

Radosław Lisiecki

List of Publications by Year in descending order

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185
papers

2,977
citations

186265

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docs citations

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2282
citing authors

#	ARTICLE	IF	CITATIONS
1	The Structural and Optical Properties of 1,2,4-Triazolo[4,3-a]pyridine-3-amine. <i>Molecules</i> , 2022, 27, 721.	3.8	4
2	Thermal, spectroscopic and optical sensor properties of oxyfluorotellurite glasses doped with holmium and ytterbium. <i>Materials Research Bulletin</i> , 2022, 153, 111909.	5.2	5
3	Structure and optical properties of new nitro-derivatives of 2-N-alkiloamino-picoline N-oxide isomers. <i>Journal of Molecular Structure</i> , 2022, 1265, 133372.	3.6	2
4	Size-Dependent Photon Avalanching in Tm ³⁺ Doped LiYF ₄ Nano, Micro, and Bulk Crystals. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	13
5	Molecular structure and spectroscopic properties of new neodymium complex with 3-bromo-2-chloro-6-picolinic N-oxide showing the ligand-to-metal energy transfer. <i>Journal of Molecular Structure</i> , 2021, 1223, 128967.	3.6	8
6	Optimization of the thermometric performance of single band ratiometric luminescent thermometer based on Tb ³⁺ luminescence by the enhancement of thermal quenching of GSA-excited luminescence in TZPN glass. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157690.	5.5	17
7	Neodymium-doped germanotellurite glasses for laser materials and temperature sensing. <i>Journal of Alloys and Compounds</i> , 2021, 860, 157923.	5.5	18
8	Spectroscopic and luminescent properties of the lithium tetraborate glass co-doped with Nd and Ag. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157321.	5.5	23
9	Exploring the Impact of Structure-Sensitivity Factors on Thermographic Properties of Dy ³⁺ -Doped Oxide Crystals. <i>Materials</i> , 2021, 14, 2370.	2.9	14
10	Germanotellurite glasses doped with ytterbium and neodymium - Their spectroscopic properties and thermometric capability. <i>Journal of Luminescence</i> , 2021, 234, 117954.	3.1	1
11	Laser Refrigeration by an Ytterbium-Doped NaYF ₄ Microspinner. <i>Small</i> , 2021, 17, e2103122.	10.0	7
12	Luminescence Properties of Tetrahedral Coordinated Mn ²⁺ ; Genthelvitte and Willemite Examples. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1215.	2.0	4
13	Phonon Sideband Analysis and Near-Infrared Emission in Heavy Metal Oxide Glasses. <i>Materials</i> , 2021, 14, 121.	2.9	9
14	Silica-based oxyfluoride glass and glass-ceramic doped with Tm ³⁺ and Yb ³⁺ -VUV-VIS-NIR spectroscopy and optical thermometry. <i>Journal of Alloys and Compounds</i> , 2020, 814, 152304.	5.5	25
15	Spectroscopic and structural investigations of blue afwillite from Ma'ale Adummim locality, Palestinian Autonomy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117688.	3.9	6
16	Spectroscopic properties of thulium doped (Lu _{0.25} Gd _{0.75}) ₂ SiO ₅ (LGSO) single crystals. <i>Journal of Luminescence</i> , 2020, 220, 116962.	3.1	5
17	From upconversion to thermal radiation: spectroscopic properties of a submicron Y ₂ O ₃ :Er ³⁺ , Yb ³⁺ ceramic under IR excitation in an extremely broad temperature range. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1072-1082.	5.5	23
18	Spectroscopic properties of Dy ³⁺ ions in La ₃ Ga _{5.5} Ta _{0.5} O ₁₄ single crystal. <i>Journal of Luminescence</i> , 2020, 220, 116989.	3.1	10

