

Qianming Wang

List of Publications by Year in descending order

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158
papers

3,324
citations

136740

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214527

47
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159
all docs

159
docs citations

159
times ranked

3423
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural-property correlations of all-inorganic CsPbBr ₃ perovskites via synergetic controls by PbBr ₂ , 2-mercapto-3-methyl-4-thiazoleacetic acid and water. <i>Chemical Engineering Journal</i> , 2022, 428, 131117.	6.6	10
2	Exploration of Sulfur-Containing Nanoparticles: Synthesis, Microstructure Analysis, and Sensing Potential. <i>Inorganic Chemistry</i> , 2022, 61, 4159-4170.	1.9	7
3	Determination of prostate-specific antigen via the assembly of a two-dimensional nanoplatform. <i>Journal of Nanoparticle Research</i> , 2022, 24, 1.	0.8	2
4	Interfacial charge changes induce the responsive behavior of two analytes based on novel carbon nanomaterials. <i>Surfaces and Interfaces</i> , 2022, 32, 102112.	1.5	0
5	Lanthanide Molecular Species Generated Fe ₃ O ₄ @SiO ₂ -TbDPA Nanosphere for the Efficient Determination of Nitrite. <i>Molecules</i> , 2022, 27, 4431.	1.7	3
6	Establishment of a new molecular model for mercury determination verified by single crystal X-ray diffraction, spectroscopic analysis and biological potentials. <i>Chinese Chemical Letters</i> , 2021, 32, 87-91.	4.8	15
7	Single optical sensor to multiple functions: Ratiometric sensing for SO ₃ ²⁻ and dual signal determination for copper (II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119219.	2.0	2
8	Stepwise Assembly Protocols for the Rational Design of Lanthanide Functionalized Carbon Dots-Hydrogel and its Sensing Evaluation. <i>Journal of Fluorescence</i> , 2021, 31, 695-702.	1.3	3
9	Determination of Hypochlorite via Fluorescence Change from Blue to Green Based on 4-(1 β H-imidazo) Tj ETQq1 1 0.784314 1.3 BT /Ov	1.3	3
10	Chemical sensing failed by aggregation-caused quenching? A case study enables liquid/solid two-phase determination of N ₂ H ₄ . <i>Chemical Engineering Journal</i> , 2021, 415, 128975.	6.6	26
11	Composition adjustment verifies structure-property correlation in narrow-band green-emitting Zn ₄ -Mg B ₆ O ₁₃ : Mn ²⁺ phosphor. <i>Journal of Luminescence</i> , 2021, 236, 118101.	1.5	15
12	Surface recognition strategy via ascorbic acid-triggered decomposition of boron nitride-loaded cobalt oxyhydroxide nanosheets. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159625.	2.8	4
13	Equivalent cation substitution-triggered highly efficient Mn ⁴⁺ red emission in double-perovskite type (Ba, Sr) ₂ (Gd, La, Y, Lu)(Nb, Sb)O ₆ :Mn ⁴⁺ solid solution phosphors and photophysical studies. <i>Chemical Engineering Journal</i> , 2021, 424, 130571.	6.6	35
14	Artificial mimics of light-harvesting organic pigment via a double-perovskite structure (LiLa ₂ SbO ₆ :Bi ³⁺ , Mg ²⁺ , Mn ⁴⁺) with single-composition and structure-activity relationship. <i>Journal of Luminescence</i> , 2021, 239, 118351.	1.5	1
15	Extension of Spectral Shift Controls from Equivalent Substitution to an Energy Migration Model Based on Eu ²⁺ /Tb ³⁺ -Activated Ba ₄ Sr _x Gd ₃ Lu _x Na ₃ (PO ₄) ₄ Phosphors. <i>Inorganic Chemistry</i> , 2021, 60, 16507-16517.	1.9	9
16	Realization of an Optical Thermometer via Structural Confinement and Energy Transfer. <i>Inorganic Chemistry</i> , 2021, 60, 19315-19327.	1.9	19
17	Precise control for the aggregation and deaggregation with the aid of a tetraphenylethylene derivative: Luminescence modulation and sensing performance. <i>Dyes and Pigments</i> , 2020, 172, 107844.	2.0	24
18	Signal transduction from small particles: Sulfur nanodots featuring mercury sensing, cell entry mechanism and in vitro tracking performance. <i>Chemical Engineering Journal</i> , 2020, 382, 122907.	6.6	108

