11518.	1.9	8
1048	Circularly Polarized Luminescence in Supramolecular Assemblies of Chiral Bichromophoric Perylene Bisimides. Chemistry - A European Journal, 2013, 19, 14090-14097.	1.7	119
1049	Phosphorescent iridium(III) carbodithioate complex for the detection of Hg2+ and acetonitrile. Inorganic Chemistry Communication, 2013, 37, 121-126.	1.8	11
1050	Soft hybrids of Eu3+ beta-diketonates and MS (M = Zn, Cd) nanoparticles using mercapto-ionic liquid linkage for white luminescence integration. New Journal of Chemistry, 2013, 37, 2619.	1.4	20
1051	Near Infrared and Visible Luminescence from Xerogels Covalently Grafted with Lanthanide [Sm³⁺, Yb³⁺, Nd³⁺, Er³⁺, Pr³⁺, Ho³⁺] Î²-Diketonate Derivatives Using Visible Light Excitation. ACS Applied Materials & Interfaces, 2013, 5, 9585-9593.	4.0	78
1052	Dual Emissive-Reflective Display Materials with Large Emission Switching Using Highly Luminescent Lanthanide(III) Complex and Electrochromic Material. Japanese Journal of Applied Physics, 2013, 52, 05DA14.	0.8	13
1053	Synthesis, structure, and properties of trinuclear pivalate {Zn2Eu} complexes with N-donor ligands. Russian Chemical Bulletin, 2013, 62, 2141-2149.	0.4	25
1054	Lanthanide appended rotaxanes respond to changing chloride concentration. Chemical Science, 2013, 4, 489-493.	3.7	44
1055	Versatile allosteric molecular devices based on reversible formation of luminous lanthanide complexes. Chemical Communications, 2013, 49, 285-287.	2.2	15
1056	Solution species of Fe(iii), Ga(iii), In(iii) or Ln(iii) and suberodihydroxamic acid from electrospray ionization mass spectrometry. RSC Advances, 2013, 3, 16051.	1.7	2
1057	Coordination polymers of lanthanide complexes with benzene dicarboxylato ligands. CrystEngComm, 2013, 15, 6340.	1.3	23
1058	Unprecedented infinite lanthanide hydroxide ribbons [Ln3(Î¼3-OH)3]n6n+ in a 3-D metalâ€“organic framework. Chemical Communications, 2013, 49, 8344.	2.2	18
1059	Interface-assisted ionothermal synthesis, phase tuning, surface modification and bioapplication of Ln3+-doped NaGdF4nanocrystals. Journal of Materials Chemistry B, 2013, 1, 179-185.	2.9	20
1060	Monodisperse silica nanoparticles doped with dipicolinic acid-based luminescent lanthanide(iii) complexes for bio-labelling. Journal of Materials Chemistry B, 2013, 1, 4306.	2.9	24
1061	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. Journal of Materials Chemistry B, 2013, 1, 5429.	2.9	17

#	Article	IF	Citations
1062	Monolacunary Keggin polyoxometalates connected to ten 4d or 4f metal atoms. Dalton Transactions, 2013, 42, 16596.	1.6	21
1063	Genetically Encoded Protease Substrate Based on Lanthanide-Binding Peptide for Time-Gated Fluorescence Detection. Analytical Chemistry, 2013, 85, 1367-1373.	3.2	34
1064	Difluorodioxophosphate-Based Hollow Hexanuclear Lanthanide(III) Clusters Decorated with Tetrathiafulvalene Ligands. Inorganic Chemistry, 2013, 52, 9711-9713.	1.9	8
1065	Unprecedented chemical transformation: crystallographic evidence for 1,1,2,2-tetrahydroxyethane captured within an Fe6Dy3 single molecule magnet. Chemical Communications, 2013, 49, 1696.	2.2	62
1066	Optimizing the relaxivity of Gd(iii) complexes appended to InP/ZnS quantum dots by linker tuning. Dalton Transactions, 2013, 42, 8197.	1.6	26
1067	Novel erbium(iii) complexes with 2,6-dimethyl-3,5-heptanedione and different N,N-donor ligands for ormosil and PMMA matrices doping. Journal of Materials Chemistry C, 2013, 1, 5701.	2.7	35
1068	The first examples of thiogermanate anion [GeS₃(SH)]^{3â˜’}as a bridging ligand to a lanthanide complex. Dalton Transactions, 2013, 42, 1961-1964.	1.6	14
1069	Multifunctional carbon nanospheres with magnetic and luminescent probes: probable brain theranostic agents. Journal of Materials Chemistry B, 2013, 1, 939-945.	2.9	10
1070	Copper(II)â€“lanthanide(III) coordination polymers constructed from pyridine-2,5-dicarboxylic acid: Preparation, crystal structure and photoluminescence. Journal of Solid State Chemistry, 2013, 197, 489-498.	1.4	14
1071	Lanthanide benzoates: a versatile building block for the construction of efficient light emitting materials. Dalton Transactions, 2013, 42, 2663-2678.	1.6	76
1072	Visible-light excited red emitting luminescent nanocomposites derived from Eu³⁺-phenathrene-based fluorinated Î²-diketonate complexes and multi-walled carbon nanotubes. Journal of Materials Chemistry C, 2013, 1, 160-170.	2.7	69
1073	Multicolour and up-conversion fluorescence of lanthanide doped Vernier phase yttrium oxyfluoride nanocrystals. Journal of Materials Chemistry C, 2013, 1, 1995.	2.7	47
1074	Microporous metalâ€“organic frameworks with open metal sites as sorbents for selective gas adsorption and fluorescence sensors for metal ions. Journal of Materials Chemistry A, 2013, 1, 495-499.	5.2	233
1075	Synthesis and characterization of new heterodinuclear (Eu,Tb) lanthanide pivalates. Polyhedron, 2013, 50, 297-305.	1.0	20
1076	Family of dumbbell Ni4Ln2 (Ln = Pr, Sm, Eu, Gd, Tb, Ho, Er) complexes: syntheses, structures, luminescent and magnetic properties. Dalton Transactions, 2013, 42, 5047.	1.6	23
1077	Europium Coordination Complexes as Potential Anticancer Drugs: Their Partitioning and Permeation Into Lipid Bilayers as Revealed by Pyrene Fluorescence Quenching. Journal of Fluorescence, 2013, 23, 193-202.	1.3	11
1078	Basic understanding of the lanthanide related upconversion emissions. Nanoscale, 2013, 5, 5703.	2.8	203
1079	Lanthanopolyoxometalates: From the structure of polyanions to the design of functional materials. Polyhedron, 2013, 52, 10-24.	1.0	43

#	Article	IF	Citations
1080	Synthesis and spectroscopic analysis of an extended series of hetero dinuclear complexes containing two different lanthanides in 1:1 stoichiometry. Inorganica Chimica Acta, 2013, 394, 373-384.	1.2	12
1081	Synthesis, crystal structure and luminescent properties of new lanthanide-containing coordination polymers involving 4,4â€²-oxy-bis-benzoate as ligand. CrystEngComm, 2013, 15, 706-720.	1.3	43
1082	Near-Infrared Emission of Lanthanide(III) Texaphyrin Complexes. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 200-205.	1.9	13
1083	Amorphous dysprosium carbonate: characterization, stability, and crystallization pathways. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	27
1084	A redox-active luminescent ytterbium based single molecule magnet. Chemical Communications, 2013, 49, 615-617.	2.2	181
1085	Syntheses, structures, and magnetic properties of salen type Cuâ€“Gd dimer and hexamer complexes with strong ferromagnetic interactions. Polyhedron, 2013, 52, 91-95.	1.0	19
1086	Luminescent latex particles loaded with anionic lanthanide complexes: a versatile platform for multicolour optical coding. Journal of Materials Chemistry C, 2013, 1, 2061.	2.7	21
1087	Arylglyoxals in Synthesis of Heterocyclic Compounds. Chemical Reviews, 2013, 113, 2958-3043.	23.0	324
1088	A New Indicator for Potassium Ions at Physiological pH by Using a Macrocyclic Luminescent Metal Complex. Chemistry - A European Journal, 2013, 19, 465-468.	1.7	1
1089	Preparation, Structure, and Optical Properties of the 1D Chain Red Luminescent Europium Coordination Polymer: {[Eu₂L₆(DMF)Â(H₂O)]Â·2DMFÂ·H₂O}_n (L = C₉H₆ClO₂^{â€“}). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 121-124.	0.6	6
1090	Syntheses, structural determination, and binding studies of mononuclear nine-coordinate (EnH2)1.5[HoIII(Ttha)] Â· 4.5H2O and two dimensional unlimited network (EnH2)[HoIII(Egta)(H2O)]2 Â· 6H2O. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 49-57.	0.3	4
1091	Electrochemically-switchable emission and absorption by using luminescent Lanthanide(III) complex and electrochromic molecule toward novel display device with dual emissive and reflective mode. Displays, 2013, 34, 389-395.	2.0	22
1092	Eu3+-induced aggregates of diblock copolymers and their photoluminescent property. Journal of Colloid and Interface Science, 2013, 394, 630-638.	5.0	23
1093	Controllable synthesis of Eu3+/Tb3+ activated lutetium fluorides nanocrystals and their photophysical properties. Journal of Luminescence, 2013, 144, 1-5.	1.5	9
1094	An optical anion chemosensor based on a europium complex and its molecular logic behavior. Dyes and Pigments, 2013, 97, 26-31.	2.0	26
1095	Europium (III) complex functionalized Si-MCM-41 hybrid materials with visible-light-excited luminescence. Inorganica Chimica Acta, 2013, 408, 96-102.	1.2	14
1096	Luminescent xerogels obtained through embedding Tb(III) and Eu(III) complexes in silica matrix. Optical Materials, 2013, 35, 1741-1747.	1.7	3
1097	Designed synthesis and photophysical properties of multifunctional hybrid lanthanide complexes. RSC Advances, 2013, 3, 11367.	1.7	25

#	Article	IF	Citations
1099	A water-soluble phosphorescent polymer for time-resolved assay and bioimaging of cysteine/homocysteine. Journal of Materials Chemistry B, 2013, 1, 319-329.	2.9	64
1100	Synthesis and luminescence properties of encapsulated solâ€“gel glass samarium complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 810-814.	2.0	2
1101	Rational design of lanthanide binding peptides. Comptes Rendus Chimie, 2013, 16, 515-523.	0.2	16
1102	Lanthanide coordination polymers constructed by a new semirigid bridging salicylamide ligand: Synthesis, structure and luminescence properties. Inorganica Chimica Acta, 2013, 408, 71-77.	1.2	3
1103	Enantioselective aggregation and luminescence properties of europium(III) and terbium(III) complexes of an acetate and a tripodal ligand containing three imidazole groups. Polyhedron, 2013, 59, 76-84.	1.0	9
1104	Cation effect on the crystal structure of polynuclear complexes with 2,2â€²-oxydiacetate as bridging ligand. Inorganica Chimica Acta, 2013, 394, 196-202.	1.2	8
1105	Yb3+/Er3+ codoped Î²-NaYF4 microrods: Synthesis and tuning of multicolor upconversion. Journal of Alloys and Compounds, 2013, 554, 395-399.	2.8	89
1106	Hetero-trinuclear near-infrared (NIR) luminescent ZnLn2 (Ln = Nd, Yb or Er) complexes based on monomer ZnL Schiff-base precursor and o-vanillin. Inorganic Chemistry Communication, 2013, 36, 11-13.	1.8	6
1107	The first observation of emission of electronically-excited states of the divalent Eu2+âž ion in the new chemiluminescent system EuCl3Â·6H2Oâ€“Bui2AlHâ€“O2 and the energy transfer from Eu2+âž ion to the trivalent ion, Tb3+. Journal of Luminescence, 2013, 136, 95-99.	1.5	22
1108	Structural and luminescence characterizations of lanthanide-based coordination polymers involving naphthalene-1,4,5,8-tetra-carboxylate as ligand. Inorganica Chimica Acta, 2013, 401, 11-18.	1.2	5
1109	Topological aspects of lanthanideâ€“adipateâ€“aqua compounds: Close packed and open framework structures. Journal of Solid State Chemistry, 2013, 203, 128-133.	1.4	5
1110	Luminescence properties and energy transfer of host sensitized CaMoO4:Tb3+ green phosphors. Journal of Rare Earths, 2013, 31, 655-659.	2.5	20
1111	Synthesis, characterization and luminescent properties of needle-like lanthanide-doped orthorhombic Y5O4F7. Journal of Rare Earths, 2013, 31, 745-749.	2.5	12
1112	Two unique lanthanideâ€“organic frameworks based on 1H-2-methyl-4,5-imidazole-dicarboxylate and oxalate: Crystal structure, luminescence and magnetic properties. Inorganica Chimica Acta, 2013, 394, 696-702.	1.2	14
1113	Europium (III) coordination complex with a novel phosphonated ligand. Journal of Molecular Structure, 2013, 1034, 276-282.	1.8	2
1114	Structure, characterization and near-infrared emission of a novel 6-connected uninodal 3D network of Nd(III) containing 2,5-thiophenedicarboxylate anion. Inorganic Chemistry Communication, 2013, 37, 66-70.	1.8	6
1115	Lanthanide mesoporous SBA-15 hybrids through functionalized 6-hydroxybenz[de]anthracen-7-one linkage: UVâ€“visible light sensitisation and visible-NIR luminescence. Journal of Colloid and Interface Science, 2013, 393, 36-43.	5.0	11
1116	Electrochemical and Spectroscopic Investigation of Ln³⁺ (Ln = Sm, Eu, and Yb) Solvation in Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids and Coordination by N,N,Nâ€²,Nâ€²-Tetraoctyl-3-oxa-pentane Diamide (TODGA) and Chloride. Inorganic Chemistry, 2013, 52, 3241-3252.	1.9	46

#	Article	IF	Citations
1117	Sensitization of Eu³⁺ Luminescence in Eu:YPO₄ Nanocrystals. Journal of Physical Chemistry C, 2013, 117, 5953-5962.	1.5	62
1119	Synthesis and luminescent properties of 3-(2-benzoxazol-2-yl)- and 3-(2-benzothiazol-2-yl)-2-naphtholates of some non-transition and rare earth metals. Synthetic Metals, 2013, 164, 55-59.	2.1	16
1120	Synthesis and structural characterization of 3dâ€“4f heterometallic coordination polymers: from cluster to chain. New Journal of Chemistry, 2013, 37, 1364.	1.4	9
1121	Effects of annealing on luminescence of CaWO4:Eu3+ nanoparticles and its thermoluminescence study. Journal of Alloys and Compounds, 2013, 556, 94-101.	2.8	49
1122	Syntheses, Structures and Properties of Lanthanide Organic Frameworks incorporating 1Hâ€benzimidazoleâ€2â€carboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 443-448.	0.6	4
1123	Synthesis, characterization and luminescence properties of rare earth complexes with a new biphenylamide. Journal of Luminescence, 2013, 135, 84-88.	1.5	10
1124	Synthesis, Characterization, and Photophysical Properties of First Heterobinuclear Zn-Ln (LnÂ=ÂLa, Nd,) Tj ETQq0 0 0 rgBT /Overlock 10 46, 109-116.	0.5	4
1125	The ubiquitous DOTA and its derivatives: the impact of 1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid on biomedical imaging. Chemical Communications, 2013, 49, 2732.	2.2	173
1126	The effect of two additional Eu3+ lumophors in two novel trinuclear europium complexes on their photoluminescent properties. Photochemical and Photobiological Sciences, 2013, 12, 330-338.	1.6	34
1127	Nano- and microsized Eu3+ and Tb3+-doped lanthanide hydroxycarbonates and oxycarbonates. The influence of glucose and fructose as stabilizing ligands. Dalton Transactions, 2013, 42, 4639.	1.6	19
1128	Dendrimers as Nd³⁺ ligands: Effect of Generation on the Efficiency of the Sensitized Lanthanide Emission. Chemistry - an Asian Journal, 2013, 8, 771-777.	1.7	18
1129	Green, near-infrared electroluminescence of novel yttrium tetrazole complexes. Journal of Materials Chemistry C, 2013, 1, 1337-1344.	2.7	25
1130	Five sra Topological Ln(III)-MOFs Based on Novel Metal-Carboxylate/Cl Chain: Structure, Near-Infrared Luminescence and Magnetic Properties. Crystal Growth and Design, 2013, 13, 1570-1576.	1.4	95
1131	Thermoswitchable emission and coloration of a composite material containing a europium(<scp>iii</scp>) complex and a fluoran dye. Journal of Materials Chemistry C, 2013, 1, 617-620.	2.7	26
1132	Plasmonic fluorescence enhancement by metal nanostructures: shaping the future of bionanotechnology. Physical Chemistry Chemical Physics, 2013, 15, 15709.	1.3	161
1133	Subcomponent Self-Assembly of Rare-Earth Single-Molecule Magnets. Inorganic Chemistry, 2013, 52, 5194-5200.	1.9	63
1134	First Examples of Metalâ€“Organic Frameworks with the Novel 3,3â€²-(1,2,4,5-Tetrazine-3,6-diyl)dibenzoic Spacer. Luminescence and Adsorption Properties. Inorganic Chemistry, 2013, 52, 546-548.	1.9	30
1135	Octanuclear {Ln(III)₈}(Ln = Gd, Tb, Dy, Ho) Macrocyclic Complexes in a Cyclooctadiene-like Conformation: Manifestation of Slow Relaxation of Magnetization in the Dy(III) Derivative. Inorganic Chemistry, 2013, 52, 4562-4570.	1.9	83

#	Article	IF	Citations
1136	Hybrid materials based on lanthanide organic complexes: a review. Chemical Society Reviews, 2013, 42, 387-410.	18.7	674
1137	Design of Stable Î²â€Sheetâ€Based Cyclic Peptide Assemblies Assisted by Metal Coordination: Selective Homoâ€• and Heterodimer Formation. Chemistry - A European Journal, 2013, 19, 4826-4834.	1.7	20
1138	Europium (III) complexes with new N-donor ligand: A comparative study in solid state and solution. Polyhedron, 2013, 57, 30-38.	1.0	28
1139	Enhanced Photoluminescence by Tyrosine-Containing Bolaamphiphile Self-Assembly. Langmuir, 2013, 29, 4477-4484.	1.6	23
1140	Synthesis, Crystal Structure, and Nearâ€IR Luminescent Properties of Lanthanide Bis(Î²â€diketonate) Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 3063-3069.	1.0	26
1141	Syntheses, crystal structures and properties of metal complexes with 4,4â€²,5,5â€²-tetracarboxyl-2,2â€²-biimidazole. Polyhedron, 2013, 57, 24-29.	1.0	7
1142	Nanoparticles and nanocomposites for fluorescence sensing and imaging. Methods and Applications in Fluorescence, 2013, 1, 022001.	1.1	73
1143	Single-crystal to single-crystal transformation from a 1-D chain-like structure to a 2-D coordination polymer on heating. CrystEngComm, 2013, 15, 5606.	1.3	18
1144	Photophysical Studies of Europium Coordination Polymers Based on a Tetracarboxylate Ligand. Inorganic Chemistry, 2013, 52, 7658-7665.	1.9	70
1145	A new calix[4]azacrown ether based boradiazaindacene (Bodipy): Selective fluorescence changes towards trivalent lanthanide ions. Dyes and Pigments, 2013, 99, 268-274.	2.0	32
1146	Organosilylated Complex [Eu(TTA)₃(Bpy-Si)]: A Bifunctional Moiety for the Engeneering of Luminescent Silica-Based Nanoparticles for Bioimaging. Langmuir, 2013, 29, 5878-5888.	1.6	29
1147	Tuning the architecture and properties of microstructured yttrium tungstate oxide hydroxide and lanthanum tungstate. Dalton Transactions, 2013, 42, 5471.	1.6	22
1148	Sensitizing Curium Luminescence through an Antenna Protein To Investigate Biological Actinide Transport Mechanisms. Journal of the American Chemical Society, 2013, 135, 2676-2683.	6.6	48
1149	Cuprous Halide Complexes of a Variable Length Ligand: Helices, Cluster Chains, and Nets Containing Large Solvated Channels. Crystal Growth and Design, 2013, 13, 2335-2343.	1.4	35
1150	Ionic liquids containing fluorinated Î²-diketonate anions: synthesis, characterization and potential applications. New Journal of Chemistry, 2013, 37, 909.	1.4	19
1151	Near-infrared phosphorescence: materials and applications. Chemical Society Reviews, 2013, 42, 6128.	18.7	566
1152	Turning on Lanthanide Luminescence via Nanoencapsulation. Inorganic Chemistry, 2013, 52, 6311-6318.	1.9	22
1153	Coordination Polymers Based on Heterohexanuclear Rare Earth Complexes: Toward Independent Luminescence Brightness and Color Tuning. Inorganic Chemistry, 2013, 52, 6720-6730.	1.9	82

#	Article	IF	Citations
1154	Phase and morphology selective interface-assisted synthesis of highly luminescent Ln3+-doped NaGdF4 nanorods. RSC Advances, 2013, 3, 8172.	1.7	13
1155	Luminescent Cell-Penetrating Pentadecanuclear Lanthanide Clusters. Journal of the American Chemical Society, 2013, 135, 7454-7457.	6.6	110
1156	New Molecular Motif for Recognizing Sialic Acid Using Emissive Lanthanideâ€“Macrocyclic Polyazacarboxylate Complexes: Deprotonation of a Coordinated Water Molecule Controls Specific Binding. Inorganic Chemistry, 2013, 52, 6239-6241.	1.9	13
1157	A Gadolinium Complex Confined in Silica Nanoparticles as a Highly Efficient T₁/T₂ MRI Contrast Agent. Chemistry - A European Journal, 2013, 19, 6980-6983.	1.7	46
1158	Dendritic Y4O(OH)9NO3:Eu3+/Y2O3:Eu3+ hierarchical structures: controlled synthesis, growth mechanism, and luminescence properties. CrystEngComm, 2013, 15, 4844.	1.3	17
1159	Constructing lanthanide [Nd(iii), Er(iii) and Yb(iii)] complexes using a tridentate N,N,O-ligand for near-infrared organic light-emitting diodes. Dalton Transactions, 2013, 42, 8951.	1.6	64
1160	Sensitized EuIII luminescence through energy transfer from PtM2 (M = Ag or Au) alkynyl chromophores in PtM2Eu2 heteropentanuclear complexes. Journal of Materials Chemistry C, 2013, 1, 3661.	2.7	25
1161	Anion-Dependent Self-Assembly of Near-Infrared Luminescent 24- and 32-Metal Cdâ€“Ln Complexes with Drum-like Architectures. Journal of the American Chemical Society, 2013, 135, 8468-8471.	6.6	134
1162	A Postsynthetic Modification of IIâ€“VI Semiconductor Nanoparticles to Create Tb³⁺ and Eu³⁺ Luminophores. Journal of Physical Chemistry C, 2013, 117, 14451-14460.	1.5	52
1163	Lanthanide-doped luminescent nanoprobes: controlled synthesis, optical spectroscopy, and bioapplications. Chemical Society Reviews, 2013, 42, 6924.	18.7	768
1164	Effect of lanthanide contraction on crystal structures of Ln(iii) coordination polymers with dinuclear SBUs based on 3-(4-hydroxypyridinium-1-yl) phthalic acid and oxalic acid. CrystEngComm, 2013, 15, 5910.	1.3	24
1165	New tris-3,4-HOPO lanthanide complexes as potential imaging probes: complex stability and magnetic properties. Dalton Transactions, 2013, 42, 6046.	1.6	28
1166	Synthesis, crystal structure and luminescence properties of homodinuclear lanthanide complexes with a new tetrapodal thenylsalicylamide ligand. Inorganica Chimica Acta, 2013, 402, 156-164.	1.2	16
1167	Self-assembly between dicarboxylate ions and binuclear europium complexes: moving to waterâ€”pH dependence and effects of buffers. Dalton Transactions, 2013, 42, 67-70.	1.6	16
1168	3dâ€“4f Heterometallic coordination polymers constructed by tetranuclear lanthanide-based cluster as secondary building unit. CrystEngComm, 2013, 15, 922-930.	1.3	36
1169	Syntheses, structures and magnetic properties of a family of heterometallic [Mn^{II}₂Mn^{III}₂Ln^{III}₂] clusters. Dalton Transactions, 2013, 42, 2423-2430.	1.6	27
1170	A series of Zn-4f heterometallic coordination polymers and a zinc complex containing a flexible mixed donor dicarboxylate ligand. Dalton Transactions, 2013, 42, 7741.	1.6	229
1171	Luminescent Properties of Eu(III) Chelates on Metal Nanorods. Journal of Physical Chemistry C, 2013, 117, 9372-9380.	1.5	15

#	Article	IF	Citations
1172	A Series of Tetrathiafulvalene-Based Lanthanide Complexes Displaying Either Single Molecule Magnet or Luminescenceâ€"Direct Magnetic and Photo-Physical Correlations in the Ytterbium Analogue. Inorganic Chemistry, 2013, 52, 5978-5990.	1.9	70
1173	White-Light-Emitting Single Phosphors via Triply Doped LaF₃ Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 12229-12238.	1.5	90
1174	Mesomorphic behaviour and luminescent properties of mesogenic -diketonate lanthanide adducts with 5,5â€²-di(heptadecyl)-2,2â€²-bipyridine. Liquid Crystals, 2013, 40, 857-863.	0.9	31
1175	Photophysical properties of [Ir(tpy)2]3+-doped silica nanoparticles and synthesis of a colour-tunable material based on an Ir(core)â€"Eu(shell) derivative. Journal of Materials Chemistry C, 2013, 1, 3808.	2.7	15
1176	Chiral benzimidazole-derived mono azacrowns: synthesis and enantiomer recognition studies with chiral amines and their ammonium salts. Tetrahedron: Asymmetry, 2013, 24, 706-712.	1.8	15
1177	From molecule to complex: Design of smart fluorescent anion-sensors. Optical Materials, 2013, 35, 1157-1161.	1.7	5
1178	â€˜Facialâ€™ and â€˜meridionalâ€™ coordination geometries and luminescence properties of tris(N-[(imidazol-4-yl)methylidene]-dl-alaninato)europium(III) and tris(N-[(imidazol-4-yl)methylidene]-dl-phenylalaninato)europium(III). Polyhedron, 2013, 49, 105-112.	1.0	13
1179	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.	1.6	30
1180	Assembly of novel Tb3+/Eu3+ sensitized cellulose gels and their emission behaviors. Cellulose, 2013, 20, 841-848.	2.4	17
1181	DNA Sensing by a Eu-Binding Peptide Containing a Proflavine Unit. Inorganic Chemistry, 2013, 52, 552-554.	1.9	13
1182	Lanthanide(III) Complexes of Rhodamineâ€"DO3A Conjugates as Agents for Dual-Modal Imaging. Inorganic Chemistry, 2013, 52, 14284-14293.	1.9	43
1183	Environmental-friendly yellow pigment based on Tb and M (M=Ca or Ba) co-doped Y2O3. Journal of the European Ceramic Society, 2013, 33, 3359-3368.	2.8	38
1184	Cooperative assembly of coexistent lanthanideâ€"carboxylate chain and layer in a (4,6)-connected network. Inorganic Chemistry Communication, 2013, 35, 181-185.	1.8	4
1185	Spectral broadening in anatase titanium dioxide waveguides at telecommunication and near-visible wavelengths. Optics Express, 2013, 21, 18582.	1.7	41
1186	Rare-Earth Metal Cations Incorporated Silica Hybrid Nanoparticles Templated by Cylindrical Polymer Brushes. Chemistry of Materials, 2013, 25, 4585-4594.	3.2	48
1187	New avenues in the design and potential application of metal complexes for photodynamic therapy. RSC Advances, 2013, 3, 25550.	1.7	141
1188	Lanthanide coordination compounds with 1H-benzimidazole-2-carboxylic acid: syntheses, structures and spectroscopic properties. CrystEngComm, 2013, 15, 86-99.	1.3	53
1189	Enhancing solar cell efficiency: the search for luminescent materials as spectral converters. Chemical Society Reviews, 2013, 42, 173-201.	18.7	1,446

#	Article	IF	Citations
1190	Heterobinuclear Znâ€Ln (Lnâ€‰=â€‰La, Nd, Eu, Gd, Tb, Er and Yb) complexes based on asymmetric Schiffâ€base ligand: synthesis, characterization and photophysical properties. Luminescence, 2013, 28, 690-695.	1.5	2
1191	Metal Complexes of Pincer Ligands: Excited States, Photochemistry, and Luminescence. Topics in Organometallic Chemistry, 2013, , 89-129.	0.7	34
1192	Upconverting Phosphor Labels for Bioanalytical Assays. , 2013, , 155-204.		6
1193	POLYOXOMETALATES AS LIGANDS FOR FUNCTIONAL LANTHANOID COMPLEXES. World Scientific Series in Nanoscience and Nanotechnology, 2013, , 201-241.	0.1	8
1194	Near-Infrared Emitting Heterobinuclear Zn-Ln (Ln = Nd, Yb, Er,and Gd) Complexes Based on a Novel Asymmetric Schiff-Base Ligand. Advanced Materials Research, 2013, 749, 527-532.	0.3	0
1195	Visible-light sensitized solâ€“gel-based lanthanide complexes (Sm, Yb, Nd, Er, Pr, Ho, Tm): microstructure, photoluminescence study, and thermostability. RSC Advances, 2013, 3, 26367.	1.7	36
1196	The incorporation of europium into apatite: anew explanation. Radiochimica Acta, 2013, 101, 267-272.	0.5	6
1197	Novel three-dimensional coordination polymers of lanthanides with sulfate and oxydiacetic acid. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 1503-1508.	0.4	2
1198	Energy transfer from pyridine molecules towards europium cations contained in sub 5-nm Eu₂O₃ nanoparticles: Can a particle be an efficient multiple donor-acceptor system?. Journal of Applied Physics, 2013, 114, 114308.	1.1	4
1199	Water-assisted chemical vapor deposition synthesis of boron nitride nanotubes and their photoluminescence property. Nanotechnology, 2013, 24, 365605.	1.3	36
1200	Lanthanide Metalâ€“Organic Frameworks Showing Luminescence in the Visible and Nearâ€Infrared Regions with Potential for Acetone Sensing. Chemistry - A European Journal, 2013, 19, 17172-17179.	1.7	127
1201	Radioactive Europium-Chelate-Based Silica Nanoparticles as a Probe for Stability, Incorporation Efficiency and Trace Analysis. European Journal of Inorganic Chemistry, 2013, 2013, 1493-1498.	1.0	7
1202	Synthesis, characterization, and fluorescence properties of anilineâ€gâ€poly(styreneâ€coâ€maleic anhydride) and its lanthanide complexes. Journal of Applied Polymer Science, 2013, 130, 3432-3439.	1.3	3
1203	Synthesis and Characterisation of First Generation Luminescent Lanthanide Complexes Suitable for Being Adapted for Uptake via the Mannose Receptor. Chinese Journal of Inorganic Chemistry, 2013, 2013, 1-8.	0.2	5
1207	A new europium fluorous metalâ€“organic framework with pentafluorobenzoate and 1,10-phenanthroline ligands: Synthesis, structure and luminescent properties. Journal of Fluorine Chemistry, 2014, 166, 122-126.	0.9	15
1210	Luminescent lanthanide reporters: new concepts for use in bioanalytical applications. Methods and Applications in Fluorescence, 2014, 2, 012001.	1.1	60
1211	Photoluminescent, self-cleaning titanium oxide nanocomposites with multifunctional properties. RSC Advances, 2014, 4, 61727-61735.	1.7	10
1212	Interactions of the Mont Terri Opalinus Clay IsolateSporomusasp. MT-2.99 with Curium(III) and Europium(III). Geomicrobiology Journal, 2014, 31, 682-696.	1.0	23

#	Article	IF	Citations
1213	Binuclear terbium(iii) pivalates with 4,7-diphenyl-1,10-phenanthroline: synthesis, structure, thermal decomposition, and magnetic and luminescence properties. Russian Chemical Bulletin, 2014, 63, 938-944.	0.4	8
1214	Highly Luminescent Thin Films of the Dense Framework ³_{âˆž}[EuIm₂] with Switchable Transparency Formed by Scanning Femtosecondâ€Pulse Laser Deposition. Angewandte Chemie - International Edition, 2014, 53, 706-710.	7.2	23
1215	Two-photon sensitized visible and near-IR luminescence of lanthanide complexes using a fluorene-based donorâ€“Ï€-acceptor diketonate. Dalton Transactions, 2014, 43, 16626-16639.	1.6	43
1216	UV-Cured Functional Coatings. RSC Smart Materials, 2014, , 121-133.	0.1	3
1217	Near-infrared (NIR) luminescent homoleptic linear tetranuclear [Ln 4 ((OH) 2 -Salophen) 4] (Ln = Nd or) Tj ETQq0 0 0 rgBT /Overlock 10 Communication, 2014, 48, 48-51.	1.8	2
1218	Self-assembly of NIR luminescent 30-metal drum-like and 12-metal rectangular dâ€“f nanoclusters with long-chain Schiff base ligands. Chemical Communications, 2014, 50, 15569-15572.	2.2	34
1219	Chiral Lanthanide Metal-Organic Frameworks. Structure and Bonding, 2014, , 29-74.	1.0	7
1220	Syntheses, Structures, and Fluorescent Properties of ÂLanthanide Complexes Based on the Ligand Benzotriazoleâ€5â€carboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2498-2502.	0.6	5
1221	Eu-MOFs with 2-(4-Carboxyphenyl)imidazo[4,5-f]-1,10-phenanthroline and Ditopic Carboxylates as Coligands: Synthesis, Structure, High Thermostability, and Luminescence Properties. Inorganic Chemistry, 2014, 53, 10952-10963.	1.9	55
1222	Photoluminescence imaging of Eu(III) doped Y2O3 nanorods on a Si substrate deposited by an electrospray technique. Thin Solid Films, 2014, 565, 293-299.	0.8	5
1223	Mechanical grinding of a single-crystalline metalâ€“organic framework triggered emission with tunable violet-to-orange luminescence. Chemical Communications, 2014, 50, 15956-15959.	2.2	48
1224	Syntheses, Crystal Structures, and Properties of Two 2-Fold Interpenetrating Metalâ€“Organic Frameworks Based on a Trigonal Rigid Ligand. Crystal Growth and Design, 2014, 14, 6521-6527.	1.4	12
1225	Photoluminescence of the first examples of metalâ€“organic frameworks with two novel tetrazolatephenyl acetic acid derivatives: an experimental and theoretical study. CrystEngComm, 2014, 16, 10492-10496.	1.3	1
1226	Europiumâ€containing cholesteric liquid crystalline polymers in the side chain. Journal of Applied Polymer Science, 2014, 131, .	1.3	1
1227	Photophysical Properties of Lanthanide (<scp><scp>Eu</scp></scp>³⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Td (<sc Liquidâ€“Modified Silane. Photochemistry and Photobiology, 2014, 90, 22-28.	1.3	5
1228	Sign Reversal of a Large Circularly Polarized Luminescence Signal by the Twisting Motion of a Bidentate Ligand. Chemistry - A European Journal, 2014, 20, 8621-8627.	1.7	50
1230	Exploring supramolecular assembly and luminescent behavior in a series of RE-p-chlorobenzoic acid-1,10-phenanthroline complexes. CrystEngComm, 2014, 16, 10189-10202.	1.3	45
1231	Bispidines for Dual Imaging. Chemistry - A European Journal, 2014, 20, 17011-17018.	1.7	31

#	Article	IF	Citations
1232	Quantum coherent control of blue, green and red emissions from codoped lanthanide ions of Er3+/Tm3+/Yb3+by two shaped infrared ultrashort laser beams. Laser Physics, 2014, 24, 015402.	0.6	1
1233	Hexafluoroisopropoxides of divalent and trivalent lanthanides. Structures and luminescence properties. Russian Chemical Bulletin, 2014, 63, 848-853.	0.4	16
1234	Static and dynamic photoluminescence and photocatalytic properties of uniform, monodispersed up/down-converting, highly luminescent, lanthanide-ion-doped Î²-NaYF₄phosphor microcrystals with controlled multiform morphologies. Journal of Materials Chemistry A, 2014, 2, 19189-19200.	5.2	39
1235	1,3-Thiazole as Suitable Antenna Ligand for Lanthanide Photoluminescence in [LnCl₃(thz)₄]Â·0.5thz, Ln = Sm, Eu, Gd, Tb, Dy. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 255-262.	0.3	7
1236	Efficient Red Emission from Europium Chelate-Silicone Host-Guest Hybrids. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 210-216.	0.3	4
1237	Optical Spectroscopy of Lanthanide-Doped Nanoparticles. Nanomedicine and Nanotoxicology, 2014, , 75-123.	0.1	2
1238	Energy transfer from Gd3+ to Eu3+ in silica xerogels. Journal of Luminescence, 2014, 154, 290-293.	1.5	18
1239	Temperature-dependent self-assembly of near-infrared (NIR) luminescent Zn2Ln and Zn2Ln3 (Ln = Nd, Yb) Tj ETQq1 1 0.784314 rgBT /O Molecular and Biomolecular Spectroscopy, 2014, 132, 205-214.	2.0	17
1240	Self-assembled microporous lanthanide coordination polymers built by 2-hydroxynicotinic acid and oxalate ligands. Inorganic Chemistry Communication, 2014, 44, 198-201.	1.8	0
1241	Liquidâ€“crystalline metallodendrimers. Inorganica Chimica Acta, 2014, 409, 53-67.	1.2	38
1242	An intelligent copper(II) luminescent sensor using europium narrow emissions based on titania hybrid material. Optical Materials, 2014, 36, 1520-1524.	1.7	10
1243	Synthesis and near-infrared luminescence properties of ternary Nd(III) complexes-optical materials. Optics Communications, 2014, 324, 26-29.	1.0	11
1244	An efficiently colorimetric and fluorescent probe of fluoride, acetate and phosphate ions based on a novel trinuclear Eu-complex. Sensors and Actuators B: Chemical, 2014, 196, 133-139.	4.0	38
1245	Emerging non-traditional FÃ¶rster resonance energy transfer configurations with semiconductor quantum dots: Investigations and applications. Coordination Chemistry Reviews, 2014, 263-264, 65-85.	9.5	159
1246	Synthesis of CaWO4:Er3+@SiO2 and CaWO4:Tm3+@SiO2 nano-particles via a combustion pathway and study of their optical properties. Research on Chemical Intermediates, 2014, 40, 2007-2014.	1.3	2
1247	Hydrothermal synthesis and luminescence of lanthanide complexes sensitized with dpphen. Journal of Luminescence, 2014, 145, 119-124.	1.5	5
1248	Nanoparticles of Ni(II) and Co(II) metallo-organic molecular materials. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	2
1249	Highly Selective Detection of Nerveâ€Agent Simulants with BODIPY Dyes. Chemistry - A European Journal, 2014, 20, 6339-6347.	1.7	79

#	Article	IF	Citations
1250	pH-dependent syntheses, luminescence and magnetic properties of two-dimensional framework lanthanide 1,3-diarylphosphonate complexes. New Journal of Chemistry, 2014, 38, 1328.	1.4	13
1251	Soft Matter Anion Sensing Based on Lanthanide (Eu3+and TB3+) Luminescent Hydrogels. Soft Materials, 2014, 12, 98-102.	0.8	10
1252	Three 3D lanthanideâ€“organic frameworks with sra topology: syntheses, structures, luminescence and magnetic properties. CrystEngComm, 2014, 16, 2779.	1.3	23
1253	A new photoluminescent silica aerogel based on N-hydroxysuccinimideâ€“Tb(III) complex. Journal of Sol-Gel Science and Technology, 2014, 69, 207-213.	1.1	7
1254	Magnolol and honokiol included green emissive terbium solâ€“gel materials and their recognition behaviors. Journal of Sol-Gel Science and Technology, 2014, 69, 231-236.	1.1	2
1255	Unraveling the Crystal Structure of Lanthanideâ€“Murexide Complexes: Use of an Ancient Complexometry Indicator as a Nearâ€Infraredâ€Emitting Singleâ€Ion Magnet. Chemistry - A European Journal, 2014, 20, 1569-1576.	1.7	53
1256	Sensitized luminescence of Eu(III) complexes with Schiff-base and 1,10-phenanthroline: Role of Schiff-base as a sensitizer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 124, 256-264.	2.0	17
1257	Ionothermal syntheses, crystal structures and luminescence of three three-dimensional lanthanide-1,4-benzenedicarboxylate frameworks. Inorganica Chimica Acta, 2014, 414, 226-233.	1.2	22
1258	Recent developments in lanthanide-based luminescent probes. Coordination Chemistry Reviews, 2014, 273-274, 201-212.	9.5	267
1259	Lanthanide Complexes with Tetradentate N,Nâ€²,O,Oâ€²â€Dipyridylâ€Based Ligands: Structure, Stability, and Photophysical Properties. European Journal of Inorganic Chemistry, 2014, 2014, 2219-2229.	1.0	36
1260	Highly Emitting Near-Infrared Lanthanide â€œEncapsulated Sandwichâ€•Metallacrown Complexes with Excitation Shifted Toward Lower Energy. Journal of the American Chemical Society, 2014, 136, 1526-1534.	6.6	161
1261	Synthesis and characterization of Eu(III)-incorporated silica nanoparticles for application to UV-LED. Journal of Colloid and Interface Science, 2014, 423, 41-47.	5.0	9
1262	Substitutional Photoluminescence Modulation in Adducts of a Europium Chelate with a Range of Alkali Metal Cations: A Gas-Phase Study. Journal of Physical Chemistry A, 2014, 118, 94-102.	1.1	13
1263	Experimental and theoretical approach of photophysical properties of lanthanum(III) and erbium(III) complexes of tris(methoxymethyl)-5-oxine podant. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 129, 365-376.	2.0	19
1264	Lanthanide-Doped Nanoparticles. , 2014, , 121-160.		6
1265	Preparation and luminescence of europium-doped lanthanum fluorideâ€“benzoic acid hybrid nanostructures. Materials Science in Semiconductor Processing, 2014, 24, 62-67.	1.9	10
1266	Variable Nuclearity in Lanthanoid Coordination Chemistry. European Journal of Inorganic Chemistry, 2014, 2014, 2849-2854.	1.0	13
1267	Aromatic N-donor ligands as chelators and sensitizers of lanthanide ion emission. Coordination Chemistry Reviews, 2014, 273-274, 165-200.	9.5	94

#	Article	IF	Citations
1268	NIR luminescence of 2-(2,2,2-trifluoroethyl)-1-indone (TFI) neodymium and ytterbium complexes. Journal of Luminescence, 2014, 146, 205-210.	1.5	29
1270	Luminescent lanthanide-2-phenylpyrimidine-carboxylate frameworks: structure and luminescence tuning. CrystEngComm, 2014, 16, 6483.	1.3	12
1271	A series of rare earth complexes with novel non-interpenetrating 3D networks: synthesis, structures, magnetic and optical properties. Dalton Transactions, 2014, 43, 5793.	1.6	39
1272	First Examples of Nearâ€Infrared Luminescent Poly(methyl methacrylate)â€Supported Metallopolymers Based on Zn₂Lnâ€Arrayed Schiff Base Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 2839-2848.	1.0	32
1273	Photoluminescent 3D lanthanide MOFs with a rare (10,3)-d net based on a new tripodal organic linker. CrystEngComm, 2014, 16, 6469-6475.	1.3	34
1274	Magnetic Studies of Redoxâ€Active Tetrathiafulvaleneâ€Based Complexes: Dysprosium vs. Ytterbium Analogues. European Journal of Inorganic Chemistry, 2014, 2014, 3888-3894.	1.0	36
1275	Interaction of Cm(<scp>iii</scp>) and Am(<scp>iii</scp>) with human serum transferrin studied by time-resolved laser fluorescence and EXAFS spectroscopy. Dalton Transactions, 2014, 43, 6689-6700.	1.6	30
1276	Two Series of Solvent-Dependent Lanthanide Coordination Polymers Demonstrating Tunable Luminescence and Catalysis Properties. Crystal Growth and Design, 2014, 14, 3002-3009.	1.4	107
1277	Advances in the use of acidic potassium permanganate as a chemiluminescence reagent: A review. Analytica Chimica Acta, 2014, 807, 9-28.	2.6	65
1278	The preparation and performance of visible-light-sensitized luminescent nanoparticles based on europium complex. Chinese Chemical Letters, 2014, 25, 247-252.	4.8	4
1279	Recent advances in lanthanide luminescence with metal-organic chromophores as sensitizers. Coordination Chemistry Reviews, 2014, 273-274, 47-62.	9.5	146
1280	Study on photophysical properties of Eu(III) complexes with aromatic Î²-diketones â€“ Role of charge transfer states in the energy migration. Journal of Luminescence, 2014, 146, 211-217.	1.5	47
1281	Dramatic improvement in photostability of luminescent Eu(III) complexes with tetraphenylimidodiphosphinate ligand. Journal of Luminescence, 2014, 146, 544-549.	1.5	10
1282	Synthesis and photophysical properties of europium(<scp>iii</scp>)â€“Î²-diketonate complexes applied in LEDs. Physical Chemistry Chemical Physics, 2014, 16, 695-702.	1.3	40
1283	Lanthanides and Quantum Dots as FÃ¶rster Resonance Energy Transfer Agents for Diagnostics and Cellular Imaging. Inorganic Chemistry, 2014, 53, 1824-1838.	1.9	121
1284	Lanthanide Probes for Bioresponsive Imaging. Chemical Reviews, 2014, 114, 4496-4539.	23.0	965
1285	Self-Assembly Synthesis, Structural Features, and Photophysical Properties of Dilanthanide Complexes Derived from a Novel Amide Type Ligand: Energy Transfer from Tb(III) to Eu(III) in a Heterodinuclear Derivative. Inorganic Chemistry, 2014, 53, 935-942.	1.9	76
1286	Bifunctional Zn^{II}Ln^{III} Dinuclear Complexes Combining Field Induced SMM Behavior and Luminescence: Enhanced NIR Lanthanide Emission by 9-Anthracene Carboxylate Bridging Ligands. Inorganic Chemistry, 2014, 53, 1465-1474.	1.9	95

#	Article	IF	Citations
1287	Computational Investigation on the Spectroscopic Properties of Thiophene Based Europium Î²-Diketonate Complexes. Journal of Chemical Theory and Computation, 2014, 10, 767-777.	2.3	20
1288	Modification of chitosan by using samarium for potential use in drug delivery system. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 120, 77-83.	2.0	10
1289	Highly luminescent Tb(III) macrocyclic complex based on a DO3A hosting unit and an appended carboxylated N,C-pyrazolylpyridine antenna. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 274, 124-132.	2.0	11
1290	Enhancing Luminescence in Lanthanideâ€Doped Upconversion Nanoparticles. Angewandte Chemie - International Edition, 2014, 53, 11702-11715.	7.2	514
1291	Nanotubes from Misfit Layered Compounds: A New Family of Materials with Low Dimensionality. Journal of Physical Chemistry Letters, 2014, 5, 3724-3736.	2.1	47
1292	Heterometallic Europium Disiloxanediolates: Synthesis, Structural Diversity, and Photoluminescence Properties. Inorganic Chemistry, 2014, 53, 11662-11674.	1.9	21
1293	Two 3D photoluminescent Zn(<scp>ii</scp>) complexes constructed from 5-amino-1-H-tetrazole with aromatic polycarboxylate ligands. RSC Advances, 2014, 4, 56434-56439.	1.7	7
1294	Emission properties of Sm complexes substituted with asymmetric Î²-diketonato ligands in solution. Journal of Molecular Liquids, 2014, 200, 77-80.	2.3	11
1295	Magnetic Circular Dichroism of Porphyrin Lanthanide M³⁺ Complexes. Chirality, 2014, 26, 655-662.	1.3	19
1296	TiO₂/Eu³⁺ Thin Films with High Photoluminescence Emission Prepared by Electrophoretic Deposition from Nanoparticulate Sols. European Journal of Inorganic Chemistry, 2014, 2014, 5152-5159.	1.0	14
1297	Multiplicate sensitization of novel near-infrared luminescent linear copolymers based on Er, Nd and Yb-complexes. RSC Advances, 2014, 4, 57393-57401.	1.7	15
1298	Efficient photoluminescent complexes of 400â€“1800 nm wavelength emitting lanthanides containing organic sensitizers for optoelectronic devices. RSC Advances, 2014, 4, 63696-63711.	1.7	38
1299	Tools for studying aqueous enantioselective lanthanide-catalyzed Mukaiyama aldol reactions. Catalysis Science and Technology, 2014, 4, 4129-4137.	2.1	16
1300	Nanostructured and/or Nanoscale Lanthanide Metal-Organic Frameworks. Structure and Bonding, 2014, , 297-367.	1.0	9
1301	Multidentate Europium Chelates as Luminoionophores for Anion Recognition: Impact of Ligand Design on Sensitivity and Selectivity, and Applicability to Enzymatic Assays. Chemistry - A European Journal, 2014, 20, 5298-5308.	1.7	32
1302	Rectangle versus Square Oxalate-Connective Tetralanthanide Cluster Anchored in Lacunary Lindqvist Isopolytungstates: Syntheses, Structures, and Properties. Crystal Growth and Design, 2014, 14, 5495-5505.	1.4	35
1303	Influence of Uncoordinated Anion-Radical TCNQâ¸¢ on the Photo- and Electroluminescence Properties of Eu3+ and Tb3+ Tris(Pyrazolyl)Borate Complexes. Theoretical and Experimental Chemistry, 2014, 50, 167-174.	0.2	0
1304	Review: Lanthanide coordination chemistry: from old concepts to coordination polymers. Journal of Coordination Chemistry, 2014, 67, 3706-3733.	0.8	240

#	Article	IF	Citations
1305	Lanthanide nano-drums: a new class of molecular nanoparticles for potential biomedical applications. Faraday Discussions, 2014, 175, 241-255.	1.6	5
1306	Luminescent Lanthanide Metalâ€“Organic Frameworks. Structure and Bonding, 2014, , 109-144.	1.0	20
1307	The effects of structural characterization on the luminescence of Eu³⁺-doped fluoride nano/microcrystals. CrystEngComm, 2014, 16, 11115-11121.	1.3	13
1308	Selective chromo-fluorogenic detection of DFP (a Sarin and Soman mimic) and DCNP (a Tabun mimic) with a unique probe based on a boron dipyrromethene (BODIPY) dye. Organic and Biomolecular Chemistry, 2014, 12, 8745-8751.	1.5	38
1309	Luminescent hybrid materials based on covalent attachment of Eu(iii)-tris(bipyridinedicarboxylate) in the mesoporous silica host MCM-41. Dalton Transactions, 2014, 43, 8318.	1.6	18
1310	Surface-plasmon induced polarized emission from Eu(iii) â€“ a class of luminescent lanthanide ions. Chemical Communications, 2014, 50, 9010.	2.2	15
1311	Visible and near-infrared luminescent mesoporous titania microspheres functionalized with lanthanide complexes: microstructure and luminescence with visible excitation. RSC Advances, 2014, 4, 28481.	1.7	26
1312	A series of Ln-p-chlorobenzoic acidâ€“terpyridine complexes: lanthanide contraction effects, supramolecular interactions and luminescent behavior. CrystEngComm, 2014, 16, 1873.	1.3	77
1313	Mesoporous silica-coated luminescent Eu³⁺doped GdVO₄nanoparticles for multimodal imaging and drug delivery. RSC Advances, 2014, 4, 45687-45695.	1.7	31
1314	Hydrogen bonded-extended lanthanide coordination polymers decorated with 2,3-thiophenedicarboxylate and oxalate: synthesis, structures, and properties. CrystEngComm, 2014, 16, 10824-10829.	1.3	15
1315	In-depth exploration of the photophysics of a trinuclear palladium complex. Physical Chemistry Chemical Physics, 2014, 16, 8332-8338.	1.3	10
1316	Construction of three pH-dependent luminescent metalâ€“organic frameworks with 3-(4-carboxyphen-yl)-1,3-benzoimidazole. CrystEngComm, 2014, 16, 3883.	1.3	19
1317	A cobalt-containing pseudosandwich-type polyoxometalate based on a lacunary Lindqvist polyoxovanadate. CrystEngComm, 2014, 16, 1187.	1.3	9
1318	Anion dependent self-assembly of 56-metal Cdâ€“Ln nanoclusters with enhanced near-infrared luminescence properties. Nanoscale, 2014, 6, 10569-10573.	2.8	24
1319	Synthesis, novel luminescence properties, and surface-enhanced Raman scattering of Au/Y₂O₃:Eu³⁺composite nanotubes. Dalton Transactions, 2014, 43, 14720-14725.	1.6	22
1320	Dramatically Enhanced Luminescence of Layered Terbium Hydroxides as Induced by the Synergistic Effect of Gd³⁺ and Organic Sensitizers. Journal of Physical Chemistry C, 2014, 118, 14511-14520.	1.5	44
1321	Non-collinear spin DFT for lanthanide ions in doped hexagonal NaYF₄. Molecular Physics, 2014, 112, 546-556.	0.8	19
1322	Exploring the Reaction Coordinates for fâ€“f Emission and Quenching of Lanthanide Complexes â€“ Thermosensitivity of Terbium(III) Luminescence. Journal of Chemical Theory and Computation, 2014, 10, 4184-4188.	2.3	30

