Stefan Lis

List of Publications by Year in Descending Order

252 papers	5,077 citations	37 h-index	54 g-index
261 ext. papers	5,778 ext. citations	4.2 avg, IF	6.11 L-index

#	Paper	IF	Citations
252	Eu2+ emission from thermally coupled levels □new frontiers for ultrasensitive luminescence thermometry. *Journal of Materials Chemistry C*, **2022**, 10, 1220-1227	7.1	6
251	Optically active plasmonic cellulose fibers based on Au nanorods for SERS applications.. *Carbohydrate Polymers*, **2022**, 279, 119010	10.3	2
250	Dual-center thermochromic Bi2MoO6:Yb3+, Er3+, Tm3+ phosphors for ultrasensitive luminescence thermometry. *Journal of Alloys and Compounds*, **2022**, 890, 161830	5.7	12
249	Boltzmann vs. non-Boltzmann (non-linear) thermometry - Yb3+-Er3+ activated dual-mode thermometer and phase transition sensor via second harmonic generation. *Journal of Alloys and Compounds*, **2022**, 906, 164329	5.7	1
248	Pressure-driven configurational crossover between 4f7 and 4f65d1 States □Giant enhancement of narrow Eu2+ UV-Emission lines in SrB4O7 for luminescence manometry. *Acta Materialia*, **2022**, 231, 117886	8.4	1
247	Pressure-triggered enormous redshift and enhanced emission in Ca2Gd8Si6O26:Ce3+ phosphors: Ultrasensitive, thermally-stable and ultrafast response pressure monitoring. *Chemical Engineering Journal*, **2022**, 443, 136414	14.7	2
246	Highly-efficient double perovskite Mn4+-activated Gd2ZnTiO6 phosphors: A bifunctional optical sensing platform for luminescence thermometry and manometry. *Chemical Engineering Journal*, **2022**, 446, 136839	14.7	4
245	Ratiometric Upconversion Temperature Sensor Based on Cellulose Fibers Modified with Yttrium Fluoride Nanoparticles. *Nanomaterials*, **2022**, 12, 1926	5.4	1
244	Synthesis and luminescence tunability studies in new upconverting Ba2V2O7: Yb, Ho phosphors. *Polyhedron*, **2022**, 115940	2.7	
243	Nonlinear Optical Thermometry□A Novel Temperature Sensing Strategy via Second Harmonic Generation (SHG) and Upconversion Luminescence in BaTiO3:Ho3+,Yb3+ Perovskite. *Advanced Optical Materials*, **2021**, 9, 2100386	8.1	10
242	Multiple ratiometric nanothermometry operating with Stark thermally and non-thermally-coupled levels in upconverting Y2□MoO6:xEr3+ nanoparticles. *Journal of Alloys and Compounds*, **2021**, 864, 158891	5.7	6
241	GdBO3 and YBO3 crystals under compression. *Journal of Alloys and Compounds*, **2021**, 866, 158962	5.7	0
240	Ligand-Sensitised LaF :Eu and SrF :Eu Nanoparticles and in Vitro Haemocompatiblity Studies. *ChemMedChem*, **2021**, 16, 1640-1650	3.7	1
239	Bi3+ as an enhancer for down- and upconversion luminescence in ternary vanadate structures. *Ceramics International*, **2021**, 47, 24182-24190	5.1	1
238	Improving performance of luminescent nanothermometers based on non-thermally and thermally coupled levels of lanthanides by modulating laser power. *Nanoscale*, **2021**, 13, 14139-14146	7.7	6
237	Up-converting nanophosphors based on Yb3+/Ho3+ doped NaM(WO4)2 (M = Gd, Y) synthesized in situ under hydrothermal conditions. *Optical Materials*, **2020**, 107, 109979	3.3	3
236	Surface Modification of Luminescent Ln Fluoride Core-Shell Nanoparticles with Acetylsalicylic acid (Aspirin): Synthesis, Spectroscopic and in Vitro Hemocompatibility Studies. *ChemMedChem*, **2020**, 15, 1490-1496	3.7	3

235	Sr2LuF7:Yb3+,Ho3+,Er3+ Upconverting Nanoparticles as Luminescent Thermometers in the First, Second, and Third Biological Windows. *ACS Applied Nano Materials*, **2020**, 3, 6406-6415	5.6	37
234	Huge enhancement of Sm2+ emission via Eu2+ energy transfer in a SrB4O7 pressure sensor. *Journal of Materials Chemistry C*, **2020**, 8, 4810-4817	7.1	18