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19	Reinforcing effects of waterproof substrate on the photo-, thermal and pH stabilities of perovskite nanocrystals. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152693.	2.8	9
20	A novel self-calibrating strategy for real time monitoring of formaldehyde both in solution and solid phase. <i>Journal of Hazardous Materials</i> , 2020, 386, 121883.	6.5	23
21	Stable Triple Cation Perovskite Precursor for Highly Efficient Perovskite Solar Cells Enabled by Interaction with 18C6 Stabilizer. <i>Advanced Functional Materials</i> , 2020, 30, 1908613.	7.8	65
22	A New Co-Substitution Strategy as a Model to Study a Rare-Earth-Free Spinel-Type Phosphor with Red Emissions and Its Application in Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2020, 59, 433-442.	1.9	22
23	Low molecular weight molecule induces the effective stabilization of CsPbBr ₃ in water. <i>Journal of Molecular Liquids</i> , 2020, 299, 112199.	2.3	6
24	Efficient Energy Transfer from Trap Levels to Eu ³⁺ Leads to Antithermal Quenching Effect in High-Power White Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2020, 59, 15514-15525.	1.9	32
25	Fluorinated interfacial layers in perovskite solar cells: efficient enhancement of the fill factor. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16527-16533.	5.2	17
26	Diverse reactivity to hypochlorite and copper ions based on a novel Schiff base derived from vitamin B6 cofactor. <i>Journal of Molecular Liquids</i> , 2020, 319, 114124.	2.3	15
27	Near-infrared emission tracks inter-individual variability of carboxylesterase-2 via a novel molecular substrate. <i>Mikrochimica Acta</i> , 2020, 187, 313.	2.5	11
28	Carbazole based new organic dye recognizes hydrazine and hydrogen sulfide via signal difference protocols. <i>Dyes and Pigments</i> , 2020, 181, 108545.	2.0	13
29	Rapid conversion from common precursors to carbon dots in large scale: Spectral controls, optical sensing, cellular imaging and LEDs application. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 88-98.	5.0	31
30	Sequential determination of cerium (IV) ion and ascorbic acid via a novel organic framework: A subtle interplay between intramolecular charge transfer (ICT) and aggregated-induced-emission (AIE). <i>Journal of Molecular Liquids</i> , 2020, 304, 112705.	2.3	14
31	Sodium sulfite leads to the formation of fluorescent organic nanoparticles: Regulation from aqueous solution, cellular pathway to security design patterns. <i>Dyes and Pigments</i> , 2020, 176, 108252.	2.0	3
32	Efficient and visual monitoring of cerium (III) ions by green-fluorescent carbon dots and paper-based sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 240-245.	2.0	33
33	2D MnO ₂ nanosheets generated signal transduction with OD carbon quantum dots: synthesis strategy, dual-mode behavior and glucose detection. <i>Nanoscale</i> , 2019, 11, 13058-13068.	2.8	45
34	Solvent-Assisted Low-Temperature Crystallization of SnO ₂ Electron-Transfer Layer for High-Efficiency Planar Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1900557.	7.8	59
35	3D honeycomb NiCo ₂ S ₄ @ Ni(OH) ₂ nanosheets for flexible all-solid-state asymmetric supercapacitors with enhanced specific capacitance. <i>Journal of Alloys and Compounds</i> , 2019, 790, 693-702.	2.8	21
36	Tetracycline Generated Red Luminescence Based on a Novel Lanthanide Functionalized Layered Double Hydroxide Nanoplatform. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3871-3878.	2.4	25