#	Article	IF	Citations
1323	A Luminescent Mixed-Lanthanide-Organic Framework Sensor for Decoding Different Volatile Organic Molecules. Analytical Chemistry, 2014, 86, 6648-6653.	3.2	91
1324	A series of lanthanideâ€“organic frameworks possessing arrays of 2D intersecting channels within a 3D pillar-supported packed double-decker network and Co²⁺-induced luminescence modulation. CrystEngComm, 2014, 16, 8852-8862.	1.3	13
1325	Towards full-color-tunable emission of two component Eu(<scp>iii</scp>)-doped Gd(<scp>iii</scp>) coordination frameworks by the variation of excitation light. Dalton Transactions, 2014, 43, 12574-12581.	1.6	30
1326	A new D2d-symmetry DyIII mononuclear single-molecule magnet containing a monodentate N-heterocyclic donor ligand. CrystEngComm, 2014, 16, 2283-2289.	1.3	25
1327	Eu(III) and Tb(III) Complexes with the Nonsteroidal Anti-Inflammatory Drug Carprofen: Synthesis, Crystal Structure, and Photophysical Properties. Inorganic Chemistry, 2014, 53, 12275-12282.	1.9	55
1328	Modifying the properties of 4f single-ion magnets by peripheral ligand functionalisation. Chemical Science, 2014, 5, 1650-1660.	3.7	159
1329	Highly sensitized near-infrared luminescence in Irâ€“Ln heteronuclear coordination polymers via light-harvesting antenna of Ir(iii) unit. Journal of Materials Chemistry C, 2014, 2, 1698.	2.7	35
1330	An electrodeposited lanthanide MOF thin film as a luminescent sensor for carbonate detection in aqueous solution. Journal of Materials Chemistry C, 2014, 2, 8683-8690.	2.7	119
1331	Luminescence behaviour in acetonitrile and in the solid state of a series of lanthanide complexes with a single helical ligand. New Journal of Chemistry, 2014, 38, 1225-1234.	1.4	47
1332	Al₂O₃â€“Gd₂O₃ double-films grown on graphene directly by H₂O-assisted atomic layer deposition. RSC Advances, 2014, 4, 44296-44301.	1.7	11
1333	Supramolecular self-assembly enhanced europium(iii) luminescence under visible light. Soft Matter, 2014, 10, 4686.	1.2	29
1334	Sm and Eu(<scp>iii</scp>) lanthanide triple helicate cages based on N,Nâ€²-methylene-bis(pyridin-4-one). Inorganic Chemistry Frontiers, 2014, 1, 226-230.	3.0	20
1335	Photoluminescent layered lanthanideâ€“organic framework based on a novel trifluorotriphosphonate organic linker. CrystEngComm, 2014, 16, 344-358.	1.3	21
1336	Near-infrared (NIR) luminescent metallopolymers based on Ln4(Salen)4 nanoclusters (Ln = Nd or Yb). Journal of Materials Chemistry C, 2014, 2, 1489.	2.7	30
1337	Covalent lanthanide(<scp>iii</scp>) macrocyclic complexes: the bonding nature and optical properties of a promising single antenna molecule. Physical Chemistry Chemical Physics, 2014, 16, 25978-25988.	1.3	11
1338	Photophysical evaluation of a new functional terbium complex in FRET-based time-resolved homogenous fluoroassays. Physical Chemistry Chemical Physics, 2014, 16, 6060.	1.3	14
1339	Polymorphic Ln(iii) and BPTC-based porous metalâ€“organic frameworks with visible, NIR photoluminescent and magnetic properties. CrystEngComm, 2014, 16, 2440.	1.3	18
1340	Efficient visible and near-infrared photoluminescent attapulgite-based lanthanide one-dimensional nanomaterials assembled by ion-pairing interactions. Dalton Transactions, 2014, 43, 7903-7910.	1.6	27

#	Article	IF	Citations
1341	Study on the interaction behavior of lysozyme with lanthanide ions by flow injection chemiluminescence analysis. RSC Advances, 2014, 4, 18694.	1.7	2
1342	A new family of Ln₇ clusters with an ideal D_{3h} metal-centered trigonal prismatic geometry, and SMM and photoluminescence behaviors. Dalton Transactions, 2014, 43, 11456-11460.	1.6	44
1343	Experimental Studies and Mechanism Analysis of High-Sensitivity Luminescent Sensing of Pollutional Small Molecules and Ions in Ln₄O₄ Cluster Based Microporous Metalâ€“Organic Frameworks. Journal of Physical Chemistry C, 2014, 118, 416-426.	1.5	303
1344	Lanthanide based tuning of luminescence in MOFs and dense frameworks â€“ from mono- and multimetal systems to sensors and films. Chemical Communications, 2014, 50, 8093.	2.2	314
1345	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
1346	Anion-Dependent Assembly of Four Sensitized Near-Infrared Luminescent Heteronuclear Zn^{II}â€“Yb^{III} Schiff Base Complexes from a Trinuclear Zn^{II} Complex. Inorganic Chemistry, 2014, 53, 9625-9632.	1.9	19
1347	Sensitized Near-Infrared Emission from Ir^{III}-Ln^{III} (Ln = Nd, Yb, Er) Bimetallic Complexes with a (N^{â^§}O)(N^{â^§}O) Bridging Ligand. Organometallics, 2014, 33, 3275-3282.	1.1	22
1348	o-Oxazolinyl- ando-Thiazolinylphenol as Antennae in Luminescent EuIIIand TbIIIComplexes. European Journal of Inorganic Chemistry, 2014, 2014, 4896-4906.	1.0	6
1349	Failure of ESI Spectra to Represent Metal-Complex Solution Composition: A Study of Lanthanideâ€“Carboxylate Complexes. Analytical Chemistry, 2014, 86, 1023-1029.	3.2	33
1350	Mesoporous Cerium Phosphonate Nanostructured Hybrid Spheres as Label-Free Hg²⁺ Fluorescent Probes. ACS Applied Materials & Interfaces, 2014, 6, 16344-16351.	4.0	47
1351	Photoluminescent europium(III) complex intercalated in natural and synthetic clay minerals for enhanced latent fingerprint detection. Applied Clay Science, 2014, 101, 52-59.	2.6	35
1352	Engineering lanthanide-based materials for nanomedicine. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2014, 20, 71-96.	5.6	85
1353	Facile sonochemical synthesis and morphology control of CePO4 nanostructures via an oriented attachment mechanism: Application as luminescent probe for selective sensing of Pb2+ ion in aqueous solution. Materials Science and Engineering C, 2014, 42, 774-781.	3.8	28
1354	Synthesis and spectral analysis of Sm:BaB4O7 microfibers embedded in borate glass. Journal of Luminescence, 2014, 155, 52-57.	1.5	9
1355	Europium-doped nanocrystalline Y2O3â^'La2O3 solid solutions with bixbyite structure. Journal of Physics and Chemistry of Solids, 2014, 75, 1152-1159.	1.9	12
1356	Europium-Complex-Grafted Polymer Dots for Amplified Quenching and Cellular Imaging Applications. Langmuir, 2014, 30, 8607-8614.	1.6	36
1357	Pump power induced tunable upconversion emissions from Er³⁺/Tm³⁺/Yb³⁺ions tri-doped SrY₂O₄nanocrystalline phosphors. New Journal of Chemistry, 2014, 38, 3413.	1.4	24
1358	Dimensional and Coordination Number Reductions in a Large Family of Lanthanide Tellurite Sulfates. Inorganic Chemistry, 2014, 53, 8555-8564.	1.9	16

#	Article	IF	Citations
1359	Yellow-green electroluminescence of samarium complexes of 8-hydroxyquinoline. Journal of Luminescence, 2014, 156, 219-228.	1.5	19
1360	Enhanced Luminescence in Ln³⁺-Doped Y₂WO₆ (Sm, Eu, Dy) 3D Microstructures through Gd³⁺ Codoping. Inorganic Chemistry, 2014, 53, 9498-9508.	1.9	70
1361	Exceptional Oxygen Sensing Properties of New Blue Lightâ€Excitable Highly Luminescent Europium(III) and Gadolinium(III) Complexes. Advanced Functional Materials, 2014, 24, 6548-6560.	7.8	52
1362	(BMI)₃LnCl₆ Crystals as Models for the Coordination Environment of LnCl₃ (Ln = Sm, Eu, Dy, Er, Yb) in 1-Butyl-3-methylimidazolium Chloride Ionic-Liquid Solution. Inorganic Chemistry, 2014, 53, 5494-5501.	1.9	25
1363	Preparation of N,N-Dialkylcarbamato Lanthanide Complexes by Extraction of Lanthanide Ions from Aqueous Solution into Hydrocarbons. Inorganic Chemistry, 2014, 53, 4861-4871.	1.9	17
1365	Ordered and flexible lanthanide complex thin films showing up-conversion and color-tunable luminescence. Journal of Materials Chemistry C, 2014, 2, 9579-9586.	2.7	79
1366	Role of Li⁺ion in the luminescence enhancement of lanthanide ions: favorable modifications in host matrices. RSC Advances, 2014, 4, 27039-27061.	1.7	141
1367	A dysprosium-based metal-organic framework: Synthesis, characterization, crystal structure and interaction with calf thymus-DNA and bovine serum albumin. Journal of Chemical Sciences, 2014, 126, 1115-1124.	0.7	5
1368	Direct Observation of 4f Intrashell Excitation in Luminescent Eu Complexes by Time-Resolved X-ray Absorption Near Edge Spectroscopy. Journal of the American Chemical Society, 2014, 136, 4186-4191.	6.6	33
1369	Heptanuclear lanthanide [Ln7] clusters: from blue-emitting solution-stable complexes to hybrid clusters. Dalton Transactions, 2014, 43, 12486-12494.	1.6	18
1370	A series of lanthanide(<scp>iii</scp>) complexes constructed from Schiff base and Î²-diketonate ligands. CrystEngComm, 2014, 16, 10460-10468.	1.3	23
1371	Solid solubility of rare earth elements (Nd, Eu, Tb) in In_{2â€™x}Sn_xO₃ â€“ effect on electrical conductivity and optical properties. Dalton Transactions, 2014, 43, 9620-9632.	1.6	18
1372	Synthesis, structure and luminescent properties of a new Vernier phase Lu7O6F9 doped by Eu3+ as potential scintillator with unique lath tube architectur. Journal of Rare Earths, 2014, 32, 686-690.	2.5	12
1373	Heterodinuclear (Sm, Tb) lanthanide pivalates with heterocyclic N-donors: synthesis, structure, thermal behavior, and magnetic and photoluminescence properties. Dalton Transactions, 2014, 43, 18104-18116.	1.6	25
1374	Oxalato-Bridged Neutral Octanuclear Heterometallic Complexes [Ln₄K₄(L)₄(Î¼-H₂O)₄(NO₃)₂(Î¼-Ox)] (Ln = Dy(III), Gd(III), Tb(III), Ho(III); LH₃ =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 Td (N[CH₂CH₂su	1.4	13
1375	Properties. Crystal Growth and Design, 2014, 14, 4583-4592. Lanthanide Template Synthesis of a Molecular Trefoil Knot. Journal of the American Chemical Society, 2014, 136, 13142-13145.	6.6	72
1376	Luminescent nanoparticles prepared by encapsulating lanthanide chelates to silica sphere. Colloid and Polymer Science, 2014, 292, 1385-1393.	1.0	11
1377	Synthesis and trivalent lanthanide ion complexation studies of new macrocyclic receptors based lactam ionophores. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 303-312.	0.9	4

#	Article	IF	Citations
1378	Luminescent Metalâ€“Organic Framework Films As Highly Sensitive and Fast-Response Oxygen Sensors. Journal of the American Chemical Society, 2014, 136, 5527-5530.	6.6	319
1379	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
1380	Revised crystal structure and luminescent properties of gadolinium oxyfluoride Gd₄O₃F₆doped with Eu³⁺ions. Dalton Transactions, 2014, 43, 6925-6934.	1.6	42
1381	Supramolecular Luminescent Lanthanide Dimers for Fluoride Sequestering and Sensing. Angewandte Chemie - International Edition, 2014, 53, 7259-7263.	7.2	85
1382	Novel lanthanide pH fluorescent probes based on multiple emissions and its visible-light-sensitized feature. Analytica Chimica Acta, 2014, 839, 51-58.	2.6	27
1383	Photofragmentation of Gas-Phase Lanthanide Cyclopentadienyl Complexes: Experimental and Time-Dependent Excited-State Molecular Dynamics. Organometallics, 2014, 33, 1574-1586.	1.1	8
1384	Electrooptical properties of mesogenic rare-earth complexes in isotropic melts. Doklady Physical Chemistry, 2014, 455, 64-66.	0.2	2
1385	Synthesis of <scp><scp>LaOF</scp></scp>:<scp><scp>Eu</scp></scp>³⁺ Nanoparticles with Strong Luminescence Enhanced by Organic Ligands. Journal of the American Ceramic Society, 2014, 97, 1931-1936.	1.9	7
1386	Near-Infrared Luminescent PMMA-Supported Metallopolymers Based on Znâ€“Nd Schiff-Base Complexes. Inorganic Chemistry, 2014, 53, 5950-5960.	1.9	58
1387	Lanthanide-Doped Luminescent Nanomaterials. Nanomedicine and Nanotoxicology, 2014, , .	0.1	52
1388	Ln(IO3)3 (Ln = Ce, Nd, Eu, Gd, Er, Yb) Polycrystals As Novel Photocatalysts for Efficient Decontamination under Ultraviolet Light Irradiation. Inorganic Chemistry, 2014, 53, 4989-4993.	1.9	15
1389	Reverse Lyotropic Liquid Crystals from Europium Nitrate and P123 with Enhanced Luminescence Efficiency. Journal of Physical Chemistry B, 2014, 118, 11581-11590.	1.2	16
1390	Mixed anion-induced Salen-based Zn2Ln3 (Ln=Nd, Yb or Er) complexes with near-infrared (NIR) luminescent properties. Inorganic Chemistry Communication, 2014, 43, 151-154.	1.8	4
1391	Europium fluoride based luminescent materials: From hydrogels to porous cryogels, and crystalline NaEuF4 and EuF3 micro/nanostructures. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 179, 48-51.	1.7	8
1392	Synthesis, mesomorphic, photophysical and computational studies of new achiral four-ring unsymmetrical bent-core mesogens and their Copper(II) complexes. Liquid Crystals, 2014, 41, 1367-1381.	0.9	6
1393	How to Build a Timeâ€Gated Luminescence Microscope. Current Protocols in Cytometry, 2014, 67, 2.22.1-2.22.36.	3.7	23
1394	The influence of europium(III) and terbium(III) on the electronic system of impudent tripodal ligand: Binding, spectrophotometric and theoretical investigations. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 287, 49-64.	2.0	10
1395	Systematic analysis of spectroscopic characteristics of the lanthanide and actinide ions with the 4f and 5f (N= 1â€¦14) electronic configurations in a free state. Journal of Alloys and Compounds, 2014, 599, 93-101.	2.8	11

#	Article	IF	Citations
1396	Synthesis, crystal structures and fluorescence properties of dinuclear Tb(III) and Sm(III) complexes with 2,4,6-tri(2-pyridyl)-1,3,5-triazine and halogenated benzoic acid. Inorganica Chimica Acta, 2014, 414, 39-45.	1.2	42
1397	Structure, magnetic and luminescence properties of the lanthanide complexes Ln2(Salphen)3Â·H2O (Ln=Pr, Nd, Sm, Eu, Gd, Tb, Dy; H2Salphen=N,Nâ€²-bis(salicylidene)-1,2-phenylenediamine). Inorganica Chimica Acta, 2014, 414, 97-104.	1.2	31
1398	The sensitivity and selectivity properties of a fluorescence sensor based on quinoline-Bodipy. Journal of Luminescence, 2014, 145, 608-614.	1.5	29
1399	The synthesis of luminescent lanthanide-based chemosensors forÂthe detection of zinc ions. Tetrahedron, 2014, 70, 4367-4372.	1.0	22
1400	Specific Chiral Sensing of Amino Acids Using Induced Circularly Polarized Luminescence of Bis(diimine)dicarboxylic Acid Europium(III) Complexes. Inorganic Chemistry, 2014, 53, 5527-5537.	1.9	65
1401	Multistimuliâ€Responsive Supramolecular Gels: Design Rationale, Recent Advances, and Perspectives. ChemPhysChem, 2014, 15, 2421-2430.	1.0	77
1402	Luminescence properties of single-phase SrMg₂La₂W₂O₁₂:Tb³⁺, Sm³⁺, Tm³⁺ phosphor for multicolor- and white light-emitting LEDs. Materials Research Express, 2014, 1, 016201.	0.8	22
1403	Europium and Terbium Coordination Polymers Assembled from Hexacarboxylate Ligands: Structures and Luminescent Properties. Crystal Growth and Design, 2014, 14, 1010-1017.	1.4	65
1404	Advances in lanthanideâ€based luminescent peptide probes for monitoring the activity of kinase and phosphatase. Biotechnology Journal, 2014, 9, 241-252.	1.8	34
1405	Low-Temperature Fluorination Route to Lanthanide-Doped Monoclinic ScOF Host Material for Tunable and Nearly Single Band Up-Conversion Luminescence. Journal of Physical Chemistry C, 2014, 118, 10314-10320.	1.5	34
1406	Tetranuclear Lanthanide(III) Complexes with a Zigzag Topology from the Use of Pyridine-2,6-dimethanol: Synthetic, Structural, Spectroscopic, Magnetic and Photoluminescence Studies. Inorganic Chemistry, 2014, 53, 3220-3229.	1.9	46
1407	Self-assembly of Terbium(III)-based metalâ€“organic complexes with two-photon absorbing active. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 134-140.	2.0	3
1408	Studies on the gel behavior and luminescence properties of biological surfactant sodium deoxycholate/rare-earth salts mixed systems. Journal of Colloid and Interface Science, 2014, 431, 82-89.	5.0	33
1409	Effect of Lanthanide Complex Structure on Cell Viability and Association. Inorganic Chemistry, 2014, 53, 6013-6021.	1.9	17
1410	Photoluminescent microrods from the self-assembly of a biomimetic molecule: Application for the optical detection of pyrrole. Sensors and Actuators B: Chemical, 2014, 202, 690-698.	4.0	8
1411	Synthesis, characterization and thermolysis of lanthanide metal nitrate complexes with 1, 10-phenanthroline, Part-95. Journal of Rare Earths, 2014, 32, 545-552.	2.5	9
1412	Recent development in lanthanide coordination compounds for biomedical imaging applications. Polyhedron, 2014, 83, 150-158.	1.0	19
1414	Thermo-stable Lanthanoid Coordination Nanoparticles Composed of Luminescent Eu(III) Complexes and Organic Joint Ligands Using Micelle Techniques in Water. Bulletin of the Chemical Society of Japan, 2014, 87, 1386-1390.	2.0	7

#	Article	IF	Citations
1415	Quinoxaline Dendrimers at the Airâ€“Aqueous Interface and Their Photoluminescent Properties. Chemistry Letters, 2014, 43, 1303-1305.	0.7	1
1416	Efficient 4fâ€“5d Emission Processes of Ce3+ Complexes with Benzimidazole-based Tetradentate Ligands. Chemistry Letters, 2014, 43, 1496-1498.	0.7	5
1419	A Bis(pyridine Nâ€oxide) Analogue of DOTA: Relaxometric Properties of the Gd^{III} Complex and Efficient Sensitization of Visible and NIRâ€Emitting Lanthanide(III) Cations Including Pr^{III} and Ho^{III}. Chemistry - A European Journal, 2014, 20, 14834-14845.	1.7	29
1420	Dissolutionâ€Enhanced Luminescent Bioassay Based on Inorganic Lanthanide Nanoparticles. Angewandte Chemie - International Edition, 2014, 53, 12498-12502.	7.2	48
1422	Investigation of the Photophysical Properties of a Eu3+ Coordination Polymer Bearing an Î±-Nitrile Substituted Î²-Diketonate Ligand via Emission and Ultrafast Transient Absorption Spectroscopy. Australian Journal of Chemistry, 2015, 68, 1392.	0.5	5
1423	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Ybâ‹…DTMA]³⁺ in Aqueous Solution. Angewandte Chemie - International Edition, 2015, 54, 10783-10786.	7.2	52
1424	Spectroscopic and Crystal Field Consequences of Fluoride Binding by [Ybâ‹…DTMA]³⁺ in Aqueous Solution. Angewandte Chemie, 2015, 127, 10933-10936.	1.6	16
1425	Thermodynamics of Selfâ€Assembly of Dicarboxylate Ions with Binuclear Lanthanide Complexes. ChemistryOpen, 2015, 4, 509-515.	0.9	12
1426	Novel hybrid luminescent materials derived from multicarboxy cage silsesquioxanes and terbium ion. Journal of the Ceramic Society of Japan, 2015, 123, 719-724.	0.5	5
1428	Multiconfiguration Dirac-Hartree-Fock calculations of excitation energies, oscillator strengths, and hyperfine structure constants for low-lying levels of Sm I. Physical Review A, 2015, 92, .	1.0	10
1429	Quantitative analysis of doped/undoped ZnO nanomaterials using laser assisted atom probe tomography: Influence of the analysis parameters. Journal of Applied Physics, 2015, 118, .	1.1	35
1430	Preparation and Characterization of Yttrium Hydroxide and Oxide Doped with Rare Earth Ions (Eu3+,) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	10
1432	A Ratiometric Luminescent Thermometer Coâ€doped with Lanthanide and Transition Metals. Chemistry - an Asian Journal, 2015, 10, 2720-2724.	1.7	30
1434	Lanthanide Luminescence Modulation by Cationâ€“Ï€ Interaction in a Bioinspired Scaffold: Selective Detection of Copper(I). Angewandte Chemie - International Edition, 2015, 54, 11453-11456.	7.2	28
1435	Encapsulation of Ln^{III} Ions/Dyes within a Microporous Anionic MOF by Postâ€synthetic Ionic Exchange Serving as a Ln^{III} Ion Probe and Twoâ€Color Luminescent Sensors. Chemistry - A European Journal, 2015, 21, 9748-9752.	1.7	123
1436	Thermostable Nano Luminophores Composed of Europium Ions and Organic Ligands. E-Journal of Surface Science and Nanotechnology, 2015, 13, 219-222.	0.1	3
1437	Lanthanoid/Alkali Metal Î²â€Triketonate Assemblies: A Robust Platform for Efficient NIR Emitters. Chemistry - A European Journal, 2015, 21, 18354-18363.	1.7	24
1438	Preparation of Lanthanideâ€Polymer Composite Material via Click Chemistry. Macromolecular Rapid Communications, 2015, 36, 1836-1840.	2.0	7

#	Article	IF	Citations
1439	Highly Luminescent, Waterâ€Soluble Lanthanide Fluorobenzoates: Syntheses, Structures and Photophysics, Part I: Lanthanide Pentafluorobenzoates. Chemistry - A European Journal, 2015, 21, 17921-17932.	1.7	58
1441	Betaâ€Sheetâ€Forming, Selfâ€Assembled Peptide Nanomaterials towards Optical, Energy, and Healthcare Applications. Small, 2015, 11, 3623-3640.	5.2	161
1442	Synthesis and Characterisation of the Europium (III) Dimolybdo-Enneatungsto-Silicate Dimer, [Eu(Î±-SiW9Mo2O39)2]13â^'. Inorganics, 2015, 3, 341-354.	1.2	8
1443	Solvatochromic and Single Crystal Studies of Two Neutral Triarylmethane Dyes with a Quinone Methide Structure. Molecules, 2015, 20, 20688-20698.	1.7	4
1444	Synthesis and Photoluminescence Properties of Nonanuclear Tb(III) Clusters with Long Alkyl Chain Group. E-Journal of Surface Science and Nanotechnology, 2015, 13, 27-30.	0.1	2
1445	Investigations into Luminescent Properties of Sm(III), Eu(III), Tb(III) and Dy(III) Complexes of Some Schiff-base Ligands. Journal of Institute of Science and Technology, 2015, 19, 19-24.	0.2	0
1446	A New La(III) Isophthalate With High Thermal Stability. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 521-523.	0.6	0
1447	Hybrid luminescence materials assembled by [Ln(DPA)3]3â^' and mesoporous host through ion-pairing interactions with high quantum efficiencies and long lifetimes. Scientific Reports, 2015, 5, 8385.	1.6	44
1448	Target-Triggered Switching on and off the Luminescence of Lanthanide Coordination Polymer Nanoparticles for Selective and Sensitive Sensing of Copper Ions in Rat Brain. Analytical Chemistry, 2015, 87, 6834-6841.	3.2	93
1449	Recent advances in acylpyrazolone metal complexes and their potential applications. Coordination Chemistry Reviews, 2015, 303, 1-31.	9.5	98
1450	Two novel benzene sulfonamide-modified luminescent nanosystems and their sensing features. Journal of Sol-Gel Science and Technology, 2015, 76, 164-170.	1.1	4
1451	Multistimuliâ€responsive White Luminescent Fluids Using Hybrid Lanthanide Metalâ€“Coordinate Complex Probes. Advanced Optical Materials, 2015, 3, 1041-1046.	3.6	31
1452	A novel fluorescence probe for sensing organic amine vapors from a Eu³⁺Î²-diketonate functionalized bio-MOF-1 hybrid system. Journal of Materials Chemistry C, 2015, 3, 7038-7044.	2.7	83
1453	Structural effects on the photophysical properties of mono-Î²-diketonate and bis-Î²-diketonate Eu^{III} complexes. Physical Chemistry Chemical Physics, 2015, 17, 16136-16144.	1.3	53
1454	Assembly of near infra-red emitting upconverting nanoparticles and multiple Gd(iii)-chelates as a potential bimodal contrast agent for MRI and optical imaging. Dalton Transactions, 2015, 44, 11331-11339.	1.6	19
1455	Multi-component luminescent lanthanide hybrids of both functionalized IRMOF-3 and SBA-15. New Journal of Chemistry, 2015, 39, 5898-5901.	1.4	17
1456	Assembly of three Nd(<scp>iii</scp>) 2,6-naphthalenedicarboxylates (ndc^{2â^'}) 3D coordination polymers based on various secondary building units (SBUs): structural diversity and gas sorption properties. RSC Advances, 2015, 5, 92378-92386.	1.7	6
1457	Solvent induced synthesis, structure and properties of coordination polymers based on 5-hydroxyisophthalic acid as linker and 1,10-phenanthroline as auxiliary ligand. Journal of Solid State Chemistry, 2015, 231, 239-247.	1.4	11

#	Article	IF	Citations
1458	Subwavelength imaging through ion-beam-induced upconversion. Nature Communications, 2015, 6, 8832.	5.8	38
1459	The electronic properties of mixed valence hydrated europium chloride thin film. Physical Chemistry Chemical Physics, 2015, 17, 18403-18412.	1.3	12
1460	Selective recovery of rare earth elements using chelating ligands grafted on mesoporous surfaces. RSC Advances, 2015, 5, 103782-103789.	1.7	47
1461	Enhancement of near-infrared luminescence of ytterbium in triple-stranded binuclear helicates. Physical Chemistry Chemical Physics, 2015, 17, 30510-30517.	1.3	38
1462	Structures and Properties of Luminescent Pentanitratoeuropate(III) Ionic Liquids. European Journal of Inorganic Chemistry, 2015, 2015, 542-551.	1.0	17
1463	Two- and three-dimensional lanthanide-based coordination polymers assembled by the synergistic effect of various lanthanide radii and flexibility of a new binicotinate-containing ligand: in situ synthesis, structures, and properties. RSC Advances, 2015, 5, 2239-2248.	1.7	21
1464	Layered exfoliable crystalline materials based on Sm-, Eu- and Eu/Gd-2-phenylsuccinate frameworks. Crystal structure, topology and luminescence properties. Dalton Transactions, 2015, 44, 3417-3429.	1.6	38
1465	A Highâ€Temperature Molecular Ferroelectric Zn/Dy Complex Exhibiting Singleâ€Ionâ€Magnet Behavior and Lanthanide Luminescence. Angewandte Chemie - International Edition, 2015, 54, 2236-2240.	7.2	220
1466	Four unexpected lanthanide coordination polymers involving in situ reaction of solvent N, N-Dimethylformamide. Journal of Solid State Chemistry, 2015, 225, 216-221.	1.4	8
1467	Synthesis, characterization and oscillator-vibrated near-infrared (NIR) luminescence of two pseudo-polymorphic [Yb4((OH)2-Salophen)4] complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 142, 188-195.	2.0	1
1468	Novel luminescent lanthanide complexes assembling alumina/titania/silica hybrids through 2-phenylmalonic acid linkage. Journal of Non-Crystalline Solids, 2015, 413, 34-38.	1.5	4
1469	Luminescent lanthanide MOFs based on conjugated 1,1â€²-ethynebenzene-3,3â€²,5,5â€²-tetracarboxylate ligand: syntheses, structures and photoluminescent properties. Dalton Transactions, 2015, 44, 5746-5754.	1.6	28
1470	Tailoring functionality through synthetic strategy in heterolanthanide assemblies. Inorganic Chemistry Frontiers, 2015, 2, 213-222.	3.0	17
1471	Advances in the lanthanide metallosupramolecular chemistry of the cucurbit[n]urils. Coordination Chemistry Reviews, 2015, 287, 89-113.	9.5	106
1472	Effective Photosensitized Energy Transfer of Nonanuclear Terbium Clusters Using Methyl Salicylate Derivatives. Journal of Physical Chemistry A, 2015, 119, 1943-1947.	1.1	24
1473	Reactions of Rare Earth Hydrated Nitrates and Oxides with Formamide: Relevant to Recycling Rare Earth Metals. Crystal Growth and Design, 2015, 15, 1119-1128.	1.4	11
1474	Covalency in Lanthanides. An X-ray Absorption Spectroscopy and Density Functional Theory Study of LnCl₆^{xâ€“}(x= 3, 2). Journal of the American Chemical Society, 2015, 137, 2506-2523.	6.6	182
1475	Synthesis, crystal structure and fluorescence properties of terbium complexes with phenoxyacetic acid and 2,4,6â€trisâ€(2â€pyridyl)â€sâ€“triazine. Luminescence, 2015, 30, 835-841.	1.5	8

#	Article	IF	Citations
1476	Ag⁺-sensitized lanthanide luminescence in Ln³⁺ post-functionalized metalâ€“organic frameworks and Ag⁺ sensing. Journal of Materials Chemistry A, 2015, 3, 4788-4792.	5.2	131
1477	Time-resolved luminescent biosensing based on inorganic lanthanide-doped nanoprobes. Chemical Communications, 2015, 51, 4129-4143.	2.2	85
1478	Influence of the coordination environment on slow magnetic relaxation and photoluminescence behavior in two mononuclear dysprosium(<scp>iii</scp>) based single molecule magnets. Dalton Transactions, 2015, 44, 5086-5094.	1.6	50
1479	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
1480	Metalâ€“Organic Frameworks Constructed from <scp>d</scp>-Camphor Acid: Bifunctional Properties Related to Luminescence Sensing and Liquid-Phase Separation. ACS Applied Materials & Interfaces, 2015, 7, 4449-4455.	4.0	50
1481	Homodinuclear lanthanide {Ln₂} (Ln = Gd, Tb, Dy, Eu) complexes prepared from an o-vanillin based ligand: luminescence and single-molecule magnetism behavior. Dalton Transactions, 2015, 44, 4328-4340.	1.6	71
1482	Nanoparticles in Photodynamic Therapy. Chemical Reviews, 2015, 115, 1990-2042.	23.0	2,342
1483	Aqueous Complexation of Y^{III}, La^{III}, Nd^{III}, Sm^{III}, Eu^{III}, and Yb^{III} with Some Heterocyclic Substituted Î²â€Diketones. European Journal of Inorganic Chemistry, 2015, 2015, 1074-1082.	1.0	21
1484	Upconversion of Rare Earth Nanomaterials. Annual Review of Physical Chemistry, 2015, 66, 619-642.	4.8	127
1485	[Bmim]₂SbCl₅: a main group metal-containing ionic liquid exhibiting tunable photoluminescence and white-light emission. Chemical Communications, 2015, 51, 3094-3097.	2.2	147
1486	Lanthanide Metal-Organic Frameworks. Structure and Bonding, 2015, , .	1.0	33
1487	Fast fabrication of transparent and multi-luminescent TEMPO-oxidized nanofibrillated cellulose nanopaper functionalized with lanthanide complexes. Journal of Materials Chemistry C, 2015, 3, 2511-2517.	2.7	56
1488	Temporal full-colour tuning through non-steady-state upconversion. Nature Nanotechnology, 2015, 10, 237-242.	15.6	834
1489	Lanthanide Terpyridineâ€Based Assemblies: Towards Dual Luminescent Probes. Asian Journal of Organic Chemistry, 2015, 4, 251-255.	1.3	3
1490	Eu³⁺@PMO: synthesis, characterization and luminescence properties. Journal of Materials Chemistry C, 2015, 3, 2909-2917.	2.7	31
1491	Nano- and micro-sized rare-earth carbonates and their use as precursors and sacrificial templates for the synthesis of new innovative materials. Chemical Society Reviews, 2015, 44, 2032-2059.	18.7	74
1492	Monoclonal antibodyâ€“europium conjugate-based lateral flow time-resolved fluoroimmunoassay for quantitative determination of T-2 toxin in cereals and feed. Analytical Methods, 2015, 7, 2822-2829.	1.3	41
1493	Lanthanide Ion Codoped Emitters for Tailoring Emission Trajectory and Temperature Sensing. Advanced Functional Materials, 2015, 25, 1463-1469.	7.8	263

#	Article	IF	Citations
1494	A lanthanide salen â€œsquare prismâ€•and a wrapped exo-lanthanide salen â€œdouble deckerâ€• Dalton Transactions, 2015, 44, 6353-6357.	1.6	6
1495	Luminescent lanthanide coordination polymers synthesized via in-situ hydrolysis of dimethyl-3,4-furandicarboxylate. Journal of Solid State Chemistry, 2015, 225, 402-409.	1.4	13
1496	Yttrium deposition on mesoporous TiO2: textural design and UV decolourization of organic dyes. Bulletin of Materials Science, 2015, 38, 29-40.	0.8	3
1497	PMMA-supported hybrid materials doped with highly near-infrared (NIR) luminescent complexes [Zn(L1)(Py)Ln(L2)3] (Ln = Nd, Yb or Er). New Journal of Chemistry, 2015, 39, 3698-3707.	1.4	31
1498	Engineering lanthanide-optical centres in IRMOF-3 by post-synthetic modification. New Journal of Chemistry, 2015, 39, 4249-4258.	1.4	45
1499	Two series of pH-dependent lanthanide complexes showing solvent-induced single crystal to single crystal transformation, sorption and luminescence properties. CrystEngComm, 2015, 17, 2837-2846.	1.3	29
1500	Reversible Switching of Tb(III) Emission by Sensitization from 2,3-Dihydroxynaphthalene in an Isothermally Reversible Ionic Liquid. Journal of Physical Chemistry Letters, 2015, 6, 893-897.	2.1	7
1501	Syntheses, Structures, and Photophysical Properties of Eu and Lu Diketonates with a Neutral Polydentate Imidazolylmethanamine Ligand. European Journal of Inorganic Chemistry, 2015, 2015, 1734-1743.	1.0	8
1502	Hydrothermal Synthesis, Structures and Luminescent of 1D Lanthanideâ€“Metal Organic Frameworks Based on Rigid 5-Nitroisophthalic Acid Linker. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 551-558.	1.9	0
1503	New NIR-emissive tetranuclear Er(<scp>iii</scp>) complexes with 4-hydroxo-2,1,3-benzothiadiazolate and dibenzoylmethanide ligands: synthesis and characterization. Dalton Transactions, 2015, 44, 5727-5734.	1.6	23
1504	Interpretation of europium(III) spectra. Coordination Chemistry Reviews, 2015, 295, 1-45.	9.5	2,104
1505	Rare Earth Based Anisotropic Nanomaterials: Synthesis, Assembly, and Applications. Nanoscience and Technology, 2015, , 157-208.	1.5	0
1506	How Can Fluctional Chiral Lanthanide (III) Complexes Achieve a High Stereoselectivity in Aqueous Mukaiyama-Aldol Reaction?. ACS Catalysis, 2015, 5, 3731-3739.	5.5	13
1507	Two unique lanthanideâ€“organic frameworks based on biphenyl-2,3,3â€²,5â€²-tetracarboxylic acid: Syntheses, crystal structures and luminescence properties. Polyhedron, 2015, 99, 238-243.	1.0	11
1508	Kinetic study of thermal decomposition of new Eu(III), Tb(III) and Gd(III) complexes with beta-diketone ligands and 4,4-diphenyl-2,2-dipyridyl, chloride of 1,10-phenantrolinium. Inorganic Chemistry Communication, 2015, 60, 15-18.	1.8	0
1509	pH dependent photophysical studies of new europium and terbium complexes of tripodal ligand: Experimental and semiempirical approach. Journal of Luminescence, 2015, 167, 27-44.	1.5	5
1510	Luminescence of Eu3+/Gd3+ co-doped silicate solâ€“gel powders. Journal of Luminescence, 2015, 166, 356-360.	1.5	16
1511	Unique lanthanide frameworks with 63 topology based on 1,5-naphthalenedisulfonate and 1H-imidazo[4,5-f][1,10]-phenanthroline: syntheses, crystal structure, photoluminescence, and white light emission. CrystEngComm, 2015, 17, 6575-6582.	1.3	15

#	Article	IF	Citations
1512	Thermostable Eu(III)-nanorod luminophores with effective photosensitized energy transfer. Journal of Alloys and Compounds, 2015, 648, 651-657.	2.8	11
1513	Controlling dimensionality via a dual ligand strategy in Ln-thiophene-2,5-dicarboxylic acid-terpyridine coordination polymers. Dalton Transactions, 2015, 44, 15843-15854.	1.6	30
1514	Fluorescent polymeric aggregates induced by Eu3+ ions and their surface morphologies. Optical Materials, 2015, 46, 28-33.	1.7	5
1515	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
1516	New solid-state Eu(<scp>iii</scp>)-containing metallo-supramolecular polymers: morphology control and optical wave-guiding properties. Journal of Materials Chemistry C, 2015, 3, 8992-9002.	2.7	13
1517	Highly luminescent charge-neutral europium(iii) and terbium(iii) complexes with tridentate nitrogen ligands. Dalton Transactions, 2015, 44, 15611-15619.	1.6	26
1518	Tuning of the excitation wavelength in Eu³⁺-aminophenyl based polyfluorinated Î²-diketonate complexes: a red-emitting Eu³⁺-complex encapsulated in a silica/polymer hybrid material excited by blue light. Dalton Transactions, 2015, 44, 15924-15937.	1.6	20
1519	Quantifying the formation of chiral luminescent lanthanide assemblies in an aqueous medium through chiroptical spectroscopy and generation of luminescent hydrogels. Faraday Discussions, 2015, 185, 413-431.	1.6	36
1520	Lanthanide Nanoparticles: From Design toward Bioimaging and Therapy. Chemical Reviews, 2015, 115, 10725-10815.	23.0	946
1521	Exploring the effect of remote substituents and solution structure on the luminescence of three lanthanide complexes. Journal of Luminescence, 2015, 167, 296-304.	1.5	31
1522	A new class of thermotropic lanthanidomesogens: Eu(<scp>iii</scp>) nitrate complexes with mesogenic 4-pyridone ligands. Dalton Transactions, 2015, 44, 14196-14199.	1.6	16
1523	Synthesis and investigation of an erbium-containing photosensitive polymer. Polymer Chemistry, 2015, 6, 5430-5436.	1.9	7
1525	Supramolecular Chirality in Self-Assembled Systems. Chemical Reviews, 2015, 115, 7304-7397.	23.0	1,562
1526	Axial fluoride binding by lanthanide DTMA complexes alters the local crystal field, resulting in dramatic spectroscopic changes. Dalton Transactions, 2015, 44, 19509-19517.	1.6	31
1527	Towards multifunctional lanthanide-based metalâ€“organic frameworks. Chemical Communications, 2015, 51, 13313-13316.	2.2	38
1528	Lanthanide mixed-ligand complexes of the [Ln(CAPh)₃(Phen)] and [La_xEu_{1â^'x}(CAPh)₃(Phen)] (CAPh = carbacylamidophosphate) type. A comparative study of their spectral properties. Dalton Transactions, 2015, 44, 15508-15522.	1.6	32
1529	Ratiometric multiplexed barcodes based on luminescent metalâ€“organic framework films. Journal of Materials Chemistry C, 2015, 3, 8413-8418.	2.7	39
1530	Synthetic, structural, and luminescence study of uranyl coordination polymers containing chelating terpyridine and trispyridyltriazine ligands. CrystEngComm, 2015, 17, 6236-6247.	1.3	28

#	Article	IF	Citations
1531	Dopant and excitation wavelength dependent color-tunable white light-emitting Ln³⁺:Y₂WO₆ materials (Ln³⁺ = Sm, Eu, Tb, Dy). Dalton Transactions, 2015, 44, 15022-15030.	1.6	45
1532	Water soluble, cyclometalated Pt(<scp>ii</scp>)â€“Ln(<scp>iii</scp>) conjugates towards novel bimodal imaging agents. Chemical Communications, 2015, 51, 12305-12308.	2.2	24
1533	On the handedness of helical aggregates of C₃ tricarboxamides: a multichiroptical characterization. Chemical Communications, 2015, 51, 9781-9784.	2.2	26
1534	Facile fabrication of color-tunable and white light emitting nano-composite films based on layered rare-earth hydroxides. Journal of Materials Chemistry C, 2015, 3, 2326-2333.	2.7	64
1535	Salen homonuclear and heteronuclear lanthanide(III) complexes with near-infrared (NIR) luminescence. Inorganic Chemistry Communication, 2015, 56, 79-82.	1.8	12
1536	A family of dinuclear lanthanide(<scp>iii</scp>) complexes from the use of a tridentate Schiff base. Dalton Transactions, 2015, 44, 10200-10209.	1.6	60
1537	Two magnetic lanthanideâ€“organic frameworks based on semi-rigid tripodal multicarboxylate ligand and different rod-shaped SBUs. Inorganic Chemistry Communication, 2015, 56, 48-52.	1.8	6
1538	Synthesis of Eu(III) complexes with 2-aminopyridine and 1,10-phenanthroline: Structural, optical, thermal and morphological studies. Sensors and Actuators B: Chemical, 2015, 215, 584-591.	4.0	22
1539	Photofunctional hybrids of lanthanide functionalized bio-MOF-1 for fluorescence tuning and sensing. Journal of Colloid and Interface Science, 2015, 451, 63-68.	5.0	49
1540	Near-infrared (NIR) emitting Nd/Yb(<scp>iii</scp>) complexes sensitized by MLCT states of Ru(<scp>ii</scp>)/Ir(<scp>iii</scp>) metalloligands in the visible light region. Dalton Transactions, 2015, 44, 15212-15219.	1.6	32
1541	Water-induced reversible SCSC or solid-state structural transformation in coordination polymers. CrystEngComm, 2015, 17, 8776-8785.	1.3	38
1542	Electroluminescence from europium(III) complexes. Coordination Chemistry Reviews, 2015, 293-294, 228-249.	9.5	189
1543	Multifunctional luminescence properties of co-doped lanthanide metal organic frameworks. Dalton Transactions, 2015, 44, 9588-9595.	1.6	24
1544	Microwave-assisted synthesis of nanoscale Eu(BTC)(H2O)Â·DMF with tunable luminescence. Science China Chemistry, 2015, 58, 973-978.	4.2	13
1545	Lanthanide phosphonates with pseudo-D_{5h} local symmetry exhibiting magnetic and luminescence bifunctional properties. Inorganic Chemistry Frontiers, 2015, 2, 558-566.	3.0	56
1546	Effect of surface grafting coefficient and chain length of fatty acids on the luminescence of neodymium³⁺-doped LaF₃ nanoparticles. Journal of Materials Chemistry C, 2015, 3, 1817-1822.	2.7	7
1547	Highly emissive, solution-processable and dynamic Eu(<scp>iii</scp>)-containing coordination polymers. Chemical Communications, 2015, 51, 8656-8659.	2.2	19
1548	Synthesis, structural characterization, luminescent properties and theoretical study of three novel lanthanide metal-organic frameworks of Ho(III), Gd(III) and Eu(III) with 2,5-thiophenedicarboxylate anion. Journal of Solid State Chemistry, 2015, 227, 68-78.	1.4	33

#	Article	IF	Citations
1549	Three sra topological lanthanideâ€“organic frameworks built from 2,2â€²-dimethoxy-4,4â€²-biphenyldicarboxylic acid. Dalton Transactions, 2015, 44, 9281-9288.	1.6	18
1550	Cation-Exchange Porosity Tuning in a Dynamic 4dâ€“4fâ€“3d Framework for Ni^{II} Ion-Selective Luminescent Probe. Inorganic Chemistry, 2015, 54, 4456-4465.	1.9	37
1551	Recent advances in rare-earth elements modification of inorganic semiconductor-based photocatalysts for efficient solar energy conversion: A review. Journal of Rare Earths, 2015, 33, 453-462.	2.5	73
1552	Metal-Centered Photoluminescence of Eu3+ and Tb3+ Coordination Polymers with Dianions of Camphoric and Tetrafluoroterephthalic Acids. Theoretical and Experimental Chemistry, 2015, 51, 30-36.	0.2	7
1553	Slow light enhanced near infrared luminescence in CeO2: Er3+, Yb3+ inverse opal photonic crystals. Journal of Alloys and Compounds, 2015, 641, 127-131.	2.8	16
1554	Light Conversion Control in NIR-Emissive Optical Materials Based on Heterolanthanide Er_xYb_{3â€“x} Quinolinolato Molecular Components. Chemistry of Materials, 2015, 27, 4082-4092.	3.2	19
1555	Lanthanide cation-induced tuning of surface capping properties in zinc sulfide nanoparticles: an infrared absorption study. RSC Advances, 2015, 5, 32920-32932.	1.7	24
1556	Development of a time-resolved fluorescence probe for evaluation of competitive binding to the cholecystokinin 2 receptor. Bioorganic and Medicinal Chemistry, 2015, 23, 1841-1848.	1.4	0
1557	Synthetic and spectroscopic studies of vanadate glaserites II: Photoluminescence studies of Ln:K3Y(VO4)2 (Ln=Eu, Er, Sm, Ho, or Tm). Journal of Solid State Chemistry, 2015, 226, 320-325.	1.4	12
1558	Manifestation of Ï€â€“Ï€ Stacking Interactions in Luminescence Properties and Energy Transfer in Aromatically-Derived Tb, Eu and Gd Tris(pyrazolyl)borate Complexes. Inorganic Chemistry, 2015, 54, 3125-3133.	1.9	48
1559	Amending the Anisotropy Barrier and Luminescence Behavior of Heterometallic Trinuclear Linear [M^{II}ï£¿Ln^{III}ï£¿M^{II}] (Ln^{III}=Gd, Tb, Dy;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 Td (Chemistry - A European Journal, 2015, 21, 6449-6464.	1.7	59
1560	White light emission of IFP-1 by in situ co-doping of the MOF pore system with Eu³⁺and Tb³⁺. Journal of Materials Chemistry C, 2015, 3, 4623-4631.	2.7	38
1561	A prochelator peptide designed to use heterometallic cooperativity to enhance metal ion affinity. Chemical Science, 2015, 6, 3606-3610.	3.7	4
1562	Europium enabled luminescent nanoparticles for biomedical applications. Journal of Luminescence, 2015, 165, 190-215.	1.5	94
1563	Construction of Identical [2 + 2] Schiff-Base Macrocyclic Ligands by Ln^{III} and Zn^{II} Template Ions Including Efficient Yb^{III} Near-Infrared Sensitizers. Inorganic Chemistry, 2015, 54, 5295-5300.	1.9	14
1564	Visible to Near-Infrared Emission from Ln^{III}(Bis-oxazoline)â€“[Mo^V(CN)₈] (Ln = Ceâ€“Yb) Magnetic Coordination Polymers Showing Unusual Lanthanide-Dependent Sliding of Cyanido-Bridged Layers. Inorganic Chemistry, 2015, 54, 4724-4736.	1.9	44
1565	X-ray-induced radiophotodynamic therapy (RPDT) using lanthanide micelles: Beyond depth limitations. Nano Research, 2015, 8, 2373-2379.	5.8	77
1566	Highly Luminescent Sm^{III} Complexes with Intraligand Charge-Transfer Sensitization and the Effect of Solvent Polarity on Their Luminescent Properties. Inorganic Chemistry, 2015, 54, 3725-3727.	1.9	67

#	Article	IF	Citations
1567	Synthesis, crystal structure, luminescent and magnetic properties of europium(III) and terbium(III) complexes with a bidentate benzoate and a tripod N7 ligand containing three imidazole, [LnIII(H3L)benzoate](ClO4)2Â·H2OÂ·2MeOH (LnIII=EuIII and TbIII). Polyhedron, 2015, 91, 28-34.	1.0	9
1568	Lanthanide-Doped Energy Cascade Nanoparticles: Full Spectrum Emission by Single Wavelength Excitation. Chemistry of Materials, 2015, 27, 3115-3120.	3.2	92
1569	Easy assembly of visible light excited lanthanide containing edifices and structural origin. Dyes and Pigments, 2015, 119, 56-61.	2.0	6
1570	Linear Dependence of Photoluminescence in Mixed Ln-MOFs for Color Tunability and Barcode Application. Inorganic Chemistry, 2015, 54, 5707-5716.	1.9	140
1571	Red, Green, and Blue Luminescence by Carbon Dots: Fullâ€Color Emission Tuning and Multicolor Cellular Imaging. Angewandte Chemie - International Edition, 2015, 54, 5360-5363.	7.2	1,517
1572	A new heterometallic terbium(<scp>iii</scp>)â€“ruthenium(<scp>ii</scp>) complex and its terbium(<scp>iii</scp>)â€“zinc(<scp>ii</scp>) analog: syntheses, characterization, luminescence, and electrochemical properties. New Journal of Chemistry, 2015, 39, 4284-4294.	1.4	4
1573	Tailoring Nd3+ luminescence characteristics by Yb3+ doping in K5Nd(MoO4)4, RbNd(WO4)2 and NdAl3(BO3)4 crystal matrices. Journal of Alloys and Compounds, 2015, 639, 577-582.	2.8	14
1574	White-Light-Emitting Polymer Composite Film Based on Carbon Dots and Lanthanide Complexes. Journal of Physical Chemistry C, 2015, 119, 7865-7872.	1.5	94
1575	A 2-D dysprosium-organic complex constructed from 6,7-dihydropyrido(2,3-d)pyridazine-5,8-dione and oxalic acid: synthesis, characterization and photoluminescence. Journal of Coordination Chemistry, 2015, 68, 1788-1799.	0.8	4
1576	Luminescent Eu(III) and Tb(III) activator ions in La(OH)3 and La2O3 nanowire matrices. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 201, 35-44.	1.7	15
1577	Incorporation of lanthanide (Eu³⁺) ions in ZnS semiconductor quantum dots with a trapped-dopant model and their photoluminescence spectroscopy study. Nanotechnology, 2015, 26, 375601.	1.3	27
1578	Significant developments in rare-earth-containing polyoxometalate chemistry: synthetic strategies, structural diversities and correlative properties. CrystEngComm, 2015, 17, 8175-8197.	1.3	77
1579	Influence of Y³⁺, Gd³⁺, and Lu³⁺ co-doping on the phase and luminescence properties of monoclinic Eu:LaVO₄ particles. Dalton Transactions, 2015, 44, 18418-18426.	1.6	28
1580	Synthesis and characterization of novel luminescent europium(<scp>iii</scp>) hybrid materials with a host based on titaniaâ€“mesoporous silica or aluminaâ€“mesoporous silica. RSC Advances, 2015, 5, 84790-84796.	1.7	7
1581	Luminescence enhancement by energy transfer in melamine-Y2O3:Tb3+ nanohybrids. Journal of Applied Physics, 2015, 118, .	1.1	20
1582	Magnetic luminescent material based on silver doped lanthanum manganite and europium salts with 1,10-phenanthroline. Russian Chemical Bulletin, 2015, 64, 219-223.	0.4	1
1583	Lanthanide luminescent logic gate mimics in soft matter: [H⁺] and [F^{â^’}] dual-input device in a polymer gel with potential for selective component release. Chemical Communications, 2015, 51, 16565-16568.	2.2	40
1584	A novel coordination network of Tb(III) with 2-hydroxy-trimesic acid showing very intense photoluminescence. Inorganic Chemistry Communication, 2015, 61, 60-63.	1.8	12