233	Bifunctional magnetic-upconverting luminescent cellulose fibers for anticounterfeiting purposes. *Journal of Alloys and Compounds*, **2020**, 829, 154456	5.7	8
232	3,5-Dihydroxy Benzoic Acid-Capped CaF:Tb Nanocrystals as Luminescent Probes for the WO Ion in Aqueous Solution. *ACS Omega*, **2020**, 5, 4568-4575	3.9	2
231	UV-Vis-NIR absorption spectra of lanthanide oxides and fluorides. *Dalton Transactions*, **2020**, 49, 2129-2137	4.3	22
230	Optical Vacuum Sensor Based on Lanthanide Upconversion Luminescence Thermometry as a Tool for Ultralow Pressure Sensing. *Advanced Materials Technologies*, **2020**, 5, 1901091	6.8	60
229	Effect of the Ce3+ ions co-doping on the emission color of the up-converting NaYbF4 doped with Ho3+ ions. *Ceramics International*, **2020**, 46, 26382-26387	5.1	4
228	A new synthesis approach for upconverting nanoparticles based on rare earth ternary vanadates. *Ceramics International*, **2020**, 46, 26309-26316	5.1	4
227	High-pressure luminescence of monoclinic and triclinic GdBO3: Eu3+. *Ceramics International*, **2020**, 46, 26368-26376	5.1	5
226	Lanthanide Luminescence Enhancement of Core-Shell Magnetite-SiO Nanoparticles Covered with Chain-Structured Helical Eu/Tb Complexes. *ACS Omega*, **2020**, 5, 32930-32938	3.9	5
225	Influence of matrix on the luminescence properties of Eu2+/Eu3+ doped strontium borates: SrB4O7, SrB2O4 and Sr3(BO3)2, exhibiting multicolor tunable emission. *Journal of Alloys and Compounds*, **2020**, 822, 153511	5.7	7
224	Adenosine capped CaF2:Eu3+ nanocrystals and their applications in permanganate detection. *Optical Materials*, **2020**, 107, 110048	3.3	2
223	Improving temperature resolution of luminescent nanothermometers working in the near-infrared range using non-thermally coupled levels of Yb3+ & Tm3+. *Journal of Luminescence*, **2020**, 228, 117643	3.8	10
222	Lanthanide Upconverted Luminescence for Simultaneous Contactless Optical Thermometry and Manometry-Sensing under Extreme Conditions of Pressure and Temperature. *ACS Applied Materials & Interfaces*, **2020**, 12, 40475-40485	9.5	38
221	Er3+, Yb3+ co-doped Sr3(PO4)2 phosphors: A ratiometric luminescence thermometer based on Stark levels with tunable sensitivity. *Journal of Luminescence*, **2020**, 227, 117517	3.8	14
220	Upconversion luminescence in cellulose composites (fibres and paper) modified with lanthanide-doped SrF2 nanoparticles. *Journal of Materials Chemistry C*, **2020**, 8, 11922-11928	7.1	8
219	Luminescent Nanothermometer Operating at Very High Temperature-Sensing up to 1000 K with Upconverting Nanoparticles (Yb/Tm). *ACS Applied Materials & Interfaces*, **2020**, 12, 43933-43941	9.5	48
218	Praseodymium doped YF3:Pr3+ nanoparticles as optical thermometer based on luminescence intensity ratio (LIR) studies in visible and NIR range. *Journal of Luminescence*, **2019**, 214, 116571	3.8	41

217	Synthesis of highly luminescent nanocomposite LaF3:Ln3+/Q-dots-CdTe system, exhibiting tunable red-to-green emission. *Chemical Papers*, **2019**, 73, 2907-2911	1.9	1
216	Luminescent-plasmonic core□shell microspheres, doped with Nd3+ and modified with gold nanoparticles, exhibiting whispering gallery modes and SERS activity. *Journal of Rare Earths*, **2019**, 37, 1152-1156	3.7	9
215	Upconverting Lanthanide Fluoride Core@Shell Nanorods for Luminescent Thermometry in the First and Second Biological Windows: □NaYF:Yb- Er@SiO Temperature Sensor. *ACS Applied Materials & Interfaces*, **2019**, 11, 13389-13396	9.5	114
214	Gold nanorods as a high-pressure sensor of phase transitions and refractive-index gauge. *Nanoscale* , **2019**, 11, 8718-8726	7.7	22