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37	Effective assembly of a novel aluminum-oxynitride BaAl ₁₁ O ₁₆ N activated by Eu ²⁺ and Mn ²⁺ via salt-flux assistance and its photophysical investigation. <i>Journal of Alloys and Compounds</i> , 2019, 787, 96-103.	2.8	17
38	Aggregation-induced-emission (AIE) directed assembly of a novel responsive nanoprobe for dual targets sensing. <i>Materials Science and Engineering C</i> , 2019, 99, 1092-1098.	3.8	12
39	Synergistic regulation of effective detection for hypochlorite based on a dual-mode probe by employing aggregation induced emission (AIE) and intramolecular charge transfer (ICT) effects. <i>Chemical Engineering Journal</i> , 2019, 368, 157-164.	6.6	74
40	Green anhydrous assembly of carbon dots via solar light irradiation and its multi-modal sensing performance. <i>Dyes and Pigments</i> , 2019, 165, 287-293.	2.0	23
41	Nondestructive Transfer Strategy for High-Efficiency Flexible Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47003-47007.	4.0	11
42	Room-temperature synthesis of novel polymeric nanocluster with emissions and its Cu ²⁺ recognition performance. <i>Journal of Luminescence</i> , 2019, 205, 142-147.	1.5	4
43	Smart choice of carbon dots as a dual-mode onsite nanopatform for the trace level detection of Cr ²⁺ . <i>Dyes and Pigments</i> , 2019, 163, 102-110.	2.0	44
44	Optical detection of anthrax biomarkers in an aqueous medium: the combination of carbon quantum dots and europium ions within alginate hydrogels. <i>Journal of Materials Science</i> , 2019, 54, 2526-2534.	1.7	21
45	New lanthanide ternary complex system in electrospun nanofibers: Assembly, physico-chemical property and sensor application. <i>Chemical Engineering Journal</i> , 2019, 358, 67-73.	6.6	59
46	Mussel chemistry assembly of a novel biosensing nanopatform based on polydopamine fluorescent dot and its photophysical features. <i>Chemical Engineering Journal</i> , 2018, 342, 331-338.	6.6	41
47	Luminescence modulation of two individual fluorophores over a wide pH range and intracellular studies. <i>Dyes and Pigments</i> , 2018, 150, 151-157.	2.0	29
48	Concentrated solar irradiation protocols for the efficient synthesis of tri-color emissive carbon dots and photophysical studies. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13013-13022.	2.7	33
49	Oxidative deoxygenation reaction induced recognition of hypochlorite based on a new fluorescent lanthanide-organic framework. <i>Chemical Engineering Journal</i> , 2018, 351, 364-370.	6.6	63
50	Ratiometric Fluorescence Platform Based on Modified Silicon Quantum Dots and Its Logic Gate Performance. <i>Inorganic Chemistry</i> , 2018, 57, 8866-8873.	1.9	58
51	Multi-modal tracking dopamine using a hybrid inorganic-organic silver nanoparticle and its cellular imaging performance. <i>Journal of Luminescence</i> , 2018, 204, 394-400.	1.5	5
52	In vitro and in vivo studies of a chlorin-based carbon nanocarrier with photodynamic therapy features. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1329-1336.	1.6	3
53	Establishment of a new analytical platform for glucose detection based on a terbium containing silica hybrid nanosensor. <i>Applied Surface Science</i> , 2018, 462, 883-889.	3.1	14
54	Modulation of assembly and disassembly of a new tetraphenylethene based nanosensor for highly selective detection of hyaluronidase. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 95-100.	4.0	46

