Stefan Lis

List of Publications by Citations

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	Luminescence Properties of Materials with Eu(III) Complexes: Role of Ligand, Coligand, Anion, and Matrix. *Chemistry of Materials*, **2003**, 15, 656-663	9.6	166
251	Energy transfer in solution of lanthanide complexes. *Journal of Photochemistry and Photobiology A: Chemistry*, **2002**, 150, 233-247	4.7	161
250	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
249	Luminescence spectroscopy of lanthanide(III) ions in solution. *Journal of Alloys and Compounds*, **2002**, 341, 45-50	5.7	127
248	Structural and spectroscopic properties of LaOF:Eu3+ nanocrystals prepared by the sol-gel Pechini method. *Inorganic Chemistry*, **2011**, 50, 8112-20	5.1	123
247	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
246	Lifetime nanomanometry - high-pressure luminescence of up-converting lanthanide nanocrystals - SrF:Yb,Er. *Nanoscale*, **2017**, 9, 16030-16037	7.7	81
245	Multifunctionality of GdPO4:Yb3+,Tb3+ nanocrystals luminescence and magnetic behaviour. *Journal of Materials Chemistry*, **2012**, 22, 22989		71
244	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
243	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
242	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
241	Structural, spectroscopic, and magnetic properties of Eu3+-doped GdVO4 nanocrystals synthesized by a hydrothermal method. *Inorganic Chemistry*, **2014**, 53, 12243-52	5.1	63
240	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
239	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
238	Revision of structural properties of GdBO3 nanopowders doped with Eu3+ ions through spectroscopic studies. *Dalton Transactions*, **2012**, 41, 5824-31	4.3	53
237	Aqueous solutions of uranium(VI) as studied by time-resolved emission spectroscopy: a round-robin test. *Applied Spectroscopy*, **2003**, 57, 1027-38	3.1	51
236	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

235	Hydrothermal preparation and photoluminescent properties of MgAl2O4: Eu3+ spinel nanocrystals. *Journal of Luminescence*, **2010**, 130, 434-441	3.8	49
234	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
233	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
232	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
231	Luminescence lifetimes of aqueous europium perchlorate, chloride and nitrate solutions. *Materials Chemistry and Physics*, **1992**, 31, 159-161	4.4	47
230	Luminescence studies of Eu(III) mixed ligand complexes. *Journal of Alloys and Compounds*, **2002**, 344, 70-74	5.7	46
229	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
228	Photoluminescent properties of LaF3:Eu3+ and GdF3:Eu3+ nanoparticles prepared by co-precipitation method. *Journal of Rare Earths*, **2009**, 27, 588-592	3.7	43
227	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
226	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
225	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
224	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
223	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
222	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
221	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
220	Luminescence of europium(III) compounds in zirconia xerogels. *Chemical Physics Letters*, **2001**, 349, 266-270	2.3	41
219	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
218	Formation and dissociation kinetics of Eu(III) complexes with H5do3ap and similar dota-like ligands. *Polyhedron*, **2007**, 26, 4119-4130	2.7	38

217	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
216	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
215	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
214	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
213	Structural, spectroscopic and cytotoxicity studies of TbF@CeF and TbF@CeF@SiO nanocrystals. *Journal of Nanoparticle Research*, **2013**, 15, 1958	2.3	36
212	Chemiluminescence determination of tetracyclines using Fenton system in the presence europium(III) ions. *Analytica Chimica Acta*, **2009**, 639, 96-100	6.6	36
211	Energy transfer upconversion dynamics in YVO4:Yb3+,Er3+. *Journal of Luminescence*, **2016**, 170, 560-570	3.8	35
210	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
209	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
208	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
207	Up-conversion luminescence of Yb3+ and Er3+ doped YPO4, LaPO4 and GdPO4 nanocrystals. *Journal of Luminescence*, **2016**, 175, 21-27	3.8	33
206	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
205	Spectroscopic characterization of Eu(III) complexes with new monophosphorus acid derivatives of H(4)dota. *Journal of Fluorescence*, **2005**, 15, 507-12	2.4	33
204	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
203	Applications of spectroscopic methods in studies of polyoxometalates and their complexes with lanthanide(III) ions. *Journal of Alloys and Compounds*, **2000**, 300-301, 88-94	5.7	32
202	Luminescence lifetime of lanthanide(III) ions in aqueous solution containing azide ion. *Journal of Alloys and Compounds*, **2001**, 323-324, 125-127	5.7	32
201	Luminescence study of europium(III) complexes with several dicarboxylic acids in aqueous solution. *Journal of Alloys and Compounds*, **1995**, 225, 257-260	5.7	32
200	Luminescence properties of calcium tungstate activated by lanthanide(III) ions. *Journal of Rare Earths*, **2014**, 32, 221-225	3.7	31