213	A series of new pyridine carboxamide complexes and self-assemblies with Tb(III), Eu(III), Zn(II), Cu(II) ions and their luminescent and magnetic properties. *Journal of Coordination Chemistry*, **2019**, 72, 727-748	1.6	3
212	Emission color tuning and phase transition determination based on high-pressure up-conversion luminescence in YVO4: Yb3+, Er3+ nanoparticles. *Journal of Luminescence*, **2019**, 209, 321-327	3.8	19
211	Modification of cellulose fibers with inorganic luminescent nanoparticles based on lanthanide(III) ions. *Carbohydrate Polymers*, **2019**, 206, 742-748	10.3	29
210	Up-converting LuF3 and NaLuF4 fluorides doped with Yb3+/Er3+ or Yb3+/Tm3+ ions for latent fingermarks detection. *Journal of Alloys and Compounds*, **2019**, 784, 641-652	5.7	15
209	Optical Pressure Sensor Based on the Emission and Excitation Band Width (fwhm) and Luminescence Shift of Ce-Doped Fluorapatite-High-Pressure Sensing. *ACS Applied Materials & Interfaces*, **2019**, 11, 4131-4138	9.5	55
208	Five subsequent new pyridine carboxamides and their complexes with d-electron ions. Synthesis, spectroscopic characterization and magnetic properties. *Journal of Molecular Structure*, **2019**, 1178, 669-681	3.4	1
207	Effect of various surfactants on changes in the emission color chromaticity in upconversion YVO4: Yb3+, Er3+ nanoparticles. *Optical Materials*, **2018**, 76, 400-406	3.3	8
206	Effect of ionic substitution (Ca/Sr/Ba) on structure and luminescent properties of Ce3+ doped fluorapatite. *Journal of Luminescence*, **2018**, 196, 285-289	3.8	7
205	Comparative studies of structure, spectroscopic properties and intensity parameters of tetragonal rare earth vanadate nanophosphors doped with Eu(III). *Journal of Alloys and Compounds*, **2018**, 741, 459-472	5.7	16
204	Multifunctional Optical Sensors for Nanomanometry and Nanothermometry: High-Pressure and High-Temperature Upconversion Luminescence of Lanthanide-Doped Phosphates-LaPO/YPO:Yb-Tm. *ACS Applied Materials & Interfaces*, **2018**, 10, 17269-17279	9.5	157
203	Upconverting lanthanide doped fluoride NaLuF4:Yb3+-Er3+-Ho3+ - optical sensor for multi-range fluorescence intensity ratio (FIR) thermometry in visible and NIR regions. *Journal of Luminescence*, **2018**, 201, 104-109	3.8	69
202	Synthesis and tunable emission studies of new up-converting Ba2GdV3O11 nanopowders doped with Yb3+/Ln3+ (Ln3+ = Er3+, Ho3+, Tm3+). *Journal of Luminescence*, **2018**, 200, 59-65	3.8	13
201	Determination of deuterium oxide content in water based on luminescence quenching. *Talanta*, **2018**, 184, 364-368	6.2	9
200	Structural, morphology and luminescence properties of mixed calcium molybdate-tungstate microcrystals doped with Eu3+ ions and changes of the color emission chromaticity. *Optical Materials*, **2018**, 84, 422-426	3.3	9

199	Influence of boric acid/Sr2+ ratio on the structure and luminescence properties (colour tuning) of nano-sized, complex strontium borates doped with Sm2+ and Sm3+ ions. *Optical Materials*, **2018**, 83, 245-251	3.3	8
198	Luminescent-Magnetic Cellulose Fibers, Modified with Lanthanide-Doped Core/Shell Nanostructures. *ACS Omega*, **2018**, 3, 10383-10390	3.9	19
197	Luminescent-plasmonic, lanthanide-doped core/shell nanomaterials modified with Au nanorods Up-conversion luminescence tuning and morphology transformation after NIR laser irradiation. *Journal of Alloys and Compounds*, **2018**, 762, 621-630	5.7	23
196	Optical pressure nano-sensor based on lanthanide doped SrB2O4:Sm2+ luminescence Novel high-pressure nanomanometer. *Sensors and Actuators B: Chemical*, **2018**, 273, 585-591	8.5	37