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55	Study of Specific Interaction between bis(p-phenylene)-34-crown-10-based Substituted Macrocyclic and Ni ²⁺ . <i>Journal of Fluorescence</i> , 2018, 28, 725-728.	1.3	3
56	Effective fabrication of lanthanide activated phosphors and photoluminescence studies. <i>Journal of Alloys and Compounds</i> , 2017, 697, 25-30.	2.8	2
57	Prevailing paradigms in novel lanthanide optical probes from molecular complexes to hybrid materials. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 622-640.	4.0	29
58	A Practical ITO Replacement Strategy: Sputtering-Free Processing of a Metallic Nanonetwork. <i>Advanced Materials Technologies</i> , 2017, 2, 1700061.	3.0	39
59	Fluorometric determination of dopamine by using a terbium (III) inorganic-organic network. <i>Mikrochimica Acta</i> , 2017, 184, 2275-2280.	2.5	25
60	Spectroscopic studies of noble metal incorporated lanthanide vanadates and YF ₃ :Tb ³⁺ nanoclusters encapsulated in hybrid hydrogels. <i>Journal of Alloys and Compounds</i> , 2017, 727, 1142-1147.	2.8	4
61	Metallic Nanonetworks: A Practical ITO Replacement Strategy: Sputtering-Free Processing of a Metallic Nanonetwork (<i>Adv. Mater. Technol.</i> 8/2017). <i>Advanced Materials Technologies</i> , 2017, 2, .	3.0	0
62	Simultaneously enhanced J _{sc} and FF by employing two solution-processed interfacial layers for inverted planar perovskite solar cells. <i>RSC Advances</i> , 2017, 7, 39523-39529.	1.7	13
63	Manipulation of novel nano-prodrug composed of organic pigment-based hybrid network and its optical uses. <i>Materials Science and Engineering C</i> , 2017, 70, 9-14.	3.8	1
64	Novel europium (III)-gatifloxacin complex structure with dual functionality for pH sensing and metal recognition in aqueous environment. <i>Optical Materials</i> , 2016, 60, 1-5.	1.7	5
65	Assay of fluoride by a novel organic-inorganic mesoporous nano-sized sensor. <i>Luminescence</i> , 2016, 31, 1125-1129.	1.5	7
66	Extensive studies of host lattices and activators in lanthanide phosphors based on efficient synthesis. <i>Journal of Alloys and Compounds</i> , 2016, 676, 292-298.	2.8	10
67	Two optically active molybdenum disulfide quantum dots as tetracycline sensors. <i>Materials Chemistry and Physics</i> , 2016, 178, 82-87.	2.0	31
68	Colossal Figure of Merit in Transparent-Conducting Metallic Ribbon Networks. <i>Advanced Materials Technologies</i> , 2016, 1, .	3.0	29
69	Optimization of hierarchical structure and nanoscale-enabled plasmonic refraction for window electrodes in photovoltaics. <i>Nature Communications</i> , 2016, 7, 12825.	5.8	46
70	Template synthesis, structure, optical and catalytic properties derived from novel cadmium tungstates. <i>Polyhedron</i> , 2016, 113, 102-108.	1.0	9
71	Self-organized dysprosium-directed alginate hydrogels and its chemical features. <i>Journal of Luminescence</i> , 2016, 177, 290-294.	1.5	4
72	Molecular imaging of biothiols and in vitro diagnostics based on an organic chromophore bearing a terbium hybrid probe. <i>Dalton Transactions</i> , 2016, 45, 7435-7442.	1.6	20