199	Luminescent cellulose fibers activated by Eu3+-doped nanoparticles. *Cellulose*, **2012**, 19, 1271-1278	5.5	31
198	Improvement of emission intensity in luminescent materials based on the antenna effect. *Journal of Alloys and Compounds*, **2000**, 300-301, 55-60	5.7	31
197	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
196	Modification of cellulose fibers with inorganic luminescent nanoparticles based on lanthanide(III) ions. *Carbohydrate Polymers*, **2019**, 206, 742-748	10.3	29
195	Revised crystal structure and luminescent properties of gadolinium oxyfluoride GdOF doped with Eu3+ ions. *Dalton Transactions*, **2014**, 43, 6925-34	4.3	28
194	Complexation Study of NpO+2 and UO2+2 Ions with Several Organic Ligands in Aqueous Solutions of High Ionic Strength. *Radiochimica Acta*, **1996**, 74, 117-122	1.9	27
193	Europium-sensitized chemiluminescence of system tetracycline-H2O2-Fe(II)/(III) and its application to the determination of tetracycline. *Journal of Fluorescence*, **2008**, 18, 1193-7	2.4	27
192	Tuning luminescence properties of Eu3+ doped CaAl2O4 nanophosphores with Na+ co-doping. *Journal of Luminescence*, **2013**, 133, 102-109	3.8	26
191	Preparation and spectroscopy characterization of Eu:MgAl2O4 nanopowder prepared by modified Pechini method. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 5803-10	1.3	26
190	Spectral studies of zinc octacarboxyphthalocyanine aggregation. *Dyes and Pigments*, **2009**, 80, 239-244	4.6	26
189	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
188	LUMINESCENCE STUDY OF Eu(III) COMPLEXES EXTRACTED IN THE ORGANIC PHASE. *Solvent Extraction and Ion Exchange*, **1991**, 9, 637-647	2.5	25
187	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
186	Spectroscopic properties of Eu3+ doped YBO3 nanophosphors synthesized by modified co-precipitation method. *Journal of Rare Earths*, **2011**, 29, 1142-1146	3.7	24
185	Spectroscopic study of ion binding in synthetic polyelectrolytes using lanthanide ions. *Inorganica Chimica Acta*, **1995**, 239, 139-143	2.7	24
184	Fluorescence of lanthanide(III) complexes in aqueous solutions the influence ofpH and solution composition. *Monatshefte F Chemie*, **1985**, 116, 901-911	1.4	24
183	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
182	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

181	Gold nanorods as a high-pressure sensor of phase transitions and refractive-index gauge. *Nanoscale* , **2019**, 11, 8718-8726	7.7	22
180	UV-Vis-NIR absorption spectra of lanthanide oxides and fluorides. *Dalton Transactions*, **2020**, 49, 2129-2137	4.3	22
179	Intensification of rare earths luminescence in glasses. *Journal of Luminescence*, **2003**, 102-103, 243-247	3.8	22
178	Lifetime and fluorescence quantum yield of uranium(VI) species in hydrolyzed solutions. *Journal of Alloys and Compounds*, **2000**, 300-301, 107-112	5.7	22
177	Nanosized complex fluorides based on Eu3+ doped Sr2LnF7 (Ln=La, Gd). *Journal of Rare Earths*, **2014**, 32, 242-247	3.7	21
176	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
175	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
174	Chemiluminescence determination of fluoroquinolones using Fenton system in the presence of terbium(iii) ions. *Analyst, The*, **2011**, 136, 2592-7	5	21
173	A new spectrophotometric method for the determination and simultaneous determination of tungsten and molybdenum in polyoxometalates and their Ln(III) complexes. *Journal of Alloys and Compounds*, **2000**, 303-304, 132-136	5.7	21
172	Structural and spectroscopic properties of YOF:Eu3+ nanocrystals. *Journal of Alloys and Compounds* , **2013**, 576, 345-349	5.7	20
171	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
170	EPR study of sandwiched gadolinium(III) complexes with polyoxometalates. *Journal of Alloys and Compounds*, **2002**, 341, 307-311	5.7	20
169	Spectroscopic studies of Eu(III) and Nd(III) complexes with several polyoxometalates. *Journal of Alloys and Compounds*, **2000**, 300-301, 370-376	5.7	20
168	Synthesis and Spectroscopic Studies of Chosen Heteropolytungstates and Their Ln(III) Complexes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1999**, 35, 225-231		20
167	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
166	Energy migration in YBO3:Yb3+,Tb3+ materials: Down- and upconversion luminescence studies. *Journal of Alloys and Compounds*, **2016**, 686, 951-961	5.7	19
165	Determination of small amounts of water in dimethylformamide and dimethylsulfoxide using luminescence lifetime measurements of europium(III). *Analytical Chemistry*, **1991**, 63, 2542-2543	7.8	19
164	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