#	Article	IF	Citations
1585	Controlling upconversion nanocrystals for emerging applications. Nature Nanotechnology, 2015, 10, 924-936.	15.6	1,221
1586	Sandwich-type lanthanide(III) complexes of a tetraiminodiphenol macrocyclic ligand derived from 4-methyl-2,6-diformylphenol and 1,3-diaminopropane: structure, NMR and luminescence. Polyhedron, 2015, 102, 539-548.	1.0	4
1587	A series of lanthanide complexes with 2,3-dichlorobenzoic acid and 2,2:6â€²,2â€³-terpyridine: Crystal structures, spectroscopic and thermal properties. Thermochimica Acta, 2015, 620, 28-35.	1.2	18
1588	In-situ hydrothermal preparation of a novel 3D CuI-based tetrazole coordination polymer with pseudo-porphyrin secondary building units. Inorganic Chemistry Communication, 2015, 62, 1-4.	1.8	5
1589	Lanthanide Ion and Tetrathiafulvalene-Based Ligand as a â€œMagicâ€•Couple toward Luminescence, Single Molecule Magnets, and Magnetostructural Correlations. Accounts of Chemical Research, 2015, 48, 2834-2842.	7.6	134
1590	Luminescent chiral Eu(III) complexes with enantiopure bis(1H-pyridin-2-one)salen ligands. Polyhedron, 2015, 102, 293-296.	1.0	4
1591	Syntheses, Structures, and Photoluminescent Properties of Lanthanide Coordination Polymers Based on a Zwitterionic Aromatic Polycarboxylate Ligand. Crystal Growth and Design, 2015, 15, 4331-4340.	1.4	54
1592	Revelation of the Technological Versatility of the Eu(TTA)₃Phen Complex by Demonstrating Energy Harvesting, Ultraviolet Light Detection, Temperature Sensing, and Laser Applications. ACS Applied Materials & Interfaces, 2015, 7, 18231-18239.	4.0	88
1593	Solid-state thermal conversion of a nanoporous metalâ€“organic framework to a nonporous coordination polymer. RSC Advances, 2015, 5, 50778-50782.	1.7	26
1594	Embedding lanthanide-functionalized polymers into hollow mesoporous silica spheres: a ship-in-a-bottle approach to luminescent hybrid materials. RSC Advances, 2015, 5, 67077-67081.	1.7	7
1595	Hybrid Materials of the f-Elements Part I. Fundamental Theories of Physics, 2015, 47, 147-208.	0.1	5
1596	Eu3+/Sm3+ hybrids based with 8-hydroxybenz[de]anthracen-7-one organically modified mesoporous silica SBA-15/16. Solid State Sciences, 2015, 50, 9-17.	1.5	1
1597	A Nanoscale Multiresponsive Luminescent Sensor Based on a Terbium(III) Metalâ€“Organic Framework. Chemistry - an Asian Journal, 2015, 10, 1703-1709.	1.7	31
1598	Controllable synthesis of four series of lanthanide coordination polymers: synthesis, structures, luminescent and magnetic properties. CrystEngComm, 2015, 17, 8289-8299.	1.3	9
1599	Lanthanide complex-incorporated periodic mesoporous organosilica nanospheres with tunable photoluminescence. RSC Advances, 2015, 5, 83368-83376.	1.7	15
1600	Supramolecular hybrids of polytungstates and their adsorption properties for methylene blue. Journal of Solid State Chemistry, 2015, 231, 169-174.	1.4	11
1601	Fluorescent Nanocomposites. , 2015, , 263-299.		1
1602	Molecular-Size Fluorescence Emitters. , 2015, , 133-202.		0

#	Article	IF	Citations
1603	Dinuclear lanthanide(<scp>iii</scp>)/zinc(<scp>ii</scp>) complexes with methyl 2-pyridyl ketone oxime. Dalton Transactions, 2015, 44, 19791-19795.	1.6	19
1604	Achieving visible light excitation in carbazole-based Eu³⁺â€“Î²-diketonate complexes via molecular engineering. RSC Advances, 2015, 5, 90720-90730.	1.7	21
1605	The paramagnetic metal effect on the luminescence of rare-earth-metal complexes with pyridine-based nitrogen ligands. Inorganica Chimica Acta, 2015, 438, 10-13.	1.2	5
1606	Luminescent europium and terbium complexes of dipyridoquinoxaline and dipyridophenazine ligands as photosensitizing antennae: structures and biological perspectives. Dalton Transactions, 2015, 44, 19844-19855.	1.6	53
1607	Controlling Nd-to-Yb energy transfer through a molecular approach. Journal of Materials Chemistry C, 2015, 3, 11524-11530.	2.7	24
1608	Spectroscopic studies of lanthanide complexes of varying nuclearity based on a compartmentalised ligand. Dalton Transactions, 2015, 44, 17175-17188.	1.6	17
1609	Design of new lanthanide pH switches based on a cross-linked poly(vinyl alcohol)/tetraethoxysilane hybrid matrix. Colloid and Polymer Science, 2015, 293, 2979-2984.	1.0	3
1610	White-Light-Emitting Lanthanide Metallogels with Tunable Luminescence and Reversible Stimuli-Responsive Properties. Journal of the American Chemical Society, 2015, 137, 11590-11593.	6.6	379
1611	The first example of erbium triple-stranded helicates displaying SMM behaviour. Dalton Transactions, 2015, 44, 16833-16839.	1.6	26
1612	Optical property investigations of polystyrene capped Ca2P2O7:Dy3+ persistent phosphor. Materials Research Bulletin, 2015, 70, 980-987.	2.7	9
1613	Intriguing multichannel photoinduced electron transfer in lanthanide(<scp>iii</scp>)â€“diphenylamine systems. Physical Chemistry Chemical Physics, 2015, 17, 23214-23225.	1.3	10
1614	Prospecting Lighting Applications with Ligand Field Tools and Density Functional Theory: A First-Principles Account of the 4f⁷â€“4f⁶5d¹ Luminescence of CsMgBr₃:Eu²⁺. Inorganic Chemistry, 2015, 54, 8319-8326.	1.9	39
1615	Aromatic Lateral Substituents Influence the Excitation Energies of Hexaaza Lanthanide Macrocyclic Complexes: A Wave Function Theory and Density Functional Study. Journal of Physical Chemistry A, 2015, 119, 9931-9940.	1.1	10
1616	A bis(1H-pyridin-2-one)salen Eu(iii) complex for vapoluminescence sensing. Inorganic Chemistry Frontiers, 2015, 2, 927-930.	3.0	6
1617	Multifunctional Uranyl Hybrid Materials: Structural Diversities as a Function of pH, Luminescence with Potential Nitrobenzene Sensing, and Photoelectric Behavior as p-type Semiconductors. Inorganic Chemistry, 2015, 54, 9046-9059.	1.9	54
1618	Dual emission tunable in the near-infrared (NIR) and visible (VIS) spectral range by mix-LnMOF. Dalton Transactions, 2015, 44, 17318-17325.	1.6	14
1619	Analysis of the electrostatics in Dy^{III} single-molecule magnets: the case study of Dy(Murex)₃. Dalton Transactions, 2015, 44, 18270-18275.	1.6	21
1620	Europium Nanospheres-Based Time-Resolved Fluorescence for Rapid and Ultrasensitive Determination of Total Aflatoxin in Feed. Journal of Agricultural and Food Chemistry, 2015, 63, 10313-10318.	2.4	44

#	Article	IF	Citations
1621	Optical properties of a binuclear neodymium complex in phosphorus oxychloride for liquid laser. Optical Materials, 2015, 49, 343-347.	1.7	2
1622	Peptoidâ€Ligated Pentadecanuclear Yttrium and Dysprosium Hydroxy Clusters. Chemistry - A European Journal, 2015, 21, 2813-2820.	1.7	27
1623	Lanthanide complexes for temperature sensing, UV light detection, and laser applications. Sensors and Actuators A: Physical, 2015, 222, 255-261.	2.0	58
1624	Ln₃Q₉ as a Molecular Framework for Ionâ€Sizeâ€Driven Assembly of Heterolanthanide (Nd, Er, Yb) Multiple Nearâ€Infrared Emitters. Chemistry - A European Journal, 2015, 21, 3882-3885.	1.7	26
1625	General Introduction to Upconversion Luminescence Materials. Nanostructure Science and Technology, 2015, , 1-20.	0.1	6
1626	Sonochemical synthesis of a nanoscale complex of neodymium(III) and 8-hydroxy-2-methylquinoline: spectroscopic, photoluminescence, and thermal analysis. Monatshefte FÃ¼r Chemie, 2015, 146, 571-580.	0.9	8
1627	Synthesis, structure and fluorescence studies of the lanthanide complexes with 4-fluorobenzoic acid. Inorganica Chimica Acta, 2015, 426, 107-112.	1.2	15
1628	Roles of hydrogen bonds and Ï€â€“Ï€ stacking in the optical detection of nitro-explosives with a luminescent metalâ€“organic framework as the sensor. RSC Advances, 2015, 5, 3045-3053.	1.7	62
1629	Upconversion Luminescent Materials: Advances and Applications. Chemical Reviews, 2015, 115, 395-465.	23.0	1,815
1630	Near-infrared (NIR) luminescent Zn(II)â€“Ln(III)-containing (Ln = Nd, Yb or Er) Wolf Type II metallopolymer hybrid materials. Synthetic Metals, 2015, 199, 128-138.	2.1	31
1631	Water dispersible upconverting nanoparticles: effects of surface modification on their luminescence and colloidal stability. Nanoscale, 2015, 7, 1403-1410.	2.8	210
1632	Formation of Lanthanide(III)-Containing Metallosupramolecular Arrays Induced by Tris(spiroborate) Twin Bowl. Crystal Growth and Design, 2015, 15, 384-389.	1.4	12
1633	Lanthanide Circularly Polarized Luminescence: Bases and Applications. Chirality, 2015, 27, 1-13.	1.3	433
1634	Sizeâ€Induced Chiral Discrimination Switching by (S)â€(â^')â€2(Î±â€Hydroxyethyl)Benzimidazoleâ€Derived Azacrowns. ChemPlusChem, 2015, 80, 475-479.	1.3	9
1635	C-dot sensitized Eu³⁺ luminescence from Eu³⁺-doped LaF₃â€“C dot nanocomposites. New Journal of Chemistry, 2015, 39, 106-109.	1.4	25
1636	Coordination polymers for energy transfer: Preparations, properties, sensing applications, and perspectives. Coordination Chemistry Reviews, 2015, 284, 206-235.	9.5	361
1637	Structural, optical and sensing properties of novel Eu(<scp>iii</scp>) complexes with furan- and pyridine-based ligands. Dalton Transactions, 2015, 44, 182-192.	1.6	39
1638	Crystal structure and temperature-dependent luminescence of a heterotetranuclear sodiumâ€“europium(<scp>iii</scp>) Î²-diketonate complex. Dalton Transactions, 2015, 44, 488-492.	1.6	36

#	Article	IF	Citations
1639	Critical review of the determination of photoluminescence quantum yields of luminescent reporters. Analytical and Bioanalytical Chemistry, 2015, 407, 59-78.	1.9	70
1640	Gadolinium, terbium and europium complexes containing dibenzoylmethane and carbazole-functionalized 2-(2-pyridyl)-benzimidazole: Structural and spectroscopic characterization. Polyhedron, 2015, 85, 789-794.	1.0	7
1641	Electrochemiluminescence properties of Tb(III) nicotinic acid complex and its analytical application. Journal of Luminescence, 2015, 159, 73-78.	1.5	6
1642	Reticular three-dimensional 3dâ€“4f frameworks constructed through substituted imidazole-dicarboxylate: syntheses, luminescence and magnetic properties study. Dalton Transactions, 2015, 44, 804-816.	1.6	132
1643	Pr(III) luminescence enhancement by chelation in solution and in solâ€“gel glass. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1745-1750.	2.0	3
1644	Lanthanide-doped upconversion nano-bioprobes: electronic structures, optical properties, and biodetection. Chemical Society Reviews, 2015, 44, 1379-1415.	18.7	748
1645	Synthesis, structure, spectroscopic and ferroelectric properties of an acentric polyoxotungstate containing 1:2-type [Sm(Î±-PW11O39)2]11â˜ fragment and d-proline components. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 134, 101-108.	2.0	11
1646	Conversion of Lewis acid-base interaction into readable emission outputs by novel terbium hybrid nanosphere. Dyes and Pigments, 2015, 112, 239-244.	2.0	11
1647	Photoluminescence profile imaging of Eu(III), Tb(III) and Eu(III)/Tb(III)-doped yttrium oxide nanosheets and nanorods. Journal of Luminescence, 2015, 157, 264-274.	1.5	16
1648	New family of fluorogenic azacrown probes with identical cavity size but different electronic environment outside the macrocycle: effects on sensitivity of Cu2+ detection. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 81, 251-261.	0.9	1
1649	Variant coordination sphere, for efficient photo- and electroluminescence of 0.4â€“1.8Î¼m, of lanthanide(III) complexes containing a Î²-diketone ligand with low vibrational frequency Câ€“F bonds and a flexible 2,2â€²-bipyridine ligand. Polyhedron, 2015, 85, 570-592.	1.0	59
1650	Chemometric analysis of the luminescence quantum yields in lanthanide ion complexes. Journal of Luminescence, 2016, 170, 602-613.	1.5	3
1651	Rare Earth and Actinide Complexes. Inorganics, 2016, 4, 31.	1.2	5
1652	Selective Sensing of Tyrosine Phosphorylation in Peptides Using Terbium(III) Complexes. International Journal of Analytical Chemistry, 2016, 2016, 1-14.	0.4	13
1653	Microwave-Assisted Solvent-Free Synthesis of Zeolitic Imidazolate Framework-67. Journal of Nanomaterials, 2016, 2016, 1-9.	1.5	10
1654	A Family of Lanthanoid Dimers with Nitroanilato Bridges. Magnetochemistry, 2016, 2, 32.	1.0	18
1655	Magneto-Luminescence Correlation in the Textbook Dysprosium(III) Nitrate Single-Ion Magnet. Magnetochemistry, 2016, 2, 41.	1.0	36
1656	Novel europium (III)-gatifloxacin complex structure with dual functionality for pH sensing and metal recognition in aqueous environment. Optical Materials, 2016, 60, 1-5.	1.7	5

#	Article	IF	Citations
1657	Ce/Au(CN)₂^{â€“}â€Based Coordination Polymers Containing and Lacking Aurophilic Interactions. European Journal of Inorganic Chemistry, 2016, 2016, 2082-2087.	1.0	13
1658	Luminescent polymer electrolytes based on chitosan and containing europium triflate. Journal of Rare Earths, 2016, 34, 661-666.	2.5	12
1659	Instantaneous ballistic velocity of suspended Brownian nanocrystals measured by upconversion nanothermometry. Nature Nanotechnology, 2016, 11, 851-856.	15.6	292
1660	Engineering of Lanthanide-Doped Upconversion Nanoparticles for Optical Encoding. Small, 2016, 12, 836-852.	5.2	110
1661	Synthesis, Structure, and Fluorescent Properties of Lanthanide Complexes Based on 8â€Hydroxyquinolineâ€7â€carboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 372-376.	0.6	5
1662	Dysprosiumâ€and Ytterbiumâ€Based Complexes Involving Tetrathiafulvalene Derivatives Functionalised with 2,2â€²â€Bipyridine or 2,6â€Di(pyrazolâ€1â€yl)â€4â€pyridine. European Journal of Inorganic Chemistry, 2016, 2016, 2039-2050.	2.0	8
1663	Multiâ€Functional Transparent Luminescent Configuration for Advanced Photovoltaics. Advanced Energy Materials, 2016, 6, 1502404.	10.2	10
1664	Dissociation energy and electronic structure of the low valent lanthanide compound NdF⁺. International Journal of Quantum Chemistry, 2016, 116, 791-794.	1.0	5
1665	Ligand-Sensitized Lanthanide Nanocrystals: Merging Solid-State Photophysics and Molecular Solution Chemistry. Inorganic Chemistry, 2016, 55, 9973-9980.	1.9	25
1666	Lanthanide Luminescence Improvement by Using a Functional Poly(Ionic Liquid) as Matrix and Coâ€ligand. Chemistry - an Asian Journal, 2016, 11, 745-749.	1.7	25
1667	Highly Efficient Visibleâ€toâ€NIR Luminescence of Lanthanide(III) Complexes with Zwitterionic Ligands Bearing Chargeâ€Transfer Character: Beyond Triplet Sensitization. Chemistry - A European Journal, 2016, 22, 2440-2451.	1.7	109
1668	Ultrasmall Superparamagnetic Iron Oxide Nanoparticles with Europium(III) DO3A as a Bimodal Imaging Probe. Chemistry - A European Journal, 2016, 22, 4521-4527.	1.7	17
1669	Synthesis and Characterization of Two Isostructural Lanthanideâ€Containing Metalâ€Organic Frameworks Constructed from an Unprecedented [Ln₇(Î¼₃â€OH)₈]¹³⁺ Cluster. Chinese Journal of Chemistry, 2016, 34, 210-214.	2.6	1
1670	Directional Energy Transfer in Nanocrystals of [Ru(2,2â€²-bipyridine)3]Â[NaCr(oxalate)3]. European Journal of Inorganic Chemistry, 2016, 2016, 1972-1979.	1.0	7
1671	Tuning the Magnetoluminescence Behavior of Lanthanide Complexes Having Sphenocorona and Cubic Coordination Geometries. European Journal of Inorganic Chemistry, 2016, 2016, 2774-2782.	1.0	19
1672	Group 3 Elements and Lanthanide Metals. , 0, , 231-270.		1
1673	Critical Role of Energy Transfer Between Terbium Ions for Suppression of Back Energy Transfer in Nonanuclear Terbium Clusters. Scientific Reports, 2016, 6, 37008.	1.6	37
1674	Nanodimension thin films based on lanthanide coordination compound for light-emitting devices. , 2016, , .		5

#	Article	IF	Citations
1675	Bimetallic 3dâ€”4f-molecules [MEu(ButCOO)5(1,10-phen)] (M = Zn2+, Co2+, phen is phenanthroline): synthesis, structure, luminescent and magnetic properties. Russian Chemical Bulletin, 2016, 65, 1488-1494.	0.4	9
1676	Synthesis, structure, and luminescent properties of PrIII complexes with pyrazole-derived 1,3-diketone and 1,10-phenanthroline. Russian Chemical Bulletin, 2016, 65, 1784-1789.	0.4	1
1677	Specifics of luminescence of (benzoxazolyl)phenolate and (benzothiazolyl)naphtholate heterometallic Zn, Sc, Nd, Sm, Er, and Yb complexes. Russian Chemical Bulletin, 2016, 65, 1739-1742.	0.4	2
1678	Unusually enhanced upconversion photoluminescence in ferroelectric composite Er:0.94Bi0.5Na0.5TiO3-0.06BaTiO3/xZnO (xâ€‰=â€‰0â€“0.4). Applied Physics Letters, 2016, 109, 122901.	1.5	8
1680	CeO2 Nanoparticle Sensitization of Eu3+-Centered Luminescence in a Composite CeO2/Eu3+-MOF. Theoretical and Experimental Chemistry, 2016, 52, 285-290.	0.2	2
1681	Kapitel XXXV. Die Lanthanoide. , 2016, , 2288-2311.		0
1682	Chemical Partition of the Radiative Decay Rate of Luminescence of Europium Complexes. Scientific Reports, 2016, 6, 21204.	1.6	24
1683	Luminescent chemosensors for amines and ammonia based on Eu(III) chelate complexes. Proceedings of SPIE, 2016, , .	0.8	1
1684	Structure impact in antenna effect of novel upper rim substituted tetra-1,3-diketone calix[4]arenes on Tb(III) green and Yb(III) NIR-luminescence. Tetrahedron, 2016, 72, 2447-2455.	1.0	30
1685	Synthesis and fluorescent pH sensing properties of nanoscale lanthanide metal-organic frameworks with silk fibroin powder as polymer ligands. Dyes and Pigments, 2016, 130, 129-137.	2.0	28
1686	Preparation and Photoluminescence of Sm 3+ Doped YAlO 3 Phosphor. Journal of Fluorescence, 2016, 26, 757-768.	1.3	4
1687	Luminescence of a binuclear europium complex bearing a 4-nitrophenolate chromophore: a different way of seeing pH dependence. Chemical Communications, 2016, 52, 6111-6114.	2.2	17
1688	Anisotropic lanthanide-based nano-clusters for imaging applications. Faraday Discussions, 2016, 191, 465-479.	1.6	7
1689	Structure, Bonding, and Electronic Properties of Four Rare Earth Complexes with a Phenoxyacetic Acid Ligand: X-ray Diffraction and DFT Studies. Industrial & Engineering Chemistry Research, 2016, 55, 6716-6722.	1.8	13
1690	Lanthanide Germanate Cluster Organic Frameworks Based on {Ln₈Ge₁₂} Clusters: From One-Dimensional Chains to Two-Dimensional Layers and Three-Dimensional Frameworks. Inorganic Chemistry, 2016, 55, 5671-5683.	1.9	18
1691	Polymorphic Lanthanide Phosphonates Showing Distinct Magnetic Behavior. Inorganic Chemistry, 2016, 55, 5297-5304.	1.9	19
1692	Study of Lanthanide Complexes with BTFA in Silica Gels by Photoacoustic Spectroscopy. International Journal of Thermophysics, 2016, 37, 1.	1.0	2
1693	Physicochemical Properties of Near-Linear Lanthanide(II) Bis(silylamide) Complexes (Ln = Sm, Eu, Tm, Yb). Inorganic Chemistry, 2016, 55, 10057-10067.	1.9	66

#	Article	IF	Citations
1694	A broad spectrum photon responsive, paramagnetic Î²-NaGdF₄:Yb³⁺,Er³⁺â€“ mesoporous anatase titania nanocomposite. RSC Advances, 2016, 6, 53504-53518.	1.7	16
1695	Crystal structure, luminescence properties and energy transfer of Eu³⁺/Dy³⁺ doped GdNbTiO₆ broad band excited phosphors. RSC Advances, 2016, 6, 50797-50807.	1.7	28
1696	Structural diversity in Ni^{II} cluster chemistry: Ni₅, Ni₆, and {NiNa₂}_n complexes bearing the Schiff-base ligand N-naphthalidene-2-amino-5-chlorobenzoic acid. Dalton Transactions, 2016, 45, 10256-10270.	1.6	15
1697	Switching monomer/excimer ratiometric fluorescence to time-resolved excimer probe for DNA detection: A simple strategy to enhance the sensitivity. Sensors and Actuators B: Chemical, 2016, 224, 31-36.	4.0	27
1698	Observation of cascade f â†' d â†' f energy transfer in sensitizing near-infrared (NIR) lanthanide complexes containing the Ru(<scp>ii</scp>) polypyridine metalloligand. New Journal of Chemistry, 2016, 40, 5379-5386.	1.4	14
1699	Tuning the structural and lanthanide luminescence properties of macrocyclic tetraiminodiphenolate europium(III) complexes. Polyhedron, 2016, 114, 451-458.	1.0	7
1700	Cerium Photosensitizers: Structureâ€“Function Relationships and Applications in Photocatalytic Aryl Coupling Reactions. Journal of the American Chemical Society, 2016, 138, 5984-5993.	6.6	126
1701	Ionic Liquid Crystals: Versatile Materials. Chemical Reviews, 2016, 116, 4643-4807.	23.0	617
1702	A NdIII enantiomeric pair: Synthesis, crystal structures and near-infrared luminescent properties. Journal of Molecular Structure, 2016, 1118, 179-183.	1.8	4
1703	Enhanced Ultraviolet Photon Capture in Ligand-Sensitized Nanocrystals. ACS Photonics, 2016, 3, 547-552.	3.2	18
1704	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
1705	A series of dinuclear lanthanide(<scp>iii</scp>) complexes constructed from Schiff base and Î²-diketonate ligands: synthesis, structure, luminescence and SMM behavior. CrystEngComm, 2016, 18, 4627-4635.	1.3	45
1706	Lanthanide-based entangled coordination polymers connected by thiophene-2,5-dicarboxylate: solvothermal syntheses, crystal structures, luminescence and magnetic properties. CrystEngComm, 2016, 18, 3617-3634.	1.3	24
1707	Why host to dopant energy transfer is absent in the MgAl₂O₄:Eu³⁺ spinel? And exploring Eu³⁺ site distribution and local symmetry through its photoluminescence: interplay of experiment and theory. RSC Advances, 2016, 6, 42923-42932.	1.7	46
1708	Towards the realization of luminescence from visible emitting trivalent lanthanides (Sm, Eu, Tb, Dy) in polar zinc sulfide nanoparticles: evaluation of in vitro cytotoxicity. RSC Advances, 2016, 6, 43304-43315.	1.7	23
1709	Experimental and theoretical approach to account for green luminescence from Gd₂Zr₂O₇ pyrochlore: exploring the site occupancy and origin of host-dopant energy transfer in Gd₂Zr₂O₇:Eu³⁺. RSC Advances, 2016, 6, 44908-44920.	1.7	64
1710	One-step growth of lanthanoid metalâ€“organic framework (MOF) films under solvothermal conditions for temperature sensing. Chemical Communications, 2016, 52, 6926-6929.	2.2	76
1711	Thermostability and photoluminescence of Dy(<scp>iii</scp>) single-molecule magnets under a magnetic field. Chemical Science, 2016, 7, 5020-5031.	3.7	100

#	Article	IF	Citations
1712	Morphological and Optoelectronic Characteristics of Double and Triple Lanthanide Ion-Doped DNA Thin Films. ACS Applied Materials & Interfaces, 2016, 8, 14109-14117.	4.0	21
1713	Dopant and excitation wavelength dependent color tunability in Dy³⁺:YVO₄ and Dy³⁺/Eu³⁺:YVO₄ microparticles towards white light emission. Dalton Transactions, 2016, 45, 16231-16239.	1.6	37
1714	Two-Photon Luminescent Bone Imaging Using Europium Nanoagents. CheM, 2016, 1, 438-455.	5.8	51
1715	Luminescent Eu3+ complexes in acetonitrile solution: Anion sensing and effect of water on the speciation. Inorganica Chimica Acta, 2016, 453, 751-756.	1.2	16
1716	Two novel europium coordination polymers based on fluorine substituted and similar carboxylate ligands: Syntheses, structures and luminescence. Inorganic Chemistry Communication, 2016, 73, 190-195.	1.8	17
1717	Mechanoluminescence of Coordination Compounds. , 2016, , 39-63.		3
1718	Tying a Molecular Overhand Knot of Single Handedness and Asymmetric Catalysis with the Corresponding Pseudo-D₃-Symmetric Trefoil Knot. Journal of the American Chemical Society, 2016, 138, 13159-13162.	6.6	75
1719	Highly specific â€œsensingâ€•of tryptophan by a luminescent europium(III) complex. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 1025-1028.	0.3	4
1720	Selection and application of broad-specificity human domain antibody for simultaneous detection of Bt Cry toxins. Analytical Biochemistry, 2016, 512, 70-77.	1.1	10
1721	Identifying the Correct Hostâ€“Guest Combination To Sensitize Trivalent Lanthanide (Guest) Luminescence: Titanium Dioxide Nanoparticles as a Model Host System. Journal of Physical Chemistry C, 2016, 120, 23870-23882.	1.5	54
1722	Luminescent Helical Nanofiber Self-Assembled from a Cholesterol-Based Metalloamphiphile and Its Application in DNA Conformation Recognition. Langmuir, 2016, 32, 10350-10357.	1.6	13
1723	Optical thermometry of MoS₂:Eu³⁺ 2D luminescent nanosheets. Journal of Materials Chemistry C, 2016, 4, 9937-9941.	2.7	34
1724	Ultrafast Time-Resolved Hard X-Ray Emission Spectroscopy on a Tabletop. Physical Review X, 2016, 6, .	2.8	23
1725	Neighbour-sensitized near-infrared emission of new Nd(<scp>iii</scp>) and Er(<scp>iii</scp>) complexes with 1-(anthracene-2-yl)-4,4,4-trifluoro-1,3-butanedione. New Journal of Chemistry, 2016, 40, 9702-9710.	1.4	12
1726	Synthesis, photoluminescence features with intramolecular energy transfer and Juddâ€“Ofelt analysis of highly efficient europium(III) complexes. Journal of Materials Science: Materials in Electronics, 2016, 27, 12506-12516.	1.1	18
1727	Construction of a series of lanthanide metalâ€“organic frameworks (Ln-MOFs) based on a new symmetrical penta-aromatic carboxylate strut: Structure, luminescent and magnetic properties. Inorganica Chimica Acta, 2016, 453, 757-763.	1.2	11
1728	Copolymerization of alkyl diazoacetates with Î±,Î²-unsaturated aldehydes: synthesis and application. Polymer Chemistry, 2016, 7, 7216-7222.	1.9	9
1729	NIR luminescence of one-dimensional tartaric acid derivatives neodymium coordination polymers. Synthetic Metals, 2016, 221, 319-325.	2.1	5

#	Article	IF	Citations
1730	Molecular Magnetic Resonance Imaging Probes Based on Ln3+ Complexes. Advances in Inorganic Chemistry, 2016, 68, 43-96.	0.4	10
1731	Lanthanides in Luminescent Thermometry. Fundamental Theories of Physics, 2016, 49, 339-427.	0.1	304
1732	Encapsulation of coumarin dye within lanthanide MOFs as highly efficient white-light-emitting phosphors for white LEDs. CrystEngComm, 2016, 18, 8366-8371.	1.3	33
1733	Synthesis, structure, DNA binding studies and nuclease activities of two luminescent neodymium complexes. Journal of Coordination Chemistry, 2016, 69, 2920-2941.	0.8	11
1734	Quadruple-stranded Eu-helicate assembled from bis-Î²-diketonate: Its stability towards metal ions. Chemical Research in Chinese Universities, 2016, 32, 534-538.	1.3	7
1735	Enabling the Triplet of Tetraphenylethene to Sensitize the Excited State of Europium(III) for Protein Detection and Timeâ€Resolved Luminescence Imaging. Advanced Science, 2016, 3, 1600146.	5.6	31
1736	Near-infrared luminescence and RNA cleavage ability of lanthanide Schiff base complexes derived from N,Nâ€²-bis(3-methoxysalicylidene)ethylene-1,2-diamine ligands. Journal of Inorganic Biochemistry, 2016, 163, 194-205.	1.5	11
1737	Synthesis, NMR, photoluminescence studies and intramolecular energy transfer process of europium(III) complexes. Journal of Fluorine Chemistry, 2016, 188, 177-184.	0.9	13
1738	Emission Fingerprint Relationships of Lowâ€Level Water in Organic Solvents Based on Ln³⁺â€Î²â€Diketonate Complexes in Laponite. Advanced Optical Materials, 2016, 4, 156-161.	3.6	46
1739	Rethinking Sensitized Luminescence in Lanthanide Coordination Polymers and MOFs: Band Sensitization and Water Enhanced Eu Luminescence in [Ln(C₁₅H₉O₅)₃(H₂O)₃]_n (Ln = Eu, Tb). Inorganic Chemistry, 2016, 55, 7920-7927.	1.9	43
1740	Chiral supramolecular polymerization leading to eye differentiable circular polarization in luminescence. Chemical Communications, 2016, 52, 9885-9888.	2.2	60
1741	Coordinatively Unsaturated Lanthanide(III) Helicates: Luminescence Sensors for Adenosine Monophosphate in Aqueous Media. Angewandte Chemie, 2016, 128, 9777-9781.	1.6	15
1742	Lanthanide Hydroxide Cluster Complexes via Ligand-Controlled Hydrolysis of the Lanthanide Ions. Structure and Bonding, 2016, , 1-49.	1.0	2
1743	A Luminescent Terbium MOF Containing Hydroxyl Groups Exhibits Selective Sensing of Nitroaromatic Compounds and Fe(III) Ions. Crystal Growth and Design, 2016, 16, 5852-5858.	1.4	120
1744	Eu-doped Si-SiO2coreâ€“shell nanowires for Si-compatible red emission. Nanotechnology, 2016, 27, 395703.	1.3	2
1745	Near-Infrared Photoluminescence in Hexacyanido-Bridged Ndâ€“Cr Layered Ferromagnet. Crystal Growth and Design, 2016, 16, 4918-4925.	1.4	28
1746	Modulating luminescence of Tb3+ with biomolecules for sensing heparin and its contaminant OSCS. Biosensors and Bioelectronics, 2016, 86, 858-863.	5.3	22
1747	Luminescent Europium(III) Coordination Zippers Linked with Thiopheneâ€Based Bridges. Angewandte Chemie - International Edition, 2016, 55, 12059-12062.	7.2	46

#	Article	IF	Citations
1748	Using Eu3+ as an atomic probe to investigate the local environment in LaPO4â€“GdPO4 monazite end-members. Journal of Colloid and Interface Science, 2016, 483, 139-145.	5.0	24
1749	Flexible hybrid eu3+ doped P(VDF-HFP) nanocomposite film possess hypersensitive electronic transitions and piezoelectric throughput. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2335-2345.	2.4	37
1750	An efficient and stereoselective approach to 14-membered hexaaza macrocycles using novel semicarbazone-based amidoalkylation reagents. Tetrahedron Letters, 2016, 57, 5784-5787.	0.7	10
1751	In situ synthesis, enhanced luminescence and application in dye sensitized solar cells of Y2O3/Y2O2S:Eu3+ nanocomposites by reduction of Y2O3:Eu3+. Scientific Reports, 2016, 6, 37133.	1.6	38
1752	Syntheses, Crystal Structure, Luminescence, Porosity and Magnetic Properties of Threeâ€Dimensional Lanthanide Coordination Polymers with 2â€Aminoterepthalic Acid. ChemistrySelect, 2016, 1, 4489-4501.	0.7	6
1753	A â€œturn-onâ€•lanthanide complex chemosensor for recognition of lead(<scp>ii</scp>) based on the formation of nanoparticles. Dalton Transactions, 2016, 45, 18859-18866.	1.6	15
1754	Retrieving the Rate of Reverse Intersystem Crossing from Ultrafast Spectroscopy. Journal of Physical Chemistry Letters, 2016, 7, 3908-3912.	2.1	10
1755	Hostâ€“Guest and Electrostatic Interactions in Supramolecular Nanoparticle Clusters. European Journal of Organic Chemistry, 2016, 2016, 5511-5518.	1.2	8
1756	Drastically Improved Durability and Efficiency of Silicon Solar Cells Using Hyper-Stable Lanthanide Coordination Polymer Beads. Bulletin of the Chemical Society of Japan, 2016, 89, 103-109.	2.0	18
1757	Versatile, Fast, and Easy Oneâ€Step Method for the Synthesis of Hydrophilic Lanthanideâ€Doped Nanoparticles. ChemistrySelect, 2016, 1, 4068-4074.	0.7	5
1758	A Zn(II) luminescent polymer as a multifunctional sensor to nitrobenzene, Fe³⁺ and CrO₄^{2â^'} ions. Journal of Coordination Chemistry, 2016, 69, 2872-2880.	0.8	8
1759	A Redâ€Emitting Luminescent Material Capable of Detecting Low Water Content in Organic Solvents. Chemistry - A European Journal, 2016, 22, 12400-12405.	1.7	41
1760	Friend or foe? The role of solvents in non-triplet, intraligand charge transfer sensitization of lanthanide(<scp>iii</scp>) luminescence. RSC Advances, 2016, 6, 74100-74109.	1.7	26
1761	Chiral Sensing of Various Amino Acids Using Induced Circularly Polarized Luminescence from Europium(III) Complexes of Phenanthroline Dicarboxylic Acid Derivatives. Chemistry - an Asian Journal, 2016, 11, 2415-2422.	1.7	35
1762	Tuning Photoluminescence Response by Electric Field in Electrically Soft Ferroelectrics. Physical Review Letters, 2016, 116, 117601.	2.9	84
1763	A novel red emitting material based on polyoxometalate@periodic mesoporous organosilica. Microporous and Mesoporous Materials, 2016, 234, 248-256.	2.2	21
1764	Crystal structures and luminescent properties modulated by auxiliary ligands for series of lanthanide coordination polymers with triazole-benzoic acid. Inorganic Chemistry Communication, 2016, 71, 1-4.	1.8	7
1765	Encapsulation of a [Dy(OH₂)₈]³⁺ cation: magneto-optical and theoretical studies of a caged, emissive SMM. Chemical Communications, 2016, 52, 11335-11338.	2.2	21

#	Article	IF	Citations
1766	Luminescent Ions in Advanced Composite Materials for Multifunctional Applications. Advanced Functional Materials, 2016, 26, 6330-6350.	7.8	198
1767	Alumina nanocomposites: a comparative approach highlighting the improved characteristics of nanocomposites for phosphopeptides enrichment. Amino Acids, 2016, 48, 2571-2579.	1.2	9
1768	Hydrothermal synthesis, characterization and luminescent properties of lanthanide-doped NaLaF4 nanoparticles. Bulletin of Materials Science, 2016, 39, 943-952.	0.8	18
1769	Near-infrared luminescence of Nd³⁺and Yb³⁺complexes using a polyfluorinated pyrene-based Î²-diketonate ligand. RSC Advances, 2016, 6, 69509-69520.	1.7	31
1770	Controllable synthesis of tetragonal LiScF4:Yb3+, Er3+ nanocrystals and its upconversion photoluminescence properties. Optical Materials, 2016, 62, 255-260.	1.7	7
1771	Multicolour synthesis in lanthanide-doped nanocrystals through cation exchange in water. Nature Communications, 2016, 7, 13059.	5.8	164
1772	A series of europium-based metal organic frameworks with tuned intrinsic luminescence properties and detection capacities. RSC Advances, 2016, 6, 111934-111941.	1.7	34
1774	Luminescence, chemical sensing and mechanical properties of crystalline materials based on lanthanideâ€“sulfonate coordination polymers. RSC Advances, 2016, 6, 110171-110181.	1.7	19
1775	Synthesis and Optical Properties of New Red Emitting Phosphor Li₃BaSrGd_{3â€x}Eu_x(MO₄)₈ for White LEDs. ChemistrySelect, 2016, 1, 5448-5462.	0.7	20
1776	Study of the Interaction of Eu³⁺ with Microbiologically Induced Calcium Carbonate Precipitates using TRLFS. Environmental Science & Technology, 2016, 50, 12411-12420.	4.6	11
1777	Lanthanide-Doped Upconversion Nanoprobes. , 2016, , 237-287.		0
1778	Two isonicotinate-bridging lanthanide substituted phosphotungstate hybrids. Inorganic Chemistry Communication, 2016, 74, 42-47.	1.8	5
1779	Molecular Scissoring: Facile 3D to 2D Conversion of Lanthanide Metal Organic Frameworks Via Solvent Exfoliation. Inorganic Chemistry, 2016, 55, 10851-10854.	1.9	39
1780	Ultrasensitive Luminescent In Vitro Detection for Tumor Markers Based on Inorganic Lanthanide Nanoâ€Bioprobes. Advanced Science, 2016, 3, 1600197.	5.6	38
1781	Photoluminescence of lanthanide aromatic carboxylates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2016, 42, 679-694.	0.3	71
1782	Visible luminescent lanthanide ions and a large Ï€-conjugated ligand system shake hands. Physical Chemistry Chemical Physics, 2016, 18, 31012-31016.	1.3	11
1783	A lysosome targetable luminescent bioprobe based on a europium Î²-diketonate complex for cellular imaging applications. Dalton Transactions, 2016, 45, 18719-18729.	1.6	21
1784	Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. Angewandte Chemie, 2016, 128, 12238-12241.	1.6	7

#	Article	IF	Citations
1785	Organic Lanthanide Crystals for Nano-Optics Studies. MRS Advances, 2016, 1, 1715-1719.	0.5	1
1786	Luminescent single-ion magnets from Lanthanoid(III) complexes with monodentate ketone ligands. AIP Conference Proceedings, 2016, , .	0.3	12
1787	Lanthanide Ion Doped Upconverting Nanoparticles: Synthesis, Structure and Properties. Small, 2016, 12, 3888-3907.	5.2	91
1788	Antiphotobleaching: A Type of Structurally Rigid Chromophore Ready for Constructing Highly Luminescent and Highly Photostable Europium Complexes. Advanced Functional Materials, 2016, 26, 2085-2096.	7.8	67
1789	Coordinatively Unsaturated Lanthanide(III) Helicates: Luminescence Sensors for Adenosine Monophosphate in Aqueous Media. Angewandte Chemie - International Edition, 2016, 55, 9625-9629.	7.2	87
1790	Tetranuclear Heterometallic {Zn₂Eu₂} Complexes With 1â€Naphthoate Anions: Synthesis, Structure and Photoluminescence Properties. Chemistry - an Asian Journal, 2016, 11, 604-612.	1.7	30
1791	pHâ€Dependent Selfâ€Assembly of Ladderâ€Like Lanthanide Chains with Copper(I) Halide Clusters. ChemPlusChem, 2016, 81, 792-797.	1.3	1
1792	A Promising White-Light-Emitting Material Constructed from Encapsulating Eu3+/Tb3+ Hybrid Ions into a Robust Microporous Metal-Organic Framework. European Journal of Inorganic Chemistry, 2016, 2016, 2837-2842.	1.0	31
1793	Crystal structures, topological analysis and luminescence properties of three coordination polymers based on a semi-rigid ligand and N-donor ligand linkers. New Journal of Chemistry, 2016, 40, 5957-5965.	1.4	19
1794	f-Element coordination and extraction selectivity of a carbamoylmethylphosphine oxide ligand based on a tripodal phosphine oxide scaffold. Inorganica Chimica Acta, 2016, 449, 96-106.	1.2	9
1795	One novel near-infrared ytterbium metalâ€“organic framework based on an unprecedented [Yb6(Î¼2-OH)2(Î¼3-OH)6]10 + cluster. Inorganic Chemistry Communication, 2016, 70, 111-114.	1.8	4
1796	Understanding the Structure of Reversible Coordination Polymers Based on Europium in Electrostatic Assemblies Using Time-Resolved Luminescence. Langmuir, 2016, 32, 5830-5837.	1.6	4
1797	Visible-light excitable highly luminescent molecular plastic materials derived from Eu3+-biphenyl based Î²-diketonate ternary complex and poly(methylmethacrylate). Journal of Photochemistry and Photobiology A: Chemistry, 2016, 328, 171-181.	2.0	21
1798	Eight rare earth metal organic frameworks and coordination polymers from 2-nitroterephthlate: syntheses, structures, solid-state luminescence and an unprecedented topology. New Journal of Chemistry, 2016, 40, 7338-7349.	1.4	23
1799	Interaction of a symmetrical Î±,Î±â€²,Î´,Î´â€²-tetramethyl-cucurbit[6]uril with Ln³⁺: potential applications for isolation of lanthanides. CrystEngComm, 2016, 18, 5028-5035.	1.3	19
1800	Di- and triphenylacetate complexes of yttrium and europium. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 578-584.	0.2	3
1801	Supramolecular Approach to Enzyme Sensing on Paper Discs Using Lanthanide Photoluminescence. ACS Sensors, 2016, 1, 934-940.	4.0	58
1802	Supramolecular Assembly of Molecular Rare-Earthâ€“3,5-Dichlorobenzoic Acidâ€“2,2â€²:6â€²,2â€³-Terpyridine Materials: Structural Systematics, Luminescence Properties, and Magnetic Behavior. Inorganic Chemistry, 2016, 55, 6902-6915.	1.9	53

#	Article	IF	Citations
1803	2D lanthanide MOFs driven by a rigid 3,5-bis(3-carboxy-phenyl)pyridine building block: solvothermal syntheses, structural features, and photoluminescence and sensing properties. CrystEngComm, 2016, 18, 6425-6436.	1.3	84
1804	Syntheses and topological structures of four luminescent lanthanide phosphonates based on 2-(pyridyl-N-oxide)methylphosphonic acid and oxalic acid. Polyhedron, 2016, 117, 259-264.	1.0	9
1805	Influence of the characteristics of a water-in-CO₂ microemulsion on the separation of metal species. Separation Science and Technology, 2016, 51, 1940-1946.	1.3	1
1806	Visible and near-infrared luminescence of polycatenated cationic pyridinone lanthanide networks. Science China Chemistry, 2016, 59, 436-441.	4.2	6
1807	Colloidal europium nanoparticles via a solvated metal atom dispersion approach and their surface enhanced Raman scattering studies. Journal of Colloid and Interface Science, 2016, 476, 177-183.	5.0	13
1808	A series of lanthanide germanate cluster organic frameworks. Dalton Transactions, 2016, 45, 11958-11967.	1.6	11
1809	Syntheses, structures, surface photovoltage and luminescent properties of a novel lead(II) coordination polymer containing anthracene chromophore. Inorganic Chemistry Communication, 2016, 70, 99-102.	1.8	3
1810	Intensification of luminescence of Europium-EDTA complex in polyvinyl pyrrolidone films by copper nanoparticles. Optical Materials, 2016, 59, 3-7.	1.7	9
1811	Syntheses, structures and properties of a series of inorganicâ€“organic hybrid copperâ€“lanthanide heterometal comprising germanotungstates with mixed ligands. Synthetic Metals, 2016, 217, 256-265.	2.1	9
1812	OFFâ€“ONâ€“OFF Dual Emission at Visible and UV Wavelengths from Carbazole Functionalized Î²-Diketonate Europium(III) Complex. Journal of Physical Chemistry A, 2016, 120, 4131-4138.	1.1	10
1813	Multi-Color Luminescence and Sensing of Rare Earth Hybrids by Ionic Exchange Modification. Journal of Fluorescence, 2016, 26, 1497-1504.	1.3	5
1814	Synthesis, crystal structures, thermal and luminescent properties of a dysprosium complex with 5-sulfo-1,2,4-benzenetetricarboxylic acid potassium salt. Journal of Coordination Chemistry, 2016, 69, 1874-1882.	0.8	2
1815	Use of Lanthanideâ€Containing Polyoxometalates to Sensitise the Emission of Fluorescent Labelled Serum Albumin. ChemPhysChem, 2016, 17, 418-424.	1.0	9
1816	Sensitized luminescence from water-soluble LaF₃:Eu nanocrystals via partially-capped 1,10-phenanthroline: time-gated emission and multiple lifetimes. Dalton Transactions, 2016, 45, 12483-12495.	1.6	13
1817	Efficient and selective singlet oxygen sensitized NIR luminescence of a neodymium(III) complex and its application in biological imaging. Journal of Luminescence, 2016, 169, 549-552.	1.5	20
1818	Spectra, energy levels, and energy transition of lanthanide complexes with cinnamic acid and its derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 158, 29-33.	2.0	3
1819	Sub-5 nm lanthanide-doped lutetium oxyfluoride nanoprobes for ultrasensitive detection of prostate specific antigen. Chemical Science, 2016, 7, 2572-2578.	3.7	71
1820	Luminescent Lanthanide Sensors and Lanthanide Doped Upconversion Nanoparticles: Current Status and Future Expectations. Reviews in Fluorescence, 2016, , 269-299.	0.5	2

#	Article	IF	Citations
1821	First NIR luminescent polymeric high-nuclearity Cdâ€“Ln nanoclusters from a long-chain Schiff base ligand. Journal of Materials Chemistry C, 2016, 4, 1589-1593.	2.7	10
1822	â€œLigands-with-Benefitsâ€: Naphthalene-Substituted Schiff Bases Yielding New Ni^{II} Metal Clusters with Ferromagnetic and Emissive Properties and Undergoing Exciting Transformations. Inorganic Chemistry, 2016, 55, 1270-1277.	1.9	20
1823	Synthesis, structure and luminescent properties of lanthanide fluoroalkoxides. Dalton Transactions, 2016, 45, 3464-3472.	1.6	20
1824	Siderophore inspired tetra- and octadentate antenna ligands for luminescent Eu(III) and Tb(III) complexes. Journal of Inorganic Biochemistry, 2016, 162, 263-273.	1.5	16
1825	Enhanced visible and near infrared emissions via Ce³⁺to Ln³⁺energy transfer in Ln³⁺-doped CeF₃nanocrystals (Ln = Nd and Sm). Dalton Transactions, 2016, 45, 78-84.	1.6	33
1826	Color-tunable and single-band red upconversion luminescence from rare-earth doped Vernier phase ytterbium oxyfluoride nanoparticles. Journal of Materials Chemistry C, 2016, 4, 684-690.	2.7	45
1827	Peculiarities of bright blue liquid-phase chemiluminescence of the Eu 2+ * ion generated at interactions in the systems EuX 3 Â·6H 2 Oâ€“THFâ€“R 3 â^'n AlH n â€“O 2 (X=Cl, NO 3 ; R=Bu i , Et and Me; n =0, 1, 2). Journal of Luminescence, 2016, 172, 71-82.	1.5	12
1828	Acid-protected Eu(<scp>iii</scp>) coordination nanoparticles covered with polystyrene. Journal of Materials Chemistry C, 2016, 4, 75-81.	2.7	8
1829	Energy level schemes of f electronic configurations for the di-, tri-, and tetravalent lanthanides and actinides in a free state. Journal of Luminescence, 2016, 170, 369-374.	1.5	43
1830	Europium Luminescence Used for Logic Gate and Ions Sensing with Enoxacin As the Antenna. Analytical Chemistry, 2016, 88, 1238-1245.	3.2	42
1831	A novel europium coordination polymer based on mixed carboxylic acid ligands: Synthesis, structure and luminescence. Inorganic Chemistry Communication, 2016, 67, 90-94.	1.8	10
1832	Synthesis, structure and fluorescence of Er(III) complexes with benzoic acid and 4-chlorobenzoic acid. Inorganica Chimica Acta, 2016, 446, 169-175.	1.2	7
1833	Investigation of luminescence properties of Dy3+ doped YAlO3 phosphors synthesized through solid state method. Optik, 2016, 127, 9178-9195.	1.4	8
1834	Interligand electron transfer as a reason of very weak red luminescence of Eu((i-Bu)2PS2)3Phen and Eu(C4H8NCS2)3Phen complexes. Journal of Luminescence, 2016, 176, 130-135.	1.5	7
1835	Synthesis, characterization and photophysical studies of rare earth metal complexes with a mesogenic Schiff-base. Journal of Molecular Liquids, 2016, 216, 510-515.	2.3	20
1836	Lanthanide-based luminescence biolabelling. Chemical Communications, 2016, 52, 5080-5095.	2.2	178
1837	<scp>l</scp>- and <scp>d</scp>-[LnZn(IN)₃(C₂H₄O₂)]_n (Ln = Eu, Sm, and Gd): Chiral Enantiomerically 3D 3dâ€“4f Coordination Polymers Constructed by Interesting Butterfly-like Building Units and â^'[Ln-O-Zn]_nâ€“ Helices. Inorganic Chemistry, 2016, 55, 2048-2054.	1.9	38
1838	Research progress on polyoxometalate-based transition-metalâ€“rare-earth heterometallic derived materials: synthetic strategies, structural overview and functional applications. Chemical Communications, 2016, 52, 4418-4445.	2.2	245

#	Article	IF	Citations
1839	Organo-lanthanide luminophores bridged by phosphine oxide ligands. Journal of Luminescence, 2016, 170, 801-807.	1.5	18
1840	Sensing a Bacillis anthracis biomarker with well-known OLED emitter EuTta₃Phen. Journal of Materials Chemistry B, 2016, 4, 3043-3045.	2.9	18
1841	Energetic, electronic and optical properties of lanthanide doped TiO2: An ab initio LDA+U study. Journal of Solid State Chemistry, 2016, 237, 129-137.	1.4	32
1842	Luminescent Alkyne-Bearing Terbium(III) Complexes and Their Application to Bioorthogonal Protein Labeling. Inorganic Chemistry, 2016, 55, 1674-1682.	1.9	26
1843	Luminescent coordination polymers for the VIS and NIR range constituting LnCl₃ and 1,2-bis(4-pyridyl)ethane. Dalton Transactions, 2016, 45, 6529-6540.	1.6	18
1844	Preparation and photoluminescence enhancement in terbium(III) ternary complexes with Î²-diketone and monodentate auxiliary ligands. Cogent Chemistry, 2016, 2, 1134993.	2.5	19
1845	Synthesis, structures, luminescence and magnetism of nine lanthanide complexes with three-dimensional frameworks constructed from 2-(pyridyl-N-oxide)methylphosphonic acid and oxalic acid. CrystEngComm, 2016, 18, 2437-2445.	1.3	17
1846	Intrinsic blue-white luminescence, luminescence color tunability, synthesis, structure, and polymorphism of K₃YSi₂O₇. CrystEngComm, 2016, 18, 2294-2302.	1.3	27
1847	K⁺-Induced in situ self-assembly of near-infrared luminescent membrane material armored with bigger Yb(<scp>iii</scp>) complex crystallites. Chemical Communications, 2016, 52, 5124-5127.	2.2	8
1848	Tri- and tetranuclear Ru^{II}â€“GdIII2 and Ru^{II}â€“GdIII3 dâ€“f heterometallic complexes as potential bimodal imaging probes for MRI and optical imaging. New Journal of Chemistry, 2016, 40, 4606-4616.	1.4	10
1849	First examples of carbacylamidophosphate pentanuclear hydroxo-complexes: Synthesis, structure, luminescence and magnetic properties. Polyhedron, 2016, 106, 44-50.	1.0	13
1850	Efficient red emission from poly(vinyl butyral) films doped with a novel europium complex based on a terpyridyl ancillary ligand: synthesis, structural elucidation by Sparkle/RM1 calculation, and photophysical properties. Polymer Chemistry, 2016, 7, 1147-1157.	1.9	21
1851	A novel 1540nm light emission from erbium doped hydroxyapatite/Î²-tricalcium phosphate through co-precipitation method. Materials Letters, 2016, 167, 145-147.	1.3	24
1852	Synthesis, Structure, White-Light Emission, and Temperature Recognition Properties of Eu/Tb Mixed Coordination Polymers. Inorganic Chemistry, 2016, 55, 871-876.	1.9	75
1853	Lanthanide salen-type complexes exhibiting single ion magnet and photoluminescent properties. Dalton Transactions, 2016, 45, 2974-2982.	1.6	47
1854	Tuning of the sensing properties of luminescent Eu³⁺ complexes towards the nitrate anion. Dalton Transactions, 2016, 45, 3310-3318.	1.6	24
1855	The effect of vanadium substitution on photoluminescent properties of KSrLa(PO₄)_x(VO₄)_{2â^'x}:Eu³⁺ phosphors, a new variant of phosphovanadates. New Journal of Chemistry, 2016, 40, 1799-1806.	1.4	29
1856	Reviews in Fluorescence 2015. Reviews in Fluorescence, 2016, , .	0.5	2