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73	Variable Emission Changes in Bi ³⁺ /Ln ³⁺ (Ln=Eu, Sm, Dy) Co-doped Lutetium Vanadates (LuVO ₄). Journal of Electronic Materials, 2016, 45, 2974-2980.	1.0	7
74	Aggregation Induced Emission Mediated Controlled Release by Using a Built-In Functionalized Nanocluster with Theranostic Features. Journal of Medicinal Chemistry, 2016, 59, 410-418.	2.9	24
75	Two novel sol-gel-derived nanostructures and their hemoglobin sensing features. Journal of Sol-Gel Science and Technology, 2016, 77, 205-210.	1.1	5
76	Spectroscopic analysis and in vitro imaging applications of a pH responsive AIE sensor with a two-input inhibit function. Chemical Communications, 2015, 51, 12060-12063.	2.2	34
77	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
78	Facile synthesis of lanthanide vanadates and their luminescent properties. Displays, 2015, 39, 6-10.	2.0	6
79	Lanthanide induced formation of novel luminescent alginate hydrogels and detection features. Carbohydrate Polymers, 2015, 133, 19-23.	5.1	34
80	Imaging two targets in live cells based on rational design of lanthanide organic structure appended carbon dots. Carbon, 2015, 93, 671-680.	5.4	65
81	Ionic liquid synthesis of luminescent nano-cubes and their microstructure characterization. Journal of Molecular Structure, 2015, 1091, 1-5.	1.8	4
82	Role of novel silicon nanoparticles in luminescence detection of a family of antibiotics. RSC Advances, 2015, 5, 27458-27463.	1.7	40
83	Easy assembly of visible light excited lanthanide containing edifices and structural origin. Dyes and Pigments, 2015, 119, 56-61.	2.0	6
84	Encapsulation of lanthanides in ternary AgInS ₂ nanocrystals and their physical properties. Materials Letters, 2015, 141, 225-227.	1.3	7
85	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
86	Two novel luminescent metallic based organic-inorganic functionalized silica hybrid materials. Synthetic Metals, 2015, 209, 262-266.	2.1	7
87	Detection of double analytes by employing new luminescent lanthanide probe. Journal of Molecular Structure, 2015, 1099, 204-208.	1.8	7
88	Influence of processing parameters on the luminescence of Eu ³⁺ activated YTa _{1-x} Nb _x O ₄ phosphors by a molten salt method. Journal of Luminescence, 2015, 158, 417-421.	1.5	13
89	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
90	Preparation of one-dimensional La _{2-x} Gd _x (MoO ₄) ₃ ·(WO ₄) : Eu ³⁺ amorphous materials by multiple irradiations and in polymeric gels. Chemical Engineering Journal, 2014, 244, 350-354.	6.6	22

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91	Two molecular-based optical switches: Synthesis and their anions responses. <i>Materials Letters</i> , 2014, 126, 162-164.	1.3	4
92	An intelligent copper(II) luminescent sensor using europium narrow emissions based on titania hybrid material. <i>Optical Materials</i> , 2014, 36, 1520-1524.	1.7	10
93	Soft Matter Anion Sensing Based on Lanthanide (Eu ³⁺ and Tb ³⁺) Luminescent Hydrogels. <i>Soft Materials</i> , 2014, 12, 98-102.	0.8	10
94	Magnolol and honokiol included green emissive terbium sol-gel materials and their recognition behaviors. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 231-236.	1.1	2
95	Extension of Novel Lanthanide Luminescent Mesoporous Nanostructures to Detect Fluoride. <i>Inorganic Chemistry</i> , 2014, 53, 1530-1536.	1.9	38
96	Design and characterization of new lanthanide fluorides and their optical properties. <i>Displays</i> , 2014, 35, 273-278.	2.0	1
97	Slow release realized in 40 min? Assembly of lanthanide hydroxycarbonates and oxycarbonates based on multiple irradiations. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	4
98	Novel lanthanide pH fluorescent probes based on multiple emissions and its visible-light-sensitized feature. <i>Analytica Chimica Acta</i> , 2014, 839, 51-58.	2.6	27
99	Effects of multiple irradiations on luminescent materials and energy savings – A case study for the synthesis of BaMO ₄ :Ln ³⁺ (M=Ag, Mo; Ln=Eu, Tb) phosphors. <i>Energy</i> , 2014, 64, 551-556.	4.5	28
100	Systematic studies for the novel synthesis of nano-structured lanthanide fluorides. <i>Chemical Engineering Journal</i> , 2014, 250, 190-197.	6.6	33
101	Novel pH Induced Reversible Luminescent Lanthanide Hydrogels. <i>Journal of Cluster Science</i> , 2013, 24, 449-458.	1.7	7
102	Smart OD nanomaterials assembled by green luminescent terbium hybrids for the detection of tryptophan. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	10
103	Electrochemical signal response for vitamin B1 using terbium luminescent nanoscale building blocks as optical sensors. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1176-1182.	4.0	20
104	CdMoO ₄ :Eu ³⁺ micro-sized luminescent particles synthesis and photo-catalytic performance. <i>Inorganica Chimica Acta</i> , 2013, 408, 59-63.	1.2	16
105	Arginine-responsive terbium luminescent hybrid sensors triggered by two crown ether carboxylic acids. <i>Materials Science and Engineering C</i> , 2013, 33, 5090-5094.	3.8	9
106	Polyurethane-based Eu(III) luminescent foam as a sensor for recognizing Cu ²⁺ in water. <i>Analytical Methods</i> , 2013, 5, 6045.	1.3	14
107	Molten salt synthesis, characterization, and luminescence properties of GdNbO ₄ /LuTaO ₄ :Eu ³⁺ phosphors. <i>Materials Research Bulletin</i> , 2013, 48, 2771-2775.	2.7	25
108	Terbium-containing graphene oxide and its opto-electrochemical response for hypochlorite in water. <i>Carbon</i> , 2013, 58, 232-237.	5.4	18