163	Luminescent-Magnetic Cellulose Fibers, Modified with Lanthanide-Doped Core/Shell Nanostructures. *ACS Omega*, **2018**, 3, 10383-10390	3.9	19
162	Preparation of multicolor luminescent cellulose fibers containing lanthanide doped inorganic nanomaterials. *Journal of Luminescence*, **2016**, 169, 520-527	3.8	18
161	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
160	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
159	Bifunctional luminescent and magnetic core/shell type nanostructures Fe3O4@CeF3:Tb3+/SiO2. *Journal of Rare Earths*, **2011**, 29, 1117-1122	3.7	18
158	Synthesis, spectroscopic and structural properties of uranyl complexes based on bipyridine N-oxide ligands. *Polyhedron*, **2011**, 30, 880-885	2.7	18
157	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
156	Antenna effect in an oxide xerogel. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **1998**, 54, 2183-2187	4.4	18
155	Luminescent cellulose fibers modified with cerium fluoride doped with terbium particles. *Polymer Composites*, **2016**, 37, 153-160	3	18
154	Electrochemiluminescence on Dy(III) and Tb(III)-doped Al/Al2O3 surface electrode. *Electrochemistry Communications*, **2006**, 8, 1071-1074	5.1	17
153	Quantitative resolution of spectroscopic systems using computer-assisted target factor analysis (CAT). *FreseniusJournal of Analytical Chemistry*, **2001**, 369, 124-33		17
152	Spectroscopic study of lanthanide(III) complexes with chosen aminoacids and hydroxyacids in solution. *Journal of Alloys and Compounds*, **2000**, 300-301, 38-44	5.7	17
151	Luminescent-plasmonic effects in GdPO4:Eu3+ nanorods covered with silver nanoparticles. *Journal of Luminescence*, **2017**, 188, 24-30	3.8	16
150	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
149	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
148	The structure and spectroscopy of lanthanide(III) complexes with picolinic acid N-oxide in solution and in the solid state. *Materials Chemistry and Physics*, **2009**, 114, 134-138	4.4	16
147	Structural and spectroscopy studies of complexes of the uranyl ion with 2,2?-bipyridine-N,N?-dioxide. *Polyhedron*, **2010**, 29, 2081-2086	2.7	16
146	Luminescent materials consisting of Eu(III) ions complexed in heteropolyoxometalates incorporated into silica xerogels. *Journal of Non-Crystalline Solids*, **2006**, 352, 2213-2219	3.9	16

145	Application of cause-and-effect diagrams to the interpretation of UV-Vis spectroscopic data. *Analytical and Bioanalytical Chemistry*, **2002**, 372, 333-40	4.4	16
144	The Antenna Effect of Eu(III) Cryptate Entrapped in Xerogel Matrices. *Molecular Crystals and Liquid Crystals*, **2000**, 354, 207-219		16
143	Quenching of the triplet state of benzophenone by lanthanide 1,3-diketonate chelates in solutions. *Monatshefte F□ Chemie*, **1988**, 119, 669-676	1.4	16
142	EPR Study of Gadolinium(III) Complexes with Heteropolyanions: [Gd(SiW11O39)2]13-and [GdP5W30O110]12-. *Acta Physica Polonica A*, **1996**, 90, 345-351	0.6	16
141	Synthesis and Spectroscopic Study of Europium(III) in Heteropolyanion [EuP5W30O110]12-. *Acta Physica Polonica A*, **1996**, 90, 361-366	0.6	16
140	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
139	Synthesis and electropolymerization of 3,5-dithienylpyridines, their complexes and N-methylpyridinium cations. *Synthetic Metals*, **2008**, 158, 831-838	3.6	15
138	A luminescene study of Eu(III) and Tb(III) complexes with aminopolycarboxylic acid ligands. *Journal of Photochemistry and Photobiology A: Chemistry*, **1994**, 79, 25-31	4.7	15
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136	Luminescence properties of Tm3+/Yb3+, Er3+/Yb3+ and Ho3+/Yb3+ activated calcium tungstate. *Journal of Rare Earths*, **2011**, 29, 1166-1169	3.7	14
135	An application of the total measurement uncertainty budget concept to the thermodynamic data of uranyl (VI) complexation by sulfate. *Journal of Chemical Thermodynamics*, **2006**, 38, 1274-1284	2.9	14
134	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
133	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
132	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
131	Kinetic study of dissociation of Eu(III) complex with H8dotp (H8dotp=1,4,7,10-tetraazacyclododecane-1,4,7,10-tetrakis(methylphosphonic acid)). *Inorganica Chimica Acta*, **2007**, 360, 3748-3755	2.7	13
130	Luminescence study of europium(III) tris(□diketonato)/phosphonate complexes in chloroform. *Journal of Rare Earths*, **2008**, 26, 185-191	3.7	13
129	Synthesis and spectroscopic characterisation of chosen heteropolyanions and their Ln(III) complexes containing tetrabutylammonium counter ion. *Journal of Alloys and Compounds*, **2004**, 374, 366-370	5.7	13
128	Green-emitting nanoscaled borate phosphors Sr3RE2(BO3)4:Tb3+. *Materials Chemistry and Physics*, **2013**, 140, 447-452	4.4	12