195	Luminescence investigations of novel orange-red fluorapatite KLaSr3(PO4)3F: Sm3+ phosphors with high thermal stability. *Journal of the American Ceramic Society*, **2017**, 100, 2221-2231	3.8	41
194	Luminescent-plasmonic effects in GdPO4:Eu3+ nanorods covered with silver nanoparticles. *Journal of Luminescence*, **2017**, 188, 24-30	3.8	16
193	Four new amide derivatives of pyridinecarboxylic acids. Synthesis, structure and spectroscopic characterization. *Journal of Molecular Structure*, **2017**, 1145, 86-93	3.4	5
192	Synthesis, spectroscopic characterization and antifungal activity studies of five novel complexes with pyridine carboxamides. *Polyhedron*, **2017**, 133, 187-194	2.7	8
191	Up-conversion green emission of Yb 3+ /Er 3+ ions doped YVO 4 nanocrystals obtained via modified Pechini method. *Optical Materials*, **2017**, 74, 128-134	3.3	7
190	Electrochemical capacitor materials based on carbon and luminophors doped with lanthanide ions. *Journal Physics D: Applied Physics*, **2017**, 50, 415502	3	1
189	Lifetime nanomanometry - high-pressure luminescence of up-converting lanthanide nanocrystals - SrF:Yb,Er. *Nanoscale*, **2017**, 9, 16030-16037	7.7	81
188	Synthesis, surface modification/decoration of luminescent magnetic core/shell nanomaterials, based on the lanthanide doped fluorides (Fe3O4/SiO2/NH2/PAA/LnF3). *Journal of Luminescence*, **2016**, 170, 484-490	3.8	24
187	Preparation of multicolor luminescent cellulose fibers containing lanthanide doped inorganic nanomaterials. *Journal of Luminescence*, **2016**, 169, 520-527	3.8	18
186	Effects of Dopant Addition on Lattice and Luminescence Intensity Parameters of Eu(III)-Doped Lanthanum Orthovanadate. *Journal of Physical Chemistry C*, **2016**, 120, 28497-28508	3.8	41
185	Spectroscopic, structural and in vitro cytotoxicity evaluation of luminescent, lanthanide doped core@shell nanomaterials GdVO4:Eu(3+)5%@SiO2@NH2. *Journal of Colloid and Interface Science*, **2016**, 481, 245-55	9.3	40
184	Energy migration in YBO3:Yb3+,Tb3+ materials: Down- and upconversion luminescence studies. *Journal of Alloys and Compounds*, **2016**, 686, 951-961	5.7	19
183	White and red emitting LaF3 nanocrystals doped with Eu2+ and Eu3+ ions: Spectroscopic and magnetic studies. *Journal of Alloys and Compounds*, **2016**, 686, 489-495	5.7	15
182	Synthesis of lanthanide doped CeF3:Gd3+, Sm3+ nanoparticles, exhibiting altered luminescence after hydrothermal post-treatment. *Journal of Alloys and Compounds*, **2016**, 661, 182-189	5.7	33

181	Up-conversion luminescence of Yb3+ and Er3+ doped YPO4, LaPO4 and GdPO4 nanocrystals. *Journal of Luminescence*, **2016**, 175, 21-27	3.8	33
180	Ab initio study of pressure-induced phase transition, band gaps and X-ray photoemission valence band spectra of YVO4. *Computational Materials Science*, **2016**, 117, 98-102	3.2	2
179	Energy transfer upconversion dynamics in YVO4:Yb3+,Er3+. *Journal of Luminescence*, **2016**, 170, 560-570	3.8	35
178	Estimation of Fibre Orientation in Paper Products by an Image Analysis On-line System. *Fibres and Textiles in Eastern Europe*, **2016**, 24, 107-112	0.9	3
177	REVO4-Based Nanomaterials (RE = Y, La, Gd, and Lu) as Hosts for Yb3+/Ho3+, Yb3+/Er3+, and Yb3+/Tm3+ Ions: Structural and Up-Conversion Luminescence Studies. *Journal of the American Ceramic Society*, **2016**, 99, 3300-3308	3.8	19
176	Novel apatite KLaSr3(PO4)3F:Eu2+ phosphors: synthesis, structure, and luminescence properties. *Journal of Materials Research*, **2016**, 31, 3489-3497	2.5	4
175	Preparation of Biocompatible, Luminescent-Plasmonic Core/Shell Nanomaterials Based on Lanthanide and Gold Nanoparticles Exhibiting SERS Effects. *Journal of Physical Chemistry C*, **2016**, 120, 23788-23798	3.8	49