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109	Thiazole derivative based terbium(III) covalent silica nanosphere and its sensing property. <i>Inorganica Chimica Acta</i> , 2013, 394, 127-131.	1.2	14
110	Supersonic microwave co-assistance (SMC) efficient synthesis of red luminescent Eu ³⁺ activated silver molybdates and their phase-dependent evolution processes. <i>CrystEngComm</i> , 2013, 15, 5668.	1.3	19
111	From molecule to complex: Design of smart fluorescent anion-sensors. <i>Optical Materials</i> , 2013, 35, 1157-1161.	1.7	5
112	Design of red/green emissive lanthanide activated nano-materials by supersonic and microwave co-irradiations. <i>Optical Materials</i> , 2013, 35, 1146-1150.	1.7	5
113	Assembly of novel Tb ³⁺ /Eu ³⁺ sensitized cellulose gels and their emission behaviors. <i>Cellulose</i> , 2013, 20, 841-848.	2.4	17
114	Ultrasonic-assisted microwave synthesis of luminescent V ₂ O ₅ /MgF ₂ :Eu ³⁺ and its catalytic properties. <i>Materials Letters</i> , 2013, 98, 12-14.	1.3	8
115	Ultrasound and Microwave Coassisted Synthesis and Luminescent Properties of (Ln = La, Gd;) Phosphors. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	0.9	2
116	Luminescent Cu ²⁺ Probes Based on Rare-Earth (Eu ³⁺ and Tb ³⁺) Emissive Transparent Cellulose Hydrogels. <i>Journal of Fluorescence</i> , 2012, 22, 1581-1586.	1.3	21
117	Relationship between crystal structure and luminescent properties of novel red emissive BiVO ₄ :Eu ³⁺ and its photocatalytic performance. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	17
118	Two novel europium (III) centered anion receptors and their naked eye detections. <i>Synthetic Metals</i> , 2012, 162, 1416-1420.	2.1	8
119	A targetable fluorescent sensor for hypochlorite based on a luminescent europium complex loaded carbon nanotube. <i>Analyst</i> , 2012, 137, 1872.	1.7	30
120	Multiple irradiation triggered the formation of luminescent LaVO ₄ : Ln ³⁺ nanorods and in cellulose gels. <i>CrystEngComm</i> , 2012, 14, 4786.	1.3	36
121	Novel templates directed synthesis of YVO ₄ : Eu ³⁺ (red) and Y ₂ O ₃ @SiO ₂ : Tb ³⁺ (green) phosphors. <i>Journal of Luminescence</i> , 2012, 132, 2822-2825.	1.5	6
122	Synthesis of luminescent YVO ₄ :Eu ³⁺ submicrometer crystals through hydrogels as directing agents. <i>Materials Chemistry and Physics</i> , 2012, 135, 451-456.	2.0	20
123	Two emissive cellulose hydrogels for detection of nitrite using terbium luminescence. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 833-838.	4.0	35
124	Luminescent terbium(III) complex-based titania sensing material for fluoride and its photocatalytic properties. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 738.	1.6	10
125	Selective signaling of fluoride anion based on imidazole moieties. <i>Luminescence</i> , 2012, 27, 302-306.	1.5	6
126	Construction of Novel Terbium Green Emissive Gels and Their Unique Thermal Degradation Processes. <i>Journal of Cluster Science</i> , 2012, 23, 147-154.	1.7	0