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19	Multi-component tellurite glasses doped with erbium for multi-model temperature sensing and optical amplification. <i>Materials Research Bulletin</i> , 2020, 132, 110996.	5.2	9
20	Effect of Temperature on Luminescence of LiNbO ₃ Crystals Single-Doped with Sm ³⁺ , Tb ³⁺ , or Dy ³⁺ Ions. <i>Crystals</i> , 2020, 10, 1034.	2.2	18
21	Optical properties of terbium(III) and gadolinium(III) complexes with 2-hydroxy-5-methyl-3-nicotinic and 5-methyl-3-nicotinic acids – A new sensitive ligands for energy-transfer process. <i>Optical Materials</i> , 2020, 109, 110208.	3.6	1
22	Luminescence behaviour of the synthesized erbium and thulium co-doped potassium, sodium, lithium or rubidium yttrium double tungstate nanopowders. <i>Optical Materials</i> , 2020, 110, 110459.	3.6	3
23	Synergy between NIR luminescence and thermal emission toward highly sensitive NIR operating emissive thermometry. <i>Scientific Reports</i> , 2020, 10, 19692.	3.3	4
24	Some Complementary Data about the Spectroscopic Properties of Manganese Ions in Spodumene Crystals. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 554.	2.0	4
25	Effect of Tb ³⁺ concentration and co-doping with Ce ³⁺ ions on luminescence characteristics of terbium-doped (Lu _{0.25} Gd _{0.75}) ₂ SiO ₅ single crystals. <i>Optical Materials</i> , 2020, 107, 110155.	3.6	6
26	Er ³⁺ , Yb ³⁺ -doped oxyfluorotellurite glasses – Impact of temperature on spectroscopic properties and optical sensor qualities. <i>Journal of Non-Crystalline Solids</i> , 2020, 535, 119965.	3.1	21
27	Thermosensitive Tm ³⁺ /Yb ³⁺ co-doped oxyfluorotellurite glasses – spectroscopic and temperature sensor properties. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153753.	5.5	33
28	Down- and up-conversion of femtosecond light pulses into Pr ³⁺ luminescence in LiTaO ₃ :Pr ³⁺ single crystal. <i>Journal of Luminescence</i> , 2020, 224, 117294.	3.1	7
29	Nd ³⁺ doped TZPN glasses for NIR operating single band ratiometric approach of contactless temperature readout. <i>Journal of Luminescence</i> , 2020, 224, 117295.	3.1	25
30	Spectroscopic and luminescent properties of the lithium tetraborate glass co-doped with Tm and Ag. <i>Journal of Luminescence</i> , 2020, 225, 117357.	3.1	8
31	The afterglow effect of Mn-bearing natural LiAlSi ₂ O ₆ spodumene crystals. <i>Optical Materials</i> , 2019, 96, 109321.	3.6	5
32	Effect of temperature on up-conversion phenomena in Gd ₃ (Al,Ga) ₅ O ₁₂ crystals co-doped with Yb ³⁺ and Tm ³⁺ . <i>Journal of Luminescence</i> , 2019, 216, 116721.	3.1	8
33	Optical spectroscopy and luminescence properties of a Tm ³⁺ -doped LiKB ₄ O ₇ glass. <i>Journal of Non-Crystalline Solids</i> , 2019, 521, 119477.	3.1	16
34	Optical and magnetic properties of neodymium(III) six-coordinate complexes of 2,6-lutidine N-oxide derivatives. <i>Journal of Solid State Chemistry</i> , 2019, 276, 294-301.	2.9	7
35	Contribution of energy transfer processes to excitation and relaxation of Yb ³⁺ ions in Gd ₃ (Al,Ga) ₅ O ₁₂ :RE ³⁺ , Yb ³⁺ (RE ³⁺ = Tm ³⁺ , Er ³⁺ , Ho ³⁺ , Pr ³⁺). <i>Journal of Luminescence</i> , 2019, 211, 54-61.	3.1	16
36	Impact of temperature on excitation, emission and cross-relaxation processes of terbium ions in GGAG single crystal. <i>Journal of Alloys and Compounds</i> , 2019, 789, 409-415.	5.5	6