174	Nanocrystalline rare earth fluorides doped with Pr3+ ions. *Journal of Rare Earths*, **2016**, 34, 802-807	3.7	12
173	Synthesis of luminescent KY3F10 nanopowder multi-doped with lanthanide ions by a co-precipitation method. *Journal of Rare Earths*, **2016**, 34, 808-813	3.7	10
172	Pairs of Ln(III) dopant ions in crystalline solid luminophores: an ab initio computational study. *Journal of Rare Earths*, **2016**, 34, 820-827	3.7	1
171	Luminescent cellulose fibers modified with cerium fluoride doped with terbium particles. *Polymer Composites*, **2016**, 37, 153-160	3	18
170	Synthesis, photophysical analysis, and in vitro cytotoxicity assessment of the multifunctional (magnetic and luminescent) core@shell nanomaterial based on lanthanide-doped orthovanadates. *Journal of Nanoparticle Research*, **2015**, 17, 1	2.3	16
169	Synthesis, characterization, and cytotoxicity in human erythrocytes of multifunctional, magnetic, and luminescent nanocrystalline rare earth fluorides. *Journal of Nanoparticle Research*, **2015**, 17, 399	2.3	32
168	Synthesis, structural and spectroscopic studies on GdBO3:Yb3+/Tb3+@SiO2 core-shell nanostructures. *Journal of Rare Earths*, **2015**, 33, 1148-1154	3.7	11
167	Hydrolysis contributions in U(VI) spectroscopic speciation in acetate media. *Inorganica Chimica Acta*, **2015**, 426, 113-118	2.7	1
166	Semiempirical and DFT computations of the influence of Tb(III) dopant on unit cell dimensions of cerium(III) fluoride. *Journal of Computational Chemistry*, **2015**, 36, 193-9	3.5	4
165	Synthesis and spectroscopic properties of Yb3+ and Tb3+ co-doped GdBO3 materials showing down- and up-conversion luminescence. *Dalton Transactions*, **2015**, 44, 4063-9	4.3	21
164	Luminescence properties of calcium tungstate activated by lanthanide(III) ions. *Journal of Rare Earths*, **2014**, 32, 221-225	3.7	31

163	Pyridine N-oxide complexes of Cu(II) ions with pseudohalides: Synthesis, structural and spectroscopic characterization. *Polyhedron*, **2014**, 81, 728-734	2.7	8
162	Eu3+ and Tb3+ doped LaPO4 nanorods, modified with a luminescent organic compound, exhibiting tunable multicolour emission. *RSC Advances*, **2014**, 4, 46305-46312	3.7	42
161	Synthesis and organic surface modification of luminescent, lanthanide-doped core/shell nanomaterials (LnF3@SiO2@NH2@organic acid) for potential bioapplications: spectroscopic, structural, and in vitro cytotoxicity evaluation. *Langmuir*, **2014**, 30, 9533-43	4	41
160	Down- and up-converting dual-mode YPO4:Yb(3+),Tb(3+) nanocrystals: synthesis and spectroscopic properties. *Dalton Transactions*, **2014**, 43, 17255-64	4.3	37
159	Spectroscopic properties of Y1□EuxBO3 and Y1□TbxBO3 nanopowders obtained by the sol□gel Pechini method. *Journal of Luminescence*, **2014**, 155, 374-383	3.8	6
158	Revised crystal structure and luminescent properties of gadolinium oxyfluoride Gd□O□F□doped with Eu□+ ions. *Dalton Transactions*, **2014**, 43, 6925-34	4.3	28
157	Structure modeling of terbium doped strontium-lanthanum borate. *Journal of Rare Earths*, **2014**, 32, 248-253	3.7	4
156	Nanosized complex fluorides based on Eu3+ doped Sr2LnF7 (Ln=La, Gd). *Journal of Rare Earths*, **2014**, 32, 242-247	3.7	21
155	Facile synthesis, structural and spectroscopic properties of GdF3:Ce3+, Ln3+ (Ln3+=Sm3+, Eu3+, Tb3+, Dy3+) nanocrystals with bright multicolor luminescence. *Journal of Luminescence*, **2014**, 154, 479-486	3.8	42
154	Structural, spectroscopic, and magnetic properties of Eu3+-doped GdVO4 nanocrystals synthesized by a hydrothermal method. *Inorganic Chemistry*, **2014**, 53, 12243-52	5.1	63
153	Direct spectroscopic speciation of the complexation of U(VI) in acetate solution. *Monatshefte F□ Chemie*, **2014**, 145, 1689-1696	1.4	4