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127	Nucleophilic Addition-triggered Lanthanide Luminescence Allows Detection of Amines by Eu(thenoyltrifluoroacetone) ₃ . Photochemistry and Photobiology, 2012, 88, 840-843.	1.3	19
128	Dibenzoyl-L-cystine as organic directing agent for assembly of visible-light-sensitized luminescent AgGd(MoO ₄) ₂ :Eu ³⁺ nanowires. Materials Research Bulletin, 2012, 47, 856-860.	2.7	18
129	A luminescent lanthanide complex-based anion sensor with electron-donating methoxy groups for monitoring multiple anions in environmental and biological processes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 387-394.	2.0	38
130	LaPO ₄ :Eu ³⁺ in situ formed in polymeric gels and its photophysical properties. Optical Materials, 2012, 34, 1019-1022.	1.7	10
131	Design of europium doped SiO ₂ -TiO ₂ hybrids as novel luminescent photocatalyst. Journal of Luminescence, 2012, 132, 1639-1641.	1.5	12
132	Optical and electrochemical responses of an anthrax biomarker based on single-walled carbon nanotubes covalently loaded with terbium complexes. Chemical Communications, 2011, 47, 12521.	2.2	109
133	Efficient photosensitization of terbium ions enabled by hydrolysis of siloxy groups in ligands with specific side-chains. Photochemical and Photobiological Sciences, 2011, 10, 60-65.	1.6	2
134	Terbium hybrid particles with spherical shape as luminescent probe for detection of Cu ²⁺ and Fe ³⁺ in water. Analytica Chimica Acta, 2011, 708, 111-115.	2.6	41
135	Reversible Terbium Luminescent Polyelectrolyte Hydrogels for Detection of H ₂ PO ₄ ²⁻ and HSO ₄ ⁻ in Water. Inorganic Chemistry, 2011, 50, 2953-2956.	1.9	64
136	Anion Responsive Dibenzoyl-L-cystine and Luminescent Lanthanide Soft Material. Photochemistry and Photobiology, 2011, 87, 641-645.	1.3	5
137	Anion/Cation Induced Optical Switches Based on Luminescent Lanthanide (Tb ³⁺ and Tj ETQq1 1 0.784314 rgBT, /Overlock	1.3	27
138	2-(3-Pyridyl)imidazole-4,5-dicarboxylic acid based lanthanide luminescent anion sensor. Solid State Sciences, 2011, 13, 1687-1691.	1.5	17
139	Recognition of H ₂ PO ₄ ⁻ and Cu ²⁺ in Water by Luminescent Terbium Silica Xerogel. Journal of Fluorescence, 2011, 21, 1117-1122.	1.3	13
140	Study of Interactions Between Eu(thenoyltrifluoroacetate) ₃ and a Photosynthetic Chlorophyllous Pigment. Journal of Solution Chemistry, 2011, 40, 320-326.	0.6	2
141	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
142	Photophysical studies of novel lanthanide (Eu ³⁺ and Tb ³⁺) luminescent hydrogels. Inorganic Chemistry Communication, 2011, 14, 515-518.	1.8	16
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