#	Article	IF	Citations
1857	Mixed-anion templated cage-like lanthanide clusters: Gd₂₇ and Dy₂₇. Inorganic Chemistry Frontiers, 2016, 3, 320-325.	3.0	86
1858	Self-Assembly of a Family of Isopolytungstates Induced by the Synergistic Effect of the Nature of Lanthanoids and the pH Variation in the Reaction Process: Syntheses, Structures, and Properties. Crystal Growth and Design, 2016, 16, 108-120.	1.4	24
1859	Efficient luminescent materials based on the incorporation of a Eu(III)tris-(bipyridine-carboxylate) complex in mesoporous hybrid silicate hosts. Journal of Luminescence, 2016, 170, 619-626.	1.5	8
1860	Europium(III) tris-dibenzoylmethanate as an efficient chemosensor for detection of ammonia. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 155, 111-115.	2.0	20
1861	Synthesis and characterization of terbium(III) complexes with the biscoumarin derivative 3,3â€²-[(4-hydroxyphenyl)methyl]bis-(4-hydroxy-2H-chromen-2-one). Journal of Molecular Structure, 2016, 1106, 491-500.	1.8	4
1862	Amplification of light emission of chiral pyridine Eu(III) complex by copper nanoparticles. Journal of Luminescence, 2016, 170, 820-824.	1.5	17
1863	Luminescent silica nanoparticles for sensing acetylcholinesterase-catalyzed hydrolysis of acetylcholine. Biosensors and Bioelectronics, 2016, 77, 871-878.	5.3	21
1864	Structure and luminescent investigation of new Ln(III)-TTA complexes containing N-methyl-Îµ-caprolactam as ligand. Journal of Luminescence, 2016, 170, 654-662.	1.5	10
1865	Efficient near-infrared (NIR) luminescent PMMA-supported hybrid materials doped with tris-Î²-diketonate Ln3+ complex (Ln = Nd or Yb). Journal of Photochemistry and Photobiology A: Chemistry, 2016, 314, 104-113.	2.0	28
1866	Two novel solâ€“gel-derived nanostructures and their hemoglobin sensing features. Journal of Sol-Gel Science and Technology, 2016, 77, 205-210.	1.1	5
1867	Highly luminescent metal organic framework Eu(TMA)(H 2 O) 4 materials prepared by laser ablation technique in liquid. Journal of Luminescence, 2016, 170, 648-653.	1.5	14
1868	Electroswitchable optical device enabling both luminescence and coloration control consisted of fluoran dye and 1,4-benzoquinone. Solar Energy Materials and Solar Cells, 2016, 145, 42-53.	3.0	38
1869	Synthesis and structure of coordination polymers of praseodymium(III) and erbium(III) with hydrogen maleate and benzene-1,3-disulfonate as linkers. Monatshefte FÃ¼r Chemie, 2016, 147, 349-357.	0.9	3
1870	Switchable bioelectronics. Biosensors and Bioelectronics, 2016, 76, 251-265.	5.3	34
1871	Preparation of multicolor luminescent cellulose fibers containing lanthanide doped inorganic nanomaterials. Journal of Luminescence, 2016, 169, 520-527.	1.5	24
1872	Synthesis and characterization of luminescent indole-based europium complex for selective sensing of ATP. Journal of Biomolecular Structure and Dynamics, 2017, 35, 2049-2054.	2.0	1
1873	Single-molecule magnet behavior in a mononuclear dysprosium(<scp>iii</scp>) complex with 1-methylimidazole. RSC Advances, 2017, 7, 2766-2772.	1.7	7
1874	Synthesis, metal binding and spectral properties of novel bis-1,3-diketone calix[4]arenes. New Journal of Chemistry, 2017, 41, 1526-1537.	1.4	21

#	Article	IF	Citations
1875	Chelating agents for radiolanthanides: Applications to imaging and therapy. Coordination Chemistry Reviews, 2017, 340, 198-219.	9.5	43
1876	Morphology control of uniform CaMoO₄microarchitectures and development of white light emitting phosphors by Ln doping (Ln = Dy³⁺, Eu³⁺). CrystEngComm, 2017, 19, 1590-1600.	1.3	36
1877	Copper(<scp>i</scp>)/(<scp>ii</scp>)-redox triggered efficient and green rare-earth separation using a heterometallic metalâ€“organic framework. Green Chemistry, 2017, 19, 1250-1254.	4.6	12
1878	PNBE-supported metallopolymer-type optical materials through grafting of Zn-Ln (LnÂ=ÂNd, Yb or Er) benzimidazole complex monomers with efficient NIR luminescence. Optical Materials, 2017, 64, 106-113.	1.7	9
1879	Simultaneous spectra and dynamics processes tuning of a single upconversion microtube through Yb³⁺ doping concentration and excitation power. Physical Chemistry Chemical Physics, 2017, 19, 4288-4296.	1.3	39
1880	Control of Emission and Coloration in Electrochemical Systems and Its Applications. , 2017, , 175-213.		0
1881	Synthesis, luminescent and magnetic properties of new tetranuclear lanthanide complexes with 4-hydroxy-2,1,3-benzothiadiazolate and dibenzoylmethanide ligands. Polyhedron, 2017, 124, 139-144.	1.0	14
1882	Anionic Lanthanide MOFs as a Platform for Iron-Selective Sensing, Systematic Color Tuning, and Efficient Nanoparticle Catalysis. Inorganic Chemistry, 2017, 56, 1402-1411.	1.9	157
1883	A green-emitting iridium complex used for sensitizing europium ion with high quantum yield. Inorganica Chimica Acta, 2017, 459, 124-130.	1.2	10
1884	Solar-Pumping Upconversion of Interfacial Coordination Nanoparticles. Scientific Reports, 2017, 7, 41446.	1.6	11
1885	Bioinspired Orientation of Î²-Substituents on Porphyrin Antenna Ligands Switches Ytterbium(III) NIR Emission with Thermosensitivity. Inorganic Chemistry, 2017, 56, 1897-1905.	1.9	31
1886	Two unique hydroxyl bridged lanthanide polymers incorporating mixed carboxylate ligands: Syntheses, structures, luminescence and magnetic property. Inorganica Chimica Acta, 2017, 459, 87-94.	1.2	14
1887	Hard-and-soft phosphinoxide receptors for f-element binding: structure and photophysical properties of europium(<scp>iii</scp>) complexes. Dalton Transactions, 2017, 46, 2238-2248.	1.6	35
1888	Syntheses, structural characterization and photophysical properties of two series of rare-earth-isonicotinic-acid containing Waugh-type manganomolybdates. CrystEngComm, 2017, 19, 834-852.	1.3	15
1889	Non-injection and one-pot approach to CdSe: Eu3+ hybrid nanocrystals with tunable photoluminescence from green to red. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	3
1890	Crystal structures and intense luminescence of tris(3-(2â€²-pyridyl)-pyrazolyl)borate Tb³⁺ and Eu³⁺ complexes with carboxylate co-ligands. Dalton Transactions, 2017, 46, 3457-3469.	1.6	19
1891	Building block magneto-luminescent nanomaterials of iron-oxide/ZnS@LaF₃:Ce³⁺,Gd³⁺,Tb³⁺ with green emission. Journal of Materials Chemistry C, 2017, 5, 2282-2290.	2.7	25
1892	Syntheses, Crystal structures, Magnetisms and Luminescences of two Series of Lanthanide Coordination Polymers Based on Tricarboxylic Ligand. ChemistrySelect, 2017, 2, 1111-1116.	0.7	2

#	Article	IF	Citations
1893	LMCT facilitated room temperature phosphorescence and energy transfer in substituted thiophenolates of Gd and Yb. Dalton Transactions, 2017, 46, 3041-3050.	1.6	37
1894	Study on luminescence properties of co-doped nanoparticles Gd 2 O 3 :Tb 3+ , Eu 3+ synthesized by polyol route. Ceramics International, 2017, 43, 6472-6476.	2.3	7
1895	Efficient NIR (near-infrared) luminescent ZnLn-grafted (Ln=Nd, Yb or Er) PNBE (Poly(norbornene)). Journal of Luminescence, 2017, 186, 23-29.	1.5	9
1896	Fluorescence enhancement of europium nitrobenzoates by Ag@SiO 2 nanoparticles in solution. Journal of Luminescence, 2017, 186, 255-261.	1.5	8
1897	Synthesis and spectral studies of some rare earth metal complexes of a heterocyclic mesogenic Schiff-base. Inorganic and Nano-Metal Chemistry, 2017, 47, 1260-1265.	0.9	1
1898	Syntheses, structures, and luminescence of three new lanthanide carboxylate complexes. Inorganic and Nano-Metal Chemistry, 2017, 47, 1369-1373.	0.9	2
1899	Eu³⁺- and Tb³⁺-Dipicolinate Complexes Covalently Grafted into Kaolinite as Luminescence-Functionalized Clay Hybrid Materials. Journal of Physical Chemistry C, 2017, 121, 5081-5088.	1.5	13
1900	Innovative electrolytes based on chitosan and thulium for solid state applications: Synthesis, structural, and thermal characterization. Journal of Electroanalytical Chemistry, 2017, 788, 156-164.	1.9	19
1901	Ag⁺-induced photoluminescence enhancement in lanthanide post-functionalized MOFs and Ag⁺ sensing. Physical Chemistry Chemical Physics, 2017, 19, 9174-9180.	1.3	27
1902	808â€nmâ€Lightâ€Excited Lanthanideâ€Doped Nanoparticles: Rational Design, Luminescence Control and Theranostic Applications. Advanced Materials, 2017, 29, 1605434.	11.1	229
1903	Supramolecular polymeric assemblies of Ï€-conjugated molecules possessing phenylisoxazoles. Polymer, 2017, 128, 243-256.	1.8	15
1904	Magnetoluminescent Bifunctional Dysprosium-Based Phosphotungstates with Synthesis and Correlations between Structures and Properties. Crystal Growth and Design, 2017, 17, 1947-1956.	1.4	39
1905	Lanthanide-Activated Phosphors Based on 4f-5d Optical Transitions: Theoretical and Experimental Aspects. Chemical Reviews, 2017, 117, 4488-4527.	23.0	702
1906	ZnS Nanoparticles Sensitize Luminescence of Capping-Ligand-Bound Lanthanide Ions. Inorganic Chemistry, 2017, 56, 3260-3268.	1.9	17
1907	Nano optical probe samarium tetracycline complex for early diagnosis of histidinemia in new born children. Biosensors and Bioelectronics, 2017, 94, 81-86.	5.3	27
1908	Eu:Y2O3 highly dispersed fluorescent PVA film as turn off luminescent probe for enzyme free detection of H2O2. Sensors and Actuators B: Chemical, 2017, 247, 170-178.	4.0	24
1909	Low-Percentage Ln³⁺ Doping in a Tetranuclear Lanthanum Polyoxometalate Assembled from [Mo₇O₂₄]^{6â€“} Polyanions Yielding Visible and Near-Infrared Luminescence. Inorganic Chemistry, 2017, 56, 3190-3200.	1.9	25
1910	Portable Luminescence Based Fiber Optic Probe for REE Detection and Quantification. IEEE Sensors Journal, 2017, 17, 2644-2648.	2.4	14

#	Article	IF	Citations
1911	Selfâ€Assembly of Tunable Heterometallic Lnâ€“Ru Coordination Polymers with Nearâ€Infrared Luminescence and Magnetocaloric Effect. Chemistry - A European Journal, 2017, 23, 2852-2857.	1.7	26
1912	Di- and octa-nuclear dysprosium clusters derived from pyridyl-triazole based ligand: {Dy₂} showing single molecule magnetic behaviour. Dalton Transactions, 2017, 46, 2981-2987.	1.6	27
1913	Near infrared electroluminescence from Nd(TTA) 3 phen in solution-processed small molecule organic light-emitting diodes. Organic Electronics, 2017, 44, 50-58.	1.4	33
1914	Specific features of europium tris-benzoylacetonate sensor response to gaseous ammonia. Sensors and Actuators B: Chemical, 2017, 246, 46-52.	4.0	10
1915	Thermally Stable White Emitting Eu³⁺ Complex@Nanozeolite@Luminescent Glass Composite with High CRI for Organic-Resin-Free Warm White LEDs. ACS Applied Materials & Interfaces, 2017, 9, 7272-7281.	4.0	42
1916	Luminescent Eu 3+ and Tb 3+ complexes of 4-aminophenyl terpyridine (ptpy): Photophysical aspects, DNA and serum protein binding properties. Journal of Luminescence, 2017, 187, 46-52.	1.5	30
1917	Flexible Ligandâ€Based Lanthanide Threeâ€Dimensional Metalâ€“Organic Frameworks with Tunable Solidâ€State Photoluminescence and OHâ€Solventâ€Sensing Properties. European Journal of Inorganic Chemistry, 2017, 2017, 2321-2331.	1.0	19
1918	Tuning Coordination Environment: Better Photophysical Performance of Europium(III) Complex. Journal of Physical Chemistry C, 2017, 121, 5925-5930.	1.5	12
1919	Novel mononuclear and 1D-polymeric derivatives of lanthanides and (Î·⁶-benzoic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427 3369-3380.	1.6	25
1920	F-element metalated dipyrrins: synthesis and characterization of a family of uranyl bis(dipyrrinate) complexes. Dalton Transactions, 2017, 46, 3284-3294.	1.6	9
1921	Atomic/molecular layer deposition of hybrid inorganicâ€“organic thin films from erbium guanidinate precursor. Journal of Materials Science, 2017, 52, 6216-6224.	1.7	17
1922	Structure Variation from One-Dimensional Chain to Three-Dimensional Architecture: Effect of Ligand on Construction of Lanthanide Coordination Polymers. Journal of Chemical Sciences, 2017, 129, 271-280.	0.7	6
1923	Luminescent properties of europium titanium phosphate thin films deposited by atomic layer deposition. RSC Advances, 2017, 7, 8051-8059.	1.7	12
1924	Bifunctional Nanomaterials: Magnetism, Luminescence and Multimodal Biomedical Applications. , 2017, , 121-171.		8
1925	A Sensor for Trace H2O Detection in D2O. CheM, 2017, 2, 579-589.	5.8	91
1926	Lanthanide coordination polymer nanoparticles as a turn-on fluorescence sensing platform for simultaneous detection of histidine and cysteine. Analyst, The, 2017, 142, 1821-1826.	1.7	48
1927	Understanding the speciation of Ln(<scp>iii</scp>) complexes with octadentate tripodal ligands. New Journal of Chemistry, 2017, 41, 4390-4399.	1.4	2
1928	Covalently-bonded grafting of [Ln 3 (Benzimidazole) 4]-arrayed (LnÂ=ÂTb, Nd, Yb or Er) complex monomers into PNBE (poly(norbornene)) with highly luminous color-purity green-light or efficient NIR luminescence. Optical Materials, 2017, 69, 158-163.	1.7	3

#	Article	IF	Citations
1929	Fine Tuning of Multicolored Photoluminescence in Crystalline Magnetic Materials Constructed of Trimetallic Eu_xTb_{1â€“x}[Co(CN)₆] Cyanido-Bridged Chains. Inorganic Chemistry, 2017, 56, 5239-5252.	1.9	47
1930	Circularly polarized luminescence on dinuclear Tb(iii) and Eu(iii) complexes with (S-) and (R-) 2-phenylpropionate. Dalton Transactions, 2017, 46, 6349-6357.	1.6	19
1931	High-temperature thermographic phosphor mixture YAP/YAG:Dy3+ and its photoluminescence properties. Journal of Luminescence, 2017, 188, 582-588.	1.5	31
1932	Preparation and characterization of multifunctional mesoporous silica nanoparticles for dual magnetic resonance and fluorescence imaging in targeted cancer therapy. Microporous and Mesoporous Materials, 2017, 250, 210-220.	2.2	26
1933	Eu³⁺based mesoporous hybrid material with tunable multicolor emission modulated by fluoride ion: application for selective sensing toward fluoride ion. Journal of Materials Chemistry C, 2017, 5, 5411-5419.	2.7	25
1934	UV and Temperature-Sensing Based on NaGdF₄:Yb³⁺:Er³⁺@SiO₂â€“Eu(tta)₃. ACS Omega, 2017, 2, 2065-2071.	1.6	50
1935	Triboluminescence of Lanthanide Coordination Polymers with Faceâ€toâ€Face Arranged Substituents. Angewandte Chemie - International Edition, 2017, 56, 7171-7175.	7.2	54
1936	Tunable Luminescent Lanthanide Supramolecular Assembly Based on Photoreaction of Anthracene. Journal of the American Chemical Society, 2017, 139, 7168-7171.	6.6	98
1937	Stoichiometry of lanthanide(iii) complexes with tripodal aminophosphonic ligands â€“ a new solution to an old problem. Inorganic Chemistry Frontiers, 2017, 4, 1200-1210.	3.0	7
1938	Upconverting Er³⁺,Yb³⁺ activated Î²-NaYF₄ thin films: a solution route using a novel sodium Î²-diketonate polyether adduct. New Journal of Chemistry, 2017, 41, 4771-4775.	1.4	18
1939	Influence of activator concentration on green-emitting Tb 3+ -doped materials derived by sol-gel method. Journal of Luminescence, 2017, 188, 400-408.	1.5	14
1940	Determination of flunixin by sensitized terbium fluorescence in the presence of surfactant micelles. Journal of Analytical Chemistry, 2017, 72, 562-566.	0.4	5
1941	Luminescence of pyrazolic 1,3-diketone<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0042.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Pr</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mo>+</mml:mo></mml:msup></mml:math> with 1,10-phenanthroline. Journal of Luminescence, 2017, 188, 365-370.	1.5	23
1942	Ab initio assessment of Bi_{1â€“x}RE_xCuOS (RE = La, Gd, Y, Lu) solid solutions as a semiconductor for photochemical water splitting. Physical Chemistry Chemical Physics, 2017, 19, 12321-12330.	1.3	21
1943	Syntheses and luminescence of three lanthanide complexes constructed by flexible carboxylate ligand. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 244-251.	0.3	5
1944	The Construction of Homochiral Lanthanide Quadrupleâ€Stranded Helicates with Multiresponsive Sensing Properties toward Fluoride Anions. Chemistry - A European Journal, 2017, 23, 9804-9811.	1.7	43
1945	Thermostable 1D Lanthanide 4â€Phenylbenzoate Polymers [Ln(4â€phbz)₃]_n (Ln = Sm, Eu, Gd, Tb, Dy, Ho) with Isolated Metal Chains: Synthesis, Structure, Luminescence, and Magnetic Properties. European Journal of Inorganic Chemistry, 2017, 2017, 2892-2904.	1.0	7
1946	Ligand sensitized strong luminescence from Eu³⁺-doped LiYF₄ nanocrystals: a photon down-shifting strategy to increase solar-to-current conversion efficiency. Dalton Transactions, 2017, 46, 9646-9653.	1.6	12

#	Article	IF	Citations
1947	Cadmium(ii) coordination polymers based on substituted malonic acid: synthesis, characterization and photoluminescence properties. Inorganic Chemistry Frontiers, 2017, 4, 1384-1392.	3.0	10
1948	Towards Efficient Spectral Converters through Materials Design for Luminescent Solar Devices. Advanced Materials, 2017, 29, 1606491.	11.1	174
1949	Photoluminescence and magnetic analysis of a family of lanthanide(<scp>iii</scp>) complexes based on diclofenac. New Journal of Chemistry, 2017, 41, 5467-5475.	1.4	19
1950	Efficient multicolor tunability of ultrasmall ternary-doped LaF₃ nanoparticles: energy conversion and magnetic behavior. Physical Chemistry Chemical Physics, 2017, 19, 18660-18670.	1.3	21
1951	Supramolecular coordination polymers of La(III), Ce(III), Sm(III), Gd(III) and Eu(III) decorated with rigid 5-hydroxy-1,3-benzenedicarboxylate and flexible hexane-1,6-dicarboxylate linkers: Syntheses, structures, DFT study, luminescence and magnetic properties. Polyhedron, 2017, 134, 153-165.	1.0	5
1952	Color-Tunable and White-Light Luminescence in Lanthanideâ€“Dicyanoaurate Coordination Polymers. Inorganic Chemistry, 2017, 56, 7948-7959.	1.9	41
1953	Luminescent probing of the simplest chiral Î±â€amino acidâ€“alanine in an enantiopure and racemic state. Chirality, 2017, 29, 332-339.	1.3	0
1954	The effects of counter anions on the dynamic mechanical response in polymer networks crosslinked by metalâ€“ligand coordination. Journal of Polymer Science Part A, 2017, 55, 3110-3116.	2.5	29
1955	Circularly Polarized Luminescence of Silica-Grafted Europium Chiral Derivatives Prepared through a Sequential Functionalization. Inorganic Chemistry, 2017, 56, 7010-7018.	1.9	28
1956	How Important is the Host (Semiconductor Nanoparticles) Identity and Absolute Band Gap in Host-Sensitized Dopant Photoluminescence?. Journal of Physical Chemistry Letters, 2017, 8, 2794-2798.	2.1	24
1957	Temperature dependent NIR emitting lanthanide-PMO/silica hybrid materials. Dalton Transactions, 2017, 46, 7878-7887.	1.6	33
1958	Discrimination of tabun mimic diethyl cyanophosphonate from sarin mimic diethyl chlorophosphate via Zn(<scp>ii</scp>)-triggered photoinduced electron transfer-decoupled excited state intramolecular proton transfer processes. New Journal of Chemistry, 2017, 41, 6661-6666.	1.4	34
1959	An Efficient Blue-Emissive Metalâ€“Organic Framework (MOF) for Lanthanide-Encapsulated Multicolor and Stimuli-Responsive Luminescence. Inorganic Chemistry, 2017, 56, 6362-6370.	1.9	104
1960	Triboluminescence of Lanthanide Coordination Polymers with Faceâ€toâ€Face Arranged Substituents. Angewandte Chemie, 2017, 129, 7277-7281.	1.6	15
1961	Interference-enhanced infrared-to-visible upconversion in solid-state thin films sensitized by colloidal nanocrystals. Applied Physics Letters, 2017, 110, .	1.5	39
1962	Tailoring lanthanide doping in perovskite CaTiO₃ for luminescence applications. Physical Chemistry Chemical Physics, 2017, 19, 16189-16197.	1.3	22
1963	Rational composition control of mixed-lanthanide metal-organic frameworks by an interfacial reaction with metal ion-doped polymer substrates. Journal of Solid State Chemistry, 2017, 253, 43-46.	1.4	4
1964	Colorimetric sensor arrays for amines based on responsive lanthanide complex entrapment. Journal of Materials Chemistry C, 2017, 5, 6805-6811.	2.7	35

#	Article	IF	Citations
1965	Sc³⁺-induced morphology, phase structure, and upconversion luminescence evolution of YF₃:Yb/Er nanocrystals. Journal of Materials Chemistry C, 2017, 5, 6450-6456.	2.7	26
1966	Single-nodal linking for Zn2+-Nd3+-containing metallopolymer with efficient near-infrared (NIR) luminescence. Inorganic Chemistry Communication, 2017, 83, 36-39.	1.8	3
1967	Multifunctional, Tunable Metalâ€“Organic Framework Materials Platform for Bioimaging Applications. ACS Applied Materials & Interfaces, 2017, 9, 22268-22277.	4.0	122
1968	A europium-based â€˜off-onâ€™ colourimetric detector of singlet oxygen. Inorganica Chimica Acta, 2017, 462, 236-240.	1.2	11
1969	Binuclear europium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: Controllable synthesis, unique structural transitions, and remarkable luminescence. Polyhedron, 2017, 129, 105-113.	1.0	9
1970	Lanthanide â€œChameleonâ€•Multistage Antiâ€Counterfeit Materials. Advanced Functional Materials, 2017, 27, 1700258.	7.8	99
1971	Complex Magnetic Nanostructures. , 2017, , .		6
1972	A luminogenic lanthanide-based probe for the highly selective detection of nanomolar sulfide levels in aqueous samples. Chemical Communications, 2017, 53, 4911-4914.	2.2	46
1973	Photo and electroluminescence of a platinum porphyrin doping of complexes with two metal cores. Journal of Materials Science: Materials in Electronics, 2017, 28, 10012-10018.	1.1	1
1974	Red luminescence control of Eu(<scp>iii</scp>) complexes by utilizing the multi-colored electrochromism of viologen derivatives. Physical Chemistry Chemical Physics, 2017, 19, 16979-16988.	1.3	22
1975	Mechanistic Investigation of Inducing Triboluminescence in Lanthanide(III) Î²-Diketonate Complexes. Inorganic Chemistry, 2017, 56, 5135-5140.	1.9	48
1976	Strongly Circularly Polarized Emission from Water-Soluble Eu(III)- and Tb(III)-Based Complexes: A Structural and Spectroscopic Study. Inorganic Chemistry, 2017, 56, 4413-4421.	1.9	60
1977	Identification of Lanthanide(III) Luminophores in Magnetic Circularly Polarized Luminescence Using Raman Optical Activity Instrumentation. Analytical Chemistry, 2017, 89, 5043-5049.	3.2	44
1978	Two Novel Two-Dimensional Lanthanide (III) Coordination Polymers Constructed from Isonicotinic Acid and Iminodiacetic Acid: Synthesis, Structure, and Luminescence Properties. Journal of Cluster Science, 2017, 28, 2005-2015.	1.7	8
1979	Pd cross-coupling reactions in the access to bis-pyrazole and bis-indazole pyridine-based nona-coordinated ligands. Luminescence properties of their lanthanide complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 342, 53-58.	2.0	5
1980	Solvent-dependent dual-luminescence properties of a europium complex with helical Ï€-conjugated ligands. Photochemical and Photobiological Sciences, 2017, 16, 683-689.	1.6	9
1981	Near-infrared emitting iridium(<scp>iii</scp>) complexes for mitochondrial imaging in living cells. Dalton Transactions, 2017, 46, 4777-4785.	1.6	41
1982	Relative Study of Luminescent Properties with Judd-Ofelt Characterization in Trivalent Europium Complexes Comprising ethyl-(4-fluorobenzoyl) Acetate. Journal of Fluorescence, 2017, 27, 1349-1358.	1.3	22

#	Article	IF	Citations
1983	Luminescence sensing of weakly-hydrated anions in aqueous solution by self-assembled europium(<scp>iii</scp>) complexes. Chemical Communications, 2017, 53, 3967-3970.	2.2	12
1984	Mononuclear Dy(III) complex based on bipyridyl-tetrazolate ligand with field-induced single-ion magnet behavior and luminescent properties. Inorganic Chemistry Communication, 2017, 79, 41-45.	1.8	10
1985	Rational design of triple-bridged dinuclear Zn^{II}Ln^{III}-based complexes: a structural, magnetic and luminescence study. CrystEngComm, 2017, 19, 256-264.	1.3	26
1986	Estimating the Donorâ€“Acceptor Distance To Tune the Emission Efficiency of Luminescent Lanthanide Compounds. Inorganic Chemistry, 2017, 56, 709-712.	1.9	31
1987	Reduced mobilities of lanthanide cations measured using high-resolution ion mobility mass spectrometry with comparisons between experiment and theory. International Journal of Mass Spectrometry, 2017, 412, 14-19.	0.7	15
1988	Luminescence in Electrochemistry. , 2017, , .		9
1989	3dâ€“4f heterometallic trinuclear complexes derived from amine-phenol tripodal ligands exhibiting magnetic and luminescent properties. Dalton Transactions, 2017, 46, 1153-1162.	1.6	69
1990	Size controllable synthesis and multicolor fluorescence of SiO 2 :Ln 3+ (Ln=Eu, Tb) spherical nanoparticles. Ceramics International, 2017, 43, 4440-4449.	2.3	12
1991	Structural Transformation from Dimerization to Tetramerization of Serineâ€Decorated Rareâ€Earthâ€Incorporated Arsenotungstates Induced by the Usage of Rareâ€Earth Salts. Chemistry - A European Journal, 2017, 23, 2673-2689.	1.7	95
1992	Self-Assembled Tb³⁺ Complex Probe for Quantitative Analysis of ATP during Its Enzymatic Hydrolysis via Time-Resolved Luminescence in Vitro and in Vivo. ACS Applied Materials & Interfaces, 2017, 9, 722-729.	4.0	38
1993	A reliable amplified fluorescence-enhanced chemosensor (Eu-MIL-61) for the directional detection of Ag⁺ in an aqueous solution. Dalton Transactions, 2017, 46, 875-881.	1.6	32
1994	Enhancement of the luminescence properties of high-nuclearity Cdâ€“Ln (Ln = Eu and Nd) nanoclusters by the introduction of more energy transfer donors. Nanoscale, 2017, 9, 517-521.	2.8	9
1995	Hydroxyquinolineâ€“Calix[4]arene Conjugates as Ligands for Polynuclear Lanthanide Complexes: Preparation, Characterization, and Properties of a Dinuclear Eu^{III} Complex. European Journal of Inorganic Chemistry, 2017, 2017, 894-901.	1.0	17
1996	A Ag-La heterometallic 2D layer based on mono-lacunary Keggin polyoxometalate: Synthesis, structure, and photocatalytic property. Solid State Sciences, 2017, 73, 36-40.	1.5	7
1997	Luminescent Carrageenan Hydrogels Containing Lanthanopolyoxometalates. European Journal of Inorganic Chemistry, 2017, 2017, 4976-4981.	1.0	5
1998	Carbon nanodots crosslinked photoluminescent alginate hydrogels. RSC Advances, 2017, 7, 50389-50395.	1.7	17
1999	Oneâ€Step Reaction for Screening of Chromophores to Improve the Luminescence of Lanthanide Complexes. Asian Journal of Organic Chemistry, 2017, 6, 1845-1850.	1.3	8
2000	An efficient route for design of luminescent composite materials based on polyethylene containing europium dibenzoylmethanate. New Journal of Chemistry, 2017, 41, 13663-13672.	1.4	7

#	Article	IF	Citations
2001	Sensitization of Ln^{III} (Ln = Eu, Tb, Tm) Ion Luminescence by Functionalized Polycarbonateâ€Based Materials and White Light Generation. European Journal of Inorganic Chemistry, 2017, 2017, 5310-5317.	1.0	11
2002	Binary temporal upconversion codes of Mn2+-activated nanoparticles for multilevel anti-counterfeiting. Nature Communications, 2017, 8, 899.	5.8	290
2003	Selective cytotoxicity and luminescence imaging of cancer cells with a dipicolinato-based Eu^{III}complex. Chemical Communications, 2017, 53, 11818-11821.	2.2	33
2004	Influence of the Introduction of Organic â€œGuestsâ€•on the Luminescent Properties of Inclusion Compounds Based on the Coordination Polymer Eu(BTB). Theoretical and Experimental Chemistry, 2017, 53, 244-250.	0.2	3
2005	Rare Earth Doped Zinc Oxide Nanophosphor Powder: A Future Material for Solid State Lighting and Solar Cells. ACS Photonics, 2017, 4, 2613-2637.	3.2	219
2006	The construction of a lanthanide coordination polymer as ratiometric luminescent H2PO4â^' sensor. Dyes and Pigments, 2017, 147, 429-435.	2.0	16
2007	Assessing inter lanthanide photophysical interactions in co-doped titanium dioxide nanoparticles for multiplex assays. RSC Advances, 2017, 7, 40767-40778.	1.7	14
2008	Lanthanide DO3A-Tropone Complexes: Efficient Dual MR/NIR Imaging Probes in Aqueous Medium. European Journal of Inorganic Chemistry, 2017, 2017, 4965-4968.	1.0	12
2009	Lanthanide Fluorobenzoates as Bioâ€Probes: a Quest for the Optimal Ligand Fluorination Degree. Chemistry - A European Journal, 2017, 23, 14944-14953.	1.7	24
2010	A Series of Lanthanideâ€“Germanate Oxo Clusters Decorated by 1,10-Phenanthroline Chromophores. Inorganic Chemistry, 2017, 56, 10361-10369.	1.9	24
2011	Synthesis, characterization and properties of lanthanide coordination polymers with 3,5-bis(4-carboxyphenylmethyloxy) benzoic acid. New Journal of Chemistry, 2017, 41, 11215-11224.	1.4	11
2012	Synthesis, structure, and photoluminescent behaviour of molecular lanthanideâ€“2-thiophenecarboxylateâ€“2,2â€²:6â€²,2â€²â€²-terpyridine materials. CrystEngComm, 2017, 19, 5300-5312.	1.3	24
2013	14-Membered cyclic bis-semicarbazones: Stereoselective synthesis and structural features. Journal of Molecular Structure, 2017, 1150, 349-357.	1.8	8
2014	Microemulsionâ€Mediated Synthesis and Properties of Uniform Ln:CaWO₄ (Ln = Eu, Dy) Nanophosphors with Multicolor Luminescence for Optical and CT Imaging. European Journal of Inorganic Chemistry, 2017, 2017, 5158-5168.	1.0	5
2015	Biologically derived metal organic frameworks. Coordination Chemistry Reviews, 2017, 349, 102-128.	9.5	116
2016	Highly dispersed ultra-small Pd nanoparticles on gadolinium hydroxide nanorods for efficient hydrogenation reactions. Nanoscale, 2017, 9, 13800-13807.	2.8	72
2017	A method for estimating intracellular ion concentration using optical nanosensors and ratiometric imaging. Scientific Reports, 2017, 7, 10819.	1.6	28
2018	Ternary Eu(<scp>iii</scp>) and Tb(<scp>iii</scp>) Î²-diketonate complexes containing chalcones: photophysical studies and biological outlook. RSC Advances, 2017, 7, 44272-44281.	1.7	30

#	Article	IF	Citations
2019	Influence of the Structure of 3-Arylacetylacetonate Ligands on the Luminescence Properties of Eu3+ and Tb3+ Complexes. Theoretical and Experimental Chemistry, 2017, 53, 180-186.	0.2	6
2020	Octahedral Yb(<scp>iii</scp>) complexes embedded in [Co^{III}(CN)₆]-bridged coordination chains: combining sensitized near-infrared fluorescence with slow magnetic relaxation. Dalton Transactions, 2017, 46, 13668-13672.	1.6	37
2021	Ultra-Sensitive Nano Optical Sensor Samarium-Doxycycline Doped in Sol Gel Matrix for Assessment of Glucose Oxidase Activity in Diabetics Disease. Journal of Fluorescence, 2017, 27, 1885-1895.	1.3	2
2022	Luminescence Resonance Energy Transfer in a Multipleâ€Component, Selfâ€Assembled Supramolecular Hydrogel. Angewandte Chemie, 2017, 129, 10870-10874.	1.6	12
2023	Î²-Fluorinated porpholactones and metal complexes: synthesis, characterization and some spectroscopic studies. Inorganic Chemistry Frontiers, 2017, 4, 1539-1545.	3.0	18
2024	Assessment of Density Functionals for Computing Thermodynamic Properties of Lanthanide Complexes. ChemPhysChem, 2017, 18, 2688-2696.	1.0	25
2025	Polymorphism of Erbium Oxyfluoride: Selective Synthesis, Crystal Structure, and Phaseâ€Dependent Upconversion Luminescence. European Journal of Inorganic Chemistry, 2017, 2017, 3849-3854.	1.0	9
2026	Solvothermal Synthesis, Crystal Structure, and Luminescent Properties of Three Heterometallic Lanthanideâ€Transitionâ€Metal Frameworks Constructed from Three Types of CuBr Motifs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1004-1010.	0.6	3
2027	Synthesis, Structure, Photoluminescence, and Electroluminescence of Four Europium Complexes: Fabrication of Pure Red Organic Lightâ€Emitting Diodes from Europium Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 3644-3654.	1.0	22
2028	A Selective Cation Exchange Strategy for the Synthesis of Colloidal Yb³⁺-Doped Chalcogenide Nanocrystals with Strong Broadband Visible Absorption and Long-Lived Near-Infrared Emission. Journal of the American Chemical Society, 2017, 139, 11814-11824.	6.6	77
2029	Synthesis and Characterization of an Isomorphous Lanthanide-Thiophenemonocarboxylate Series (Ln =) Tj ETQq0 0 0 rgBT /Overlock 10	1.4	16
2030	Self-assembly of coordination polymers of Pr(III), Nd(III), Tb(III), Dy(III) and Ho(III) with 5-hydroxyisophthalic acid and adipic acid: Syntheses, structures, porosity, luminescence and magnetic properties. Journal of Solid State Chemistry, 2017, 255, 61-69.	1.4	22
2031	Synthesis, Structure and Magnetism of Coordination Polymers Based on [{Re4Te4(CN)12]4â^' Cluster Anions and [Ln(phen)(H2O)3Ln(phen)(H2O)2(Î¼-OH)2]4+ (LnÂ=ÂDy, Ho, Er) Dimeric Fragments. Journal of Cluster Science, 2017, 28, 3103-3114.	1.7	3
2032	Intense NIR emission in YVO₄:Yb³⁺ thin films by atomic layer deposition. Journal of Materials Chemistry C, 2017, 5, 8572-8578.	2.7	14
2033	Adducts of aqua complexes of Ln³⁺ with a di-hydroxylated symmetrical octamethyl-substituted cucurbituril: potential applications for isolation of heavier lanthanides. CrystEngComm, 2017, 19, 5635-5639.	1.3	13
2034	Rare-Earth-Containing Materials for Photoelectrochemical Water Splitting Applications. Semiconductors and Semimetals, 2017, 97, 185-219.	0.4	12
2035	Near-infrared luminescent metallacrowns for combined in vitro cell fixation and counter staining. Chemical Science, 2017, 8, 6042-6050.	3.7	42
2036	Hydrothermal synthesis of Ba₃Sc₂F₁₂:Yb³⁺, Ln³⁺ (Ln = Er, Ho, Tm) crystals and their up conversion white light emission. RSC Advances, 2017, 7, 56229-56238.	1.7	3

#	Article	IF	Citations
2038	Efficient Energy Transfer from Near-Infrared Emitting Gold Nanoparticles to Pendant Ytterbium(III). Journal of the American Chemical Society, 2017, 139, 17767-17770.	6.6	15
2039	Rare earth metalâ€“organic complexes constructed from hydroxyl and carboxyl modified arenesulfonate: syntheses, structure evolutions, and ultraviolet, visible and near-infrared luminescence. Dalton Transactions, 2017, 46, 16493-16504.	1.6	22
2040	An experimental investigation into the reduced mobilities of lanthanide cations using high-resolution ion mobility mass spectrometry. International Journal of Mass Spectrometry, 2017, 423, 54-58.	0.7	7
2041	Lanthanide complex-derived white-light emitting solids: A survey on design strategies. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2017, 33, 109-131.	5.6	112
2042	Facile hydrothermal crystallization of NaLn(WO₄)₂ (Ln=La-Lu, and Y), phase/morphology evolution, and photoluminescence. Science and Technology of Advanced Materials, 2017, 18, 741-754.	2.8	20
2043	Monitoring the mechanism of formation of [Ce(1,10-phenanthroline)₂(NO₃)₃] by in situ luminescence analysis of 5dâ€“4f electronic transitions. RSC Advances, 2017, 7, 52794-52800.	1.7	10
2044	Photopolymerization processes of thick films and in shadow areas: a review for the access to composites. Polymer Chemistry, 2017, 8, 7088-7101.	1.9	145
2045	Construction of new zinc(II) coordination polymers by 1-(triazol-1-yl)-2,4,6-benzenetricarboxylate ligand for sensitizing lanthanide(III) ions and sensing small molecules. Journal of Solid State Chemistry, 2017, 253, 430-437.	1.4	7
2046	Sensitized green emission of terbium with dibenzoylmethane and 1, 10 phenanthroline in polyvinyl alcohol and polyvinyl pyrrolidone blends. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 187, 75-81.	2.0	27
2047	A highly sensitive sensor for ethyl acetate by changing fluorescent colour of lanthanide complex. Luminescence, 2017, 32, 1109-1112.	1.5	6
2048	Theoretical Method for an Accurate Elucidation of Energy Transfer Pathways in Europium(III) Complexes with Dipyridophenazine (dppz) Ligand: One More Step in the Study of the Molecular Antenna Effect. Inorganic Chemistry, 2017, 56, 9200-9208.	1.9	53
2049	Rare earth based nanostructured materials: synthesis, functionalization, properties and bioimaging and biosensing applications. Nanophotonics, 2017, 6, 881-921.	2.9	137
2050	NIR luminescent heterodinuclear [ZnII LnIII] complexes: Synthesis, crystal structures and photophysical properties. Journal of Luminescence, 2017, 192, 156-165.	1.5	17
2051	Luminescence Resonance Energy Transfer in a Multipleâ€Component, Selfâ€Assembled Supramolecular Hydrogel. Angewandte Chemie - International Edition, 2017, 56, 10730-10734.	7.2	69
2052	Nanothermometer based on intensity variation and emission lifetime of europium(III) benzoylacetonate complex. Journal of Luminescence, 2017, 192, 224-230.	1.5	41
2053	Facile synthesis of NIR and Visible luminescent Sm 3+ doped lutetium oxide nanoparticles. Materials Research Bulletin, 2017, 86, 220-227.	2.7	8
2054	Organicâ€“Inorganic Hierarchical Selfâ€Assembly into Robust Luminescent Supramolecular Hydrogel. Advanced Functional Materials, 2017, 27, 1604379.	7.8	125
2055	Programmable Microfluidic Synthesis of Over One Thousand Uniquely Identifiable Spectral Codes. Advanced Optical Materials, 2017, 5, 1600548.	3.6	50

#	Article	IF	Citations
2056	Metalâ€“Organic Frameworks Constructed from a New Thiophene-Functionalized Dicarboxylate: Luminescence Sensing and Pesticide Removal. ACS Applied Materials & Interfaces, 2017, 9, 15164-15175.	4.0	148
2057	Hydrothermal assisted synthesis and photoluminescence of (Y1-Eu)2WO6 red phosphors. Journal of Alloys and Compounds, 2017, 695, 1984-1992.	2.8	28
2058	Evaluation DNA-/BSA-binding properties of a new europium complex containing 2,9-dimethyl-1,10-phenanthroline. Journal of Biomolecular Structure and Dynamics, 2017, 35, 1518-1528.	2.0	8
2059	Lanthanide contraction effect on the crystal structures of 2D lanthanide coordination polymers based on 2-(trifluoromethyl)-1H-imidazole-4,5-dicarboxylic acid. Structural Chemistry, 2017, 28, 577-586.	1.0	9
2060	Organic linkers control the thermosensitivity of the emission intensities from Tb(<scp>iii</scp>) and Eu(<scp>iii</scp>) in a chameleon polymer. Chemical Science, 2017, 8, 423-429.	3.7	60
2061	Study of a waterâ€soluble fluorescent sensor based on the Eu(III) pefloxacin complex. Luminescence, 2017, 32, 382-386.	1.5	8
2062	Structural analysis and emission properties of Ce3+ complexes with N-coordinating tridentate ligands in solution. Journal of Molecular Liquids, 2017, 226, 35-42.	2.3	6
2063	Near-infrared emitting probes for biological imaging: Organic fluorophores, quantum dots, fluorescent proteins, lanthanide(III) complexes and nanomaterials. Journal of Luminescence, 2017, 189, 19-43.	1.5	130
2064	New coordination polymers based on a V-shaped ligand and lanthanides: Structural description and symmetry-luminescence correlation using europium as a probe. Journal of Luminescence, 2017, 182, 29-38.	1.5	6
2065	New neutral and anionic thiocyanate complexes of Y(III) and Eu(III) with 2,2â€²-bipyridine and 1,10-phenanthroline: Synthesis, structures, thermal behavior and photophysical properties. Inorganica Chimica Acta, 2017, 456, 76-85.	1.2	14
2066	Influence of Lewis Bases on the Mesogenic and Luminescent Properties of Homogeneous Films of Europium(III) Tris(Î²â€diketonate) Adducts. European Journal of Inorganic Chemistry, 2017, 2017, 639-645.	1.0	31
2067	Sensitization of NIR Photoluminescence of Lanthanides in [LnCl₃(tppe)₂(thz)₂] by transâ€1â€(2â€pyridyl)â€2â€(pyridyl)ethylene. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1991-1996.	0.6	3
2068	Elaboration of Luminescent and Magnetic Hybrid Networks Based on Lanthanide Ions and Imidazolium Dicarboxylate Salts: Influence of the Synthesis Conditions. Magnetochemistry, 2017, 3, 1.	1.0	15
2069	Slow Magnetic Relaxation in Chiral Helicene-Based Coordination Complex of Dysprosium. Magnetochemistry, 2017, 3, 2.	1.0	19
2070	Lanthanide-Doped Nanoparticles for Diagnostic Sensing. Nanomaterials, 2017, 7, 411.	1.9	39
2071	Luminescent Properties of Oxazine 170 Perchlorate Doped PMMA Fiber. Fibers, 2017, 5, 15.	1.8	11
2072	Magnetic Relaxation of Lanthanide-Based Molecular Magnets. Handbook of Magnetic Materials, 2017, 26, 1-289.	0.6	14
2073	Theoretical Investigation of Oxazine 170 Perchlorate Doped Polymeric Optical Fiber Amplifier. Mathematical Problems in Engineering, 2017, 2017, 1-6.	0.6	2

#	Article	IF	Citations
2074	Intra- and intermolecular-interaction-controlled reversible coreâ€“shell structures and photoluminescent properties of lanthanide ion-doped diblock copolymers. RSC Advances, 2017, 7, 33355-33363.	1.7	4
2075	Photoemissive polymer composite based on new Y(III), Gd(III), and Tb(III) complexes with N-hydroxyphthalimide. Turkish Journal of Chemistry, 2017, 41, 648-657.	0.5	0
2076	Fluorescence-Based Chemosensors for the Detection of Biologically Relevant Phosphates in Water. , 2017, , 113-160.		0
2077	Imaging With Lanthanides. , 2017, , 261-293.		0
2078	DFT study of electron absorption and emission spectra of pyramidal LnPc(OAc) complexes of some lanthanide ions in the solid state. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 202-208.	2.0	8
2079	Efficient removal of La(III) from water by surface metal sequestration methodology using 5-azo-phenolate-8-hydroxyquinoline as a task designed sequestering material. Journal of Industrial and Engineering Chemistry, 2018, 63, 220-229.	2.9	15
2080	Sensitization of near-infrared LnIII [Ln = Yb or Nd] ions using water-soluble, band gap tuneable 3-MPA-capped CdS nanoparticles. Journal of Materials Chemistry C, 2018, 6, 2814-2821.	2.7	6
2081	Novel hybrid materials of lanthanide coordination polymers ion exchanged Mg-Al layered double hydroxide: Multi-color photoluminescence and white color thin film. Dyes and Pigments, 2018, 153, 266-274.	2.0	10
2082	A study on enhancing the quantum yield and antimicrobial activity of Pr(iii) by varying the coordination environment. RSC Advances, 2018, 8, 8412-8425.	1.7	15
2083	Structural diversity and photo-physical and magnetic properties of dimeric to 1D polymeric coordination polymers of lighter lanthanide(<scp>iii</scp>) dinitrobenzoates. Dalton Transactions, 2018, 47, 4722-4732.	1.6	22
2084	Simultaneously Excited Downshifting/Upconversion Luminescence from Lanthanideâ€Doped Core/Shell Fluoride Nanoparticles for Multimode Anticounterfeiting. Advanced Functional Materials, 2018, 28, 1707365.	7.8	121
2085	Using lead chalcogenide nanocrystals as spin mixers: a perspective on near-infrared-to-visible upconversion. Dalton Transactions, 2018, 47, 8509-8516.	1.6	65
2086	Enrichment of molecular antenna triplets amplifies upconverting nanoparticle emission. Nature Photonics, 2018, 12, 402-407.	15.6	200
2087	Advances in luminescent lanthanide complexes and applications. Science China Technological Sciences, 2018, 61, 1265-1285.	2.0	83
2088	Theoretical Determination of Energy Transfer Processes and Influence of Symmetry in Lanthanide(III) Complexes: Methodological Considerations. Inorganic Chemistry, 2018, 57, 5120-5132.	1.9	27
2089	Remarkable high efficiency of red emitters using Eu(<scp>iii</scp>) ternary complexes. Chemical Communications, 2018, 54, 5221-5224.	2.2	36
2090	The role of lanthanides in TiO2-based photocatalysis: A review. Applied Catalysis B: Environmental, 2018, 233, 301-317.	10.8	146
2091	Radiochemical characterization and decontamination of rare-earth-element concentrate recovered from uranium leach liquors. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 203-213.	0.7	6

#	Article	IF	Citations
2092	Solvent dependence of the emission intensities in photoluminescent mononuclear europium(III) complexes with tetradentate Schiff base ligands. Polyhedron, 2018, 148, 118-123.	1.0	3
2093	Probing Optical Anisotropy and Polymorphâ€Dependent Photoluminescence in [Ln₂] Complexes by Hyperspectral Imaging on Single Crystals. Chemistry - A European Journal, 2018, 24, 10146-10155.	1.7	11
2094	Synthesis and Enhanced Photofluorescence of Pyrazolineâ€Ester Copolymers from Bisdiazoacetates and Diacrylates. Macromolecular Chemistry and Physics, 2018, 219, 1800023.	1.1	0
2095	Electronâ€“Phonon Coupling in Luminescent Europium-Doped Hydride Perovskites Studied by Luminescence Spectroscopy, Inelastic Neutron Scattering, and First-Principles Calculations. Journal of Physical Chemistry C, 2018, 122, 10501-10509.	1.5	26
2096	Host sensitized intense infrared emissions from Ln³⁺ doped GdVO₄ nanocrystals: ranging from 950 nm to 2000 nm. Journal of Materials Chemistry C, 2018, 6, 4878-4886.	2.7	20
2097	Binding of Lanthanide Complexes to Histidineâ€Containing Peptides Probed by Raman Optical Activity Spectroscopy. Chemistry - A European Journal, 2018, 24, 8664-8669.	1.7	31
2098	Selfâ€Assembled Bright Luminescent Lanthanideâ€Organic Polyhedra for Ratiometric Temperature Sensing. Chemistry - A European Journal, 2018, 24, 6936-6940.	1.7	42
2099	Rareâ€Earth Germanate Visible, Nearâ€Infrared, and Upâ€Conversion Emitters. European Journal of Inorganic Chemistry, 2018, 2018, 2444-2451.	1.0	3
2100	The effect of ligand symmetry on the ratiometric luminescence characteristics of lanthanides. Dalton Transactions, 2018, 47, 6779-6786.	1.6	7
2101	Exchange interactions and XPS O1s spectra in polynuclear lanthanide complexes with dibenzoylmethanide and 4-hydroxy-2,1,3-benzothiadiazole. Journal of Molecular Structure, 2018, 1166, 190-194.	1.8	14
2102	Vibronic Coupling Analysis of the Ligand-Centered Phosphorescence of Gas-Phase Gd(III) and Lu(III) 9-Oxophenalen-1-one Complexes. Journal of Physical Chemistry A, 2018, 122, 2461-2467.	1.1	5
2103	Color tunable and white light emitting lanthanide metal-organic framework materials. Inorganica Chimica Acta, 2018, 477, 2-7.	1.2	1
2104	Synthesis and photoluminescent properties of the Dy3+ doped YSO as a high-temperature thermographic phosphor. Journal of Luminescence, 2018, 197, 23-30.	1.5	34
2105	Multifunctional Metalâ€“Organic Frameworks Based on Redox-Active Rhenium Octahedral Clusters. Inorganic Chemistry, 2018, 57, 2072-2084.	1.9	53
2106	Syntheses, Structures, and Photoluminescence Properties of a Series of 3D Znâ€Ln Heterometallic Complexes with 2,3â€Pyrazine Dicarboxylic Acid as a Bridging Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 346-352.	0.6	5
2107	DNA Encountering Terbium(III): A Smart â€œChemical Nose/Tongueâ€•for Large-Scale Time-Gated Luminescent and Lifetime-Based Sensing. Analytical Chemistry, 2018, 90, 3443-3451.	3.2	53
2108	Ligand-to-Ligand Interactions That Direct Formation of D₂-Symmetrical Alternating Circular Helicate. Journal of the American Chemical Society, 2018, 140, 3683-3689.	6.6	73
2109	Temperature-induced self-assembly of two kinds Zn(<scp>ii</scp>)-based coordination polymers with luminescence properties for application in sensing and adsorption. New Journal of Chemistry, 2018, 42, 3885-3891.	1.4	18

#	Article	IF	Citations
2110	Luminescent thermometer based on Eu³⁺/Tb³⁺â€organicâ€functionalized mesoporous silica. Luminescence, 2018, 33, 567-573.	1.5	17
2111	Circularly Polarized Luminescence from Inorganic Materials: Encapsulating Guest Lanthanide Oxides in Chiral Silica Hosts. Chemistry - A European Journal, 2018, 24, 6519-6524.	1.7	42
2112	Lanthanide-Directed Assembly of Interfacial Coordination Architecturesâ€"From Complex Networks to Functional Nanosystems. Accounts of Chemical Research, 2018, 51, 365-375.	7.6	54
2113	Optical sensing at the nanobiointerface of metal ionâ€"optically-active nanocrystals. Nanoscale, 2018, 10, 5035-5046.	2.8	30
2114	Antiferromagnetic exchange and long-range magnetic ordering in supramolecular networks constructed of hexacyanido-bridged Ln^{III}(3-pyridone)â€"Cr^{III} (Ln = Gd, Tb) chains. CrystEngComm, 2018, 20, 1271-1281.	1.3	7
2115	Samarium (III) triflate-doped chitosan electrolyte for solid state electrochromic devices. Electrochimica Acta, 2018, 267, 51-62.	2.6	24
2116	Preparation of ultra-small molecule-like Ag nano-clusters in silicate glass based on ion-exchange process: Energy transfer investigation from molecule-like Ag nano-clusters to Eu3+ ions. Chemical Engineering Journal, 2018, 341, 175-186.	6.6	34
2117	Metal Chelate Dendrimers. Springer Series in Materials Science, 2018, , 503-631.	0.4	1
2118	Recent Development of Inorganic Nanoparticles for Biomedical Imaging. ACS Central Science, 2018, 4, 324-336.	5.3	196
2119	Understanding and Controlling the Emission Brightness and Color of Molecular Cerium Luminophores. Journal of the American Chemical Society, 2018, 140, 4588-4595.	6.6	60
2120	Probing local structure of the morphotropic phase boundary composition of Na0.5Bi0.5TiO3â€"BaTiO3 using rare-earth photoluminescence as a technique. Acta Materialia, 2018, 145, 429-436.	3.8	27
2121	Effect of the thermal treatment on the luminescence properties and dispersibility of LaF3: Nd nanoparticles in solvents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 423-428.	2.3	6
2122	Anion dependent self-assembly of drum-like 30- and 32-metal Cdâ€"Ln nanoclusters: visible and NIR luminescent sensing of metal cations. Journal of Materials Chemistry C, 2018, 6, 865-874.	2.7	61
2123	Photoinduced dynamics to photoluminescence in Ln³⁺ (Ln = Ce, Pr) doped Î²-NaYF₄ nanocrystals computed in basis of non-collinear spin DFT with spin-orbit coupling. Molecular Physics, 2018, 116, 697-707.	0.8	8
2124	Luminescence Investigation of Samarium(III)/Dicyanoaurate(I)-based Coordination Networks with and without Aurophilic Interactions. Gold Bulletin, 2018, 51, 1-10.	1.1	6
2125	Tunable ligand emission of napthylsalophen triple-decker dinuclear lanthanide(iii) sandwich complexes. Dalton Transactions, 2018, 47, 1337-1346.	1.6	11
2126	Sensitized near infrared emission through supramolecular d â†' f energy transfer within an ionic Ru(<scp>ii</scp>)â€"Er(<scp>iii</scp>) pair. Dalton Transactions, 2018, 47, 2073-2078.	1.6	4
2127	Tunable and white luminescence from mixed lanthanide with aza-macrocycles through multistimuli responses. Polyhedron, 2018, 144, 95-100.	1.0	3