152	Preparation and photophysical properties of luminescent nanoparticles based on lanthanide doped fluorides (LaF3:Ce3+, Gd3+, Eu3+), obtained in the presence of different surfactants. *Journal of Alloys and Compounds*, **2014**, 597, 63-71	5.7	44
151	The effects of down- and up-conversion on dual-mode green luminescence from Yb3+- and Tb3+-doped LaPO4 nanocrystals. *Journal of Materials Chemistry C*, **2013**, 1, 5410	7.1	48
150	The structural and spectroscopic studies of UO22+ complexes with diethyl benzylphosphonate and diethyl (carboxymethyl)phosphonate in solution and in the solid state. *Polyhedron*, **2013**, 62, 243-249	2.7	1
149	Synthesis, spectroscopic and structural studies on YOF, LaOF and GdOF nanocrystals doped with Eu3+, synthesized via stearic acid method. *Optical Materials*, **2013**, 35, 2226-2233	3.3	35
148	Photophysical characterization of La1□EuxBO3 and La1□TbxBO3 nanopowders synthesized by sol□gel Pechini method. *Optical Materials*, **2013**, 35, 1297-1303	3.3	8
147	Structural and spectroscopic properties of YOF:Eu3+ nanocrystals. *Journal of Alloys and Compounds* , **2013**, 576, 345-349	5.7	20
146	Structural, spectroscopic and cytotoxicity studies of TbF@CeF and TbF@CeF@SiO nanocrystals. *Journal of Nanoparticle Research*, **2013**, 15, 1958	2.3	36

145	Core/shell-type nanorods of Tb-doped LaPO, modified with amine groups, revealing reduced cytotoxicity. *Journal of Nanoparticle Research*, **2013**, 15, 2068	2.3	42
144	Chemiluminescent systems generating reactive oxygen species from the decomposition of hydrogen peroxide and their analytical applications. *TrAC - Trends in Analytical Chemistry*, **2013**, 44, 1-11	14.6	18
143	New complexes of cobalt(II) ions with pyridinecarboxylic acid N-oxides and 4,4?-byp. *Journal of Molecular Structure*, **2013**, 1034, 128-133	3.4	23
142	Hydrothermal synthesis and structural and spectroscopic properties of the new triclinic form of GdBO3:Eu3+ nanocrystals. *Inorganic Chemistry*, **2013**, 52, 4934-40	5.1	50
141	Green-emitting nanoscaled borate phosphors Sr3RE2(BO3)4:Tb3+. *Materials Chemistry and Physics*, **2013**, 140, 447-452	4.4	12
140	Tuning luminescence properties of Eu3+ doped CaAl2O4 nanophosphores with Na+ co-doping. *Journal of Luminescence*, **2013**, 133, 102-109	3.8	26
139	Structural, morphological and spectroscopic properties of Eu3+-doped rare earth fluorides synthesized by the hydrothermalmethod. *Journal of Solid State Chemistry*, **2013**, 200, 76-83	3.3	35
138	Synthesis, complexation studies and structural characterization of d and f metal ion complexes with 4-chloroquinaldinic acid N-oxide. *Journal of Molecular Structure*, **2012**, 1010, 59-66	3.4	2
137	The structure and spectroscopic characterization of complexes with tetraethyl methylenediphosphonate in solution and in solid state. *Journal of Molecular Structure*, **2012**, 1011, 145-148	3.4	5
136	Magnetic and luminescent hybrid nanomaterial based on Fe(3)O(4) nanocrystals and GdPO(4):Eu(3+) nanoneedles. *Journal of Nanoparticle Research*, **2012**, 14, 1188	2.3	29
135	Influence of Matrix on the Luminescent and Structural Properties of Glycerine-Capped, Tb3+-Doped Fluoride Nanocrystals. *Journal of Physical Chemistry C*, **2012**, 116, 17188-17196	3.8	67
134	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	3.8	66
133	Influence of nanocrystals size on the structural and luminescent properties of GdOF:Eu3+. *Journal of Alloys and Compounds*, **2012**, 539, 82-89	5.7	33
132	Revision of structural properties of GdBO3 nanopowders doped with Eu3+ ions through spectroscopic studies. *Dalton Transactions*, **2012**, 41, 5824-31	4.3	53