127	Spectroscopic studies of lanthanide(III) ion complexes with diethyl(phthalimidomethyl) phosphonate. *Journal of Luminescence*, **2010**, 130, 832-838	3.8	12
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125	Luminescence properties of materials consisting of Eu(III) or Tb(III) complexes with 2,2?-bipyridine N,N?-dioxide and coligands entrapped in xerogels. *Optical Materials*, **2008**, 30, 1225-1232	3.3	12
124	Simultaneous determination of molybdenum(VI) and tungsten(VI) and its application in elemental analysis of polyoxometalates. *Talanta*, **2006**, 69, 800-6	6.2	12
123	Luminescence characterisation of the reaction system histidine-KBrO3-Tb(III)-H2SO4. *Journal of Fluorescence*, **2006**, 16, 825-30	2.4	12
122	Spectroscopic studies of Ln(III) complexes with polyoxometalates in solids, and aqueous and non-aqueous solutions. *International Journal of Photoenergy*, **2003**, 5, 233-238	2.1	12
121	Chemometric and statistical analysis of polyoxometalate interaction with lanthanide(III) ions. *Talanta*, **2001**, 55, 371-86	6.2	12
120	Nanocrystalline rare earth fluorides doped with Pr3+ ions. *Journal of Rare Earths*, **2016**, 34, 802-807	3.7	12
119	Dual-center thermochromic Bi2MoO6:Yb3+, Er3+, Tm3+ phosphors for ultrasensitive luminescence thermometry. *Journal of Alloys and Compounds*, **2022**, 890, 161830	5.7	12
118	Synthesis, structural and spectroscopic studies on GdBO3:Yb3+/Tb3+@SiO2 core-shell nanostructures. *Journal of Rare Earths*, **2015**, 33, 1148-1154	3.7	11
117	Spectral analysis in ultraweak emissions of chemi- and electrochemiluminescence systems. *Journal of Rare Earths*, **2009**, 27, 593-597	3.7	11
116	Preparation and characterization of uranyl complexes with phosphonate ligands. *Journal of Thermal Analysis and Calorimetry*, **2010**, 100, 253-260	4.1	11
115	Spectroscopic studies of Eu(III) Keggin and Dawson polyoxotungstates substituted by acetato and oxalato ligands. *Journal of Alloys and Compounds*, **2008**, 451, 384-387	5.7	11
114	Spectroscopic properties of neodymium(III)-containing polyoxometalates in aqueous solution. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2005**, 62, 478-82	4.4	11
113	Spectroscopic speciation and structural characterisation of uranyl(VI) interaction with pyridine carboxylic acid N-oxide derivatives. *Inorganica Chimica Acta*, **2010**, 363, 3847-3855	2.7	10
112	Electron Paramagnetic Resonance study of chosen gadolinium(III) sandwiched- and encapsulated-polyoxometalate complexes. *Journal of Alloys and Compounds*, **1998**, 275-277, 349-352	5.7	10
111	Complexation of f electron (3+) ions with pseudohalide ligands. *Journal of Alloys and Compounds*, **1998**, 275-277, 754-758	5.7	10
110	Electrochemiluminescence Study of Europium (III) Complex with Coumarin3-Carboxylic Acid. *International Journal of Photoenergy*, **2008**, 2008, 1-6	2.1	10

109	Quantitative evaluation of Ln(III) pyridine N-oxide carboxylic acid spectra under chemometric and metrological aspects. *Journal of Alloys and Compounds*, **2006**, 408-412, 962-969	5.7	10
108	Quantum efficiency of the luminescence of Eu(III), Tb(III) and Dy(III) in aqueous solutions. *Monatshefte F Chemie*, **1989**, 120, 699-703	1.4	10
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