#	Article	IF	Citations
2128	Long-Term Organism Distribution of Microwave Hydrothermally Synthesized ZrO2:Pr Nanoparticles. Neuromethods, 2018, , 251-267.	0.2	0
2129	Use of Nanoparticles in Neuroscience. Neuromethods, 2018, , .	0.2	1
2130	Auto-phase-locked time-gated luminescence detection for background-free upconversion spectra measurement and true-color biological imaging. Sensors and Actuators B: Chemical, 2018, 260, 289-294.	4.0	23
2131	Near-infrared emissive lanthanide hybridized nanofibrillated cellulose nanopaper as ultraviolet filter. Carbohydrate Polymers, 2018, 186, 176-183.	5.1	17
2132	Cool white light emission from the yellow and blue emission bands of the Dy(III) complex under UV-excitation. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 502-511.	2.0	22
2133	Rare earth niobate coordination polymers. Journal of Solid State Chemistry, 2018, 259, 48-56.	1.4	15
2134	Tunable Emission and Selective Luminescence Sensing in a Series of Lanthanide Metalâ€“Organic Frameworks with Uncoordinated Lewis Basic Triazolyl Sites. Crystal Growth and Design, 2018, 18, 2031-2039.	1.4	57
2135	Heteronuclear {Tb_xEu_{1â˜’x}} furoate 1D polymers presenting luminescent properties and SMM behavior. Journal of Materials Chemistry C, 2018, 6, 5286-5299.	2.7	19
2136	Eu³⁺/Tb³⁺ and Dy³⁺ POM@MOFs and 2D coordination polymers based on pyridine-2,6-dicarboxylic acid for ratiometric optical temperature sensing. Journal of Materials Chemistry C, 2018, 6, 5916-5925.	2.7	78
2138	Color-tunable and white-light emitting thin ï¬lms based on pure inorganic polyoxometalates Na9EumTbnCe1-m-nW10O36. Journal of Alloys and Compounds, 2018, 749, 229-235.	2.8	6
2139	Structure and photoluminescence properties study of neodymium complexes containing fluorine ligands. Journal of Fluorine Chemistry, 2018, 212, 161-165.	0.9	5
2140	Energy transfer and photoluminescence properties of lanthanide-containing polyoxotitanate cages coordinated by salicylate ligands. Dalton Transactions, 2018, 47, 5679-5686.	1.6	22
2141	Self-assembly of luminescent Znâ€“Ln (Ln = Sm and Nd) nanoclusters with a long-chain Schiff base ligand. New Journal of Chemistry, 2018, 42, 7241-7246.	1.4	9
2142	Synthesis of luminescent lanthanide complexes within crosslinked protein crystal matrices. CrystEngComm, 2018, 20, 2267-2277.	1.3	7
2143	Tailoring the emission of Eu based hybrid materials for light-emitting diodes application. Journal of Luminescence, 2018, 200, 274-279.	1.5	6
2144	Recent advances in luminescent lanthanide based Single-Molecule Magnets. Coordination Chemistry Reviews, 2018, 363, 57-70.	9.5	226
2145	Regulating structural dimensionality and emission colors by organic conjugation between Sm^{III} at a fixed distance. Dalton Transactions, 2018, 47, 6908-6916.	1.6	5
2146	Tailoring the Synthesis of LnF₃ (Ln = Laâ€“Lu and Y) Nanocrystals via Mechanistic Study of the Coprecipitation Method. Langmuir, 2018, 34, 6443-6453.	1.6	5

#	Article	IF	Citations
2147	Synthesis and photoluminescence properties of [Eu(dbm)3Â·PX] and [Eu(acac)3Â·PX] complexes. Journal of Luminescence, 2018, 193, 98-105.	1.5	15
2148	Cyclometalated iridium(III) complexes for life science. Coordination Chemistry Reviews, 2018, 363, 71-91.	9.5	181
2149	Interfacial Phenomenon and Nanostructural Enhancements in Palladium Loaded Lanthanum Hydroxide Nanorods for Heterogeneous Catalytic Applications. Scientific Reports, 2018, 8, 4354.	1.6	60
2150	Efficient near-infrared (NIR) luminescent [Zn(L1)(4-vinyl-Py)Yb(L2)3] complex monomer covalently-bonded into PMMA. Inorganic Chemistry Communication, 2018, 91, 63-66.	1.8	7
2151	Influence of rhodamine B on interaction behaviour of lanthanide nitrates with 1st tier dendrimer in aqueous DMSO: A physicochemical, critical aggregation concentration and antioxidant activity study. Journal of Molecular Liquids, 2018, 260, 323-341.	2.3	8
2152	A Luminescent pHâ€Responsive Ternary Europium(III) Complex of Î²â€Diketonates and Terpyridine Derivatives as Sensitizing Antennae â€“ Photophysical Aspects, Anion Sensing, and Biological Interactions. European Journal of Inorganic Chemistry, 2018, 2018, 1882-1890.	1.0	23
2153	Chiral Binaphthylbis(4,4â€²â€Bipyridinâ€1â€ium)/Cucurbit[8]Uril Supramolecular System and Its Induced Circularly Polarized Luminescence. Macromolecular Rapid Communications, 2018, 39, e1700869.	2.0	9
2154	Development of Latent Fingermarks on Nonporous and Semiporous Substrates Using Photoluminescent Eu(Phen)₂ Complex Intercalated Clay Hybrids with Enhanced Adhesion. Journal of Forensic Sciences, 2018, 63, 1718-1726.	0.9	8
2155	Effect of Aliphatic Chain Length in the Ligand on Photophysical Properties and Thin Films Morphology of the Europium Complexes. Russian Journal of Inorganic Chemistry, 2018, 63, 219-228.	0.3	14
2156	Long lasting phosphors: SrAl2O4:Eu, Dy as the most studied material. Renewable and Sustainable Energy Reviews, 2018, 81, 2759-2770.	8.2	181
2157	Intramolecular deactivation processes of electronically excited Lanthanide(III) complexes with organic acids of low molecular weight. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 36-49.	2.0	7
2158	Colloidal GdVO 4 :Eu 3+ @SiO 2 nanocrystals for highly selective and sensitive detection of Cu 2+ ions. Applied Surface Science, 2018, 433, 381-387.	3.1	21
2159	Characterization and modelling optimization on methanation activity using Box-Behnken design through cerium doped catalysts. Journal of Cleaner Production, 2018, 170, 278-287.	4.6	16
2160	Rare earth ions doped K2Ta2O6 photocatalysts with enhanced UVâ€“vis light activity. Applied Catalysis B: Environmental, 2018, 224, 451-468.	10.8	46
2161	Investigation on optical band gap, photoluminescence properties and concentration quenching mechanism of Pb1âˆ’x Tb3+ xWO4 green-emitting phosphors. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 539-546.	2.0	16
2162	Fabrication of luminescent TiO2:Eu3+ and ZrO2:Tb3+ encapsulated PLGA microparticles for bioimaging application with enhanced biocompatibility. Materials Science and Engineering C, 2018, 92, 1117-1123.	3.8	15
2163	Evaluation of circularly polarized luminescence in a chiral lanthanide ensemble. Molecular Systems Design and Engineering, 2018, 3, 66-72.	1.7	32
2164	SmVO 4 nanocrystals with dodecahedral shape: Controlled synthesis, growth mechanism and photoluminescent properties. Materials Research Bulletin, 2018, 97, 81-88.	2.7	14

#	Article	IF	Citations
2165	Fluorescence and magnetism of two novel isostructural Dy(III) and Tb(III) complexes based on 5-azotriazolyl salicylic acid ligand. Inorganica Chimica Acta, 2018, 469, 38-43.	1.2	10
2166	Luminescence and Singleâ€Moleculeâ€Magnet Behaviour in Lanthanide Coordination Complexes Involving Benzothiazoleâ€Based Tetrathiafulvalene Ligands. European Journal of Inorganic Chemistry, 2018, 2018, 458-468.	1.0	13
2167	Computational study on the luminescence quantum yields of terbium complexes with 2,2â€²-bipyridine derivative ligands. Physical Chemistry Chemical Physics, 2018, 20, 3328-3333.	1.3	19
2168	A phosphorescent fluoride probe based on Eu(Ä±Ä±Ä±)-DO3A clicked with a 2,5-di(thien-2-yl)pyrrole scaffold. New Journal of Chemistry, 2018, 42, 450-457.	1.4	10
2169	Influence of fluorinated chain length on luminescent properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0094.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Eu</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0095.gif" overflow="scroll"><mml:mi>Î²</mml:mi></mml:math>-diketonate complexes. Journal of Luminescence, 2018, 196, 161-168.	1.5	63
2170	Recent Advances in the Development of Chromophore-Based Chemosensors for Nerve Agents and Phosgene. ACS Sensors, 2018, 3, 27-43.	4.0	193
2171	Sulfoxideâ€Induced Homochiral Folding of orthoâ€Phenylene Ethynylenes (oâ€OPEs) by Silver(I) Templating: Structure and Chiroptical Properties. Chemistry - A European Journal, 2018, 24, 2653-2662.	1.7	38
2172	A Series of New Eu/Tb Mixed MOFs with Tunable Color Luminescence. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 43-49.	0.6	7
2173	A new heptadentate picolinate-based ligand and its corresponding Gd(iii) complex: the effect of pendant picolinate versus acetate on complex properties. Dalton Transactions, 2018, 47, 135-142.	1.6	11
2174	Ratiometric detection of hydroxy radicals based on functionalized europium(III) coordination polymers. Mikrochimica Acta, 2018, 185, 9.	2.5	15
2175	Lanthanide complexes for luminescence-based sensing of low molecular weight analytes. Coordination Chemistry Reviews, 2018, 375, 191-220.	9.5	152
2176	Ultrasensitive optical imaging with lanthanide lumiphores. Nature Chemical Biology, 2018, 14, 15-21.	3.9	61
2177	Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrasulfonate based MOF. New Journal of Chemistry, 2018, 42, 832-837.	1.4	7
2178	Achieving white light emission and increased magnetic anisotropy by transition metal substitution in functional materials based on dinuclear Dy^{III}(4-pyridone)[M^{III}(CN)₆]^{3â^'} (M = Co, Rh) molecules. Journal of Materials Chemistry C, 2018, 6, 473-481.	2.7	44
2179	Construction of luminescent high-nuclearity Znâ€“Ln rectangular nanoclusters with flexible long-chain Schiff base ligands. Dalton Transactions, 2018, 47, 53-57.	1.6	21
2180	The construction of color-tunable lanthanide coordination polymer mediated by C 3-symmetrical organic ligand. Colloid and Polymer Science, 2018, 296, 53-58.	1.0	3
2181	Eu³⁺â€labeled IgGâ€based timeâ€resolved fluoroimmunoassay for highly sensitive detection of aflatoxin B₁ in feed. Journal of the Science of Food and Agriculture, 2018, 98, 674-680.	1.7	16
2182	Controlled polarized luminescence of smectic lanthanide complexes. Dyes and Pigments, 2018, 148, 492-500.	2.0	22

#	Article	IF	Citations
2183	Green anhydrous synthesis of hydrophilic carbon dots on large-scale and their application for broad fluorescent pH sensing. Sensors and Actuators B: Chemical, 2018, 255, 572-579.	4.0	62
2184	Synthesis and Characterization of PVP/Tb_{4/3}Lâ€¢7H₂O Luminescent Complex. IOP Conference Series: Earth and Environmental Science, 2018, 170, 032043.	0.2	7
2185	An energy self-compensating phosphosilicate material applied to temperature sensors. RSC Advances, 2018, 8, 38538-38549.	1.7	3
2186	Luminescent materials of lanthanoid complexes hosted in zeolites. Chemical Communications, 2018, 54, 13884-13893.	2.2	46
2187	A highly sensitive luminescent ratiometric thermometer based on europium(<scp>iii</scp>) and terbium(<scp>iii</scp>) benzoylacetonate complexes chemically bonded to ethyldiphenylphosphine oxide functionalized polydimethylsiloxane. New Journal of Chemistry, 2018, 42, 18541-18549.	1.4	31
2188	The lanthanide complexes of 2,2â€²-bipyridyl-6,6â€²-dicarboxylic dimethylanilides: the influence of a secondary coordination sphere on the stability, structure, luminescence and f-element extraction. Dalton Transactions, 2018, 47, 16755-16765.	1.6	24
2189	Two water-stable lanthanide metalâ€“organic frameworks with oxygen-rich channels for fluorescence sensing of Fe(<scp>iii</scp>) ions in aqueous solution. Dalton Transactions, 2018, 47, 16190-16196.	1.6	101
2190	Kerr Effect and Dielectric Anisotropy in Series of Rare-Earth LC Complexes with Systematically Changing Counterions Structure. Proceedings (mdpi), 2018, 2, 1123.	0.2	0
2191	MicroRNAâ€˜143â€˜3p suppresses cell growth and invasion in laryngeal squamous cell carcinoma via targeting the kâ€˜Ras/Raf/MEK/ERK signaling pathway. International Journal of Oncology, 2018, 54, 689-701.	1.4	12
2192	Synergistic Effect between Different Coordination Geometries of Lanthanides and Various Coordination Modes of 2-Picolinic Acid Ligands Tuning Three Types of Rare 3dâ€“4f Heterometallic Tungstoantimonates. Inorganic Chemistry, 2018, 57, 15079-15092.	1.9	50
2193	Estimating the Individual Spectroscopic Properties of Three Unique Eu^{III} Sites in a Coordination Polymer. Inorganic Chemistry, 2018, 57, 15421-15429.	1.9	5
2194	First Deployment of a Novel Advanced Tracers System for Improved Waterflood Recovery Optimization. , 2018, , .		16
2195	White-Light Emitting Di-Ureasil Hybrids. Materials, 2018, 11, 2246.	1.3	6
2196	Luminescent Electrochromic Devices for Smart Windows of Energy-Efficient Buildings. Energies, 2018, 11, 3513.	1.6	16
2197	Field Induced Slow Magnetic Relaxation in a Non Kramers Tb(III) Based Single Chain Magnet. Magnetochemistry, 2018, 4, 59.	1.0	9
2198	Redox-Responsive Protein Design: Design of a Small Protein Motif Dependent on Glutathionylation. Biochemistry, 2018, 57, 6956-6963.	1.2	6
2199	Cell-Penetrating Peptides Transport Noncovalently Linked Thermally Activated Delayed Fluorescence Nanoparticles for Time-Resolved Luminescence Imaging. Journal of the American Chemical Society, 2018, 140, 17484-17491.	6.6	132
2200	Temperature and Vibration Dependence of the Faraday Effect of Gd2O3 NPs-Doped Alumino-Silicate Glass Optical Fiber. Sensors, 2018, 18, 988.	2.1	14

#	Article	IF	Citations
2201	Designing Dimeric Lanthanide(III)-Containing Ionic liquids. Angewandte Chemie, 2018, , .	1.6	0
2202	Designing Dimeric Lanthanide(III)â€Containing Ionic liquids. Angewandte Chemie - International Edition, 2023, 62, .	7.2	4
2203	Fluorescence of thulium-doped translucent zirconia. Dental Materials Journal, 2018, 37, 1010-1016.	0.8	9
2204	Design and intelligent colour regulation of luminescent silk chemically bonded with Eu(III) and Eu(III)/Tb(III). Coloration Technology, 2018, 134, 373-380.	0.7	2
2205	A Brief Overview of TiO₂ Photocatalyst for Organic Dye Remediation: Case Study of Reaction Mechanisms Involved in Ce-TiO₂ Photocatalysts System. Journal of Nanomaterials, 2018, 2018, 1-13.	1.5	119
2206	Mononuclear Lanthanide(III)-Salicylideneaniline Complexes: Synthetic, Structural, Spectroscopic, and Magnetic Studies. Magnetochemistry, 2018, 4, 45.	1.0	12
2207	Synthesis, characterization and upconversion luminescence of core-shell nanocomposites NaYF4: Er/Yb@SiO2@Ag/Au. Vacuum, 2018, 157, 492-496.	1.6	14
2208	Enantioselective [2+2] Photocycloaddition Reactions of Enones and Olefins with Visible Light Mediated by N,Nâ€²â€Dioxideâ€“Metal Complexes. Chemistry - A European Journal, 2018, 24, 19361-19367.	1.7	38
2209	Double Perovskite K3 InF6 as an Upconversion Phosphor and Its Structural Transformation Through Rubidium Substitution. European Journal of Inorganic Chemistry, 2018, 2018, 4826-4833.	1.0	7
2210	Rare Earth Luminescence: Electronic Spectroscopy and Applications. , 2018, , 345-404.		8
2211	Heteroleptic Î²-diketonate Ln(<scp>iii</scp>) complexes decorated with pyridyl substituted pyridazine ligands: synthesis, structure and luminescence properties. Inorganic Chemistry Frontiers, 2018, 5, 3015-3027.	3.0	25
2212	Photodynamics and Luminescence of Monoâ€and Triâ€Nuclear Lanthanide Complexes in the Gas Phase and in Solution. ChemPhysChem, 2018, 19, 3050-3060.	1.0	4
2213	Novel Synthesis of Down-/Up-Conversion Fluorescent Oligo(2-pyrazoline)s. Industrial & Engineering Chemistry Research, 2018, 57, 12987-12992.	1.8	3
2214	Luminescent and Transparent Nanocellulose Films Containing Europium Carboxylate Groups as Flexible Dielectric Materials. ACS Applied Nano Materials, 2018, 1, 4972-4979.	2.4	33
2215	Applications and Prospects for Tripletâ€“Triplet Annihilation Photon Upconversion. Chimia, 2018, 72, 501.	0.3	20
2216	Properties Design: Prediction and Experimental Validation of the Luminescence Properties of a New Eu^{II}â€Based Phosphor. Chemistry - A European Journal, 2018, 24, 16276-16281.	1.7	11
2217	Construction of NIR luminescent polynuclear lanthanide-based nanoclusters with sensing properties towards metal ions. Dalton Transactions, 2018, 47, 13880-13886.	1.6	14
2218	Luminescent Polynuclear Zn- and Cd-Ln Square-Like Nanoclusters With a Flexible Long-Chain Schiff Base Ligand. Frontiers in Chemistry, 2018, 6, 321.	1.8	2

#	Article	IF	Citations
2219	Photochromic and photomodulated luminescence properties of two metalâ€“viologen complexes constructed by a tetracarboxylate-anchored bipyridinium-based ligand. CrystEngComm, 2018, 20, 6412-6419.	1.3	32
2220	Structural and spectroscopic investigations of redox active seven coordinate luminescent lanthanide complexes. Inorganica Chimica Acta, 2018, 483, 609-617.	1.2	14
2221	Significant Enhancement of Absorption and Luminescence Dissymmetry Factors in the Far-Red Region: A Zinc(II) Homoleptic Helicate Formed by a Pair of Achiral Dipyrromethene Ligands. Chemistry - A European Journal, 2018, 24, 16889-16894.	1.7	40
2222	Probable ideal size of Ln3+-based upconversion nanoparticles for single and multimodal imaging. Coordination Chemistry Reviews, 2018, 376, 393-404.	9.5	19
2223	Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. Dalton Transactions, 2018, 47, 12783-12794.	1.6	19
2224	Yb³⁺ and Yb³⁺/Er³⁺ doping for near-infrared emission and improved stability of CsPbCl₃ nanocrystals. Journal of Materials Chemistry C, 2018, 6, 10101-10105.	2.7	100
2225	Phenanthrolineâ€”A Versatile Ligand for Advanced Functional Polymeric Materials. Chemistry - A European Journal, 2018, 24, 17475-17486.	1.7	16
2226	Luminescentâ€“Magnetic Cellulose Fibers, Modified with Lanthanide-Doped Core/Shell Nanostructures. ACS Omega, 2018, 3, 10383-10390.	1.6	25
2227	Bismuth(<scp>iii</scp>)-thiophenedicarboxylates as host frameworks for lanthanide ions: synthesis, structural characterization, and photoluminescent behavior. Dalton Transactions, 2018, 47, 13419-13433.	1.6	13
2228	5. Energy Transfer in Liquid and Solid Nanoobjects: Application in Luminescent Analysis. , 2018, , 131-162.		0
2229	Development and characterisation of polymeric microparticle of poly(<scp>d,l</scp>-lactic acid) loaded with holmium acetylacetonate. Journal of Microencapsulation, 2018, 35, 281-291.	1.2	3
2230	Novel pyrazolone derivatives and corresponding europium(III) complexes: Synthesis and properties research. Dyes and Pigments, 2018, 158, 28-35.	2.0	10
2231	Near-Infrared Photoluminescence and Reversible Trans-to-Cis Photoisomerization of Mononuclear and Binuclear Ytterbium(III) Complexes Functionalized by Azobenzene Groups. ACS Omega, 2018, 3, 5480-5490.	1.6	8
2232	Composed in the f-block: solution structure and function of kinetically inert lanthanide(<scp>iii</scp>) complexes. Dalton Transactions, 2018, 47, 10360-10376.	1.6	51
2233	Luminescent europium(<scp>iii</scp>) complexes containing an electron rich 1,2,3-triazolyl-pyridyl ligand. New Journal of Chemistry, 2018, 42, 11064-11072.	1.4	3
2234	Organic Soluble LaPO₄:Eu³⁺ Nanorods: Sensitization of Surface Eu³⁺ Ions and Phase Transfer in Water. ChemistrySelect, 2018, 3, 4930-4938.	0.7	7
2235	Synthesis and photoluminescence study of two new complexes [Sm(hfaa)3(impy)2] and [Eu(hfaa)3(impy)2] and their PMMA based hybrid films. Journal of Luminescence, 2018, 202, 438-449.	1.5	55
2236	Lanthanide complexes-functionalized ordered mesoporous TiO2: Multicolor emission (visible and) Tj ETQq1 1 0.784314 rgBT /Overloc 939-945.	2.5	8

#	Article	IF	Citations
2237	Magnetic Properties of Ln^{III}â€“Cu^{II} 15â€Metallacrownâ€5 Dimers with Terephthalate (Ln^{III} = Pr, Nd, Sm, Eu). European Journal of Inorganic Chemistry, 2018, 2018, 3504-3511.	1.0	13
2238	Carboxyl-functionalized ionic liquids: synthesis, characterization and synergy with rare-earth ions. Journal of Materials Chemistry C, 2018, 6, 6270-6279.	2.7	10
2239	Synthesis and Luminescence Properties of a Novel Eu 3+ â€Containing Polysiloxane Copolymer. ChemistrySelect, 2018, 3, 5749-5755.	0.7	1
2240	Synthesis, structure and luminescence of {Zn2Ln(OH)} (Lnâ€¯=â€¯Eu, Gd, Tb) complexes with a triangular metal core. Inorganica Chimica Acta, 2018, 482, 85-89.	1.2	16
2241	Hybrid organicâ€“inorganic connectivity of Nd^{III}(pyrazine-N,Nâ€²-dioxide)[Co^{III}(CN)₆]^{3â^’} coordination chains for creating near-infrared emissive Nd(<scp>iii</scp>) showing field-induced slow magnetic relaxation. Dalton Transactions, 2018, 47, 7870-7874.	1.6	22
2242	Intramolecular Charge Transfer and Local Excitation in Organic Fluorescent Photoredox Catalysts Explained by RASCI-PDFT. Journal of Physical Chemistry C, 2018, 122, 12061-12070.	1.5	16
2243	Slow magnetic relaxation and luminescence properties in lanthanide(<scp>iii</scp>)/anil complexes. Dalton Transactions, 2018, 47, 11859-11872.	1.6	15
2244	Effect of doping ion concentration on the photoluminescence behavior of CdWO4:Tb3+ phosphor synthesized via co-precipitation method. Indian Journal of Physics, 2018, 92, 1461-1466.	0.9	10
2245	Organic emitter integrating aggregation-induced delayed fluorescence and room-temperature phosphorescence characteristics, and its application in time-resolved luminescence imaging. Chemical Science, 2018, 9, 6150-6155.	3.7	111
2246	Lanthanide materials as chemosensors. , 2018, , 411-454.		5
2247	Nearâ€Infrared Ratiometric Luminescent Thermometer Based on a New Lanthanide Silicate. Chemistry - A European Journal, 2018, 24, 11926-11935.	1.7	32
2248	Dopantâ€Free Hydrogels with Intrinsic Photoluminescence and Biodegradable Properties. Advanced Functional Materials, 2018, 28, 1802607.	7.8	29
2249	Lanthanideâ€Coordinated Black Phosphorus. Small, 2018, 14, e1801405.	5.2	65
2250	Host-sensitized sharp samarium emission from doped titanium dioxide nanoparticles as non-cytotoxic photostable reporters for live-cell imaging. New Journal of Chemistry, 2018, 42, 14832-14842.	1.4	9
2251	Auto-phase-locked measurement of time-gated luminescence spectra with a microsecond delay. Optics Letters, 2018, 43, 2575.	1.7	6
2252	Aggregationâ€Induced Emission of Eu^{III} Complexes Balanced with Bulky and Amphiphilic Imidazolium Cations in Ethanol/Water Binary Mixtures. Chemistry - A European Journal, 2018, 24, 15912-15920.	1.7	21
2253	Self-assembly of luminescent 12-metal Znâ€“Ln planar nanoclusters with sensing properties towards nitro explosives. Journal of Materials Chemistry C, 2018, 6, 8513-8521.	2.7	56
2254	Critical Effect of the Length of Counterions in Mesogenic Lanthanide Complexes on the Electro-Optical Properties of Their Melts. JETP Letters, 2018, 107, 431-434.	0.4	1

#	Article	IF	Citations
2255	Monitoring Ultraviolet Radiation Dosage Based on a Luminescent Lanthanide Metalâ€“Organic Framework. Inorganic Chemistry, 2018, 57, 8714-8717.	1.9	19
2256	Enhancements of luminescent properties of CaZrO3:Eu3+ by A+ (Aâ€¯=â€¯Li, Na, K). Chemical Physics, 2018, 513, 94-98.	0.9	8
2257	An ¹⁷O NMR study of diamagnetic and paramagnetic lanthanideâ€tris(oxydiacetate) complexes in aqueous solution. Magnetic Resonance in Chemistry, 2018, 56, 1168-1175.	1.1	3
2258	Near-infrared luminescent materials: From Î²-diketonate ytterbium complexes to Î²-diketonate-ytterbium-complex@PMMA thin film. Journal of Luminescence, 2018, 203, 473-480.	1.5	11
2259	Luminescence and electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0034.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</m complex with pyrazole-substituted 1,3-diketone and 1,10-phenanthroline. Journal of Luminescence, 2018, 203, 546-553.	1.5	29
2260	Luminescent silicone materials containing Eu3+-complexes for photonic applications. Journal of Materials Chemistry C, 2018, 6, 8258-8265.	2.7	23
2261	Field-Induced Dysprosium Single-Molecule Magnet Involving a Fused o-Semiquinone-Extended-Tetrathiafulvalene-o-Semiquinone Bridging Triad. Inorganics, 2018, 6, 45.	1.2	7
2262	Homoleptic Lanthanide Complexes Containing a Redox-Active Ligand and the Investigation of Their Electronic and Photophysical Properties. Inorganics, 2018, 6, 56.	1.2	1
2263	Luminescent Lanthanide MOFs: A Unique Platform for Chemical Sensing. Materials, 2018, 11, 572.	1.3	145
2264	Highly Efficient Luminescent Polycarboxylate Lanthanide Complexes Incorporated into Di-Ureasils by an In-Situ Solâ€”Gel Process. Polymers, 2018, 10, 434.	2.0	8
2265	A Bishydrated, Eightâ€“Coordinate Gd(III) Complex with Very Fast Water Exchange: Synthesis, Characterization, and Phantom MR Imaging. ChemistrySelect, 2018, 3, 7668-7673.	0.7	5
2266	Harnessing volatile luminescent lanthanide complexes to visualise latent fingermarks on nonporous surfaces. Analyst, The, 2018, 143, 3789-3792.	1.7	16
2267	Solid-state sensors based on Eu³⁺-containing supramolecular polymers with luminescence colour switching capability. Dalton Transactions, 2018, 47, 14184-14188.	1.6	12
2268	The Effect of Graphene Oxide Concentration on Luminescence Properity of Tb3+-Complexes. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 2596-2602.	1.9	7
2269	Porous boron nitride/rare earth complex hybrids with multicolor tunable photoluminescence. Journal of Alloys and Compounds, 2018, 768, 15-21.	2.8	8
2270	Energy transfer between Eu³⁺ and Nd³⁺ in near-infrared emitting Î²-triketonate coordination polymers. Dalton Transactions, 2018, 47, 12345-12352.	1.6	20
2271	Luminescent Lanthanide Coordination Zippers with Dense-Packed Structures for High Energy Transfer Efficiencies. Springer Theses, 2018, , 15-33.	0.0	0
2272	Validation of Inner, Second, and Outer Sphere Contributions to T₁ and T₂ Relaxation in Gd³⁺-Based Nanoparticles Using Eu³⁺ Lifetime Decay as a Probe. Journal of Physical Chemistry C, 2018, 122, 11557-11569.	1.5	19

#	Article	IF	Citations
2273	Intense near-infrared-II luminescence from NaCeF₄:Er/Yb nanoprobes for in vitro bioassay and in vivo bioimaging. Chemical Science, 2018, 9, 4682-4688.	3.7	145
2274	Insight into crystal structure and Eu/Tb doped luminescence property of a new phosphate. Journal of Alloys and Compounds, 2018, 762, 444-455.	2.8	26
2275	Ab initio calculation of energy levels of trivalent lanthanide ions. Physical Chemistry Chemical Physics, 2018, 20, 14564-14577.	1.3	31
2276	Yb(III)-based MOFs with different bulky backbone ligands for optical detection and degradation of organic molecules in wastewater. Polyhedron, 2018, 154, 411-419.	1.0	7
2277	Multi-modal tracking dopamine using a hybrid inorganic-organic silver nanoparticle and its cellular imaging performance. Journal of Luminescence, 2018, 204, 394-400.	1.5	5
2278	Rare-earth-doped fluoride nanoparticles with engineered long luminescence lifetime for time-gated in vivo optical imaging in the second biological window. Nanoscale, 2018, 10, 17771-17780.	2.8	87
2279	Effect of Î³â€irradiation on optical properties of Eu 2 O 3 â€doped polystyrene polymer films. Luminescence, 2018, 33, 1243-1248.	1.5	6
2280	Near-infrared-triggered photon upconversion tuning in all-inorganic cesium lead halide perovskite quantum dots. Nature Communications, 2018, 9, 3462.	5.8	222
2281	The several facets of Trichogin GA IV: High affinity Tb(III) binding properties. A spectroscopic and molecular dynamics simulation study. Peptide Science, 2018, 110, e24081.	1.0	5
2282	A water-stable lanthanide coordination polymer as a multiresponsive luminescent sensor for Fe³⁺, Cr(<scp>vi</scp>) and 4-nitrophenol. Dalton Transactions, 2018, 47, 13543-13549.	1.6	55
2283	Hostâ€“guest luminescent materials based on highly emissive species loaded into versatile solâ€“gel hosts. Dalton Transactions, 2018, 47, 12813-12826.	1.6	10
2284	Experimental and theoretical study of the energetic, morphological, and photoluminescence properties of CaZrO₃:Eu³⁺. CrystEngComm, 2018, 20, 5519-5530.	1.3	22
2285	A DFT-based theoretical model for the calculation of spectral profiles of lanthanide M4,5-edge x-ray absorption. Journal of Chemical Physics, 2018, 149, 054104.	1.2	14
2286	Nine isomorphous lanthanideâ€“uranyl fâ€“f bimetallic materials with 2-thiophenecarboxylic acid and terpyridine: structure and concomitant luminescent properties. CrystEngComm, 2018, 20, 4997-5011.	1.3	15
2287	Single-Phase White-Light-Emitting and Photoluminescent Color-Tuning Coordination Assemblies. Chemical Reviews, 2018, 118, 8889-8935.	23.0	444
2288	Selective synthesis, polymorphism, reversible phase transition and structure-dependent optical functionalities of gadolinium oxyfluorides. Journal of Materials Chemistry C, 2018, 6, 11007-11014.	2.7	10
2289	Lanthanide(<scp>iii</scp>) coordination polymers for luminescence detection of Fe(<scp>iii</scp>) and picric acid. New Journal of Chemistry, 2018, 42, 15306-15310.	1.4	12
2290	Synthesis, Photoluminescence Behavior of Green Light Emitting Tb(III) Complexes and Mechanistic Investigation of Energy Transfer Process. Journal of Fluorescence, 2018, 28, 775-784.	1.3	15

#	Article	IF	Citations
2291	Mesoporous SiO2 Nanoparticles: A Unique Platform Enabling Sensitive Detection of Rare Earth Ions with Smartphone Camera. Nano-Micro Letters, 2018, 10, 55.	14.4	9
2292	Homochiral Erbium Coordination Polymers: Salt-Assisted Conversion from Triple to Quadruple Helices. Crystal Growth and Design, 2018, 18, 4045-4053.	1.4	13
2293	Triboluminescence of Lanthanide Coordination Polymers. Springer Theses, 2018, , 81-100.	0.0	0
2295	Hierarchical Self-Assembly and Chiroptical Studies of Luminescent 4dâ€“4f Cages. Inorganic Chemistry, 2018, 57, 7982-7992.	1.9	37
2296	Circularly Polarised Luminescence in Enantiopure Samarium and Europium Cryptates. Chemistry - A European Journal, 2018, 24, 13556-13564.	1.7	31
2297	Continuous-wave upconverting nanoparticle microlasers. Nature Nanotechnology, 2018, 13, 572-577.	15.6	188
2299	Wideâ€Range Columnar and Lamellar Photoluminescent Liquidâ€Crystalline Lanthanide Complexes with Mesogenic 4â€Pyridone Derivatives. Chemistry - A European Journal, 2018, 24, 13512-13522.	1.7	9
2300	Enhanced luminescence by tunable coupling of Eu3+ and Tb3+ in ZnAl2O4:Eu3+:Tb3+ phosphor synthesized by solution combustion method. Journal of the Australian Ceramic Society, 2019, 55, 179-185.	1.1	8
2301	Mn2+-activated calcium fluoride nanoprobes for time-resolved photoluminescence biosensing. Science China Materials, 2019, 62, 130-137.	3.5	20
2302	Spectroscopic investigation of Tb(tmhd)3 - Eu(tmhd)3 co-doped poly(methyl methacrylate) fibre. Optical Materials, 2019, 87, 112-116.	1.7	9
2303	Hybrid luminescent alginate hydrogels containing lanthanide with potential for acetone sensing. New Journal of Chemistry, 2019, 43, 13205-13211.	1.4	6
2304	The use of luminescent spectroscopy to obtain information about the composition and the structure of lanthanide coordination compounds. Coordination Chemistry Reviews, 2019, 398, 113006.	9.5	32
2305	Lanthanide grafted phenanthroline-polymer for physiological temperature range sensing. Journal of Materials Chemistry C, 2019, 7, 10972-10980.	2.7	18
2306	The Marriage of Protein and Lanthanide: Unveiling a Time-Resolved Fluorescence Sensor Array Regulated by pH toward High-Throughput Assay of Metal Ions in Biofluids. Analytical Chemistry, 2019, 91, 11170-11177.	3.2	57
2307	Neodymium Î²-diketonate showing slow magnetic relaxation and acting as a ratiometric thermometer based on near-infrared emission. RSC Advances, 2019, 9, 23444-23449.	1.7	29
2308	Rare-Earth Doped Forsterite: Anti-reflection Coating with Upconversion Properties as Solar Capture Solution. Engineering Materials, 2019, , 103-130.	0.3	2
2309	Photovoltaic efficiency enhancement for crystalline silicon solar cells via a Bi-functional layer based on europium complex@nanozeolite@SiO2. Journal of Luminescence, 2019, 215, 116708.	1.5	7
2310	Size-dependent selective crystallization using an inorganic mixed-oxoanion system for lanthanide separation. Dalton Transactions, 2019, 48, 12808-12811.	1.6	16

#	Article	IF	Citations
2311	Aryloxy Alkyl Magnesium versus Dialkyl Magnesium in the Lanthanidocene-Catalyzed Coordinative Chain Transfer Polymerization of Ethylene. Organometallics, 2019, 38, 2892-2901.	1.1	13
2312	Tunable Emission in Heteroepitaxial Lnâ€SURMOFs. Advanced Functional Materials, 2019, 29, 1903086.	7.8	40
2313	Three d10 based metal-organic frameworks constructed from 2-(3â€™,4â€™-dicarboxylphenoxy) isophthalic acid: Dual-functional luminescent sensors for Cu2+, Fe3+ cations and Aspartic acid. Journal of Solid State Chemistry, 2019, 277, 564-574.	1.4	11
2314	Construction and Application of Lanthanide Luminescent Materials Based on Macrocycles. , 2019, , 1-24.		0
2315	An excellent colorimetric and â€œturn offâ€•fluorescent probe for tetrahydrofuran based on a luminescent macrocyclic samarium(<scp>iii</scp>) complex. Analyst, The, 2019, 144, 5254-5260.	1.7	12
2316	The Effect on the Luminescent Properties in Lanthanide-Titanium OXO Clusters. Inorganic Chemistry, 2019, 58, 10078-10083.	1.9	28
2317	Two dinuclear lanthanide complexes based on a salicylamide imine multidentate ligand: Synthesis, structure and NIR emission properties. Polyhedron, 2019, 171, 212-220.	1.0	3
2318	Reduction in Coordination Number of Eu(III) on Complexation with Pyrazine Mono- and Di-Carboxylates in Aqueous Medium. Inorganic Chemistry, 2019, 58, 11180-11194.	1.9	20
2319	Zinc-Adeninate Metalâ€“Organic Framework: A Versatile Photoluminescent Sensor for Rare Earth Elements in Aqueous Systems. ACS Sensors, 2019, 4, 1986-1991.	4.0	26
2320	Low-coordinate rare-earth and actinide complexes. Fundamental Theories of Physics, 2019, , 1-87.	0.1	5
2321	Synthesis, Crystal Structures, Magnetic Properties, and Fluorescence of Two Heptanuclear Co^{III}₄Ln^{III}₃ Compounds (Ln = Gd^{III},) Tj ETQq0 0 0 rgBT /Overlock 10 T Inorganic Chemistry, 2019, 2019, 3411-3423.	1.6	10
2322	Strong photoluminescence and sensing performance of nanosized Ca_{0.8}Ln_{0.1}Na_{0.1}WO₄ (Ln = Sm,Eu) compounds obtained by the dry â€œtop-downâ€•grinding method. Dalton Transactions, 2019, 48, 12080-12087.	1.6	6
2323	Features of the Molecular Structure and Luminescence of Rare-Earth Metal Complexes with Perfluorinated (Benzothiazolyl)phenolate Ligands. Molecules, 2019, 24, 2376.	1.7	9
2324	Toward a Rational Design of 3d-4f Heterometallic Coordination Polymers based on Mixed Valence Copper Centers. Crystal Growth and Design, 2019, 19, 7055-7066.	1.4	6
2325	An Americiumâ€Containing Metalâ€“Organic Framework: A Platform for Studying Transplutonium Elements. Angewandte Chemie - International Edition, 2019, 58, 16508-16511.	7.2	20
2326	Medical Imaging Methods. , 2019, , .		0
2327	Investigation of new color-tunable up-conversion phosphors and their long-persistent luminescence properties for potential biomedical applications. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	0
2328	Rare-earth (Gd3+,Yb3+/Tm3+, Eu3+) co-doped hydroxyapatite as magnetic, up-conversion and down-conversion materials for multimodal imaging. Scientific Reports, 2019, 9, 16305.	1.6	74

#	Article	IF	Citations
2329	Intramolecular Nonvalent Interactions in the $${ext{Eu}}_{{ext{2}}}^{{{ext{II}}}}$$EuIII(Î¼-ORF)2(Î¼2-ORF)3(Î¼3-ORF)2(DME)2 Complex. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 767-775.	0.3	3
2330	Understanding the Stability Trend Along Light Lanthanide Complexes with an Ehtylenediamineâ€Type Ligand: A Quantum Chemical Study. ChemistrySelect, 2019, 4, 12368-12374.	0.7	8
2331	The efficient sensitization of Sm(III) ion by a macrocycle with the matched cavity and energy level. Polyhedron, 2019, 173, 114133.	1.0	7
2332	An Americiumâ€Containing Metalâ€“Organic Framework: A Platform for Studying Transplutonium Elements. Angewandte Chemie, 2019, 131, 16660-16663.	1.6	4
2333	Two Series of Lanthanide Coordination Polymers and Complexes with 4â€²â€Phenylterpyridine and their Luminescence Properties. European Journal of Inorganic Chemistry, 2019, 2019, 4564-4571.	1.0	26
2334	Designed Synthesis of Multiluminescent Materials Using Lanthanide Metal-Organic Frameworks and Carbon Dots as Building-Blocks. European Journal of Inorganic Chemistry, 2019, 2019, 3925-3932.	1.0	15
2335	A Series of Highâ€nuclear 3dâ€4f (Fe^{III}₈Ln^{III}₂) Complexes: Syntheses, Structures, and Magnetic Properties. Applied Organometallic Chemistry, 2019, 33, e5222.	1.7	17
2336	Syntheses, structure variations and luminescent properties of rare earth metal-organic complexes modulated by multifunctional arenesulfonate and N-heterocycle. Journal of Solid State Chemistry, 2019, 271, 273-281.	1.4	5
2337	Series of Highly Luminescent Macrocyclic Sm(III) Complexes: Functional Group Modifications Together with Luminescence Performances in Solid-State, Solution, and Doped Poly(methylmethacrylate) Film. ACS Omega, 2019, 4, 18334-18341.	1.6	17
2338	Synthesis, Structural Characterization and Ligand-Enhanced Photo-Induced Color-Changing Behavior of Two Hydrogen-Bonded Ho(III)-Squarate Supramolecular Compounds. Polymers, 2019, 11, 1369.	2.0	2
2339	Promoting a Significant Increase in the Photoluminescence Quantum Yield of Terbium(III) Complexes by Ligand Modification. Inorganic Chemistry, 2019, 58, 12099-12111.	1.9	21
2340	Sensitization of visible and NIR emitting lanthanide(III) ions in a series of dinuclear complexes of formula [Ln2(Î¼-2-FBz)2(2-FBz)4(terpy)2]Â·2(2-HFBz)Â·2(H2O). Polyhedron, 2019, 173, 114113.	1.0	11
2341	Conformational study of [Cu(CF3COCHCO(C4H3X))2] (XÂ= O or S), a combined experimental and DFT study. Journal of Molecular Structure, 2019, 1198, 126916.	1.8	6
2342	Luminescent europium(<scp>iii</scp>) and terbium(<scp>iii</scp>) complexes of Î²-diketonate and substituted terpyridine ligands: synthesis, crystal structures and elucidation of energy transfer pathways. New Journal of Chemistry, 2019, 43, 15139-15152.	1.4	38
2343	Poly(3-hydroxi-butyrate-co-3-hydroxy-valerate) (PHB-HV) microparticles loaded with holmium acetylacetonate as potential contrast agents for magnetic resonance images . International Journal of Nanomedicine, 2019, Volume 14, 6869-6889.	3.3	2
2344	Assembly of Lanthanide-Containing Polyoxotantalate Clusters with Efficient Photoluminescence Properties. Inorganic Chemistry, 2019, 58, 13030-13036.	1.9	30
2345	Lanthanide-Oligomeric Brush Films: From Luminescence Properties to Structure Resolution. ACS Omega, 2019, 4, 15512-15520.	1.6	10
2346	Binding of lanthanide salts to zwitterionic phospholipid micelles. Journal of Colloid and Interface Science, 2019, 557, 568-579.	5.0	2

#	Article	IF	Citations
2347	Lanthanide-Doped Bismuth-Based Fluoride Nanocrystalline Particles: Formation, Spectroscopic Investigation, and Chemical Stability. Chemistry of Materials, 2019, 31, 8504-8514.	3.2	29
2348	Chirality and Chiroptics of Lanthanide Molecular and Supramolecular Assemblies. CheM, 2019, 5, 3058-3095.	5.8	102
2349	Effect of the change of the ancillary carboxylate bridging ligand on the SMM and luminescence properties of a series of carboxylate-diphenoxido triply bridged dinuclear ZnLn and tetranuclear Zn2Ln2 complexes (Ln = Dy, Er). Dalton Transactions, 2019, 48, 190-201.	1.6	13
2350	A new family of dinuclear lanthanide complexes constructed from an 8-hydroxyquinoline Schiff base and Î²-diketone: magnetic properties and near-infrared luminescence. Dalton Transactions, 2019, 48, 1392-1403.	1.6	52
2351	Structural, photoluminescent and thermoluminescent studies of rare earth ion (REâ€‰=â€‰Eu3+) doped Sr2SiO4 phosphor. Optik, 2019, 182, 839-847.	1.4	9
2352	La(III)-based MOFs with 5-aminoisophthalic acid for optical detection and degradation of organic molecules in water. Polyhedron, 2019, 162, 255-262.	1.0	15
2353	Surface modification strategy based on the conjugation of NaYF4:5%Eu luminescent nanoprobe with organic aromatic compounds for application in bioimaging assays. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	2
2354	Cation sensing by luminescent high-nuclearity Znâ€“Eu Schiff base nanoscale complexes: high sensitivity to Ag⁺ and Cd²⁺ ions at the ppm level. Dalton Transactions, 2019, 48, 2206-2212.	1.6	27
2355	Novel bimetallic lanthanide metalâ€“organic frameworks (Ln-MOFs) for colour-tuning through energy-transfer between visible and near-infrared emitting Ln³⁺ ions. Journal of Materials Chemistry C, 2019, 7, 2751-2757.	2.7	20
2357	Multicolor upconversion luminescence of dye-coordinated Er³⁺ at the interface of Er₂O₃ and CaF₂ nanoparticles. Science and Technology of Advanced Materials, 2019, 20, 44-50.	2.8	8
2358	Electronic structure and optical properties of Ln(III) nitrate adducts with 1,10-phenanthroline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 213, 176-183.	2.0	21
2359	Heterometallic grids: synthetic strategies and recent advances. Dalton Transactions, 2019, 48, 769-778.	1.6	26
2360	Tailoring of structural and photoluminescence emissions by Mn and Cu co-doping in 2D nanostructures of ZnS for the visualization of latent fingerprints and generation of white light. Nanoscale, 2019, 11, 2017-2026.	2.8	27
2361	NIR luminescence for the detection of metal ions and nitro explosives based on a grape-like nine-nuclear Nd(<scp>iii</scp>) nanocluster. Inorganic Chemistry Frontiers, 2019, 6, 550-555.	3.0	20
2362	Gelation and luminescence of lanthanide hydrogels formed with deuterium oxide. RSC Advances, 2019, 9, 1949-1955.	1.7	11
2363	Enhanced luminescence and tunable magnetic properties of lanthanide coordination polymers based on fluorine substitution and phenanthroline ligand. RSC Advances, 2019, 9, 16328-16338.	1.7	123
2364	Photoluminescent Lanthanide(III) Singleâ€Molecule Magnets in Threeâ€Dimensional Polycyanidocuprate(I)â€Based Frameworks. Chemistry - A European Journal, 2019, 25, 11820-11825.	1.7	44
2365	Development of a Simple Assay Method for Adenosine Deaminase via Enzymatic Formation of an Inosine-Tb3+ Complex. Sensors, 2019, 19, 2728.	2.1	2

#	Article	IF	Citations
2366	Terpyridine-based complex nanofibers with Eu3+ as a highly selective chemical probes for UO22+. Journal of Hazardous Materials, 2019, 378, 120713.	6.5	10
2367	Hybrid Plasmonicâ€“Ferroelectric Architectures for Lasing and SHG Processes at the Nanoscale. Advanced Materials, 2019, 31, e1901428.	11.1	18
2368	Exploring the dual functionality of an ytterbium complex for luminescence thermometry and slow magnetic relaxation. Chemical Science, 2019, 10, 6799-6808.	3.7	83
2369	Design of a Protein Motif Responsive to Tyrosine Nitration and an Encoded Turn-Off Sensor of Tyrosine Nitration. Biochemistry, 2019, 58, 2822-2833.	1.2	5
2370	Catalytic Formation of Luminescent Complex Clusters Based on Autonomous Strand Exchange Reaction of DNA. ACS Applied Bio Materials, 2019, 2, 2988-2993.	2.3	8
2371	Metal cation sensing by a NIR luminescent high-nuclearity Znâ€“Yb schiff base nanocluster. Journal of Luminescence, 2019, 213, 440-445.	1.5	6
2372	Modulating the photoluminescence of europium oxide nanoparticles by controlling thermal decomposition conditions. Journal of Luminescence, 2019, 214, 116534.	1.5	10
2373	Luminescence properties of pyrazolic 1,3-diketone Ho3+ complex with 1,10-phenanthroline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117229.	2.0	6
2374	Photophysical processes for phenanthroline-menthol ligand and its Eu(III) and Tb(III) complexes in solution. Journal of Luminescence, 2019, 214, 116548.	1.5	0
2375	Utilization of Ternary Europium Complex for Organic Electroluminescent Devices and as a Sensitizer to Improve Electroluminescence of Red-Emitting Iridium Complex. Inorganic Chemistry, 2019, 58, 8316-8331.	1.9	38
2376	Expanding the toolbox for lanthanide-doped upconversion nanocrystals. Journal Physics D: Applied Physics, 2019, 52, 383002.	1.3	27
2377	Optical and magnetic properties of neodymium(III) six-coordinate complexes of 2,6-lutidine N-oxide derivatives. Journal of Solid State Chemistry, 2019, 276, 294-301.	1.4	7
2378	Effect of Ligand Chirality and Hyperconjugation on the Thermodynamic Stability of a Tris(aquated) GdIII Complex: Synthesis, Characterization, and T 1 -Weighted Phantom MR Image Study. European Journal of Inorganic Chemistry, 2019, 2019, 2518-2523.	1.0	2
2379	A Study of the Ligand Composition Change of the Eu3+ Chelate by Two-Stage Laser Excitation Luminescence and Computer Simulation of Kinetics. Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	
2380	Ratiometric fluorescence detection of trace water in an organic solvent based on bimetallic lanthanide metalâ€“organic frameworks. Chemical Communications, 2019, 55, 6926-6929.	2.2	63
2381	Luminescence resonance energy transfer in hybrid materials based on terbium(<scp>iii</scp>) complex, rhodamine B and nanoclay. New Journal of Chemistry, 2019, 43, 8439-8443.	1.4	13
2382	Single-component warm-white-light materials with high color-rendering index based on Eu3+, Tb3+-complexes co-doped LaponiteÂ® under mild reaction conditions. Optical Materials, 2019, 93, 6-10.	1.7	7
2383	1,3-Dimethyl-2-phenyl-1,3-diazaphospholidine-2-oxide as ligand for the preparation of luminescent lanthanide complexes. Journal of Coordination Chemistry, 2019, 72, 1524-1536.	0.8	6