131	Comparative studies on structural and luminescent properties of Eu3+:MgAl2O4 and Eu3+/Na+:MgAl2O4 nanopowders and nanoceramics. *Optical Materials*, **2012**, 35, 130-135	3.3	21
130	Multifunctionality of GdPO4:Yb3+,Tb3+ nanocrystals luminescence and magnetic behaviour. *Journal of Materials Chemistry*, **2012**, 22, 22989		71
129	Investigation of Structure, Morphology, and Luminescence Properties in Blue-Red Emitter, Europium-Activated ZnAl2O4 Nanospinels. *European Journal of Inorganic Chemistry*, **2012**, 2012, 3418-3426	2.3	20
128	Chemiluminescence determination of ibuprofen and ketoprofen using the Fenton system in the presence of europium(III) ions. *Analytical Methods*, **2012**, 4, 1964	3.2	13

127	Luminescent cellulose fibers activated by Eu3+-doped nanoparticles. *Cellulose*, **2012**, 19, 1271-1278	5.5	31
126	Organic□Inorganic Hybrid Material [Na+(ClO4)□(C6H5NO3)(H2O)]: Very Short Intramolecular Hydrogen Bond And Hierarchy of Intermolecular Interactions. *Journal of Chemical Crystallography*, **2012**, 42, 588-592	0.5	3
125	Structural and spectroscopic properties of LaOF:Eu3+ nanocrystals prepared by the sol-gel Pechini method. *Inorganic Chemistry*, **2011**, 50, 8112-20	5.1	123
124	An impact of sintering temperature and doping level on structural and spectral properties of Eu-doped strontium aluminium oxide. *Journal of Rare Earths*, **2011**, 29, 1105-1110	3.7	9
123	Bifunctional luminescent and magnetic core/shell type nanostructures Fe3O4@CeF3:Tb3+/SiO2. *Journal of Rare Earths*, **2011**, 29, 1117-1122	3.7	18
122	Spectroscopic properties of Eu3+ doped YBO3 nanophosphors synthesized by modified co-precipitation method. *Journal of Rare Earths*, **2011**, 29, 1142-1146	3.7	24
121	Photoluminescence properties of nanosized strontium-yttrium borate phosphor Sr3Y2(BO3)4:Eu3+ obtained by the sol-gel Pechini method. *Journal of Rare Earths*, **2011**, 29, 1161-1165	3.7	25
120	Luminescence properties of Tm3+/Yb3+, Er3+/Yb3+ and Ho3+/Yb3+ activated calcium tungstate. *Journal of Rare Earths*, **2011**, 29, 1166-1169	3.7	14
119	Complexation studies of 3-substituted □-diketones with selected d- and f-metal ions. *Chemical Papers*, **2011**, 65,	1.9	3
118	Chemometrics in f-element speciation: a metrological challenge?. *Accreditation and Quality Assurance*, **2011**, 16, 199-205	0.7	1
117	Chemiluminescence determination of fluoroquinolones using Fenton system in the presence of terbium(iii) ions. *Analyst, The*, **2011**, 136, 2592-7	5	21
116	Luminescence study of praseodymium complexes with selected phosphonate ligands. *Optical Materials*, **2011**, 33, 1544-1547	3.3	8
115	Ultraweak emission of the Eu(III) ions in cathodic generated electrochemiluminescence. *Optical Materials*, **2011**, 33, 1540-1543	3.3	5
114	Synthesis, spectroscopic and structural properties of uranyl complexes based on bipyridine N-oxide ligands. *Polyhedron*, **2011**, 30, 880-885	2.7	18
113	Kinetic and spectral studies of EHPG systems using chemi- and electrochemiluminescence methods. *Journal of Rare Earths*, **2010**, 28, 868-873	3.7	
112	Poly (Isonicotinic Acid N-Oxide□Isonicotinate-N-Oxide-Chloro-Uranyl): The Interpenetrating Grids Created by Coordination and Hydrogen Bonds. *Journal of Chemical Crystallography*, **2010**, 40, 646-649	0.5	18
111	Preparation and characterization of uranyl complexes with phosphonate ligands. *Journal of Thermal Analysis and Calorimetry*, **2010**, 100, 253-260	4.1	11
110	Hydrothermal preparation and photoluminescent properties of MgAl2O4: Eu3+ spinel nanocrystals. *Journal of Luminescence*, **2010**, 130, 434-441	3.8	49

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