#	Article	IF	Citations
2384	Spontaneous and directed symmetry breaking in the formation of chiral nanocrystals. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11159-11164.	3.3	41
2385	On the stabilization of Ce, Tb, and Eu ions with different oxidation states in silica-based glasses. Journal of Alloys and Compounds, 2019, 797, 302-308.	2.8	9
2386	Novel tetrakis lanthanide Î²-diketonate complexes: Structural study, luminescence properties and temperature sensing. Journal of Luminescence, 2019, 213, 343-355.	1.5	44
2387	Multifunctional AIE schiff-base ligands and corresponding europium(â...¢) complexes: pH response and fluorescence properties. Dyes and Pigments, 2019, 168, 84-92.	2.0	15
2388	Using the Luminescence and Ion Sensing Experiment of a Lanthanide Metalâ€“Organic Framework to Deepen and Extend Undergraduatesâ€™ Understanding of the Antenna Effect. Journal of Chemical Education, 2019, 96, 1256-1261.	1.1	14
2390	Fine-Tuned Visible and Near-Infrared Luminescence on Self-Assembled Lanthanide-Organic Tetrahedral Cages with Triazole-Based Chelates. Inorganic Chemistry, 2019, 58, 7091-7098.	1.9	33
2391	Holmium, thulium and lutetium-octamolybdate [Mo₈O₂₈]^{8â^'} 1D chains: luminescence investigation of europium doped lutetium-octamolybdate. Dalton Transactions, 2019, 48, 8186-8192.	1.6	3
2392	Experimental and theoretical studies on structure, bonding and luminescence properties of Eu(III) and Tb(III) complexes of a new macrocyclic based 8HQ ligand. Journal of Coordination Chemistry, 2019, 72, 1497-1523.	0.8	6
2393	Triazineâ€Cored Lanthanideâ€Based Metalâ€“Organic Frameworks Featuring Unique Water Chains and Strong Characteristic Emissions. Chemistry - an Asian Journal, 2019, 14, 3590-3596.	1.7	4
2394	Dual visible/NIR emission from organometallic iridium(III) complexes. Journal of Organometallic Chemistry, 2019, 893, 11-20.	0.8	15
2395	Deployment and Detection of a Novel Barcoded Advanced Tracers System for the Optimization of Improved Waterflood Recovery in Hydrocarbon Reservoirs. , 2019, , .		11
2396	High Nd(III)-Sensitizer Concentrations for 800 nm Wavelength Excitation Using Isotropic Coreâ€“Shell Upconversion Nanoparticles. Chemistry of Materials, 2019, 31, 3103-3110.	3.2	21
2397	Effects of europium spectral probe interchange in Ln-dyads with cyclen and phen moieties. Dalton Transactions, 2019, 48, 4314-4323.	1.6	11
2398	Lanthanide complexes with phenanthroline-based ligands: insights into cell death mechanisms obtained by microscopy techniques. Dalton Transactions, 2019, 48, 4611-4624.	1.6	38
2399	Construction of a Large High-Nuclearity Cdâ€“Sm Schiff Base Cluster with Nanoscale Inner Cavity as Luminescent Probe for Metal Cations. Crystal Growth and Design, 2019, 19, 2149-2154.	1.4	20
2400	Integration of patterned photonic nitrocellulose and microfluidic chip for fluorescent point-of-care testing of multiple targets. New Journal of Chemistry, 2019, 43, 4808-4814.	1.4	3
2401	Beta-diketones in the intensification of the luminescence of the silk fibroin films doped rare earth ions. Journal of Materials Science: Materials in Electronics, 2019, 30, 16732-16739.	1.1	5
2402	Tetracycline Generated Red Luminescence Based on a Novel Lanthanide Functionalized Layered Double Hydroxide Nanoplatform. Journal of Agricultural and Food Chemistry, 2019, 67, 3871-3878.	2.4	25

#	Article	IF	Citations
2403	Anion Dependent Self-Assembly of Polynuclear Cd-Ln Schiff Base Nanoclusters: NIR Luminescent Sensing of Nitro Explosives. Frontiers in Chemistry, 2019, 7, 139.	1.8	3
2404	1D lanthanide coordination polymers based on lanthanides and 4â€²-hydroxi-4-biphenylcarboxylic acid: Synthesis, structures and luminescence properties. Journal of Solid State Chemistry, 2019, 274, 322-328.	1.4	8
2405	Intramolecular electronic coupling for persistent room-temperature luminescence for smartphone based time-gated fingerprint detection. Materials Horizons, 2019, 6, 1215-1221.	6.4	45
2406	The Quantification of Radiation Damage in Orthophosphates Using Confocal Î¼-Luminescence Spectroscopy of Nd3+. Frontiers in Chemistry, 2019, 7, 13.	1.8	19
2407	Thermally-reversible protonation, enhanced solubility, and photophysical properties of a terbium complex with possible application as a chemical sensor. Inorganic Chemistry Communication, 2019, 103, 63-66.	1.8	1
2408	Nanothermometers based on lanthanide incorporated Periodic Mesoporous Organosilica. Journal of Materials Chemistry C, 2019, 7, 4222-4229.	2.7	22
2409	Luminescent Lanthanide-Based Probes for the Detection of Nitroaromatic Compounds in Water. ACS Omega, 2019, 4, 5283-5292.	1.6	32
2410	Humidity driven molecular switch based on photoluminescent Dy^{III}Co^{III} single-molecule magnets. Journal of Materials Chemistry C, 2019, 7, 4164-4172.	2.7	35
2411	Luminescent Lanthanide Metal Organic Frameworks as Chemosensing Platforms towards Agrochemicals and Cations. Sensors, 2019, 19, 1260.	2.1	22
2412	Novel Nd-doping effect on structural, morphological, optical, and electrical properties of facilely fabricated PbI2 thin films applicable to optoelectronic devices. Applied Nanoscience (Switzerland), 2019, 9, 1417-1426.	1.6	54
2413	Europium and terbium pyrrole-2-carboxylates: Structures, luminescence, and energy transfer. Inorganica Chimica Acta, 2019, 492, 1-7.	1.2	14
2414	Near-infrared-emissive metalâ€“organic frameworks. Dalton Transactions, 2019, 48, 6669-6675.	1.6	24
2415	Suppression of Defect-Induced Quenching via Chemical Potential Tuning: A Theoretical Solution for Enhancing Lanthanide Luminescence. Journal of Physical Chemistry C, 2019, 123, 11151-11161.	1.5	26
2416	Amplified luminescence in organo-curium nanocrystal hybrids. Nanoscale, 2019, 11, 7609-7612.	2.8	3
2417	Breaking the 1,2-HOPO barrier with a cyclen backbone for more efficient sensitization of Eu(<scp>iii</scp>) luminescence and unprecedented two-photon excitation properties. Chemical Science, 2019, 10, 4550-4559.	3.7	20
2418	Octahedral erbium and ytterbium ion encapsulated in phosphorescent iridium complexes showing field-induced magnetization relaxation. Journal of Magnetism and Magnetic Materials, 2019, 484, 139-145.	1.0	8
2419	Synthesis, structure, Hirshfeld surface analysis and photophysical studies of red emitting europium acetylacetonate complex incorporating a phenanthroline derivative. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 377, 268-281.	2.0	50
2420	Phosphorylation-dependent protein design: design of a minimal protein kinase-inducible domain. Organic and Biomolecular Chemistry, 2019, 17, 3984-3995.	1.5	11

#	Article	IF	Citations
2421	Relations between Structural and Luminescence Properties of Novel Lanthanide Nitrate Complexes with Bis-phosphoramidate Ligands. Inorganic Chemistry, 2019, 58, 5630-5645.	1.9	13
2422	Self-assembly of one visible and NIR luminescent Sm(III) coordination polymer with flexible Schiff base ligand. Inorganica Chimica Acta, 2019, 490, 24-28.	1.2	7
2423	Metallopolymers cross-linked with self-assembled Ln₄L₄cages. Dalton Transactions, 2019, 48, 7080-7084.	1.6	14
2424	Absorption- and Excitation-Modulated Luminescence of Pr³⁺, Nd³⁺, and Lu³⁺ Compounds with Dianions of Tetrafluoroterephthalic and Camphoric Acids. ACS Omega, 2019, 4, 2669-2675.	1.6	5
2425	The Study on Titanium Dioxide-Silica Binary Mixture Coated SrAl2O4: Eu2+, Dy3+ Phosphor as a Photoluminescence Pigment in a Waterborne Paint. Journal of Fluorescence, 2019, 29, 461-471.	1.3	13
2426	Spectroscopic properties of Dy3+- and Dy3+, B3+- doped SrAl2O4. Optical Materials, 2019, 89, 268-275.	1.7	18
2427	Rare earth ionâ€“ and transition metal ionâ€“doped inorganic luminescent nanocrystals: from fundamentals to biodetection. Materials Today Nano, 2019, 5, 100031.	2.3	48
2428	pH-dependant synthesis, structures and luminescent properties of a series of novel lanthanide phosphonate coordination polymers. Polyhedron, 2019, 163, 114-120.	1.0	10
2429	Structural effect on the central cavity of a pendent 12N3 macrocycle on bonding and photophysical properties of Eu3+ and Tb3+ complexes: Experimental and theoretical study. Journal of Molecular Structure, 2019, 1184, 324-338.	1.8	4
2430	Luminescent Schiff-Base Lanthanide Single-Molecule Magnets: The Association Between Optical and Magnetic Properties. Frontiers in Chemistry, 2019, 7, 63.	1.8	53
2431	Construction of luminescent tetranuclear Niâ€“Ln (Lnâ€¯=â€¯Eu and Yb) Schiff base nanoclusters. Polyhedron, 2019, 164, 108-112.	1.0	12
2432	A Spectroscopic Investigation of Eu3+ Incorporation in LnPO4 (Ln = Tb, Gd1-xLux, X = 0.3, 0.5, 0.7, 1) Ceramics. Frontiers in Chemistry, 2019, 7, 94.	1.8	5
2433	Layer-dependent characterization of individual and mixed ion-doped multi-layered DNA thin films. Applied Surface Science, 2019, 479, 47-54.	3.1	7
2434	Photophysical investigation of near infrared emitting lanthanoid complexes incorporating tris(2-naphthoyl)methane as a new antenna ligand. Dalton Transactions, 2019, 48, 3768-3776.	1.6	8
2435	Outstanding optical temperature sensitivity and dualâ€mode temperatureâ€dependent photoluminescence in Ho³⁺â€doped (K,Na)NbO₃â€“SrTiO₃ transparent ceramics. Journal of the American Ceramic Society, 2019, 102, 4710-4720.	1.9	52
2436	Self-assembly of a terbium(III) 1D coordination polymer on mica. Beilstein Journal of Nanotechnology, 2019, 10, 2440-2448.	1.5	3
2437	Novel Eu3+ complex based on Î² â€“ diketonate ligand for OLED application. Journal of Physics: Conference Series, 2019, 1348, 012042.	0.3	0
2438	Comparison of Luminescent Properties of Nd3+ Complexes with Pyrazole-Substituted 1,3-Diketone in DMSO Solutions and in KBr Pellets. Bulletin of the Lebedev Physics Institute, 2019, 46, 395-399.	0.1	1

#	Article	IF	Citations
2439	Structural Evolution Controls Photoluminescence of Post-Synthetically Modified Doped Semiconductor Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 29445-29460.	1.5	16
2440	Samarium-Activated La₂Hf₂O₇ Nanoparticles as Multifunctional Phosphors. ACS Omega, 2019, 4, 17956-17966.	1.6	44
2441	The crystal structure of bis(Î¼₂-5,7-dichloroquinolin-8-olato-Î²³) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 677 Td C₆₃H₃₉Cl₁₂Eu₂N₆O₈. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 235, 247-249.	0.1	0
2442	Design of a red-emitter hybrid material for bioimaging: europium complexes grafted on silica particles. Materials Today Chemistry, 2019, 14, 100204.	1.7	8
2443	Rapid and selective visual detection of DCNP (nerve gas mimic) in sea water and soil with a simple paper strip. Results in Chemistry, 2019, 1, 100014.	0.9	15
2444	Large Ln₄₂ coordination nanorings: NIR luminescence sensing of metal ions and nitro explosives. Chemical Communications, 2019, 55, 13116-13119.	2.2	44
2445	A water-stable terbium-MOF sensor for the selective, sensitive, and recyclable detection of Al³⁺ and CO₃^{2â^'} ions. Dalton Transactions, 2019, 48, 15255-15262.	1.6	55
2446	Self-assembly of luminescent 42-metal lanthanide nanowheels with sensing properties towards metal ions and nitro explosives. Journal of Materials Chemistry C, 2019, 7, 13425-13431.	2.7	23
2447	Structureâ€“Function Correlation: Engineering High Quantum Yields in Down-Shifting Nanophosphors. Journal of the American Chemical Society, 2019, 141, 20416-20423.	6.6	14
2448	Breaking Latvaâ€™s Rule by Energy Hopping in a Tb(III):ZnAl₂O₄ Nanospinel. Journal of Physical Chemistry C, 2019, 123, 31175-31182.	1.5	13
2449	The Discovery of the Elements in the Periodic Table. Structure and Bonding, 2019, , 1.	1.0	1
2450	Modern Approaches to the Tuning of the Lanthanide(3+) Coordination Compound Luminescent Characteristics: A Review. Theoretical and Experimental Chemistry, 2019, 55, 293-315.	0.2	12
2451	Predicting Stability Constants for Terbium(III) Complexes with Dipicolinic Acid and 4-Substituted Dipicolinic Acid Analogues using Density Functional Theory. ACS Omega, 2019, 4, 20665-20671.	1.6	19
2452	A Pr³⁺-coordination polymer as an adsorbent for neutral red. Journal of Coordination Chemistry, 2019, 72, 3298-3303.	0.8	3
2455	Enhanced luminescence for detection of small molecules based on doped lanthanide compounds with a dinuclear double-stranded helicate structure. New Journal of Chemistry, 2019, 43, 16706-16713.	1.4	19
2456	Construction of a crystalline 14-metal Znâ€“Nd rectangular nanocluster with a dual-emissive response towards metal ions. RSC Advances, 2019, 9, 40017-40022.	1.7	4
2457	Electronic structures of bent lanthanide(III) complexes with two N-donor ligands. Chemical Science, 2019, 10, 10493-10502.	3.7	25
2458	Europium(III) complex with powerful antenna ligands: Interligand interaction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 207, 222-228.	2.0	13

#	Article	IF	Citations
2459	Wide-Range UV-to-Visible Excitation of Near-Infrared Emission and Slow Magnetic Relaxation in Ln^{III}(4,4â€²-Azopyridine-1,1â€²-dioxide)[Co^{III}(CN)₆]^{3â€“} Layered Frameworks. Inorganic Chemistry, 2019, 58, 165-179.	4.8	22
2460	Recent advances in near-infrared emitting lanthanide-doped nanoconstructs: Mechanism, design and application for bioimaging. Coordination Chemistry Reviews, 2019, 381, 104-134.	9.5	252
2461	Novel Î²-diketonate complexes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Eu</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:math> bearing pyrazole moiety for bright photo- and electroluminescence. Dyes and Pigments, 2019, 163, 291-299.	4.0	32
2462	Recent progress in luminescent materials based on lanthanide complexes intercalated synthetic clays. Journal of Rare Earths, 2019, 37, 451-467.	2.5	43
2463	A multi-color and white-light emissive cucurbituril/terpyridine/lanthanide supramolecular nanofiber. Chinese Chemical Letters, 2019, 30, 949-952.	4.8	22
2464	Lanthanide Complexes with 2-(Tosylamino)-benzylidene-N-(aryloyl)hydrazones: Universal Luminescent Materials. Chemistry of Materials, 2019, 31, 759-773.	3.2	52
2465	Recent Advances in Rare Earthâ€Doped Hydrides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 137-145.	0.6	14
2466	Luminescent complexes associated with isonicotinic acid. Journal of Luminescence, 2019, 207, 561-570.	1.5	8
2467	Covalent Grafting Terbium Complex to Alginate Hydrogels and Their Application in Fe³⁺ and pH Sensing. Global Challenges, 2019, 3, 1800067.	1.8	7
2468	Luminescent and magnetic properties of mononuclear lanthanide thiocyanates with terpyridine as auxiliary ligand. Inorganica Chimica Acta, 2019, 486, 499-505.	1.2	20
2469	Rapid screening detection of fluoroquinolone residues in milk based on turn-on fluorescence of terbium coordination polymer nanosheets. Chinese Chemical Letters, 2019, 30, 549-552.	4.8	21
2470	Lanthanide-2,3,5,6-Tetrabromoterephthalic Acid Metalâ€“Organic Frameworks: Evolution of HalogenÂ·Â·Â·Halogen Interactions across the Lanthanide Series and Their Potential as Selective Bifunctional Sensors for the Detection of Fe³⁺, Cu²⁺, and Nitroaromatics. Crystal Growth and Design, 2019, 19, 305-319.	4.0	86
2471	Energy Transfer Processes in Polynuclear Lanthanide Complexes. Springer Theses, 2019, , .	0.0	3
2472	Bonded-luminescent foam based on europium complexes as a reversible copper (II) ions sensor in pure water. European Polymer Journal, 2019, 112, 461-465.	2.6	29
2473	Recent Trends Concerning Upconversion Nanoparticles and Near-IR Emissive Lanthanide Materials in the Context of Forensic Applications. Australian Journal of Chemistry, 2019, 72, 164-173.	0.5	12
2474	A Dinuclear Dysprosium Complex as an Airâ€Stable and Recyclable Catalyst: Applications in the Deacetylation of Carbohydrate, Aliphatic, and Aromatic Molecules. Chemistry - an Asian Journal, 2019, 14, 627-633.	1.7	10
2475	Two novel ESIPT benzothiazol derivatives and corresponding europium(â…¢) complexes: Synthesis and fluorescent properties. Optical Materials, 2019, 88, 606-614.	1.7	4
2476	Highly Efficient Fluorescent Material Based on Rare-Earth-Modified Polyhydroxyalkanoates. Biomacromolecules, 2019, 20, 3233-3241.	2.6	29

#	Article	IF	Citations
2477	Host sensitized lanthanide photoluminescence from post-synthetically modified semiconductor nanoparticles depends on reactant identity. Journal of Colloid and Interface Science, 2019, 540, 448-465.	5.0	15
2478	Photoemission and thermoluminescence characteristics of Dy3+-doped zinc sodium bismuth borate glasses. Solid State Sciences, 2019, 89, 130-138.	1.5	28
2479	2,5-Furandicarboxylic acid as a linker for lanthanide coordination polymers: the role of heteroaromatic Ï€â€“Ï€ stacking and hydrogen bonding. New Journal of Chemistry, 2019, 43, 2179-2195.	1.4	41
2480	Bifunctional heater-thermometer Nd³⁺-doped nanoparticles with multiple temperature sensing parameters. Nanotechnology, 2019, 30, 145501.	1.3	57
2481	Hydrophilic, Redâ€Emitting, and Thermally Activated Delayed Fluorescence Emitter for Timeâ€Resolved Luminescence Imaging by Mitochondrionâ€Induced Aggregation in Living Cells. Advanced Science, 2019, 6, 1801729.	5.6	80
2482	Photostable soft materials with tunable emission based on sultone functionalized ionic liquid and lanthanides ions. Journal of Luminescence, 2019, 209, 208-216.	1.5	3
2483	Luminescence Sensitization of Eu(III) Complexes with Aromatic Schiff Base and N,Nâ€™-Donor Heterocyclic Ligands: Synthesis, Luminescent Properties and Energy Transfer. Journal of Fluorescence, 2019, 29, 111-120.	1.3	28
2484	Synthesis, structural characterization and photoluminescence properties of mononuclear Eu3+, Gd3+ and Tb3+ complexes derived from cis-(Â±)-2,4,5-tris(pyridin-2-yl)-imidazoline as ligand. Inorganica Chimica Acta, 2019, 486, 377-386.	1.2	6
2485	Energy transfer in liquid and solid nanoobjects: application in luminescent analysis. Physical Sciences Reviews, 2019, 4, .	0.8	5
2486	A dual-functional bimetallic-organic framework nanosensor for detection and decontamination of lachrymator in drinking water. Sensors and Actuators B: Chemical, 2019, 281, 168-174.	4.0	31
2487	A facile onâ€bead method for fully symmetric tetraâ€substituted DOTA derivatizations using peptoid moieties. Biopolymers, 2019, 110, e23249.	1.2	0
2488	In Situ Synthesis of Dicarboxylic Acid Functionalized Upconversion Nanoparticles for Bioimaging Applications. ChemPhotoChem, 2019, 3, 145-150.	1.5	8
2489	Selective fluorescent sensing and photodegradation properties of Tb(III)-based MOFs with different bulky backbone ligands. Polyhedron, 2019, 157, 63-70.	1.0	12
2490	Persistent luminescence instead of phosphorescence: History, mechanism, and perspective. Journal of Luminescence, 2019, 205, 581-620.	1.5	425
2491	Ratiometric fluorescence sensing of Fe2+/3+ by carbon dots doped lanthanide coordination polymers. Journal of Luminescence, 2019, 205, 519-524.	1.5	25
2492	Dual upconversion nanophotoswitch for security encoding. Science China Materials, 2019, 62, 368-378.	3.5	40
2493	Europium-activated luminescent nanoprobes: From fundamentals to bioapplications. Coordination Chemistry Reviews, 2019, 378, 104-120.	9.5	64
2494	Carboxylate covalently modified polyoxometalates: From synthesis, structural diversity to applications. Coordination Chemistry Reviews, 2019, 378, 281-309.	9.5	205

#	Article	IF	Citations
2495	Luminescent lanthanide complexes with phosphoramide and arylphosphonic diamide ligands. Chemical Papers, 2020, 74, 3693-3704.	1.0	10
2496	Photo luminescence studies of stillwellite type Eu3+, Ho3+, Er3+ co-doped lanthanum borosilicate up conversion luminescent materials for solar energy applications. Materials Today: Proceedings, 2020, 23, 123-130.	0.9	1
2497	Selective preparation of Ag species on photoluminescence of Sm 3+ in borosilicate glass via Ag + â€Na + ion exchange. Journal of the American Ceramic Society, 2020, 103, 955-964.	1.9	13
2498	Tunable lanthanide/transition metal ionâ€doped novel phosphors for possible application in wâ€LEDs: a review. Luminescence, 2020, 35, 4-33.	1.5	43
2499	Unexpected luminescent and photochemical properties of europium(III) cinnamates â€“ Theoretical and experimental study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 225, 117481.	2.0	7
2500	Lanthanide-Incorporated Borotungstates Including Keggin-type [BW₁₁O₃₉]^{9â€“} Fragments and Their Luminescence Properties. Crystal Growth and Design, 2020, 20, 362-369.	1.4	11
2501	Europium-based luminescent sensors for mapping pressure distribution on surfaces. Sensors and Actuators B: Chemical, 2020, 305, 127409.	4.0	17
2503	Construction of NIR luminescent nanoscale lanthanide complexes with new flexible Schiff base ligands. Journal of Rare Earths, 2020, 38, 143-147.	2.5	4
2505	Investigation of 4fâ€Related Electronic Transitions of Rareâ€Earth Doped ZnO Luminescent Materials: Insights from Firstâ€Principles Calculations. ChemPhysChem, 2020, 21, 51-58.	1.0	23
2506	Guanine-guided time-resolved luminescence recognition of DNA modification and i-motif formation by a terbium(III)-platinum(II) complex. Biosensors and Bioelectronics, 2020, 150, 111841.	5.3	9
2507	Optical tuning in lanthanide-based nanostructures. Journal Physics D: Applied Physics, 2020, 53, 053002.	1.3	6
2508	Near-infrared/visible-emitting nanosilica modified with silylated Ru(II) and Ln(III) complexes. Nanotechnology, 2020, 31, 035602.	1.3	7
2509	Tailoring photoluminescence properties of aluminum hydroxide nanostructures with carbazole derivatives. Dyes and Pigments, 2020, 176, 108201.	2.0	1
2510	Eu³⁺ Sensitization via Nonradiative Interparticle Energy Transfer Using Inorganic Nanoparticles. Journal of Physical Chemistry Letters, 2020, 11, 689-695.	2.1	19
2511	Solvatochromic dual luminescence of Euâ€“Au dyads decorated with chromophore phosphines. Inorganic Chemistry Frontiers, 2020, 7, 140-149.	3.0	16
2512	Tripyridinophane Platform Containing Three Acetate Pendant Arms: An Attractive Structural Entry for the Development of Neutral Eu(III) and Tb(III) Complexes in Aqueous Solution. Inorganic Chemistry, 2020, 59, 1496-1512.	1.9	8
2513	Multiple color emission of solid-state hybrid material containing carbon dots and Europium(III) complexes. Journal of Luminescence, 2020, 220, 116959.	1.5	9
2514	3D lanthanide-coordination frameworks constructed by a ternary mixed-ligand: crystal structure, luminescence and luminescence sensing. CrystEngComm, 2020, 22, 740-750.	1.3	32

#	Article	IF	Citations
2515	Large temperature tuning of the emission color of a phosphor by dual use of Raman and photoluminescence signals. Materials Horizons, 2020, 7, 1101-1105.	6.4	15
2516	Lanthanide(III) Based Complexes Containing 5,7â€Dimethylâ€1,2,4â€triazolo[1,5â€a]pyrimidine as Longâ€Lived Photoluminescent Antiparasitic Agents. European Journal of Inorganic Chemistry, 2020, 2020, 308-317.	1.0	2
2517	Isolating Nanocrystals with an Individual Erbium Emitter: A Route to a Stable Single-Photon Source at 1550 nm Wavelength. Nano Letters, 2020, 20, 1018-1022.	4.5	26
2518	synthesis of <mml:math altimg="si1.svg"><mml:mrow><mml:mi mathvariant="normal">N</mml:mi><mml:mi mathvariant="normal">a</mml:mi><mml:mi mathvariant="normal">S</mml:mi><mml:mi mathvariant="normal">r</mml:mi><mml:mi mathvariant="normal">B</mml:mi><mml:mo>:</mml:mo><mml:mi mathvariant="normal">N</mml:mi></mml:mrow></mml:math>	2.0	16
2519	Unveiling the Relationship between Energy Transfer and the Triplet Energy Level by Tuning Diarylethene within Europium(III) Complexes. Inorganic Chemistry, 2020, 59, 661-668.	1.9	9
2520	Substituent effects on novel lanthanide(III) hydrazides complexes. Journal of Rare Earths, 2020, 38, 642-648.	2.5	2
2521	Spectroscopic evaluation of Er3+-to-Sm3+ energy transfer in TeO2:ZnO glass under NIR/VIS excitation. Chemical Physics Letters, 2020, 739, 136971.	1.2	7
2522	Binary activated iron oxide/SiO₂/NaGdF₄:RE (RE = Ce, and Eu; Yb, and Er) nanoparticles: synthesis, characterization and their potential for dual T₁â€“T₂ weighted imaging. New Journal of Chemistry, 2020, 44, 832-844.	1.4	4
2523	Dysprosium-based linear helicate clusters: syntheses, structures, and magnetism. New Journal of Chemistry, 2020, 44, 994-1000.	1.4	22
2524	Aggregation-induced white emission of lanthanide metallopolymer and its coating on cellulose nanopaper for white-light softening. Journal of Materials Chemistry C, 2020, 8, 2205-2210.	2.7	17
2525	Organocatalytic Enantioselective 1,6â€azaâ€Michael Addition of Isoxazolinâ€5â€ones to pâ€Quinone Methides. European Journal of Organic Chemistry, 2020, 2020, 627-630.	1.2	33
2526	Insight into the Characteristics of 4f-Related Electronic Transitions for Rare-Earth-Doped KLuS₂ Luminescent Materials through First-Principles Calculation. Journal of Physical Chemistry C, 2020, 124, 932-938.	1.5	8
2527	Luminescence properties of lanthanide complexes-based molecular alloys. Inorganica Chimica Acta, 2020, 501, 119309.	1.2	10
2529	Three Lanthanide Metalâ€Organic Frameworks Based on an Etherâ€Decorated Polycarboxylic Acid Linker: Luminescence Modulation, CO₂ Capture and Conversion Properties. Chemistry - an Asian Journal, 2020, 15, 191-197.	1.7	18
2530	Developing Luminescent Ratiometric Thermometers Based on a Covalent Organic Framework (COF). Angewandte Chemie, 2020, 132, 1948-1956.	1.6	40
2531	Developing Luminescent Ratiometric Thermometers Based on a Covalent Organic Framework (COF). Angewandte Chemie - International Edition, 2020, 59, 1932-1940.	7.2	120
2532	Ion separations with membranes. Journal of Polymer Science, 2020, 58, 2831-2856.	2.0	52
2533	Air stable and efficient rare earth Eu(<scp>ii</scp>) hydro-tris(pyrazolyl)borate complexes with tunable emission colors. Inorganic Chemistry Frontiers, 2020, 7, 4593-4599.	3.0	20

#	Article	IF	Citations
2534	Lanthanide nanoparticles with efficient near-infrared-II emission for biological applications. Journal of Materials Chemistry B, 2020, 8, 10257-10270.	2.9	25
2535	Innovative Multipodal Ligands Derived from TrÃ¶ger's Bases for the Sensitization of Lanthanide(III) Luminescence. Chemistry - A European Journal, 2020, 26, 16900-16909.	1.7	5
2536	A versatile and low-cost chip-to-world interface: Enabling ICP-MS characterization of isotachophoretically separated lanthanides on a microfluidic device. Analytica Chimica Acta, 2020, 1137, 11-18.	2.6	9
2537	Two hexanuclear lanthanide Ln₆^{III} clusters featuring remarkable magnetocaloric effect and slow magnetic relaxation behavior. New Journal of Chemistry, 2020, 44, 18025-18030.	1.4	14
2538	Emerging biomaterials: Taking full advantage of the intrinsic properties of rare earth elements. Nano Today, 2020, 35, 100952.	6.2	32
2539	Green Synthesis of Ce³⁺ Doped ZnAl₂O₄ Phosphor Using Aloe -Vera Extract and Its Characterization. Journal of Physics: Conference Series, 2020, 1644, 012032.	0.3	2
2540	H-shaped oxalate-bridging lanthanoid-incorporated arsenotungstates. Dalton Transactions, 2020, 49, 15731-15738.	1.6	9
2541	Luminescent Properties of Mixed-Ligand Neodymium Î²-Diketonates Obtained in Supercritical Carbon Dioxide in Polymer Matrices of Various Nature. Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	4
2542	Luminescent lanthanides complexes with mesogenic pyridone ligands: Emission and liquid crystals properties. Polyhedron, 2020, 190, 114748.	1.0	6
2543	Large structural heterogeneity in submicrometer BaTiO3 revealed via Eu+3 photoluminescence study. Journal of Applied Physics, 2020, 128, .	1.1	4
2544	Field-induced slow magnetic relaxation and luminescence thermometry in a mononuclear ytterbium complex. Inorganic Chemistry Frontiers, 2020, 7, 3019-3029.	3.0	37
2545	Rational Design of Dual IR and Visible Highly Luminescent Light-Lanthanides-Based Coordination Polymers. Inorganic Chemistry, 2020, 59, 10673-10687.	1.9	21
2546	Construction of a Nanoâ€rectangular Zn(<scp>II</scp>)â€Yb(<scp>III</scp>) Complex with <scp>Nearâ€Infrared</scp> Luminescent Response towards Metal Ions. Chinese Journal of Chemistry, 2020, 38, 1585-1588.	2.6	5
2547	Factors affecting the metal-enhanced luminescence of lanthanide complexes by Ag@SiO2 nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 400, 112678.	2.0	7
2548	Two-Photon Antenna Sensitization of Curium: Evidencing Metal-Driven Effects on Absorption Cross Section in f-Element Complexes. Journal of Physical Chemistry Letters, 2020, 11, 6063-6067.	2.1	12
2549	Three New Lnâ€Đecavanadates Materials:Synthesis, Structure, and Photoluminescent Sensing for Detection of Zn 2+ and Co 2+. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1315-1323.	0.6	1
2550	Synthesis and characterization of fluorescent Europium (III) complex based on D-dextrose composite for latent fingerprint detection. Journal of Saudi Chemical Society, 2020, 24, 584-605.	2.4	15
2551	Bimetallic Europium and Terbium Complexes Containing Substituted Terpyridines and the NSAID Drug Tolfenamic Acid: Structural Differences, Luminescence Properties, and Theranostic Applications. European Journal of Inorganic Chemistry, 2020, 2020, 2998-3009.	1.0	12

#	Article	IF	Citations
2552	One High-Nuclearity Cd(II)â€“Yb(III) Nanoring with Near-IR Luminescent Sensing to Antibiotics. Inorganic Chemistry, 2020, 59, 16809-16813.	1.9	10
2553	Synthesis and luminescence studies of lanthanide complexes (Gd, Tb, Dy) with phenyl- and 2-pyridylthiolates supported by a bulky Î²-diketiminate ligand. Impact of the ligand environment on terbium(<scp>iii</scp>) emission. New Journal of Chemistry, 2020, 44, 19769-19779.	1.4	11
2554	Construction of a 18-Metal Neodymium(III) Nanoring with NIR Luminescent Sensing to Antibiotics. Inorganic Chemistry, 2020, 59, 17608-17613.	1.9	12
2555	Effect of the aromatic substituent on the para-position of pyridine-bis(oxazoline) sensitizers on the emission efficiency of their EuIII and TbIII complexes. Dalton Transactions, 2020, 49, 17699-17708.	1.6	2
2556	Forensic applications of rare earths: Anticounterfeiting materials and latent fingerprint developers. Fundamental Theories of Physics, 2020, 57, 45-117.	0.1	4
2557	DNA Intercalating Near-Infrared Luminescent Lanthanide Complexes Containing Dipyrido[3,2-a:2â€²,3â€²-c]phenazine (dppz) Ligands: Synthesis, Crystal Structures, Stability, Luminescence Properties and CT-DNA Interaction. Molecules, 2020, 25, 5309.	1.7	6
2558	New Luminescent Tetranuclear Lanthanideâ€Based Silsesquioxane Cageâ€Like Architectures. Chemistry - A European Journal, 2020, 26, 16567-16567.	1.7	8
2559	Fluorescence Determination of Ni2+ Ions Based on a Novel Nano-Platform Derived from Silicon Quantum Dots. Silicon, 2022, 14, 385-392.	1.8	4
2560	Sensing of Phosphate and ATP by Lanthanide Complexes in Aqueous Medium and Its Application on Living Cells. ChemistrySelect, 2020, 5, 12878-12884.	0.7	6
2561	A lanthanide doped metal-organic framework demonstrated as naked eye detector of a trace of water in organic solvents including alcohols by monitoring the turn-on of luminescence. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 402, 112830.	2.0	13
2562	A Pentaâ€Eu^{III} Sandwiched Dawson Selenotungstate and Its Unique Luminescence Properties. European Journal of Inorganic Chemistry, 2020, 2020, 3416-3425.	1.0	6
2563	Raman spectra, photoluminescence, and low-frequency dielectric properties of Ba0.97La0.02Ti1âˆ’xNb4x/5O3 (xâ€‰=â€‰0.00, 0.05) ceramics at room temperature. Journal of Materials Science: Materials in Electronics, 2020, 31, 15296-15307.	2.1	18
2564	Flow through negatively charged, nanoporous membranes separates Li⁺ and K⁺ due to induced electromigration. Chemical Communications, 2020, 56, 10954-10957.	2.2	26
2565	Tumor microenvironment-oriented adaptive nanodrugs based on peptide self-assembly. Chemical Science, 2020, 11, 8644-8656.	3.7	62
2566	Tailoring structure, morphology and up-conversion properties of CaF2:Yb3+,Er3+ nanoparticles by the route of synthesis. Journal of Materials Science, 2020, 55, 14166-14178.	1.7	9
2567	Lanthanide (III) ions as multichannel acceptors for bimolecular photoinduced electron transfer reactions with coumarin dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 401, 112774.	2.0	1
2568	Organicâ€“Inorganic Two-Dimensional Hybrid Networks Constructed from Pyridine-4-Carboxylate-Decorated Organotinâ€“Lanthanide Heterometallic Antimotungstates. Inorganic Chemistry, 2020, 59, 11287-11297.	1.9	12
2569	Visible and NIR emitting Yb(<scp>iii</scp>) and Er(<scp>iii</scp>) complexes sensitized by Î²-diketonates and phenanthroline derivatives. RSC Advances, 2020, 10, 27815-27823.	1.7	11

#	Article	IF	Citations
2570	Asymmetric Schiff base ligand enables synthesis of fluorescent and near-IR emitting lanthanide compounds. Journal of Molecular Structure, 2020, 1219, 129060.	1.8	6
2571	Lanthanide-functionalized metalâ€“organic frameworks as ratiometric luminescent sensors. Journal of Materials Chemistry C, 2020, 8, 12739-12754.	2.7	139
2572	Ho³⁺â€“Yb³⁺ doped NaGdF₄ nanothermometers emitting in BW-I and BW-II. Insight into the particle growth intermediate steps. Chemical Communications, 2020, 56, 14365-14368.	2.2	13
2573	Intelligent Feâ€“Mn Layered Double Hydroxides Nanosheets Anchored with Upconversion Nanoparticles for Oxygenâ€Elevated Synergetic Therapy and Bioimaging. Small, 2020, 16, e2001343.	5.2	85
2574	Optimizing the Key Variables to Generate Host Sensitized Lanthanide Doped Semiconductor Nanoparticle Luminophores. Journal of Physical Chemistry C, 2020, 124, 26495-26517.	1.5	24
2575	Coordination-Assembled Water-Soluble Anionic Lanthanide Organic Polyhedra for Luminescent Labeling and Magnetic Resonance Imaging. Journal of the American Chemical Society, 2020, 142, 16409-16419.	6.6	83
2576	Controlled synthesis and characterization of NaYF₄:Yb/Er upconverting nanoparticles produced by laser ablation in liquid. Journal of Chemical Physics, 2020, 153, 064701.	1.2	3
2577	Stepwise Coordination Assembly Approach toward Aluminum-Lanthanide-based Compounds. Inorganic Chemistry, 2020, 59, 13760-13766.	1.9	9
2578	Bright Solvent-Free Luminescent Liquid with Magnetism Composed of a Thiocyanate Complex of Ce(III). Journal of Physical Chemistry B, 2020, 124, 8317-8322.	1.2	4
2579	Coumarin-lanthanide based compounds with SMM behavior and high quantum yield luminescence. Dalton Transactions, 2020, 49, 13671-13684.	1.6	15
2580	Self-Assembly of Lanthanide-Covalent Organic Polyhedra: Chameleonic Luminescence and Efficient Catalysis. Inorganic Chemistry, 2020, 59, 14023-14030.	1.9	11
2581	White-Light-Emitting AIE/Eu³⁺-Doped Ion Gel with Multistimuli-Responsive Properties. ACS Applied Materials & Interfaces, 2020, 12, 45420-45428.	4.0	22
2582	Luminescent Sensor Based on Ln(III) Ternary Complexes for NAD(P)H Detection. Molecules, 2020, 25, 4164.	1.7	2
2583	Upconversion emission studies of single particles. Nano Today, 2020, 35, 100956.	6.2	50
2584	Electrofluorochromic Device Based on a Redox-Active Europium(III) Complex. ACS Applied Materials & Interfaces, 2020, 12, 46390-46396.	4.0	13
2585	Triplexed CEA-NSE-PSA Immunoassay Using Time-Gated Terbium-to-Quantum Dot FRET. Molecules, 2020, 25, 3679.	1.7	4
2586	Construction of a High-Nuclearity Elliptical Yb(III) Nanoring: NIR Luminescent Response to Metal Ions and Nitro Explosives. Inorganic Chemistry, 2020, 59, 14620-14626.	1.9	11
2587	Synthesis and Luminescent Properties of Lanthanide Complexes with Benzothiazolylphenolate and -Naphtholate Ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 534-544.	0.3	2

#	Article	IF	Citations
2588	Diarylphosphate as a New Route for Design of Highly Luminescent Ln Complexes. Molecules, 2020, 25, 3934.	1.7	3
2589	Design and properties of multiple-emitter luminescent metalâ€“organic frameworks. Chemical Communications, 2020, 56, 12290-12306.	2.2	78
2590	Light-Emitting Diode Excitation for Upconversion Microscopy: A Quantitative Assessment. Nano Letters, 2020, 20, 8487-8492.	4.5	11
2591	Deep-blue organic light-emitting diodes based on a doublet dâ€“f transition cerium(III) complex with 100% exciton utilization efficiency. Light: Science and Applications, 2020, 9, 157.	7.7	43
2592	Thermochromic Luminescent Nanomaterials Based on Mn⁴⁺/Tb³⁺ Codoping for Temperature Imaging with Digital Cameras. ACS Applied Materials & Interfaces, 2020, 12, 44039-44048.	4.0	90
2593	Luminescent Eu^{III}and Tb^{III}bimetallic complexes of N,Nâ€²-heterocyclic bases and tolfenamic acid: structures, photophysical aspects and biological activity. New Journal of Chemistry, 2020, 44, 15685-15697.	1.4	11
2594	New Luminescent Tetranuclear Lanthanideâ€Based Silsesquioxane Cageâ€Like Architectures. Chemistry - A European Journal, 2020, 26, 16594-16598.	1.7	24
2595	Molecular and Polymer Ln2M2 (Ln = Eu, Gd, Tb, Dy; M = Zn, Cd) Complexes with Pentafluorobenzoate Anions: The Role of Temperature and Stacking Effects in the Structure; Magnetic and Luminescent Properties. Materials, 2020, 13, 5689.	1.3	20
2596	Thermochromism of Highly Luminescent Photopolymer Flexible Films Based On Eu (III) Salts Confined in Polysulfone. Materials, 2020, 13, 5394.	1.3	2
2597	Influences of reaction temperature and pH on structural diversity of visible and near-infrared lanthanide coordination compounds based on bipyridyl carboxylate and oxalate ligands. Journal of Solid State Chemistry, 2020, 292, 121691.	1.4	2
2598	NIR II-responsive photon upconversion through energy migration in an ytterbium sublattice. Nature Photonics, 2020, 14, 760-766.	15.6	217
2599	New approach to increase the sensitivity of Tbâ€“Eu-based luminescent thermometer. Physical Chemistry Chemical Physics, 2020, 22, 25450-25454.	1.3	9
2600	Influence of thermally induced structural transformations on the magnetic and luminescence properties of tartrate-based chiral lanthanide organic-frameworks. Journal of Materials Chemistry C, 2020, 8, 8243-8256.	2.7	21
2601	Luminescence Tunable Europium and Samarium Complexes: Reversible On/Off Switching and White-Light Emission. Inorganic Chemistry, 2020, 59, 6963-6977.	1.9	24
2602	How Lanthanide Ions Affect the Additionâ€“Elimination Step of Methanol Dehydrogenases. Chemistry - A European Journal, 2020, 26, 11334-11339.	1.7	16
2603	Near-infrared persistent phosphors: Synthesis, design, and applications. Chemical Engineering Journal, 2020, 399, 125688.	6.6	88
2604	Excitation-Dependent Photoluminescence Color Tuning in Lanthanide-Organic Hybrid Materials. Inorganic Chemistry, 2020, 59, 7539-7552.	1.9	24
2605	Near Infrared (NIR) imaging: Exploring biologically relevant chemical space for lanthanide complexes. Journal of Inorganic Biochemistry, 2020, 209, 111118.	1.5	26

#	Article	IF	Citations
2606	Engineered gadolinium-based nanomaterials as cancer imaging agents. Applied Materials Today, 2020, 20, 100686.	2.3	29
2607	Synthesis of Enantiopure Lanthanide Complexes Supported by Hexadentate N,Nâ€²-Bis(methylbipyridyl)bipyrrolidine and Their Circularly Polarized Luminescence. Inorganic Chemistry, 2020, 59, 8498-8504.	1.9	16
2608	A series of mononuclear lanthanide complexes constructed by Schiff base and Î²-diketonate ligands: synthesis, structures, magnetic and fluorescent properties. Polyhedron, 2020, 187, 114651.	1.0	3
2609	Materials for the photoluminescent sensing of rare earth elements: challenges and opportunities. Journal of Materials Chemistry C, 2020, 8, 7975-8006.	2.7	59
2610	DFT and hybrid-DFT calculations on the electronic properties of vanadate materials: theory meets experiments. New Journal of Chemistry, 2020, 44, 11602-11607.	1.4	21
2611	Construction of 14-metal lanthanide nanorings with NIR luminescence response to ions. Chemical Communications, 2020, 56, 8651-8654.	2.2	16
2612	A Sixâ€Armed Phenhomazine Ligand with a Potential â€œTurnâ€Offâ€•Copper(II) Sensing Capability through Terbium(III) Luminescence Quenching. Chemistry - A European Journal, 2020, 26, 12645-12653.	1.7	6
2613	Sensing mechanism elucidation of a europium(<scp>III</scp>) <scp>metalâ€“organic</scp> framework selective to aniline: A theoretical insight by means of multiconfigurational calculations. Journal of Computational Chemistry, 2020, 41, 1956-1964.	1.5	24
2614	Unravelling the intricate photophysical behavior of 3-(pyridin-2-yl)triimidazotriazine AIE and RTP polymorphs. Chemical Science, 2020, 11, 7599-7608.	3.7	22
2615	The microbial threat: Can rare earths help?. Journal of Biophotonics, 2020, 13, e202000068.	1.1	1
2616	Visible and NIR Upconverting Er³⁺â€“Yb³⁺ Luminescent Nanorattles and Other Hybrid PMOâ€Inorganic Structures for In Vivo Nanothermometry. Advanced Functional Materials, 2020, 30, 2003101.	7.8	83
2617	Nâ€Rich Porous Polymer with Isolated Tb³⁺â€Ions Displays Unique Temperature Dependent Behavior through the Absence of Thermal Quenching. Chemistry - A European Journal, 2020, 26, 15596-15604.	1.7	4
2618	Ratiometric fluorescence temperature sensing based on single- and dual-lanthanide metal-organic frameworks. Journal of Luminescence, 2020, 226, 117418.	1.5	39
2619	Rare Nuclearities in Ni(II) Cluster Chemistry: An Unprecedented {Ni12} Nanosized Cage from the Use of N-Naphthalidene-2-Amino-5-Chlorobenzoic Acid. Inorganics, 2020, 8, 32.	1.2	0
2620	Construction of Chiral â€œTriple-Deckerâ€•Nd(III) Nanocluster with High NIR Luminescence Sensitivity toward Co(II). Inorganic Chemistry, 2020, 59, 8652-8656.	1.9	8
2621	Metal ion adaptive self-assembly of photoactive lanthanide-based supramolecular hosts. Chemical Communications, 2020, 56, 4416-4419.	2.2	21
2622	Accurate detection of Î²-hCG in women's serum and cervical secretions for predicting early pregnancy viability based on time-resolved luminescent lanthanide nanoprobes. Nanoscale, 2020, 12, 6729-6735.	2.8	17
2623	Metal-organic coordination polymer-derived carbon nanotubes: Preparation and application in detecting small molecules. Polyhedron, 2020, 182, 114504.	1.0	6

#	Article	IF	Citations
2624	Synthesis, crystal structure and luminescent properties of novel lanthanide complexes with CAPh type ligand diphenyl-N-benzoylamidophosphate and bidentate nitrogen donors. Journal of Luminescence, 2020, 223, 117187.	1.5	15
2625	Cryogenic Luminescent Ratiometric Thermometers Based on Tetragonal Na[LnSiO₄]Â·xNaOH (Ln = Gd, Tb, Eu; x â‰ˆ 0.2). European Journal of Inorganic Chemistry, 2020, 2020, 1852-1859.	1.0	2
2626	Cancer Stem Cell Target Labeling and Efficient Growth Inhibition of CD133 and PD-L1 Monoclonal Antibodies Double Conjugated with Luminescent Rare-Earth Tb3+ Nanorods. Applied Sciences (Switzerland), 2020, 10, 1710.	1.3	5
2627	Spectroscopic studies of silica-incorporated lanthanum Î²-diketonate complexes for application in optoelectronic devices. Journal of Materials Science: Materials in Electronics, 2020, 31, 6773-6778.	1.1	0
2628	Synthesis and characterization of well-dispersed amorphous LnBO3Â·3H2O (Ln: Dy, Tb) nanoparticles. Chemical Papers, 2020, 74, 2449-2459.	1.0	0
2629	Yb3+/Er3+ co-doped Dionâ€“Jacobson niobium layered perovskites as NIR-to-green upconversion materials. New Journal of Chemistry, 2020, 44, 10165-10171.	1.4	4
2630	Enhancement of Terbium(III)-Centered Luminescence by Tuning the Triplet Energy Level of Substituted Pyridylamino-4-R-Phenoxo Tripodal Ligands. Inorganic Chemistry, 2020, 59, 5447-5455.	1.9	25
2631	Catalytic formation of luminescent lanthanide complexes using an entropy-driven DNA circuit. Chemical Communications, 2020, 56, 3863-3866.	2.2	7
2632	Lanthanide-Grafted Bipyridine Periodic Mesoporous Organosilicas (BPy-PMOs) for Physiological Range and Wide Temperature Range Luminescence Thermometry. ACS Applied Materials & Interfaces, 2020, 12, 13540-13550.	4.0	44
2633	Aspects of lanthanide complexes for selectivity, intensity and sharpness in luminescence bands from twenty-four praseodymium, europium and gadolinium complexes with differently distorted-hexadentate ligands. Photochemical and Photobiological Sciences, 2020, 19, 1054-1062.	1.6	8
2634	Two Beta-Phosphorylamide Compounds as Ligands for Sm3+, Eu3+, and Tb3+: X-ray Crystallography and Luminescence Properties. Molecules, 2020, 25, 2971.	1.7	1
2635	Formation of Heteropolynuclear Lanthanide Complexes Using Macrocyclic Phosphonated Cyclam-Based Ligands. Inorganic Chemistry, 2020, 59, 10311-10327.	1.9	8
2636	Heteroleptic Lanthanide Complexes Coordinated by Tripodal Tetradentate Ligand: Synthesis, Structure, and Magnetic and Photoluminescent Properties. Crystal Growth and Design, 2020, 20, 5184-5192.	1.4	4
2637	Lanthanide spectroscopy in probing structure-property correlation in multi-site photoluminescent phosphors. Coordination Chemistry Reviews, 2020, 420, 213405.	9.5	83
2638	Thin-film formation for promoting the potential of luminescent lanthanide coordination complexes. Coordination Chemistry Reviews, 2020, 421, 213458.	9.5	15
2639	The role of the synthetic pathways on properties of Ag2S nanoparticles for photothermal applications. Applied Surface Science, 2020, 514, 145856.	3.1	17
2640	Chiroptical property tuning of supramolecular assemblies in polymer matrices. Chirality, 2020, 32, 704-709.	1.3	4
2641	Cysteine oxidation to the sulfinic acid induces oxoform-specific lanthanide binding and fluorescence in a designed peptide. Free Radical Biology and Medicine, 2020, 152, 166-174.	1.3	4

#	Article	IF	Citations
2642	Construction of visible luminescent lanthanide coordination compounds with different stacking modes based on a carboxylate substituted terpyridyl derivative ligand. Inorganica Chimica Acta, 2020, 506, 119550.	1.2	8
2643	Luminescent Carbazole-Based Eu^{III} and Yb^{III} Complexes with a High Two-Photon Absorption Cross-Section Enable Viscosity Sensing in the Visible and Near IR with One- and Two-Photon Excitation. Inorganic Chemistry, 2020, 59, 3193-3199.	1.9	15
2644	Biological properties of a new mixed lanthanide(III) complex incorporating a dypiridinium ylide. Inorganica Chimica Acta, 2020, 506, 119517.	1.2	8
2645	Luminescent macrocyclic Sm(III) complex probe for turn-off fluorescent and colorimetric water detection in organic solvents and liquid fuels. Sensors and Actuators B: Chemical, 2020, 311, 127887.	4.0	30
2646	Modulation of the properties of dinuclear lanthanide complexes through utilizing different Î²-diketonate co-ligands: near-infrared luminescence and magnetization dynamics. Dalton Transactions, 2020, 49, 2850-2861.	1.6	18
2647	Time-resolved luminescence detection of peroxynitrite using a reactivity-based lanthanide probe. Chemical Science, 2020, 11, 3164-3170.	3.7	41
2648	Facile synthesis of NaYF4:Ln/NaYF4:Eu composite with up-conversion and down-shifting luminescence. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 391, 112388.	2.0	5
2649	Highly Stretchable and Fast Self-Healing Luminescent Materials. ACS Applied Materials & Interfaces, 2020, 12, 13239-13247.	4.0	42
2650	Conjugation of a Scintillator Complex and Gold Nanorods for Dual-Modal Image-Guided Photothermal and X-ray-Induced Photodynamic Therapy of Tumors. ACS Applied Materials & Interfaces, 2020, 12, 12591-12599.	4.0	59
2651	Magnetic Nanoheterostructures. Nanomedicine and Nanotoxicology, 2020, , .	0.1	3
2652	Luminescent Vesicles Self-assembled Directly from an Amphiphilic Europium Complex in an Ionic Liquid. Langmuir, 2020, 36, 2911-2919.	1.6	10
2653	Fluorescent immunochromatographic assay for quantitative detection of the foot-and-mouth disease virus serotype O antibody. Microchemical Journal, 2020, 155, 104690.	2.3	6
2654	Glowing kaolinite intercalated with N-Methyl imidazole and Eu3+/Tb3+ salts and potential application in UV-to-red light conversion. Applied Clay Science, 2020, 186, 105473.	2.6	5
2655	Controlling upconversion through interfacial energy transfer (IET): Fundamentals and applications. Journal of Rare Earths, 2020, 38, 474-482.	2.5	32
2656	The near-infrared luminescence and magnetism of dinuclear complexes with different local symmetries constructed from a Î²-diketonate co-ligand and bis-Schiff base ligand. New Journal of Chemistry, 2020, 44, 2561-2570.	1.4	9
2657	Synthesis and characterization of Lanthanum(III) complexes containing 4,4,4-trifluoro-1-(naphthalen-2yl)butane-1,3-dionate. Polyhedron, 2020, 179, 114384.	1.0	12
2658	Thermodynamics and Kinetics of Gas-Phase CO Oxidation on the Scandium Monoxide Carbonyl Complexes. Journal of Physical Chemistry A, 2020, 124, 924-931.	1.1	4
2659	Helical Assemblies of One-Dimensional Supramolecular Polymers Composed of Helical Macromolecules: Generation of Circularly Polarized Light Using an Infinitesimal Chiral Source. Journal of the American Chemical Society, 2020, 142, 3254-3261.	6.6	85

#	Article	IF	Citations
2660	Redox-Modulations of Photophysical and Single-molecule Magnet Properties in Ytterbium Complexes Involving Extended-TTF Triads. Molecules, 2020, 25, 492.	1.7	11
2661	A new series of lanthanide-based complexes with a bis(hydroxy)benzoxaborolone ligand: synthesis, crystal structure, and magnetic and optical properties. CrystEngComm, 2020, 22, 2020-2030.	1.3	6
2662	Dual Emission in a Ligand and Metal Co-Doped Lanthanide-Organic Framework: Color Tuning and Temperature Dependent Luminescence. Molecules, 2020, 25, 523.	1.7	8
2663	Sensitized Yb³⁺ Luminescence in CsPbCl₃ Film for Highly Efficient Nearâ€Infrared Lightâ€Emitting Diodes. Advanced Science, 2020, 7, 1903142.	5.6	54
2664	Chiroptical Spectroscopic Studies on Lanthanide Complexes with Valinamide Derivatives in Solution. ChemPlusChem, 2020, 85, 294-300.	1.3	14
2665	Luminescenceâ€Driven Electronic Structure Determination in a Textbook Dimeric Dy^{III}â€Based Singleâ€Molecule Magnet. Chemistry - A European Journal, 2020, 26, 4389-4395.	1.7	23
2666	Proton Conductive Luminescent Thermometer Based on Near-Infrared Emissive {YbCo₂} Molecular Nanomagnets. Journal of the American Chemical Society, 2020, 142, 3970-3979.	6.6	106
2667	Luminescence intensification of terbium(III) ion complexes with dipivaloylmethane (tmhd) and monodentate auxiliary ligands. Optik, 2020, 206, 164338.	1.4	39
2668	Efficient Visibleâ€Lightâ€Excitable Eu³⁺ Complexes for Red Organic Lightâ€Emitting Diodes. European Journal of Inorganic Chemistry, 2020, 2020, 1260-1270.	1.0	25
2669	Thiophene-derivatized pyridine-biscarboxamide as a sensitizer for LnIII luminescence and 1O2 generation. Journal of Luminescence, 2020, 224, 117309.	1.5	7
2670	Combination of single-molecule magnet behaviour and luminescence properties in a new series of lanthanide complexes with tris(pyrazolyl)borate and oligo(Î²-diketonate) ligands. Dalton Transactions, 2020, 49, 7774-7789.	1.6	17
2671	HOCl Responsive Lanthanide Complexes Using Hydroquinone Caging Units. Molecules, 2020, 25, 1959.	1.7	3
2672	Tb-doped BSAâ€“gold nanoclusters as a bimodal probe for the selective detection of TNT. Analytical and Bioanalytical Chemistry, 2020, 412, 4165-4172.	1.9	12
2673	Lanthanideâ€Containing Rotaxanes, Catenanes, and Knots. ChemPlusChem, 2020, 85, 783-792.	1.3	5
2674	Circularly Polarized Luminescence of Isolated Small Organic Molecules. , 2020, , .		71
2675	Synthesis and up-conversion of core/shell SrF2:Yb3+,Er3+@SrF2:Yb3+,Nd3+ nanoparticles under 808, 975, and 1532Ânm excitation wavelengths. Journal of Alloys and Compounds, 2020, 831, 154797.	2.8	22
2676	Synthesis and investigation of enhanced luminescence of Ln(III)-complexes containing fluorinated Î²-diketone and oxygen donor ancillary ligands for efficient advanced displays. Journal of Luminescence, 2020, 223, 117255.	1.5	39
2677	Multiresponsive White-Light Emitting Aerogel Prepared with Codoped Lanthanide/Thymidine/Carbon Dots. ACS Applied Materials & Interfaces, 2020, 12, 22191-22199.	4.0	34

#	Article	IF	Citations
2678	Luminescent properties of biohybrid (kaolinite-proline) materials synthesized by a new boric acid catalyzed route and complexed to Eu3+. Applied Clay Science, 2020, 192, 105634.	2.6	3
2679	Increasing Sensitivity of the Luminescence Determination of Lanthanides Using Their Complexes. Journal of Analytical Chemistry, 2020, 75, 286-303.	0.4	5
2680	Dilution effect on the slow relaxation of a luminescent dysprosium Metal-Organic Framework based on 2,5-dihydroxyterephthalic acid. Inorganica Chimica Acta, 2020, 509, 119687.	1.2	6
2681	Luminescent Europium(III) â€œTurn-Onâ€•Sensor for G-Series Chemical Warfare Simulants: A Mechanistic Investigation. ACS Sensors, 2020, 5, 1268-1272.	4.0	31
2682	Synthesis, Characterization and Photo-Physical Properties of Europium(III) and Terbium(III) Complexes with Thiosemicarbazones. Asian Journal of Chemistry, 2020, 32, 952-958.	0.1	1
2683	Pure and RE³⁺-Doped La₇O₆(VO₄)₃ (RE =) Tj ETQq1 1 0.784314 rg Chemistry, 2020, 59, 5929-5938.	1.9	9
2684	Novel luminescent europium-centered hybrid material covalently grafted with organically modified titania via 2-substituted imidazophenanthroline for fluorescence sensing. Journal of Rare Earths, 2021, 39, 666-673.	2.5	5
2685	Construction of a nano-rectangular Zn-Nd complex with near-infrared luminescent response towards metal ions. Chinese Chemical Letters, 2021, 32, 569-572.	4.8	6
2686	Quantifying the Overall Efficiency of Circularly Polarized Emitters. Chemistry - A European Journal, 2021, 27, 2920-2934.	1.7	257
2687	Glycoconjugated Metal Complexes as Cancer Diagnostic and Therapeutic Agents. ChemMedChem, 2021, 16, 30-64.	1.6	26
2688	Phenanthroline chromophore as efficient antenna for Tb3+ green luminescence: A theoretical study. Dyes and Pigments, 2021, 185, 108890.	2.0	18
2689	Synthesis, structures and luminescence properties of three Mg(II)-Dy(III) heterometallic coordination polymers. Journal of Molecular Structure, 2021, 1224, 129301.	1.8	4
2690	Luminescent europium(<scp>iii</scp>) complexes based on tridentate isoquinoline ligands with extremely high quantum yield. Inorganic Chemistry Frontiers, 2021, 8, 41-47.	3.0	16
2691	Near-UV-excitable, green-emitting Tb3+-based complexes. Inorganica Chimica Acta, 2021, 515, 120071.	1.2	5
2692	Lanthanideâ^'Organic complex with uncoordinated lewis basic triazolyl sites as multi-responsive sensor for nitrobenzene, Cu2+ and MnO4â^'. Dyes and Pigments, 2021, 185, 108930.	2.0	20
2693	Designing magnesium-selective ligands using coordination chemistry principles. Coordination Chemistry Reviews, 2021, 428, 213622.	9.5	11
2694	Trinuclear cerium complex based on a chiral ligand of 1,1â€²-binaphthyl-2,2â€²-diyl phosphate: Synthesis, characterization, and template effect of chloride ion. Inorganic Chemistry Communication, 2021, 123, 108352.	1.8	0
2695	Photocatalytic Aerobic Oxidative Ring Expansion of Cyclic Ketones to Macrolactones by Cerium and Cyanoanthracene Catalysis. Angewandte Chemie - International Edition, 2021, 60, 5370-5376.	7.2	49

#	Article	IF	Citations
2696	Isomerism, conformation, and structure of Bis(4,4-dimethyl-1-phenylpentane-1,3-dionato)copper(II); A theoretical and spectroscopy approach. Journal of Molecular Structure, 2021, 1227, 129711.	1.8	3
2697	An unusual mechanism of building up of a high magnetization blocking barrier in an octahedral alkoxide Dy³⁺-based single-molecule magnet. Inorganic Chemistry Frontiers, 2021, 8, 1166-1174.	3.0	37
2698	Diverse physical functionalities of rare-earth hexacyanidometallate frameworks and their molecular analogues. Inorganic Chemistry Frontiers, 2021, 8, 452-483.	3.0	38
2699	A hetero-MOF-based bifunctional ratiometric fluorescent sensor for pH and water detection. Dalton Transactions, 2021, 50, 143-150.	1.6	25
2700	Lanthanide Podands with a Short Tripodal Ligand: The Missing Piece of Puzzle. European Journal of Inorganic Chemistry, 2021, 2021, 276-282.	1.0	2
2701	Evolution from a single relaxation process to two-step relaxation processes of Dy2 single-molecule magnets via the modulations of the terminal solvent ligands. Dalton Transactions, 2021, 50, 217-228.	1.6	11
2702	Distinct electronic structures and bonding interactions in inverse-sandwich samarium and ytterbium biphenyl complexes. Chemical Science, 2021, 12, 227-238.	3.7	12
2703	Luminescence modulation, near white light emission, selective luminescence sensing, and anticounterfeiting via a series of Ln-MOFs with a Ï€-conjugated and uncoordinated lewis basic triazolyl ligand. Inorganic Chemistry Frontiers, 2021, 8, 329-338.	3.0	35
2704	Structural analysis of an Europium-Sodium complex containing 2-thenoyltrifluoroacetone and succinimide as ligands, a highly photoluminescent material. Journal of Molecular Structure, 2021, 1228, 129778.	1.8	9
2705	Doping Lanthanide Ions in Colloidal Semiconductor Nanocrystals for Brighter Photoluminescence. Chemical Reviews, 2021, 121, 1425-1462.	23.0	94
2706	Spectroscopic, photophysical, solution thermodynamics and computational study of europium and terbium complexes with a flexible quinolinol-based symmetric tripodal chelator. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119124.	2.0	3
2707	Thermo-induced structural transformation with synergistic optical and magnetic changes in ytterbium and erbium complexes. Chinese Chemical Letters, 2021, 32, 1519-1522.	4.8	11
2708	Intermediate Valence States in Lanthanide Compounds. Chemistry - A European Journal, 2021, 27, 6860-6879.	1.7	21
2709	Multireference Ab Initio Investigation on Ground and Low-Lying Excited States: Systematic Evaluation of Jâ€“J Mixing in a Eu³⁺ Luminescent Complex. Inorganic Chemistry, 2021, 60, 315-324.	1.9	11
2710	Encoding Multilayer Complexity in Antiâ€Counterfeiting Heterometallic MOFâ€Based Optical Tags. Angewandte Chemie, 2021, 133, 1223-1231.	1.6	7
2711	A facile approach for the creation of heteroionic lanthanidomesogens-containing uniform films with enhanced luminescence efficiency. Dyes and Pigments, 2021, 187, 109050.	2.0	10
2712	Encoding Multilayer Complexity in Antiâ€Counterfeiting Heterometallic MOFâ€Based Optical Tags. Angewandte Chemie - International Edition, 2021, 60, 1203-1211.	7.2	54
2713	Surface modification via 2-thenoyltrifluoroacetone and the photophysical studies. Chemical Papers, 2021, 75, 873-881.	1.0	2

#	Article	IF	Citations
2714	Oxide ancillary ligand-based europium Î²-diketonate complexes and their enhanced luminosity. Rare Metals, 2021, 40, 2873-2881.	3.6	44
2715	One high-nuclearity Eu₁₈ nanoring with rapid ratiometric fluorescence response to dipicolinic acid (an anthrax biomarker). Chemical Communications, 2021, 57, 7316-7319.	2.2	8
2716	3D Tb(III) and Eu(III) coordination polymers with mixed dicarboxylate ligands: Synthesis, structure and luminescence properties. Polyhedron, 2021, 194, 114910.	1.0	9
2717	Controlled synthesis and photoluminescence properties of Bi₂SiO₅:Eu³⁺ core-shell nanospheres with an intense ⁵D₀â†’⁷F₄ transition. Optical Materials Express, 2021, 11, 355.	1.6	11
2718	SHG-active NIR-emissive molecular nanomagnets generated in layered neodymium(<scp>iii</scp>)â€“octacyanidometallate(<scp>iv</scp>) frameworks. Journal of Materials Chemistry C, 2021, 9, 10705-10717.	2.7	15
2719	Energy transfer cooperation between ligands and Eu^{III} ions in molecular europium complexes for vapoluminescence sensing (reversible on/off emission switching) and hybrid white LED/plant-growth applications. Journal of Materials Chemistry C, 2021, 9, 15034-15046.	2.7	13
2720	New up-conversion luminescence in molecular cyano-substituted naphthylsalophen lanthanide(<scp>iii</scp>) complexes. Chemical Communications, 2021, 57, 2551-2554.	2.2	12
2721	Molecular Size Matters: Ultrafast Dye Singlet Sensitization Pathways to Bright Nanoparticle Emission. Advanced Optical Materials, 2021, 9, 2001678.	3.6	7
2722	Crystal structure and spectroscopy studies of the thulium acid pyrophosphate HTmP2O7Â·3H2O. Journal of Molecular Structure, 2021, 1224, 129157.	1.8	2
2723	Gallic acid capped Tb³⁺-doped CaF₂ nanocrystals: an efficient optical probe for the detection of carbonate and bicarbonate ions. Journal of Materials Chemistry C, 2021, 9, 4267-4274.	2.7	11
2724	Water-stable lanthanideâ€“organic macrocycles from a 1,2,4-triazole-based chelate for enantiomeric excess detection and pesticide sensing. Dalton Transactions, 2021, 50, 5759-5764.	1.6	12
2725	Construction of a high-nuclearity Nd(<scp>iii</scp>) nanoring for the NIR luminescent detection of antibiotics. Dalton Transactions, 2021, 50, 5865-5870.	1.6	2
2726	Enhancement of photoluminescence/phosphorescence properties of Eu3â€‰+-doped Gd2Zr2O7 phosphor. , 2021, , 259-266.		1
2727	Applications of nanoscale metalâ€“organic frameworks as imaging agents in biology and medicine. Journal of Materials Chemistry B, 2021, 9, 3423-3449.	2.9	61
2728	Giant nonlinear optical responses from photon-avalanching nanoparticles. Nature, 2021, 589, 230-235.	13.7	167
2729	Luminescent heteroleptic Eu(<scp>iii</scp>) probes for the selective detection of diethyl chlorophosphate as a G-series nerve agent mimic in the vapor phase using solid-state films. Journal of Materials Chemistry C, 2021, 9, 10037-10051.	2.7	9
2730	De novodesigned coiled coils as scaffolds for lanthanides, including novel imaging agents with a twist. Chemical Communications, 2021, 57, 6851-6862.	2.2	12
2731	Photochromic and photocontrolled luminescent rare-earth Dâ€“A hybrid crystals based on rigid viologen acceptors. CrystEngComm, 2021, 23, 6267-6275.	1.3	9

#	Article	IF	Citations
2732	Structural variation of self-assembled lanthanide supramolecular complexes induced by reaction conditions. Inorganic Chemistry Frontiers, 2021, 8, 2952-2964.	3.0	15
2734	Multicolour lanthanide(<scp>iii</scp>) porous 1D coordination polymers: tunable wide spectrum emission and efficient Cu^{II} sensing. Dalton Transactions, 2021, 50, 13002-13011.	1.6	7
2735	Achieving high thermal sensitivity from ratiometric CaGdAlO₄:Mn⁴⁺,Tb³⁺ thermometers. Dalton Transactions, 2021, 50, 13447-13458.	1.6	11
2736	Reticular synthesis of two anionic Zn(<scp>ii</scp>)-MOFs for organic dye adsorption/separation and lanthanide ion sensitization. CrystEngComm, 2021, 23, 3319-3325.	1.3	10
2737	Molecularly Imprinted Polymer-Based Optical Sensors for Pesticide Determination. , 2021, , 93-115.		2
2738	Metalâ€“organic framework thin films as versatile chemical sensing materials. Materials Advances, 2021, 2, 6169-6196.	2.6	30
2739	Optical pressure sensing in vacuum and high-pressure ranges using lanthanide-based luminescent thermometerâ€“manometer. Journal of Materials Chemistry C, 2021, 9, 4643-4651.	2.7	56
2740	Sol-gel materials for smart electrochromic devices. , 2021, , 439-475.		3
2741	Determination of affinities of lanthanide-binding proteins using chelator-buffered titrations. Methods in Enzymology, 2021, 651, 23-61.	0.4	11
2742	High temperature (nano)thermometers based on LiLuF₄:Er³⁺,Yb³⁺ nano- and microcrystals. Confounded results for coreâ€“shell nanocrystals. Journal of Materials Chemistry C, 2021, 9, 3589-3600.	2.7	38
2743	The effect of terminal N-donor aromatic ligands on the sensitization and emission of lanthanide ions in Zn₂Ln (Ln = Eu, Tb) complexes with 4-biphenylcarboxylate anions. New Journal of Chemistry, 2021, 45, 13349-13359.	1.4	8
2744	Ratiometric fluorescent detection of dipicolinic acid as an anthrax biomarker based on a high-nuclearity Yb₁₈ nanoring. Dalton Transactions, 2021, 50, 13528-13532.	1.6	5
2745	Structural Characterization, Magnetic and Luminescent Properties of Praseodymium(III)-4,4,4-Trifluoro-1-(2-Naphthyl)Butane-1,3-Dionato(1-) Complexes. Crystals, 2021, 11, 179.	1.0	9
2746	Dynamic Control of Orthogonal Upconversion in Migratory Coreâ€“Shell Nanostructure toward Information Security. Advanced Functional Materials, 2021, 31, 2009796.	7.8	39
2747	Lanthanide Supermolecular Transformers Induced by K⁺ and CO₂. Inorganic Chemistry, 2021, 60, 2764-2770.	1.9	7
2748	Dy3+ doped B2O3 â€“ Li2O â€“ CaO â€“ CaF2 glass for efficient white light emitting sources. Journal of Non-Crystalline Solids, 2021, 554, 120604.	1.5	24
2749	A pentanuclear Er (III) coordination cluster as a catalyst for selective synthesis of 1,2â€disubstituted benzimidazoles. Applied Organometallic Chemistry, 2021, 35, e6200.	1.7	5
2750	Ligandâ€Sensitised LaF 3 :Eu 3+ and SrF 2 :Eu 3+ Nanoparticles and in Vitro Haemocompatiblity Studies. ChemMedChem, 2021, 16, 1640-1650.	1.6	5

#	Article	IF	Citations
2751	Influence of the Anionic Zinc-Adeninate Metalâ€“Organic Framework Structure on the Luminescent Detection of Rare Earth Ions in Aqueous Streams. ACS Applied Materials & Interfaces, 2021, 13, 7268-7277.	4.0	16
2752	Design and Synthesis of Luminescent Lanthanide-Based Bimodal Nanoprobes for Dual Magnetic Resonance (MR) and Optical Imaging. Nanomaterials, 2021, 11, 354.	1.9	14
2753	1,3-Diketone Calix[4]arene Derivativesâ€”A New Type of Versatile Ligands for Metal Complexes and Nanoparticles. Molecules, 2021, 26, 1214.	1.7	25
2754	Custom NIR Imaging of New Upâ€Conversion Multimodal Gadolinium Oxysulfide Nanoparticles. Particle and Particle Systems Characterization, 2021, 38, 2000216.	1.2	5
2755	Combining the Best of Two Chelating Titans: A Hydroxypyridinoneâ€Decorated Macrocyclic Ligand for Efficient and Concomitant Complexation and Sensitized Luminescence of fâ€Elements. ChemPlusChem, 2021, 86, 483-491.	1.3	8
2756	Rapid Quantification of Chlorpromazine Residues in Pork Using Nanosphere-Based Time-Resolved Fluorescence Immunoassay Analyzer. International Journal of Analytical Chemistry, 2021, 2021, 1-8.	0.4	3
2757	Overview of Nâ€Rich Antennae Investigated in Lanthanideâ€Based Temperature Sensing. Chemistry - A European Journal, 2021, 27, 7214-7230.	1.7	19
2758	Mononuclear Dysprosium Alkoxide and Aryloxide Singleâ€Molecule Magnets. Chemistry - A European Journal, 2021, 27, 7625-7645.	1.7	72
2759	Layered Perovskite Doping with Eu³⁺ and Î²-diketonate Eu³⁺ Complex. Chemistry of Materials, 2021, 33, 2289-2297.	3.2	28
2760	Photocatalytic Dehydroxymethylative Arylation by Synergistic Cerium and Nickel Catalysis. Journal of the American Chemical Society, 2021, 143, 4896-4902.	6.6	71
2761	Exploring the Slow Magnetic Relaxation of a Family of Photoluminescent 3D Lanthanideâ€“Organic Frameworks Based on Dicarboxylate Ligands. Magnetochemistry, 2021, 7, 41.	1.0	0
2762	Tunable white light emission of an anti-ultraviolet rare-earth polysiloxane phosphors based on near UV chips. Optics Express, 2021, 29, 8997.	1.7	2
2763	Construction of a nanoscale Yb(III) Schiff base complex with NIR luminescence response to anions and nitro explosives. Journal of Luminescence, 2021, 231, 117807.	1.5	2
2764	Luminescent PMMA Films and PMMA@SiO₂ Nanoparticles with Embedded Ln³⁺ Complexes for Highly Sensitive Optical Thermometers in the Physiological Temperature Range**. Chemistry - A European Journal, 2021, 27, 6479-6488.	1.7	11
2765	Study of the Effect of Europium Acetate on the Intermolecular Properties of Water. Frontiers in Physics, 2021, 9, .	1.0	5
2766	Synthesis and Optical Performance of terbium complexes with octanoyl amino acids. Arabian Journal of Chemistry, 2021, 14, 103033.	2.3	8
2767	Construction of Zn(II)/Cd(II)â€“Yb(III) Schiff Base Complexes for the NIR Luminescent Sensing of Fluoroquinolone Antibiotics. Inorganic Chemistry, 2021, 60, 5764-5770.	1.9	17
2768	Multistimuli-Responsive Lanthanide-Containing Smart Luminescent Hydrogel Actuator. ACS Applied Materials & Interfaces, 2021, 13, 20633-20640.	4.0	48

#	Article	IF	Citations
2769	Eu3+-doped SiO2â€“Y2O3 containing Sr2+ for application as fingerprinting detector. Optical Materials, 2021, 114, 111018.	1.7	8
2770	Near-Infrared-Light emitting diode driven white light Emission: Upconversion nanoparticles decorated Metal-Organic Frame-works thin film. Chemical Engineering Journal, 2021, 409, 128220.	6.6	14
2771	Syntheses and Structures of the First Lanthanideâ€“Thiosulfate Complexes and the Subsequent Formation of Mixed Thiosulfateâ€“Sulfite Compounds. Crystal Growth and Design, 2021, 21, 3071-3081.	1.4	2
2772	Photoluminescence characteristics and white light generation in borohydride derived co-doped (Eu3+, Tb3+) YBO3 phosphors. Optik, 2021, 231, 166411.	1.4	3
2773	Enhanced Fluorescence of La 3+ , Gd 3+ doped EuW 10 for Temperature sensing performance. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1221-1226.	0.6	2
2774	High-Nuclearity Cd(II)â€“Nd(III) Nanowheel with NIR Emission Sensing of Metal Cations and Nitro-Based Explosives. Crystal Growth and Design, 2021, 21, 2821-2827.	1.4	9
2775	pH-Controlled Assembly of Two Polynuclear Dy(III)-Containing Polytungstoarsenates with Magnetic and Luminescence Properties. Inorganic Chemistry, 2021, 60, 7519-7526.	1.9	14
2776	Lanthanide Ions Sensitization by Small Noble Metal Nanoclusters. ACS Photonics, 2021, 8, 1364-1376.	3.2	6
2777	Photo- and Electroluminescent Properties of the Yb3+ Complex with Pyrazole-Substituted 1,3-Diketone and 1,10-Phenanthroline. Bulletin of the Lebedev Physics Institute, 2021, 48, 139-143.	0.1	3
2778	Luminescent lanthanide complexes for reactive oxygen species biosensing and possible application in Alzheimerâ€™s diseases. FEBS Journal, 2022, 289, 2516-2539.	2.2	12
2779	Integrating Positive and Negative Thermal Quenching Effect for Ultrasensitive Ratiometric Temperature Sensing and Anti-counterfeiting. ACS Applied Materials & Interfaces, 2021, 13, 23951-23959.	4.0	80
2780	Seven- and eight-coordinate lanthanide(III) amidophosphate complexes: synthesis, characterization and photoluminescence. Journal of Coordination Chemistry, 2021, 74, 1466-1481.	0.8	4
2781	Advances in Application of Azobenzene as a Trigger in Biomedicine: Molecular Design and Spontaneous Assembly. Advanced Materials, 2021, 33, e2007290.	11.1	118
2782	Multinuclear Lanthanide-Implanted Tetrameric Dawson-Type Phosphotungstates with Switchable Luminescence Behaviors Induced by Fast Photochromism. Inorganic Chemistry, 2021, 60, 8164-8172.	1.9	21
2783	Recent Progress in Luminous Particleâ€Encapsulated Hostâ€“Guest Metalâ€Organic Frameworks for Optical Applications. Advanced Optical Materials, 2021, 9, 2100283.	3.6	39
2784	Luminescence and Energy Transfer of Li₂Y₄(MoO₄)₇: Ln³⁺ (Ln = Dy, Eu) Phosphors. ECS Journal of Solid State Science and Technology, 2021, 10, 056002.	0.9	2
2785	Incorporation of expanded organic cations in dysprosium(III) borohydrides for achieving luminescent molecular nanomagnets. Scientific Reports, 2021, 11, 11354.	1.6	3
2786	Broadband Detection of Xâ€ray, Ultraviolet, and Nearâ€Infrared Photons using Solutionâ€Processed Perovskiteâ€“Lanthanide Nanotransducers. Advanced Materials, 2021, 33, e2101852.	11.1	51

#	Article	IF	Citations
2787	Halide Replacement with Complete Preservation of Crystal Lattice in Mixedâ€Anion Lanthanide Oxyhalides. Angewandte Chemie, 2021, 133, 15710-15717.	1.6	1
2788	Thermally Stable Rare-Earth Metal Complexes Supported by Chelating Silylene Ligands. Organometallics, 2021, 40, 2100-2107.	1.1	8
2789	Thermal, Spectroscopy and Luminescent Characterization of Hybrid PMMA/Lanthanide Complex Materials. Materials, 2021, 14, 3156.	1.3	7
2790	Exploration of photophysical behavior of lanthanide complex and its hybrids. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 254, 119629.	2.0	3
2791	Quantum Sensing for Energy Applications: Review and Perspective. Advanced Quantum Technologies, 2021, 4, 2100049.	1.8	33
2792	New Magnetic and Luminescent Dy(III) and Dy(III)/Y(III) Based Tetranuclear Silsesquioxane Cages. European Journal of Inorganic Chemistry, 2021, 2021, 2696-2701.	1.0	19
2793	Circularly Polarized Luminescence from Chiral <scp>pâ€Terphenyleneâ€Based</scp> Supramolecular Aggregates. Chinese Journal of Chemistry, 2021, 39, 2095-2100.	2.6	6
2794	Rare Self-Luminous Mixed-Valence Eu-MOF with a Self-Enhanced Characteristic as a Near-Infrared Fluorescent ECL Probe for Nondestructive Immunodetection. Analytical Chemistry, 2021, 93, 8613-8621.	3.2	50
2795	Lanthanide ions-activated Gd2B2WO9: Multicolor tunable phosphors under single-wavelength excitation. Journal of Alloys and Compounds, 2021, 867, 159026.	2.8	3
2796	Halide Replacement with Complete Preservation of Crystal Lattice in Mixedâ€Anion Lanthanide Oxyhalides. Angewandte Chemie - International Edition, 2021, 60, 15582-15589.	7.2	11
2797	Construction of an Octanuclear Zn(II)â€Yb(III) Schiff Base Complex for the NIR Luminescent Sensing of Nitrofuran Antibiotics. Chinese Journal of Chemistry, 2021, 39, 2083-2087.	2.6	4
2798	Functional Microâ€/Nanomaterials for Multiplexed Biodetection. Advanced Materials, 2021, 33, e2004734.	11.1	35
2799	Near-Infrared Emissive Cyanido-Bridged {YbFe2} Molecular Nanomagnets Sensitive to the Nitrile Solvents of Crystallization. Magnetochemistry, 2021, 7, 79.	1.0	7
2800	Optical nanomaterials with focus on rare earth doped oxide: A Review. Materials Today Communications, 2021, 27, 102277.	0.9	56
2801	A Chiral Lanthanide Tag for Stable and Rigid Attachment to Single Cysteine Residues in Proteins for NMR, EPR and Timeâ€Resolved Luminescence Studies. Chemistry - A European Journal, 2021, 27, 13009-13023.	1.7	19
2802	Photoluminescent Nanoparticles for Chemical and Biological Analysis and Imaging. Chemical Reviews, 2021, 121, 9243-9358.	23.0	162
2803	Enhancement of the Ln3+ ratiometric nanothermometers by sensitization with transition metal ions. Journal of Alloys and Compounds, 2021, 870, 159386.	2.8	13
2804	Six-photon upconverted excitation energy lock-in for ultraviolet-C enhancement. Nature Communications, 2021, 12, 4367.	5.8	51

#	Article	IF	Citations
2805	Broadband Short-Wave Infrared Light-Emitting Diodes Based on Cr³⁺-Doped LiScGeO₄ Phosphor. ACS Applied Materials & Interfaces, 2021, 13, 36011-36019.	4.0	93
2806	Photoluminescence of Homoleptic Lanthanide Complexes With Tris(benzotriazol-1-yl)borate. Journal of Fluorescence, 2021, 31, 1433-1443.	1.3	5
2807	Investigation of the Supramolecular Assembly of Luminescent Lanthanide Nanoparticles Surface Functionalized by <i>pâ€<</i>Sulfonatoâ€Calix[4]arenes with Charged Aromatic Compounds. European Journal of Inorganic Chemistry, 2021, 2021, 3761-3770.	1.0	5
2808	Achieving tunable multicolor display and sensitive temperature sensing in self-sensitization of erbium-doped CaF₂ nanocrystals under 808, 980 and 1532â€...nm irradiation. Optical Materials Express, 2021, 11, 2514.	1.6	15
2809	Robust Lanthanoid Picolinate-Based Coordination Polymers for Luminescence and Sensing Applications. Inorganic Chemistry, 2021, 60, 10572-10584.	1.9	10
2810	Structure Determination of Europium Complexes in Solution Using Crystal-Field Splitting of the Narrow fâ€“f Emission Lines. Journal of Physical Chemistry Letters, 2021, 12, 6867-6874.	2.1	9
2811	Temporal and spectral hybrid interference from phase transition of Eu3+/Pr3+: YPO4 and evolution of amplifier and multiplexer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 404, 127400.	0.9	1
2812	Influence of Sm3+ doping on the relaxation behaviors of KSr2Nb5O15 ferroelectric ceramics and the luminescence modulation effect by polarization engineering. Ceramics International, 2021, 47, 20286-20297.	2.3	5
2814	Designer Plasmonic Nanostructures for Unclonable Anticounterfeit Tags. Small Structures, 2021, 2, 2100043.	6.9	17
2815	Functionâ€Targeted Lanthanideâ€Anchored Polyoxometalateâ€“Cyclodextrin Assembly: Discriminative Sensing of Inorganic Phosphate and Organophosphate. Advanced Functional Materials, 2021, 31, 2104572.	7.8	25
2816	Efficient green OLEDs achieved by a terbium(III) complex with photoluminescent quantum yield close to 100%. Science China Chemistry, 2021, 64, 1504-1509.	4.2	8
2817	Recent progress in the lanthanide-complexes based luminescent hybrid materials. Coordination Chemistry Reviews, 2021, 441, 213988.	9.5	66
2818	Luminescent Ln-Ionic Liquids beyond Europium. Molecules, 2021, 26, 4834.	1.7	5
2819	Eu(III)â€“DO3A and BODIPY dyad as a chemosensor for anthrax biomarker. Luminescence, 2021, 36, 1953-1960.	1.5	8
2820	Organoamine-Directed Assembly of 5pâ€“4f Heterometallic Cluster Substituted Polyoxometalates: Luminescence and Proton Conduction Properties. Inorganic Chemistry, 2021, 60, 13718-13726.	1.9	19
2821	Sizeâ€Controlled Hapticity Switching in [Ln(C₉H₉)(C₈H₈)] Sandwiches. Chemistry - A European Journal, 2021, 27, 13558-13567.	1.7	6
2822	Synthesis, photophysical and assembly studies of novel luminescent lanthanide(III) complexes of 1,2,3-triazolyl-pyridine-2,6-dicarboxamide-based ligands. Supramolecular Chemistry, 2021, 33, 160-173.	1.5	6
2823	Probing Lanmodulinâ€™s Lanthanide Recognition via Sensitized Luminescence Yields a Platform for Quantification of Terbium in Acid Mine Drainage. Journal of the American Chemical Society, 2021, 143, 14287-14299.	6.6	32

#	Article	IF	Citations
2824	Helicate-to-tetrahedron transformation of chiral lanthanide supramolecular complexes induced by ionic radii effect and linker length. Communications Chemistry, 2021, 4, .	2.0	9
2825	Theoretical Modeling (Sparkle RM1 and PM7) and Crystal Structures of the Luminescent Dinuclear Sm(III) and Eu(III) Complexes of 6,6,7,7,8,8,8- Heptafluoro-2,2-dimethyl-3,5-octanedione and 2,3-Bis(2-pyridyl)pyrazine: Determination of Individual Spectroscopic Parameters for Two Unique Eu³⁺ Sites. ACS Omega, 2021, 6, 21207-21226.	1.6	10
2826	Dye-sensitized Er³⁺-doped CaF₂ nanoparticles for enhanced near-infrared emission at 1.5â€‰â€‰Î¼m. Photonics Research, 2021, 9, 2037.	3.4	9
2827	Investigation of photophysical properties of ternary Sm(III) complexes. Optik, 2021, 242, 167078.	1.4	12
2828	Fluorescence and physical properties of thulium and erbium co-doped dental zirconia. Dental Materials Journal, 2021, 40, 1080-1085.	0.8	0
2829	Recent advances in nanostructured Snâ^'Ln mixed-metal oxides as sunlight-activated nanophotocatalyst for high-efficient removal of environmental pollutants. Ceramics International, 2021, 47, 23702-23724.	2.3	60
2830	Lanthanides Î²-diketonate complexes as energy-efficient emissive materials: A review. Journal of Molecular Structure, 2022, 1249, 131531.	1.8	87
2831	A Dual-emitting Two-dimensional Nickel-based Metal-organic Framework Nanosheets: Eu3+/Ag+ Functionalization Synthesis and Ratiometric Sensing in Aqueous Solution. Journal of Fluorescence, 2021, 31, 1947-1957.	1.3	9
2832	Upconverting SrF₂:Er³⁺ Nanoparticles for Optical Temperature Sensors. ACS Applied Nano Materials, 2021, 4, 10438-10448.	2.4	35
2833	Yb to Tb Cooperative Upconversion in Supramolecularly Assembled Complexes in a Solution. Chemistry, 2021, 3, 1037-1046.	0.9	3
2834	Field-Induced SMM and Vis/NIR Luminescence on Mononuclear Lanthanide Complexes with 9-Anthracenecarboxylate and 2,2â€²:6,2â€³-Terpyridine. Magnetochemistry, 2021, 7, 124.	1.0	5
2835	Anomalous upconversion amplification induced by surface reconstruction in lanthanide sublattices. Nature Photonics, 2021, 15, 732-737.	15.6	77
2836	Locationâ€Dependent Lanthanide Selectivity Engineered into Structurally Characterized Designed Coiled Coils. Angewandte Chemie - International Edition, 2021, 60, 24473-24477.	7.2	10
2837	Stepwise Increase of Nd^{III}â€Based Phosphorescence by AIEâ€Active Sensitizer: Broadening the AIPE Family from Transition Metals to Discrete Nearâ€Infrared Lanthanide Complexes**. Chemistry - A European Journal, 2021, 27, 16204-16211.	1.7	4
2838	Location Dependent Lanthanide Selectivity Engineered into Structurally Characterized Designed Coiled Coils. Angewandte Chemie, 0, , .	1.6	0
2839	Assessment of zirconia fluorescence after treatment with immersion in liquids, glass infiltration and aging. Ceramics International, 2021, 47, 27511-27523.	2.3	1
2840	Photostability of luminescent europium(III) hexafluoroacetylacetonates: Combined theoretical and experimental study. Journal of Luminescence, 2021, 238, 118274.	1.5	10
2841	Synthesis of LaPO4:Eu nanofibers with enhanced photoluminescence quantum yield. Journal of Alloys and Compounds, 2021, 879, 160477.	2.8	7

#	Article	IF	Citations
2842	Influence of Tb3+ ions concentration and temperature on lithium bismuth alumino borosilicate glasses for green photonic device applications. Optical Materials, 2021, 120, 111439.	1.7	11
2843	Recent advances in 1,8-naphthalimide-based small-molecule fluorescent probes for organelles imaging and tracking in living cells. Coordination Chemistry Reviews, 2021, 444, 214019.	9.5	66
2844	One step synthesis of samarium vanadate nanorods for high performance supercapacitors. Materials Technology, 0, , 1-8.	1.5	1
2845	Lanthanide dicyanoaurate coordination polymers containing 1,10-phenanthroline: Synthesis, structure, and luminescence. Inorganica Chimica Acta, 2021, 527, 120562.	1.2	8
2846	Design and synthesis of a stable multifunctional photoluminescence sensing material for rare earth ions from a 2D undulating Cd-coordination polymer. Sensors and Actuators B: Chemical, 2021, 347, 130641.	4.0	5
2847	Ultrasensitive near-infrared electrochemiluminescence biosensor derived from Eu-MOF with antenna effect and high efficiency catalysis of specific CoS2 hollow triple shelled nanoboxes for procalcitonin. Biosensors and Bioelectronics, 2021, 191, 113409.	5.3	58
2848	Lanthanide complexes as redox and ROS/RNS probes: A new paradigm that makes use of redox-reactive and redox non-innocent ligands. Coordination Chemistry Reviews, 2021, 446, 214133.	9.5	8
2849	Highly selective ion separations based on counter-flow electromigration in nanoporous membranes. Journal of Membrane Science, 2021, 638, 119684.	4.1	13
2850	Investigation of luminescence properties of Eu-doped Si-Al-O-N glasses synthesized via sol-gel process. Journal of Non-Crystalline Solids, 2021, 573, 121107.	1.5	7
2851	Highly selective detecting Aspartic acid, detecting Ornidazole and information encryption and decryption supported by a heterometallic anionic Cd (II)-K (I)-MOF. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120340.	2.0	13
2852	Silicon-hybrid carbon dots derived from rice husk: promising fluorescent probes for trivalent rare earth element ions in aqueous media. New Journal of Chemistry, 2021, 45, 20575-20585.	1.4	5
2853	Statistic Replacement of Lanthanide Ions in Bisâ€salicylatoborate Coordination Polymers for the Deliberate Control of the Luminescence Chromaticity. ChemistryOpen, 2021, 10, 164-170.	0.9	0
2854	Liquid crystalline behavior and photoluminescence of lanthanide decanoate nanoparticles synthesized by microwave radiation. Dalton Transactions, 2021, 50, 5269-5286.	1.6	0
2855	Visible-light-induced ligand to metal charge transfer excitation enabled phosphorylation of aryl halides. Chemical Communications, 2021, 57, 5702-5705.	2.2	16
2856	Lanthanide clusters of phenanthroline containing a pyridineâ€“pyrazole based ligand: magnetism and cell imaging. Dalton Transactions, 2021, 50, 3593-3609.	1.6	13
2857	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
2858	Helix-mediated over 1 nm-range chirality recognition by ligand-to-ligand interactions of dinuclear helicates. Chemical Science, 2021, 12, 8746-8754.	3.7	9
2859	Single-Ion Magnet and Photoluminescence Properties of Lanthanide(III) Coordination Polymers Based on Pyrimidine-4,6-Dicarboxylate. Magnetochemistry, 2021, 7, 8.	1.0	8

#	Article	IF	Citations
2861	Circularly Polarized Emission of Lanthanide Ion Complexes. Springer Series on Fluorescence, 2021, , 1.	0.8	0
2862	Ancillary ligand modulated stereoselective self-assembly of triple-stranded Eu(<scp>iii</scp>) helicate featuring circularly polarized luminescence. RSC Advances, 2021, 11, 10524-10531.	1.7	12
2863	Photocatalytic Aerobic Oxidative Ring Expansion of Cyclic Ketones to Macrolactones by Cerium and Cyanoanthracene Catalysis. Angewandte Chemie, 2021, 133, 5430-5436.	1.6	7
2864	Rational design of lanthanide nano periodic mesoporous organosilicas (Ln-nano-PMOs) for near-infrared emission. Dalton Transactions, 2021, 50, 2774-2781.	1.6	6
2865	Synthesis, crystal structure and luminescent properties of isoreticular lanthanideâ€“organic frameworks based on a tetramethyl-substituted terphenyldicarboxylic acid. Polyhedron, 2021, 194, 114929.	1.0	6
2866	LiYF₄-nanocrystal-embedded glass ceramics for upconversion: glass crystallization, optical thermometry and spectral conversion. RSC Advances, 2021, 11, 2066-2073.	1.7	9
2867	Dysprosiumâ€“dianthracene framework showing thermo-responsive magnetic and luminescence properties. Journal of Materials Chemistry C, 2021, 9, 10749-10758.	2.7	12
2868	Luminescent lanthanideâ€“macrocycle supramolecular assembly. Chemical Communications, 2021, 57, 11443-11456.	2.2	27
2869	Structural diversity of four lanthanide metalâ€“organic frameworks based on 2,6-naphthalenedicarboxylate: synthesis, structures and photoluminescent properties. CrystEngComm, 2021, 23, 1388-1397.	1.3	9
2871	Thiazole and the Diazines Pyrazine and Pyrimidine as Sensitizers for Lanthanide Luminescence from VIS to NIR. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1513-1518.	0.6	7
2872	Mechanisms of Signal Transduction. , 2009, , 249-297.		2
2873	Materials for Solar Cell Applications: An Overview of TiO2, ZnO, Upconverting Organic and Polymer-Based Solar Cells. , 2020, , 55-78.		6
2874	Bright NIR-luminescent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e655" altimg="si55.svg"><mml:msup><mml:mrow><mml:mi mathvariant="normal">Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> complexes with pyrazole-substituted 1,3-diketones demonstrated an unusual spectral lines branching ratios. Dyes and Pigments, 2020, 181, 108558.	4.1	19
2875	Hydrothermal synthesis of six new lanthanides coordination polymers based on 1-H-benzimidazole-5-carboxylic acid: Structure, Hirshfeld analysis, thermal and spectroscopic properties. Inorganica Chimica Acta, 2020, 510, 119740.	1.2	6
2876	Multi-component hybrid soft ionogels for photoluminescence tuning and sensing organic solvent vapors. Journal of Colloid and Interface Science, 2018, 513, 133-140.	5.0	20
2877	Luminescence performance of Cerium(III) ions incorporated into organofunctional mesoporous silica. Microporous and Mesoporous Materials, 2020, 305, 110331.	2.2	6
2878	Self-assembly of c-di-GMP, Tb3+, and Ag+ into high-quantum-yield coordination polymer nanoparticles: Mechanism discussion and application as a c-di-GMP sensor. Sensors and Actuators B: Chemical, 2020, 312, 127960.	4.0	11
2879	Orientation Dependence of Photoluminescence Tuned by in Situ Electric Field in Ferroelectric Single Crystals. Crystal Growth and Design, 2020, 20, 4120-4126.	1.4	2

#	Article	IF	Citations
2880	In Situ Electric Field Tuning Photoluminescence Response in Tetragonal-Phase Ferroelectric Single Crystals. ACS Applied Electronic Materials, 2020, 2, 1729-1734.	2.0	3
2881	Seven-coordinate lanthanide complexes with a tripodal redox active ligand: structural, electrochemical and spectroscopic investigations. Dalton Transactions, 2018, 47, 10742-10751.	1.6	25
2882	Lanthanide anthracene complexes: slow magnetic relaxation and luminescence in Dy^{III}, Er^{III} and Yb^{III} based materials. Dalton Transactions, 2019, 48, 2735-2740.	1.6	32
2883	SPRâ€enhanced fluorescence and proteinâ€improved blood compatibility of quadruple core/shell nanostructure of Ag@SiO₂@Eu³⁺(tta)₃Phen@Protein. Micro and Nano Letters, 2018, 13, 1447-1452.	0.6	3
2884	Lanthanide coordination polymers based on designed bifunctional 2-(2,2â€²:6â€²,2â€³-terpyridin-4â€²-yl)benzenesulfonate ligand: syntheses, structural diversity and highly tunable emission. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 855-864.	0.5	6
2885	Crystal structure of diaquatris(benzohydrazide-Î¹²) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Td (N,O Crystallographic Communications, 2018, 74, 1691-1694.	0.2	2
2886	Crystal structure of poly[[hexaaquatris(Î¼-3,6-dioxocyclohexa-1,4-diene-1,4-diolato)dierbium(III)] octadecahydrate]. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 64-67.	0.2	1
2887	A STUDY OF LUMINESCENCE EXCITATION OF POLYMERIC EUROPIUM(III) METHACRYLATE: CASSCF/XMCQDPT2. Journal of Structural Chemistry, 2020, 61, 1195-1202.	0.3	2
2888	Emission Editing in Eu/Tb binary complexes based on Au@SiO2 nanorods. Optics Express, 2019, 27, 27726.	1.7	8
2889	Rapid On-Site Sensing Aflatoxin B1 in Food and Feed via a Chromatographic Time-Resolved Fluoroimmunoassay. PLoS ONE, 2015, 10, e0123266.	1.1	25
2890	The Preparation and Biomedical Application of Biopolyesters. Mini-Reviews in Medicinal Chemistry, 2020, 20, 331-340.	1.1	1
2891	Evaluation of Luciferase Thermal Stability by Arginine Saturation in the Flexible Loops. Current Proteomics, 2020, 17, 30-39.	0.1	3
2892	Optical Properties of Lanthanides in Condensed Phase, Theory and Applications. AIMS Materials Science, 2015, 2, 37-60.	0.7	56
2893	Preparation and Luminescent Properties of a Novel Carbazole Functionalized Bis-Î²-diketone Ligand and Corresponding Eu(III) and Tb(III) Complexes. Bulletin of the Korean Chemical Society, 2009, 30, 2213-2216.	1.0	17
2894	A Series of 3D Lanthanide Complexes Containing (La(III), Sm(III) and Gd(III)) Metal-organic Frameworks: Synthesis, Structure, Characterization and Their Luminescent Properties. Bulletin of the Korean Chemical Society, 2012, 33, 3777-3787.	1.0	3
2895	Highly Sensitive Luminescence Assessment of Bile Acid Using a Balofloxacin-Europium(III) Probe in Micellar Medium. Bulletin of the Korean Chemical Society, 2012, 33, 4145-4149.	1.0	1
2896	Up-Converting Lanthanide Ions Doped Fluoride Nanophosphors: Advances from Synthesis to Applications. Indian Institute of Metals Series, 2021, , 159-211.	0.2	0
2897	Tunable magnetic anisotropy in luminescent cyanido-bridged {Dy₂Pt₃} molecules incorporating heteroligand Pt^{IV}linkers. Dalton Transactions, 2021, 50, 16242-16253.	1.6	5

#	Article	IF	Citations
2898	Dual-phase glass ceramics for dual-modal optical thermometry through a spatial isolation strategy. Dalton Transactions, 2021, 50, 16223-16232.	1.6	8
2899	Red emitting Sm(<scp>ii</scp>) phosphors: thermally switchable luminescence in Sm(AlX₄)₂ (X = Cl, Br) by 5dâ€“4f and intra-4f transitions. Chemical Communications, 2021, 57, 11984-11987.	2.2	4
2900	Luminescent Poly(vinylidene fluoride)â€Based Inks for Anticounterfeiting Applications. Advanced Photonics Research, 2022, 3, 2100151.	1.7	3
2901	Polymeric Terbium(III) Squarate Hydrate as a Luminescent Magnet. Crystals, 2021, 11, 1221.	1.0	4
2902	Combined Experimental and Ab Initio Methods for Rationalization of Magneto-Luminescent Properties of Yb^{III} Nanomagnets Embedded in Cyanido/Thiocyanidometallate-Based Crystals. Journal of Physical Chemistry Letters, 2021, 12, 10558-10566.	2.1	11
2903	Suppression of Eu²⁺ Luminescence Loss. Advanced Optical Materials, 2022, 10, .	3.6	7
2904	The Underexplored Field of Lanthanide Complexes with Helicene Ligands: Towards Chiral Lanthanide Single Molecule Magnets. Magnetochemistry, 2021, 7, 138.	1.0	5
2905	Color tuning and white light emission based on tetraphenylethylene-functionalized cucurbit[7]uril and FRET triggered by host-guest self-assembly. Tetrahedron, 2021, 101, 132509.	1.0	2
2906	Methods of phosphor synthesis and related technology. , 2006, , .		0
2907	10.1007/s11449-008-2013-x. , 2010, 104, 225.		0
2909	Nanomaterials in Healthcare. , 2014, , 57-68.		0
2910	Characteristic Structures and Photophysical Properties of Nona-Coordinated Eu(III) Complexes with Tridentate Phosphine Oxides. Springer Theses, 2014, , 45-60.	0.0	0
2911	Application of N-dimethyl benzoylamidophosphate-based coordination compounds in the development of the technology for metallorganic light-emitting diodes (MOLED). Reports National Academy of Science of Ukraine, 2014, , 125-132.	0.0	0
2912	Structural Diversity of Five New Lanthanide Coordination Polymers Tuned by Different Salt Anions. Bulletin of the Korean Chemical Society, 2014, 35, 1417-1421.	1.0	0
2913	Focusing on Targets. , 2015, , 551-601.		0
2914	CATIONIC COORDINATION COMPOUNDS [Ln(Pip)2(Ph3PO)3]B(Ph)4 BASED ON 2,2,2-TRICHLORO-N-(DIPIPERIDIN-1-YL-PHOSPHORYL)ACETAMIDE. VÃ¬snik OdesÊ¹kogo NacÃ¬onalÊ¹nogo UnÃ¬versitetu: HÃ¬mÃ¬Ã¢, 2016, 21, 29.	0.1	0
2917	Noninvasive Imaging Techniques of Metal Nanoparticles and Their Future Diagnostic Applications. , 2019, , 119-141.		1
2918	Bis[Î¼-bis(2,6-diisopropylphenyl) phosphato-Îº²<sup>O:Oâ€²]bis[(2,2â€²-bipyridine-Îº²<sup>N,Nâ€²)lithium] toluene disolvate and its catalytic activity in ring-opening polymerization of âˆ’caprolactone and <scp>L</scp>-dilactide. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 848-853.	0.2	1

#	Article	IF	Citations
2919	Crystal structure of tris[bis(2,6-diisopropylphenyl) phosphato-Î¹O]pentakis(methanol-Î¹O)europium methanol monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1892-1896.	0.2	1
2920	Syntheses and crystal structures of solvate complexes of alkaline earth and lanthanoid metal iodides with N,N-dimethylformamide. Zeitschrift Fur Kristallographie - Crystalline Materials, 2020, 235, 401-411.	0.4	4
2921	Europium(III) Complex-Functionalized SiO2@mTiO2 Nanospheres for Al3+-Modulated Multicolor Emission. Nanomaterials, 2021, 11, 2886.	1.9	1
2922	Chemical Functionalization of 2D Black Phosphorus toward Its Applications in Energy Devices and Catalysis: A Review. Energy Technology, 2021, 9, 2100581.	1.8	12
2923	Detection of Subâ€Terahertz Raman Response and Nonlinear Optical Effects for Luminescent Yb(III) Complexes. Advanced Optical Materials, 2022, 10, 2101721.	3.6	17
2924	Design of Magnetic-Luminescent Nanoplatforms: Applications in Theranostics and Drug Delivery. Nanomedicine and Nanotoxicology, 2020, , 287-315.	0.1	1
2925	Structure-Dependent Photoluminescence of Europium(III) Coordination Oligomeric Silsesquioxane: Synthesis and Mechanism. ACS Omega, 2021, 6, 227-238.	1.6	4
2926	Complexation Reactions between N,Nâ€‰'-Diethyl-N,Nâ€‰'-Difluorophenyl-2,2'-Bipyridyl-6,6-Dicarboxamides with Europium in Ethanol: Spectrophotometric and Isothermal Titration Calorimetry Studies. Russian Journal of Physical Chemistry A, 2020, 94, 2674-2678.	0.1	1
2927	Rare-Earth-Doped Ceramic Nanoparticles for Transparency in the Biomedical Field. , 2021, , 109-136.		0
2928	NIR luminescent detection of quercetin based on an octanuclear Zn(<scp>ii</scp>)â€“Nd(<scp>iii</scp>) salen nanocluster. RSC Advances, 2021, 11, 35893-35897.	1.7	1
2929	Studies on preparation, crystal structure, thermal properties and fluorescence properties of rare earth complexes composed of 2-chloro-4-fluorobenzoic acid and 2,2':6â€²,2â€³-terpyridine. Journal of Solid State Chemistry, 2022, 305, 122633.	1.4	7
2930	Rare earth-based materials for bone regeneration: Breakthroughs and advantages. Coordination Chemistry Reviews, 2022, 450, 214236.	9.5	23
2931	Photosensitization in highly luminescent nonmacrocyclic Samarium(III) complexes for application in light-emitting systems. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 424, 113627.	2.0	21
2932	Preparation and Structures of Rare Earth 3-Benzoylpropanoates and 3-Phenylpropanoates. Australian Journal of Chemistry, 2020, 73, 1250.	0.5	1
2933	Improving the emission quantum yield in dinuclear Eu(III) and Tb(III) complexes with 2-fluorobenzoate.. New Journal of Chemistry, 0, , .	1.4	1
2934	Construction and Application of Lanthanide Luminescent Materials Based on Macrocycles. , 2020, , 1369-1391.		0
2935	Small Luminescent Associates Based on Inorganic Atoms and Ions. , 2020, , 237-266.		0
2936	Circularly Polarized Luminescence of Chirally Arranged Achiral Organic Luminophores by Covalent and Supramolecular Methods. , 2020, , 197-218.		2

#	Article	IF	Citations
2937	Smart Luminescent Nanocomposites. , 2020, , 401-438.		0
2938	Synthesis of PMMA-HoVO4 nanocomposites by emulsifier-free emulsion polymerization: radical effects. Materials Science-Poland, 2020, 38, 143-150.	0.4	0
2939	Coordination-Assembly of Lanthanide Supramolecular Hydrogels with Luminescent Multi-stimulus Response. Inorganic Chemistry, 2021, 60, 18192-18198.	1.9	4
2940	Design and Properties of Fluorescence Reporters. , 2009, , 119-196.		1
2941	AN INVESTIGATION OF SPIN-ORBIT COUPLING OF [Eu(NO3)3 (2 pb)2]â^™CH3COCH3 COMPLEX. EskiÅŸehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, 0, , .	0.4	0
2942	Terbium Excitation Spectroscopy as a Detection Method for Chromatographic Separation of Lanthanide-Binding Biomolecules. ACS Omega, 2020, 5, 27050-27056.	1.6	1
2944	Synthesis, structure, phase controlled colour tuning of dinuclear Pr(III) and Tb(III) complexes with fluorinated Î²-diketone and heterocyclic Lewis base as UV light converters. Polyhedron, 2022, 212, 115592.	1.0	8
2945	Luminescence behavior of PMMA films doped with Tb(III) and Eu(III) complexes. Journal of Luminescence, 2022, 242, 118609.	1.5	10
2946	Environmentally benign rare earth pigments: effect of calcium dopant and tuning of bandgaps for different color hues. Pigment and Resin Technology, 2021, ahead-of-print, .	0.5	0
2947	Effect of the Nature of Substituents in the Oxyacridine Ligands on the Luminescence Properties and Cytotoxicity of the Zinc Complexes. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2021, 47, 730-740.	0.3	1
2948	Luminescent Complexes of Europium (III) with 2-(Phenylethynyl)-1,10-phenanthroline: The Role of the Counterions. Molecules, 2021, 26, 7272.	1.7	4
2949	Effect of electrical poling on the structural, dielectric and photoluminescence properties of small concentration of Ho+3 substituted NBT. Journal of Physics: Conference Series, 2021, 2070, 012016.	0.3	0
2950	The multifunctional BODIPY@Eu-MOF nanosheets as bioimaging platform: A ratiometric fluorescencent sensor for highly efficient detection of F-, H2O2 and glucose. Sensors and Actuators B: Chemical, 2022, 354, 131140.	4.0	21
2951	Metal-organic frameworks constructed from trivalent lanthanide nodes (Eu3+, Tb3+, and Dy3+) and thiophenethio-functionalized linker with photoluminescent response selective towards Ag+ ions. Dyes and Pigments, 2022, 198, 109999.	2.0	10
2952	Tm³⁺ heavily doped NIR-III bioprobe with 1 Âµm Stokes shift towards deep-tissue applications. Optics Express, 2021, 29, 42674.	1.7	3
2953	Anion binding to a cationic europium(<scp>iii</scp>) probe enables the first real-time assay of heparan sulfotransferase activity. Organic and Biomolecular Chemistry, 2022, 20, 596-605.	1.5	5
2954	Chapter 3. Imaging Applications of Inorganic Nanomaterials. Inorganic Materials Series, 2021, , 127-193.	0.5	0
2955	Hexagonal-phase NaREF₄ upconversion nanocrystals: the matter of crystal structure. Nanoscale, 2021, 13, 19771-19782.	2.8	10

#	Article	IF	Citations
2956	Study on the mechanism of tunable ferromagnetic composites with different rare earth ions. RSC Advances, 2021, 11, 37246-37253.	1.7	3
2957	Bright red emission with high color purity from Eu(<scp>iii</scp>) complexes with Ï€-conjugated polycyclic aromatic ligands and their sensing applications. RSC Advances, 2021, 12, 810-821.	1.7	17
2958	Understanding the Shell Passivation in Ln³⁺â€Doped Luminescent Nanocrystals. Small Structures, 2022, 3, .	6.9	10
2959	Two dimensional nanosheets as immunoregulator improve HIV vaccine efficacy. Chemical Science, 2021, 13, 178-187.	3.7	4
2960	Development of Y2O3:Eu3+ materials doped with variable Gd3+ content and characterization of their photoluminescence properties under UV excitation. Materials Chemistry and Physics, 2022, 277, 125498.	2.0	5
2961	Multifunctionality of lanthanide-based luminescent hybrid materials. Coordination Chemistry Reviews, 2022, 455, 214365.	9.5	28
2962	Fluorescent sensing of water in DMSO by 2,4-dinitrophenyl hydrazine derived Schiff base. Journal of Molecular Structure, 2022, 1251, 132086.	1.8	9
2963	Effect of ligands PPIA and TOPO on radiative behaviour of Eu3+ ions in sol-gel silica matrix. Journal of Luminescence, 2022, 244, 118677.	1.5	3
2964	Deep-blue emitting cerium(<scp>iii</scp>) complexes with tris(pyrazolyl)borate and triflate ligands. Dalton Transactions, 2022, 51, 3234-3240.	1.6	3
2965	Electrochemical photoluminescence modulation of functional materials and their electrochemical devices. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2022, 50, 100486.	5.6	14
2966	Application of Samarium- and Terbium-Sensitized Luminescence via a Multivariate-Based Approach for the Determination of Orbifloxacin. Journal of Chemistry, 2022, 2022, 1-12.	0.9	1
2967	Luminescence of lanthanide complexes: From fundamental to prospective approaches related to water- and molecular-stimuli. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2022, 50, 100484.	5.6	47
2968	Chiral Dinuclear Eu III , Tb III , and Y III Complexes Supported by P â€Stereogenic Linear Tetraphosphine Tetraoxide. Chemistry - A European Journal, 2022, 28, .	1.7	3
2969	One-step covalent hydrophobic/hydrophilic functionalization of chemically exfoliated molybdenum disulfide nanosheets with RAFT derived polymers. Chemical Communications, 2022, 58, 795-798.	2.2	3
2970	Rare earth cerate (Re2Ce2O7) ceramic nanomaterials. , 2022, , 47-75.		1
2971	Lanthanide Complexes with 4,4â€²â€Bis(2â€sulfonatostyryl)â€biphenyl: Crystal Structures and Luminescence Properties. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	1
2972	Regulatable Detection of Antibiotics Based on a Near-IR-Luminescent Tubelike Zn(II)â€“Yb(III) Nanocluster. Inorganic Chemistry, 2022, 61, 1011-1017.	1.9	6
2973	What are upconversion nanophosphors: Basic concepts and mechanisms. , 2022, , 19-48.		0

#	Article	IF	Citations
2974	Unearth the Luminescence Potential of Metalâ€“Organic Frameworks: Adopting a Feasible Strategy to Fabricate One Ratiometric Fluorescence Sensor for Monitoring Both 1-Hydroxypyrene and Cu²⁺. Inorganic Chemistry, 2022, 61, 1349-1359.	1.9	17
2975	Upconversion nanoparticles forÂsensing applications. , 2022, , 311-336.		2
2976	Large polarization of pushâ€“pull â€œCruciformsâ€viacoordination with lanthanide ions. New Journal of Chemistry, 2021, 46, 221-227.	1.4	5
2977	Sensitized Lanthanide Photoluminescence Based Sensorsâ€“a Review. Helvetica Chimica Acta, 2022, 105, .	1.0	10
2978	NIR-to-NIR and NIR-to-Vis up-conversion of SrF₂:Ho³⁺ nanoparticles under 1156 nm excitation. Methods and Applications in Fluorescence, 2022, 10, 024001.	1.1	7
2979	Luminescent magnets: hybrid supraparticles of a lanthanide-based MOF and ferromagnetic iron oxide by assembly in a droplet via spray-drying. Journal of Materials Chemistry C, 2022, 10, 1017-1028.	2.7	10
2980	Luminescent Î²-diketonate coordinated europium(III) sensor for rapid and sensitive detection of Bacillus Anthracis biomarker. Journal of Luminescence, 2022, 244, 118726.	1.5	5
2981	808-nm-light-excited high sensitivity ratiometric NIR nanothermometer via phonon assisted positive and negative thermal quenching effect. Optics Communications, 2022, 510, 127935.	1.0	1
2982	A diamond-like cuprous coordination polymer based on the [Cu₈I₆]²⁺ cluster with multistimuli-responsive luminescence and iodine adsorption behavior. Journal of Materials Chemistry C, 2022, 10, 3901-3907.	2.7	7
2983	Luminescence enrichment in perovskite-lanthanide composites: Complexity and complementarity. Fundamental Theories of Physics, 2022, , 1-29.	0.1	1
2984	Coordination-Directed Self-Assembly of Functional Polynuclear Lanthanide Supramolecular Architectures. Chemical Reviews, 2022, 122, 6374-6458.	23.0	109
2985	Synthesis, Characterization, and DFT studies of Praseodymium (III) Octanoylâ€ÐLâ€aminocarboxylate Complexes. ChemistrySelect, 2022, 7, .	0.7	1
2986	Magnetic and Luminescence Properties of 8-Coordinate Holmium(III) Complexes Containing 4,4,4-Trifluoro-1-Phenyl- and 1-(Naphthalen-2-yl)-1,3-Butanedionates. Molecules, 2022, 27, 1129.	1.7	3
2987	Isolation and Investigation of Natural Rare Earth Metal Chelating Agents From Calothrix brevissima - A Step Towards Unraveling the Mechanisms of Metal Biosorption. Frontiers in Bioengineering and Biotechnology, 2022, 10, 833122.	2.0	9
2988	Circularly polarized luminescence in chiral materials. Matter, 2022, 5, 837-875.	5.0	100
2989	Tough and rapidly stimuli-responsive luminescent hydrogels for multi-dimensional information encryption and storage. Polymer, 2022, 243, 124621.	1.8	10
2990	Carbazole-functionalized dipicolinato LnIII complexes show two-photon excitation and viscosity-sensitive metal-centered emission. Journal of Luminescence, 2022, 245, 118768.	1.5	1
2991	Rationalizing the Thermal Response of Dualâ€Center Molecular Thermometers: The Example of an Eu/Tb Coordination Complex. Advanced Optical Materials, 2022, 10, .	3.6	39

#	Article	IF	Citations
2992	Designing Next Generation of Persistent Luminescence: Recent Advances in Uniform Persistent Luminescence Nanoparticles. Advanced Materials, 2022, 34, e2107962.	11.1	71
2993	Synthesis and optical spectroscopy of Na₃Y(VO₄)₂:Eu³⁺ phosphors for thermometry and display applications. RSC Advances, 2022, 12, 7529-7539.	1.7	18
2994	Synthesis of lanthanide chalcogenide nanoparticles. , 2022, , 219-243.		3
2995	Room temperature doping of Ln³⁺ in perovskite nanoparticles: a halide exchange mediated cation exchange approach. Nanoscale, 2022, 14, 6037-6051.	2.8	9
2996	Mesoporous silica nanoparticle-embedded lanthanide organic polyhedra for enhanced stability, luminescence and cell imaging. Dalton Transactions, 2022, 51, 4836-4842.	1.6	5
2997	Lanthanides for the new generation of optical sensing and Internet of Things. Fundamental Theories of Physics, 2022, , 31-128.	0.1	9
2998	Enhanced photoluminescence of hollow CaWO₄ microspheres: the fast fabrication, structural manipulation, and exploration of the growth mechanism. Materials Chemistry Frontiers, 2022, 6, 1046-1055.	3.2	4
2999	Facile Preparation of Water Soluble Rare Earth. SSRN Electronic Journal, 0, , .	0.4	0
3000	Organicâ€“inorganic one-dimensional hybrid aggregates constructed from aromatic-bisphosphonate-functionalized polyoxomolybdates. Dalton Transactions, 2022, , .	1.6	4
3001	Facile Preparation of Water Soluble Rare Earth Nanocrystals and its Application as Fluorescence Imaging Sensitizer. SSRN Electronic Journal, 0, , .	0.4	0
3002	A Self-Assembly Lanthanide Nanoparticle for Ratiometric Fluorescence Determination of Alkaline Phosphatase Activity. SSRN Electronic Journal, 0, , .	0.4	0
3003	Luminescent Dimeric Oxalate-Bridged Eu³⁺/Tb³⁺-Implanted Arsenotungstates: Tunable Emission, Energy Transfer, and Detection of Ba²⁺ Ion in Aqueous Solution. Inorganic Chemistry, 2022, 61, 3387-3395.	1.9	20
3004	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN)₂]^{â˜’}}_n Moieties Generated in dâ€“f Heterometallic Assemblies. Angewandte Chemie, 2022, 134, .	1.6	5
3005	A_{rel}: Investigating [Eu(H₂O)₉]³⁺ Photophysics and Creating a Method to Bypass Luminescence Quantum Yield Determinations. Journal of Physical Chemistry Letters, 2022, 13, 3096-3104.	2.1	15
3006	Ligand-to-ligand charge transfer state in lanthanide complexes containing Ï€-bonded antenna ligands. Mendeleev Communications, 2022, 32, 198-201.	0.6	4
3007	Crystallisation of phosphates revisited: aÂmulti-step formation process for SrHPO₄. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, 77, 263-272.	0.3	3
3008	Dual-Labelling Strategies for Nuclear and Fluorescence Molecular Imaging: Current Status and Future Perspectives. Pharmaceuticals, 2022, 15, 432.	1.7	7
3009	Access to Î²-Alkylated Î³-Functionalized Ketones via Conjugate Additions to Arylideneisoxazol-5-ones and Mo(CO)₆-Mediated Reductive Cascade Reactions. ACS Omega, 2022, 7, 8808-8818.	1.6	9

#	Article	IF	Citations
3010	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN)₂]^{â^'}}_n Moieties Generated in dâ€“f Heterometallic Assemblies. Angewandte Chemie - International Edition, 2022, 61, e202201265.	7.2	7
3011	Selective detection of iron (III) using salicylic acid capped Tb3+-doped CaF2 colloidal nanoparticles. Journal of the Indian Chemical Society, 2022, , 100452.	1.3	0
3012	Influence of Î²-diketone structure on optical properties of formed by Eu(III) adducts photostable transparent films with effective luminescence. Dyes and Pigments, 2022, 201, 110233.	2.0	9
3013	Gamma radiation-induced photoluminescence in calcium phosphate glass and inhibiting effect from copper. Optical Materials, 2022, 127, 112262.	1.7	8
3014	The role of the Eu3+ 7F1 level in the direct sensitization of the 5D0 emitting level through intramolecular energy transfer. Journal of Luminescence, 2022, 247, 118862.	1.5	9
3015	Exploitation of a Half-Conjugate Polydentate Salamoâ€“Salen Hybrid Ligand and Its Two Phenoxide-Bridged Heterohexanuclear 3dâ€“s Double-Helical Cluster Complexes. Inorganic Chemistry, 2022, 61, 1018-1030.	1.9	80
3016	Synthesis, Structures, and Properties of a Series of Isostructural Lanthanideâ€Thiopheneacrylate Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	1
3017	Complexation Behavior of Pineneâ€“Bipyridine Ligands towards Lanthanides: The Influence of the Carboxylic Arm. Chemistry, 2022, 4, 18-30.	0.9	1
3018	Rational Design of Surface-State Controlled Multicolor Cross-Linked Carbon Dots with Distinct Photoluminescence and Cellular Uptake Properties. ACS Applied Materials & Interfaces, 2021, 13, 59747-59760.	4.0	13
3019	Long-lived, near-IR emission from Cr(<scp>iii</scp>) under ambient conditions. Chemical Communications, 2022, 58, 5733-5736.	2.2	14
3020	Functionalization of Luminescent Lanthanide Complexes for Biomedical Applications. SSRN Electronic Journal, 0, , .	0.4	0
3021	Functionalization of Luminescent Lanthanide Complexes for Biomedical Applications. SSRN Electronic Journal, 0, , .	0.4	0
3022	Employing three-blade propeller lanthanide complexes as molecular luminescent thermometers: study of temperature sensing through a concerted experimental/theory approach. Journal of Materials Chemistry C, 2022, 10, 7176-7188.	2.7	25
3024	Sensitization of Nd³⁺ Luminescence by Simultaneous Two-Photon Excitation through a Coordinating Polymethinic Antenna. Journal of Physical Chemistry A, 2022, 126, 2498-2510.	1.1	5
3032	Migrating photon avalanche in different emitters at the nanoscale enables 46th-order optical nonlinearity. Nature Nanotechnology, 2022, 17, 524-530.	15.6	63
3033	A general and stereoselective approach to 14-membered cyclic bis-semicarbazones involving BF₃-catalyzed amidoalkylation of 2-(trimethylsilyloxy)propene. Organic and Biomolecular Chemistry, 2022, 20, 4569-4588.	1.5	4
3034	On the Experimental Determination of 4fâ€“4f Intensity Parameters from the Emission Spectra of Europium (III) Compounds. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2022, 130, 10-17.	0.2	5
3035	Recent Advances in Lanthanide-Coordinated Polyoxometalates: From Structural Overview to Functional Materials. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
3036	Lanthanide Complexes Containing a Terminal Lnâ•Ọ Oxo Bond: Revealing Higher Stability of Tetravalent Praseodymium versus Terbium. Inorganic Chemistry, 2022, 61, 7075-7087.	1.9	2
3037	Study of the complexation reaction between subtituted 6,6â€²-bis(diphenylphosphinoyl)-2,2â€²-bipyridyls and lanthanum ions. , 2022, , .		0
3038	LFDFTâ€"A Practical Tool for Coordination Chemistry. Computation, 2022, 10, 70.	1.0	3
3039	The Role of a Confined Space on the Reactivity and Emission Properties of Copper(I) Clusters. Frontiers in Chemistry, 2022, 10, .	1.8	0
3040	Eu(II)-MOF as NIR probe for highly efficient instantaneous anodic electroluminescence realized environmental pollutant trace monitoring. Chemical Engineering Journal, 2022, 446, 136912.	6.6	11
3041	Multifunctional and Transformative Metaphotonics with Emerging Materials. Chemical Reviews, 2022, 122, 15414-15449.	23.0	23
3042	Photophysical investigations of red light emanating Eu(III) complexes with dioxoester functionalized ligand for optoelectronic applications. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 431, 114003.	2.0	3
3043	Lanthanide based inorganic phosphates and biological nucleotides sensor. Coordination Chemistry Reviews, 2022, 466, 214583.	9.5	12
3044	Design of Fluorescent Hybrid Materials Based on POSS for Sensing Applications. Molecules, 2022, 27, 3137.	1.7	5
3045	Lanthanide coordination polymers functionalized by 5-nitroisophthalic acid: Synthesis, structure-DFT correlation and photoluminescent sensor of Cd2+ ion. Journal of Solid State Chemistry, 2022, 312, 123229.	1.4	5
3046	Judd-Ofelt, optical and photophysical analysis of Î²-ketocarboxylate Sm(III) complexes with N-donor aromatic system as secondary sensitizers. Optical Materials, 2022, 128, 112463.	1.7	13
3047	Delicate, a study of the structural changes in ten-coordinated La(<scp>iii</scp>), Ce(<scp>iii</scp>), Pr(<scp>iii</scp>), Nd(<scp>iii</scp>), Sm(<scp>iii</scp>) and Eu(<scp>iii</scp>) sulfates. Dalton Transactions, 2022, 51, 8964-8974.	1.6	6
3048	Modulating the photophysical properties of high emission Europium complexes and their processability. Journal of Luminescence, 2022, 248, 119007.	1.5	2
3049	A high-nuclearity Cd(<scp>ii</scp>)â€"Nd(<scp>iii</scp>) nanocage for the rapid ratiometric fluorescent detection of quercetin. CrystEngComm, 2022, 24, 4534-4539.	1.3	2
3050	Construction of a Cd₈Tb₄ nanoring for luminescence response to 2,6-dipicolinic acid as an anthrax biomarker. CrystEngComm, 2022, 24, 4361-4365.	1.3	1
3051	A Raman optical activity spectrometer can sensitively detect lanthanide circularly polarized luminescence. Physical Chemistry Chemical Physics, 2022, 24, 15672-15686.	1.3	2
3052	Development of Nd (III)-Based Terahertz Absorbers Revealing Temperature Dependent Near-Infrared Luminescence. International Journal of Molecular Sciences, 2022, 23, 6051.	1.8	5
3053	Synthesis, Structures, and Properties of the Zn(II), Cu(II), Co(II), and Ni(II) Bis(chelate) Complexes Based on 2,4,9,11-Tetra-tert-butylbenzo[5,6][1,4]oxazino[2,3-b]phenoxazin-1-ol. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2022, 48, 261-269.	0.3	0

#	Article	IF	Citations
3054	A self-assembly lanthanide nanoparticle for ratiometric fluorescence determination of alkaline phosphatase activity. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 432, 114054.	2.0	7
3057	Sequence-controlled heterolayered lanthanide-complex dendritic architectures constructed from modular Ln-DOTA derivatives. Cell Reports Physical Science, 2022, 3, 100950.	2.8	1
3058	Luminescent Lanthanide Probes for Inorganic and Organic Phosphates. Chemistry - an Asian Journal, 2022, 17, .	1.7	5
3059	Recent Progress in Smart Polymeric Gelâ€Based Information Storage for Antiâ€Counterfeiting. Advanced Materials, 2022, 34, .	11.1	122
3060	Recent Progress in Lanthanide-Doped Inorganic Perovskite Nanocrystals and Nanoheterostructures: A Future Vision of Bioimaging. Nanomaterials, 2022, 12, 2130.	1.9	8
3061	Energy transfer mechanism and new ratiometric thermometry strategy by the blue and yellow emissions of Dy. Ceramics International, 2022, 48, 29838-29846.	2.3	7
3062	Blue LEDâ€Pumped Broadband Shortâ€Wave Infrared Emitter Based on LiMgPO₄:Cr³⁺,Ni²⁺ Phosphor. Advanced Materials Technologies, 2022, 7, .	3.0	29
3063	A NIR luminescent â€œtetra-deckerâ€•Nd(III) salen nanocluster for rapid ratiometric fluorescence detection of quercetin. Journal of Luminescence, 2022, 250, 119067.	1.5	0
3064	Fluorescent hydrogel actuators with simultaneous morphing- and color/brightness-changes enabled by light-activated 3D printing. Chemical Engineering Journal, 2022, 447, 137492.	6.6	19
3065	Highly sensitive detection of dopamine based on gold nanoflowers enhanced-Tb(III) fluorescence. Talanta, 2022, 249, 123700.	2.9	11
3066	Lanthanide porphyrinoids as molecular theranostics. Chemical Society Reviews, 2022, 51, 6177-6209.	18.7	34
3067	Upconversion in a dâ€“f [RuYb₃] Supramolecular Assembly. Journal of the American Chemical Society, 2022, 144, 13356-13365.	6.6	16
3068	Preparation of photonic molecular trains via soft-crystal polymerization of lanthanide complexes. Nature Communications, 2022, 13, .	5.8	7
3069	Lanthanide complexes (GdIII and EuIII) based on a DOTAâ€TEMPO platform for redox monitoring via relaxivity. Chemistry - an Asian Journal, 0, , .	1.7	3
3070	Phase Control in the Modulated Selfâ€Assembly of Lanthanide MOFs of a Flexible Tetratopic Bisâ€Amide Linker. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	0
3071	Magnetic and Luminescence Properties of 8-Coordinated Pyridyl Adducts of Samarium(III) Complexes Containing 4,4,4-Trifluoro-1-(naphthalen-2-yl)-1,3-butanedionate. Magnetochemistry, 2022, 8, 72.	1.0	3
3072	Effective Photosensitization in Excitedâ€State Equilibrium: Brilliant Luminescence of Tb^{III} Coordination Polymers Through Ancillary Ligand Modifications. ChemPlusChem, 2022, 87, .	1.3	3
3073	Crystal structure, fluorescence properties and biological activity of three Âµ2-O bridged Ln2 (Ln = Sm,) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	2

#	Article	IF	Citations
3074	Microporous metal-organic frameworks based on deep eutectic solvents for adsorption of toxic gases and volatile organic compounds: A review. Chemical Engineering Journal Advances, 2022, 12, 100361.	2.4	11
3075	Investigation of Intermetallic Energy Transfers in Lanthanide Coordination Polymers Molecular Alloys: Case Study of Trimesate-Based Compounds. Inorganic Chemistry, 2022, 61, 11897-11915.	1.9	6
3076	Seven Europium(III) Complexes in Solution â€“ The Importance of Reporting Data When Investigating Luminescence Spectra and Electronic Structure. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	6
3077	Sensitized ligand narrow-band phosphorescence for high-efficiency solution-processed OLEDs. Science China Chemistry, 2022, 65, 1559-1568.	4.2	9
3078	Magenta-Blue Electrofluorochromic Device Incorporating Eu(III) Complex, Anthracene Derivative, and Viologen Molecule. Materials, 2022, 15, 5202.	1.3	3
3079	Optical Multisensor System Based on Lanthanide(III) Complexes as Near-Infrared Light Sources for Analysis of Milk. Chemosensors, 2022, 10, 288.	1.8	2
3080	Luminescent Lanthanide Metal Organic Frameworks (LnMOFs): A Versatile Platform towards Organomolecule Sensing. Coordination Chemistry Reviews, 2022, 470, 214707.	9.5	69
3081	Polymorphism from a 1:1 Ln (Iii):Btb Reaction Pot: Solvothermal Versus Sonochemical Synthesis of Ln-Mofs. SSRN Electronic Journal, 0, , .	0.4	0
3082	Systematic tuning of the emission colors and redox potential of Eu(<scp>ii</scp>)-containing cryptates by changing the N/O ratio of cryptands. Inorganic Chemistry Frontiers, 0, , .	3.0	6
3083	Excitation orthogonalized upconversion nanoprobe for instant visual detection of trinitrotoluene. Nano Research, 2023, 16, 1491-1499.	5.8	2
3084	Mixed-Metal and Mixed-Ligand Lanthanide Metalâ€“Organic Frameworks Based on 2,6-Naphthalenedicarboxylate: Thermally Activated Sensitization and White-Light Emission. Inorganic Chemistry, 2022, 61, 11959-11972.	1.9	4
3085	Elucidation of LMCT Excited States for Lanthanoid Complexes: A Theoretical and Solid-State Experimental Framework. Inorganic Chemistry, 2022, 61, 14004-14018.	1.9	6
3086	Fluorescence-based measurement of the Lewis acidities of lanthanide triflates in solution. Canadian Journal of Chemistry, 2023, 101, 146-153.	0.6	6
3087	The pathways of electronic excitation back energy transfer processes (BET) in novel Eu3+ heterocyclic 1,3-diketonates bearing a perfluorinated moiety. Journal of Luminescence, 2022, 251, 119235.	1.5	8
3088	Incoherent broadband mid-infrared detection with lanthanide nanotransducers. Nature Photonics, 2022, 16, 712-717.	15.6	16
3089	Complexes of Ce(III) and Bis(pyrazolyl)borate Ligands: Synthesis, Structures, and Luminescence Properties. Inorganic Chemistry, 2022, 61, 14164-14172.	1.9	4
3090	Photophysical Properties and Singleâ€Molecule Magnet Behavior in Heterobimetallic 3d4â€‰f Schiff Base Complexes. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	6
3091	Exploiting the Unique Properties of Lanthanide Complexes as FRET Probes: from Quantitation to Protein Dynamics. Analysis & Sensing, 2023, 3, .	1.1	1

#	Article	IF	Citations
3092	Highly efficient, orange light emanating Sm(III) complexes with furan functionalized ligand for high quality illumination in display devices. Optical Materials, 2022, 132, 112765.	1.7	6
3093	Discrete terpyridine-lanthanide molecular and supramolecular complexes. , 2022, 1, 100017.		1
3094	Tunable Multicolor Fluorescence of Perovskite-Based Composites for Optical Steganography and Light-Emitting Devices. Research, 2022, 2022, .	2.8	3
3095	altimg= si1.svg ><mml:msub><mml:mrow><mml:mi mathvariant= normal >C</mml:mi><mml:mi mathvariant="normal">a</mml:mi></mml:mrow><mml:mrow><mml:mn>9</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Y</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi mathvariant="normal">x</mml:mi><mml:mo>â^'</mml:mo><mml:mi mathvariant="normal">y</mml:mi></mml:mrow></mml:msub></mml:mrow>. Optical Materi	1.7	6
3096	Erbium ion implantation into LiNbO₃, Al₂O₃, ZnO and diamond â€“ measurement and modelling â€“ an overview. Physical Chemistry Chemical Physics, 2022, 24, 19052-19072.	1.3	2
3097	Subcomponent self-assembly of circular helical Dy6(L)6 and bipyramid Dy12(L)8 architectures directed via second-order template effects. Chemical Science, 2022, 13, 10048-10056.	3.7	18
3098	Construction of a luminescent eleven-metal Zn(<scp>ii</scp>)â€“Tb(<scp>iii</scp>) nanocluster for rapid and quantitative time-gated detection of guanosine-5-monophosphate and RNA. CrystEngComm, 2022, 24, 6527-6533.	1.3	0
3099	Lanthanide-doped upconversion nanomaterials. , 2022, , .		0
3100	Unravelling the benefits of transition-metal-co-doping in lanthanide upconversion nanoparticles. Chemical Society Reviews, 2022, 51, 6893-6908.	18.7	25
3101	A luminescent terbium(<scp>iii</scp>) probe as an efficient â€˜Turn-ONâ€™ sensor for dipicolinic acid, a Bacillus Anthracis biomarker. New Journal of Chemistry, 2022, 46, 18285-18294.	1.4	1
3102	Pentagram-type Ln₁₅ (Ln = Dy, Tb, Eu, Sm, Ho) clusters with different anion templates: magnetic and luminescence properties. Dalton Transactions, 2022, 51, 16383-16388.	1.6	3
3103	Dye-sensitized lanthanide containing nanoparticles for luminescence based applications. Nanoscale, 2022, 14, 13915-13949.	2.8	11
3104	Three Types of Lanthanide-Containing Polyoxoniobates and Their Luminescence Properties. Inorganic Chemistry, 2022, 61, 12181-12189.	1.9	1
3105	High Temperature Behavior of Oxide Systems Containing Rare Earth Elements. Theoretical Foundations of Chemical Engineering, 2022, 56, 600-608.	0.2	1
3106	Micellar Effect on Hypersensitive Transitions of Holmium (III) Complexes with Few Indole Derivatives: Doped System Study. Oriental Journal of Chemistry, 2022, 38, 929-935.	0.1	0
3107	Dual Emission in the Near-Infrared and Visible Regions from a Mixed Cyanido-Bridged Eu^{III}/Nd^{III}(4-OHpy)-Co^{III} Layered Material. Inorganic Chemistry, 0, , .	1.9	1
3108	Structures and Luminescent Properties of Rare-Earth Metalâ€“Organic Framework Series with Thieno[3,2b]thiophene-2,5-dicarboxylate. Crystals, 2022, 12, 1374.	1.0	3
3109	Ratiometric Raman and Luminescent Thermometers Constructed from Dysprosium Thiocyanidometallate Molecular Magnets. Advanced Optical Materials, 2022, 10, .	3.6	10

#	Article	IF	Citations
3110	Anion-Driven Circularly Polarized Luminescence Inversion of Unsymmetrical Europium(III) Complexes for Target Identifiable Sensing. Inorganic Chemistry, 2022, 61, 15108-15115.	1.9	8
3111	High-efficiency solution-processed OLED based on trivalent europium complex by modifying the composition of the multiple-host system. Frontiers in Chemistry, 0, 10, .	1.8	1
3112	Tunable Optical Molecular Thermometers Based on Metallacrowns. Journal of the American Chemical Society, 2022, 144, 18259-18271.	6.6	12
3113	Lanthanide Luminescence and Thermochromic Emission from Soft-Atom Donor Dichalcogenoimidodiphosphinate Ligands. Inorganic Chemistry, 2022, 61, 15547-15557.	1.9	2
3114	Phonon-Mediated Nonradiative Relaxation in Ln³⁺-Doped Luminescent Nanocrystals. , 2022, 4, 1882-1903.		6
3115	Next generation lanthanide doped nanoscintillators and photon converters. ELight, 2022, 2, .	11.9	44
3117	Dynamics of the Energy Transfer Process in Eu(III) Complexes Containing Polydentate Ligands Based on Pyridine, Quinoline, and Isoquinoline as Chromophoric Antennae. Inorganic Chemistry, 2022, 61, 16333-16346.	1.9	15
3118	A multifunctional â€œoffâ€“onâ€•fluorescence probe for Al3+, Zn2+ and La3+ detection and cellular imaging applications. Journal of the Iranian Chemical Society, 2023, 20, 361-369.	1.2	5
3119	A high-nuclearity Cd(II)-Tb(III) nanocage for the rapid and quantitative time-resolved luminescence detection of guanosine-5-monophoshpate and RNA. Inorganica Chimica Acta, 2023, 544, 121237.	1.2	0
3120	Aggregationâ€Induced Emission and Singleâ€Molecule Magnet Behavior of TPEâ€Based Ln(III) Complexes. Chemistry - an Asian Journal, 2022, 17, .	1.7	2
3121	Novel versatile europium and terbium complexes as bioprobes and anticancer agents. New Journal of Chemistry, 2022, 46, 21311-21323.	1.4	1
3122	A layered hybrid rare-earth double perovskite with two continuous reversible phase transitions induced by unusual two driving gears of fan-like rotation movements. CrystEngComm, 2022, 24, 8496-8502.	1.3	1
3123	Organocatalytic enantioselective Mannich reaction of isoxazol-5(4H)-ones to isatin-derived ketimines. Organic and Biomolecular Chemistry, 2022, 20, 8395-8399.	1.5	4
3124	Lanthanide-calixarene complexes and their applications. Fundamental Theories of Physics, 2022, , 1-280.	0.1	0
3125	Europium(III)-Doped Gadolinium(III) Complex for High-Sensitivity Temperature Sensing in the Physiological Range. Materials, 2022, 15, 7501.	1.3	0
3126	Highly Stable Europium(III) Tetrahedral (Eu₄L₄)(phen)₄ Cage: Structure, Luminescence Properties, and Cellular Imaging. Inorganic Chemistry, 2022, 61, 17089-17100.	1.9	2
3127	Photochemical Water Splitting via Transition Metal Oxides. Catalysts, 2022, 12, 1303.	1.6	13
3128	Tough lanthanide luminescent hydrogel for nitroaromatics detection. Journal of Rare Earths, 2024, 42, 293-302.	2.5	4

#	Article	IF	Citations
3129	Luminescent lanthanide-based chemodosimeter for selective detection of G-series nerve agent simulant with multiple reactive sites. Sensors and Actuators B: Chemical, 2023, 375, 132938.	4.0	2
3130	Recent Advances of Anticancer Studies Based on Nanoâ€Fluorescent Metalâ€Organic Frameworks. ChemMedChem, 0, , .	1.6	1
3131	Fluorescent assemblies: Synergistic of amphiphilic molecules and fluorescent elements. Current Opinion in Colloid and Interface Science, 2023, 63, 101657.	3.4	7
3132	Advanced techniques for performing photodynamic therapy in deep-seated tissues. Biomaterials, 2022, 291, 121875.	5.7	35
3133	Ab initio studies on a highly luminescent and oxygen-sensitive Tb(III) complex with a 1,4,7-triazacyclononane-based tris-aryloxide ligand. Journal of Luminescence, 2022, 252, 119421.	1.5	0
3134	Functionalization of luminescent lanthanide complexes for biomedical applications. Coordination Chemistry Reviews, 2023, 474, 214866.	9.5	22
3135	Eu3+/Tb3+ bimetallic complex-doped siloxane-polyether hybrid film for luminescent thermometry. Journal of Luminescence, 2023, 253, 119468.	1.5	3
3136	Recent advances in lanthanide-coordinated polyoxometalates: from structural overview to functional materials. Coordination Chemistry Reviews, 2023, 476, 214914.	9.5	25
3137	Lanthanide-Based Langmuirâ€“Blodgett Multilayers: Multi-Emissive, Temperature-Dependent Thin Films. Chemistry, 2022, 4, 1457-1465.	0.9	1
3138	Influence of Tartrate Ligand Coordination over Luminescence Properties of Chiral Lanthanide-Based Metalâ€“Organic Frameworks. Nanomaterials, 2022, 12, 3999.	1.9	0
3139	Lanthanide(III) Ions and 5-Methylisophthalate Ligand Based Coordination Polymers: An Insight into Their Photoluminescence Emission and Chemosensing for Nitroaromatic Molecules. Nanomaterials, 2022, 12, 3977.	1.9	2
3140	Different Modes of Acid-Promoted Cyclooligomerization of 4-(4-Thiosemicarbazido)butan-2-one Hydrazone: 14-Membered versus 28-Membered Polyazamacrocycle Formation. Journal of Organic Chemistry, 0, , .	1.7	1
3141	Lanthanide Luminescence Thermometry and Slow Magnetic Relaxation in 3-D Polycyanidometallate-Based Materials. Inorganic Chemistry, 2022, 61, 18629-18639.	1.9	6
3142	Polymorphism from a 1:1 Ln:BTB reaction pot: Solvothermal versus sonochemical synthesis of Ln-MOFs. Inorganica Chimica Acta, 2023, 546, 121299.	1.2	1
3143	Frenkel Defect Responsive Upconversion Through Highâ€Energy Radiation. Advanced Optical Materials, 0, , 2202010.	3.6	0
3144	Luminescence, CPL and magnetic properties of 1D enantiopure Ln³⁺complexes with (S-) and (R-) Î±-methoxyphenylacetate ligand. Dalton Transactions, 2023, 52, 1122-1132.	1.6	3
3145	Terbium-modified two-dimensional zirconium-based metalâ€“organic frameworks for photoluminescence detection of nitrite. Molecular Systems Design and Engineering, 2023, 8, 330-340.	1.7	5
3146	Opto-mechano-thermo-sensitive allochroic luminescence based on coupled dual activators in tantalate towards multidimensional stimulus sensing. Inorganic Chemistry Frontiers, 2023, 10, 1225-1237.	3.0	5

#	Article	IF	Citations
3147	Dinuclear mono-bridged or polymeric lanthanide complexes from one ligand: structural transformation and chiral induction. Dalton Transactions, 2022, 52, 37-43.	1.6	2
3148	Slow magnetic relaxation in Nd(<scp>iii</scp>) and Sm(<scp>iii</scp>) complexes formed in three-dimensional lanthanide-dicyanidometallate(<scp>i</scp>) frameworks exhibiting luminescent properties. Journal of Materials Chemistry C, 2023, 11, 1008-1020.	2.7	7
3149	4f â†' 3d sensitization: a luminescent Eu^{II}â€“Mn^{II} heteronuclear complex with a near-unity quantum yield. Materials Horizons, 0, , .	6.4	2
3150	Degradation analysis of highly UV-resistant down-shifting layers for silicon-based PV module applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2023, 288, 116207.	1.7	2
3151	Rare Earth Complexes of Europium(II) and Substituted Bis(pyrazolyl)borates with High Photoluminescence Efficiency. Molecules, 2022, 27, 8053.	1.7	0
3152	Composites Based on Polylactide Doped with Amorphous Europium(III) Complex as Perspective Thermosensitive Luminescent Materials. Inorganics, 2022, 10, 232.	1.2	0
3153	Gold(I)Â·Â·Â·Lanthanide(III) Bonds in Discrete Heterobimetallic Compounds: A Combined Computational and Topological Study. Inorganic Chemistry, 2022, 61, 20308-20315.	1.9	0
3154	Rare-Earth-Metal (Nd3+, Ce3+ and Gd3+)-Doped CaF2: Nanoparticles for Multimodal Imaging in Biomedical Applications. Pharmaceutics, 2022, 14, 2796.	2.0	4
3155	Tuning Nuclearity of Biradical-Ln Functional Compounds with Single-Molecule Magnet Behavior and Near-Infrared Luminescence. Crystal Growth and Design, 2023, 23, 612-619.	1.4	3
3156	Spectroscopic analysis of Dy3+ in alkali-varied zinc barium borate glasses for solid-state lighting devices. Applied Physics A: Materials Science and Processing, 2023, 129, .	1.1	3
3157	A Top-Down Approach and Thermal Characterization of Luminescent Hybrid BPA.DA-MMA@Ln2L3 Materials Based on Lanthanide(III) 1H-Pyrazole-3,5-Dicarboxylates. Materials, 2022, 15, 8826.	1.3	1
3158	Biomedical applications of lanthanide complexes. Materials Today: Proceedings, 2022, , .	0.9	1
3159	Two-Dimensional and Three-Dimensional Coordination Polymers Based on Ln(III) and 2,5-Diiodoterephthalates: Structures and Luminescent Behavior. Inorganics, 2022, 10, 262.	1.2	1
3160	Metal-coordinated nanodrugs based on natural products for cancer theranostics. Chemical Engineering Journal, 2023, 456, 140892.	6.6	9
3161	Tuning Magnetic and Photophysical Properties of Luminomagnetic Metalâ€Organic Framework Composites in an Inverse Coreâ€Satellite Structure. ChemPlusChem, 0, , .	1.3	1
3162	Coordination Compounds of Lanthanides as Materials for Luminescent Turn Off Sensors. , 0, , .		0
3163	Octahedral Molybdenum Iodide Clusters Supported on Graphene for Resistive and Optical Gas Sensing. ACS Applied Materials & Interfaces, 2022, 14, 57122-57132.	4.0	7
3164	Circularly polarized luminescence of lanthanide complexes: From isolated individuals, discrete oligomers, to hierarchical assemblies. InformaÄnÃ-MateriÃ¡ly, 2023, 5, .	8.5	7

#	Article	IF	Citations
3165	Synthesis and luminescence investigation of Ba2V2O7-co-doped Dy3+/Eu3+ phosphors for white light-emitting diode applications. Indian Journal of Physics, 0, , .	0.9	1
3166	Binuclear Lanthanide Complexes Based on 4-Picoline-N-oxide: From Sensitized Luminescence to Single-Molecule Magnet Characteristics. Crystal Growth and Design, 2023, 23, 1084-1094.	1.4	1
3167	Synthesis and luminescent properties of new molecular compounds of divalent lanthanides LnCl2Â·0.5H2O (LnÂ=ÂYb, Sm, Tm, and Eu). Journal of Photochemistry and Photobiology A: Chemistry, 2023, 438, 114559.	2.0	0
3168	Synthesis and photophysical properties of rare earth (La, Nd, Gd, Y, Ho) complexes with silanediamido ligands bearing a chelating phenylbenzothiazole chromophore. New Journal of Chemistry, 2023, 47, 3406-3416.	1.4	4
3169	Construction of anisotropic near-infrared luminescent elastomers via magnetic orientation. Journal of Luminescence, 2023, 257, 119646.	1.5	0
3170	A review of biomolecules conjugated lanthanide up-conversion nanoparticles-based fluorescence probes in food safety and quality monitoring applications. Critical Reviews in Food Science and Nutrition, 0, , 1-31.	5.4	5
3171	White light and colour-tunable emission from a single component europium-1,8-naphthalimide thin film. Dalton Transactions, 2023, 52, 2255-2261.	1.6	3
3172	Structural Insights and Photophysical Screening of Sm (III) Complexes with Heterocyclic Ligand for Optical Applications. Journal of Fluorescence, 2023, 33, 1385-1396.	1.3	1
3173	Luminous lanthanide diketonates: Review on synthesis and optoelectronic characterizations. Inorganica Chimica Acta, 2023, 550, 121406.	1.2	20
3174	Investigation into the development of novel lanthanideâ€based luminescent colorants for application to textiles and paper materials. Coloration Technology, 0, , .	0.7	0
3175	Photonic properties and applications of multi-functional organo-lanthanide complexes: Recent advances. Journal of Rare Earths, 2024, 42, 16-27.	2.5	2
3176	Synthesis of new non-covered and silica-covered Y0.9Tm0.1-xYbxVO4 nanophosphors with emission in the visible and NIR ranges. Journal of Luminescence, 2023, 257, 119708.	1.5	0
3177	Multifunctional upconversion nanocomposite for multi-purpose cancer theranostics. Materials and Design, 2023, 226, 111682.	3.3	3
3178	Light Conversion upon Photoexcitation of NaBiF4:Yb3+/Ho3+/Ce3+ Nanocrystalline Particles. Nanomaterials, 2023, 13, 672.	1.9	0
3179	Synthesis, Structure, and Luminescence of a Molecular Europium Tetracyanoplatinate Incorporating 4,5-Diazafluoren-9-One. Crystals, 2023, 13, 317.	1.0	0
3180	Modulating Narrow-Band Phosphorescence of Pt₂Au₄ Cluster Complexes by Differently Positioned Bis(acetylide)-Naphthalene Linkers. ACS Applied Electronic Materials, 2023, 5, 994-1001.	2.0	3
3181	Crystal structure, fluorescence properties, and biological activity of three Butterfly-shaped Ln4 compounds. Polyhedron, 2023, 234, 116321.	1.0	3
3182	Localization and chemical speciation of europium(III) in Brassica napus plants. Ecotoxicology and Environmental Safety, 2023, 254, 114741.	2.9	1

#	Article	IF	Citations
3183	Lanthanide Double Perovskite Nanocrystals with Emissions Covering the UVâ€€ to NIR Spectral Range. Advanced Optical Materials, 2023, 11, .	3.6	12
3184	Energy absorption and transfer behavior of guest benzoate sensitizers in the interlayer space of Tb3+-doped layered yttrium hydroxide host. Journal of Luminescence, 2023, 258, 119820.	1.5	0
3185	Heptacoordinated lanthanide(III) complexes based on 2,6-bis(1H-benzo[d]imidazol-2-yl)pyridine ligands (bbp, bmbp and bdmbp): Computational calculations, luminescent properties and cytotoxic evaluation.. Journal of Molecular Structure, 2023, 1283, 135345.	1.8	1
3186	Visualizing stimulusâ€responsive dualâ€ligand fluorescent probe for hypochlorite: A novel strategy for real application in tap water. Luminescence, 0, , .	1.5	0
3187	A benzoxazole-based turn-on fluorosensor for rapid and sensitive detection of sarin surrogate, diethylchlorophosphate. Analytica Chimica Acta, 2023, 1255, 341111.	2.6	8
3188	Multiple switchable circularly polarized luminescence from nucleotide/terbium(<scp>iii</scp>) complexes. New Journal of Chemistry, 2023, 47, 4472-4477.	1.4	2
3189	Lanthanide-Doped Inorganic Nanoprobes for Luminescent Assays of Biomarkers. Accounts of Materials Research, 2023, 4, 193-204.	5.9	6
3190	OLED Structure Optimization for Pure and Efficient NIR Electroluminescence of Nd3+ Complexes Bearing Fluorinated 1,3-Diketones. Materials, 2023, 16, 1243.	1.3	2
3191	Single-Crystal Terbium Silicate Chloride Coreâ€“Shell Nanowires and Nanotubes for Monolithically Integrated Optoelectronics. ACS Applied Nano Materials, 2023, 6, 2963-2971.	2.4	0
3192	Metal Template Synthesis of â€˜Brokenâ€™ Aromatic Preorganized Terdentate Hosts for the Recognition of Lanthanide Trisâ€²â€Diketonate Guests. Helvetica Chimica Acta, 2023, 106, .	1.0	6
3193	Nanoporous Sulfonic Covalent Organic Frameworks for Selective Adsorption and Separation of Lanthanide Elements. ACS Applied Nano Materials, 2023, 6, 2498-2506.	2.4	4
3194	Self-Assembly of a Two-Dimensional Coordination Polymer Based on Silver and Lanthanide Tetrakis-Acylpyrazolonates: An Efficient New Strategy for Suppressing Ligand-to-Metal Charge Transfer Quenching of Europium Luminescence. Polymers, 2023, 15, 867.	2.0	2
3195	Strain sensing multi-stimuli responsive light emitting lanthanide-based tough and stretchable hydrogels with tunable luminescence and fast self-recovery using metalâ€“ligand and hydrophobic interactions. New Journal of Chemistry, 2023, 47, 5734-5750.	1.4	4
3196	Quantitative Fluorescent Detection of Ions. , 2023, , 295-328.		0
3197	Rigidified and Hydrophilic DOTA-like Lanthanoid Ligands: Design, Synthesis, and Dynamic Properties. Inorganic Chemistry, 2023, 62, 3776-3787.	1.9	2
3198	A luminescent heterometallic Tbâ€“Al ion-pair complex with a cubic (H₂O)₈-octamer. Journal of Coordination Chemistry, 2023, 76, 424-433.	0.8	0
3199	Impact of chiral ligands on photophysical and electroâ€optical properties of Î²â€diketonate europium complexes in circularly polarized OLEDs. Chirality, 2023, 35, 270-280.	1.3	0
3200	Regulating the luminescence of tetraphenylethene (TPE)-based lanthanide nanoparticles in the presence of organic amines/acids. Journal of Materials Chemistry C, 2023, 11, 4645-4653.	2.7	1

#	Article	IF	Citations
3201	Multimodal Visualization of Bioorthogonal Systems by Offâ€“On Luminescence and Enhanced Magnetic Resonance Imaging. Advanced Optical Materials, 2023, 11, .	3.6	1
3202	Transmembrane transport of fluoride studied by time-resolved emission spectroscopy. Chemical Communications, 2023, 59, 4185-4188.	2.2	4
3203	A Multimodal Ratiometric Luminescent Thermometer Based on a Single-Dysprosium Metalâ€“Organic Framework. Inorganic Chemistry, 2023, 62, 5652-5659.	1.9	7
3204	Maximizing Terbiumâ€“Europium Electronic Interaction: Insight from Variation of Excitation Energy. Journal of Physical Chemistry C, 2023, 127, 6425-6438.	1.5	1
3205	Excitationâ€Wavelengthâ€Dependent Luminescence of Chemically and Physically Mixed Europium and Terbium Phosphonates: Colorâ€Tunable Luminescence, Nearâ€Whiteâ€Light Emission, and Selective Fe³⁺ Detection. Chemistry - A European Journal, 2023, 29, .	1.7	1
3206	Periodic mesoporous organosilica based sensor for broad range mercury detection by simultaneous downshifting/upconversion luminescence. Journal of Materials Chemistry C, 2023, 11, 5634-5645.	2.7	1
3207	Application of TEMPOâ€Oxidized Cellulose Nanofibrils/Lanthanide Hybrid Materials TOCN/Eu(III) as Luminescent Sensor. Macromolecular Chemistry and Physics, 2023, 224, .	1.1	1
3208	Recent progress on lanthanide-based long persistent phosphors: an overview. Journal of Materials Chemistry C, 2023, 11, 8649-8687.	2.7	9
3209	Rapid and quantitative detection of the inflammatory marker neopterin based on a visible luminescent Zn(<scp>ii</scp>)â€“Eu(<scp>iii</scp>) nanocluster. Chemical Communications, 2023, 59, 5435-5438.	2.2	1
3210	Multifunctionality of luminescent molecular nanomagnets based on lanthanide complexes. Chemical Communications, 2023, 59, 5961-5986.	2.2	9
3211	A photoluminescence assay with a portable device for rapid, sensitive and selective detection of europium and terbium. Chemical Science, 2023, 14, 4901-4904.	3.7	1
3212	Electronic Structure of Neodymium(III) and Europium(III) Resolved in Solution Using High-Resolution Optical Spectroscopy and Population Analysis. Journal of Physical Chemistry A, 2023, 127, 3577-3590.	1.1	2
3213	Time-delayed Lanthanide Luminescent Sensors and Probes. , 2023, , 406-429.		0
3214	Development of a Low-Cost, Sensitivity-Optimized Fluorescence Sensor for Visible Spectrum Analysis. IEEE Sensors Journal, 2023, 23, 11574-11581.	2.4	1
3215	Tuning the Thermometric Features in 1D Luminescent Eu^{III} and Tb^{III} Coordination Polymers through Different Bridge Phosphine Oxide Ligands. Inorganic Chemistry, 2023, 62, 6808-6816.	1.9	1
3216	Warm-White-Light Perdeuterated Dy(III) Complex with a Photoluminescence Quantum Yield of up to 72% in Deuterated Chloroform. Inorganic Chemistry, 0, , .	1.9	1
3229	The role of lanthanide luminescence in advancing technology. RSC Advances, 2023, 13, 17787-17811.	1.7	8
3241	Lanthanide molecular cluster-aggregates as the next generation of optical materials. Chemical Science, 2023, 14, 5827-5841.	3.7	16

#	Article	IF	Citations
3243	Luminescent terpyridine-based metallo-supramolecular systems: from design to applications. Science China Chemistry, 2023, 66, 1940-1962.	4.2	5
3267	Lanthanide-based luminescent materials. , 2023, , 323-408.		0
3268	Lanthanide-based molecular magnetic materials. , 2023, , 231-322.		0
3271	U-type Ï€-conjugated phosphorescent ligand sensitized lanthanide metalâ€“organic frameworks for efficient white-light-emitting diodes. Dalton Transactions, 2023, 52, 13872-13877.	1.6	1
3285	Luminescent lanthanide-based single-molecule magnets. Fundamental Theories of Physics, 2023, , 93-173.	0.1	1
3310	Advancing biosensing with photon upconverting nanoparticles. , 2024, , 229-250.		0