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37	Sm ³⁺ -doped oxyfluorotellurite glasses - spectroscopic, luminescence and temperature sensor properties. <i>Journal of Alloys and Compounds</i> , 2019, 788, 658-665.	5.5	43
38	Luminescence of Agrellite Specimen from the Kipawa River Locality. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 752.	2.0	3
39	Spectroscopic peculiarities of excitation and emission processes as well as relaxation dynamic of excited states in doubly and triply doped Gd ₃ Ga ₃ Al ₂ O ₁₂ :Ln ³⁺ (Ln ³⁺ =Eu ³⁺ , Tb ³⁺ , Ce ³⁺) crystals. <i>Optical Materials</i> , 2019, 88, 492-499.	3.6	10
40	DFT study of electron absorption and emission spectra of pyramidal LnPc(OAc) complexes of some lanthanide ions in the solid state. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 202-208.	3.9	8
41	Spectral and energetic transformation of femtosecond light impulses in the Eu ³⁺ complex with dehydroacetic acid. <i>Journal of Luminescence</i> , 2018, 198, 471-481.	3.1	4
42	Optical study of Tm-doped solid solution (Sc _{0.5} Y _{0.5}) ₂ SiO ₅ crystal. <i>Journal of Crystal Growth</i> , 2018, 487, 83-86.	1.5	6
43	Spectroscopic investigation and DFT modelling studies of Eu ³⁺ complex with 1-(2,6-dihydroxyphenyl)ethanone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 200, 322-329.	3.9	0
44	Spectroscopy of Nd ³⁺ luminescence centres in Li ₂ B ₄ O ₇ :Nd, LiCaBO ₃ :Nd, and CaB ₄ O ₇ :Nd glasses. <i>Journal of Luminescence</i> , 2018, 198, 183-192.	3.1	32
45	The absorption- and luminescence spectra of Mn ³⁺ in beryl and vesuvianite. <i>Physics and Chemistry of Minerals</i> , 2018, 45, 475-488.	0.8	22
46	Spectroscopic peculiarities of CsCa ₃ :Tm ²⁺ single crystals examined through one-photon and excited state excitation spectroscopy. <i>Journal of Alloys and Compounds</i> , 2018, 740, 1165-1171.	5.5	3
47	Oxyfluorotellurite glasses doped with neodymium and ytterbium - thermal and spectroscopic properties as well as energy transfer phenomena. <i>Journal of Luminescence</i> , 2018, 199, 310-318.	3.1	23
48	Photophysical properties and ab initio HF and DFT calculations of the structure and spectroscopy of axially chloro substituted Yb(III) mono-phthalocyanines in different systems. <i>Journal of Luminescence</i> , 2018, 193, 84-89.	3.1	7
49	Influence of excitation wavelengths on up-converted luminescence sensing behavior of Er ³⁺ ions in lead-free germanate glass. <i>Journal of Luminescence</i> , 2018, 193, 34-38.	3.1	10
50	Optical spectra and excited state relaxation dynamics of Sm ²⁺ ions in SrCl ₂ , SrBr ₂ and SrI ₂ crystals. <i>Journal of Luminescence</i> , 2018, 195, 159-165.	3.1	10
51	Enhancement of the Er ³⁺ luminescence in Er ³⁺ /Ag co-doped Li ₂ B ₄ O ₇ glasses. <i>Optical Materials</i> , 2018, 85, 238-245.	3.6	25
52	Down- and Upconversion Phenomena in Gd ₃ (Al,Ga) ₅ O ₁₂ Crystals Doped with Pr ³⁺ and Yb ³⁺ Ions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13061-13071.	3.1	16
53	A study of optical properties of Tm ³⁺ ions in Y ₂ Te ₄ O ₁₁ microcrystalline powder. <i>Journal of Luminescence</i> , 2018, 202, 354-362.	3.1	3
54	Erbium-doped fluorotellurite titanate glasses for near infrared broadband amplifiers. <i>Optical Materials</i> , 2018, 83, 257-262.	3.6	19

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55	Thermal and optical properties of oxyfluorotellurite glasses doped with europium ions. Journal of Alloys and Compounds, 2017, 704, 180-186.	5.5	20
56	Green and red up-conversion luminescence of Er ³⁺ in lead silicate glass under excitation of Yb ³⁺ . Proceedings of SPIE, 2017, , .	0.8	0
57	The crystallization kinetics of Er/Yb co-doped oxyfluoride glasses. Proceedings of SPIE, 2017, , .	0.8	2
58	Oxyfluoride silicate glasses and glass-ceramics doped with erbium and ytterbium - An examination of luminescence properties and up-conversion phenomena. Materials and Design, 2017, 126, 174-182.	7.0	10
59	Spectral and laser performance of a Tm ³⁺ :ScYSiO ₅ crystal. Journal of Alloys and Compounds, 2017, 712, 412-417.	5.5	8
60	Spectroscopic properties of Eu ³⁺ complex with 2-hydroxy-4-methoxy-benzophenone - IR, Raman, DFT calculations and femtosecond laser excited luminescence. Journal of Luminescence, 2017, 190, 371-378.	3.1	0
61	Effect of temperature on optical properties and thermal conductivity of vanadate crystals doped with thulium and erbium. Journal of Alloys and Compounds, 2017, 710, 491-500.	5.5	1
62	Up-conversion luminescence of Er ³⁺ ions in lead-free germanate glasses under 800nm and 980nm cw diode laser excitation. Optical Materials, 2017, 74, 105-108.	3.6	14
63	Spectroscopic properties of Er ³⁺ -doped fluorotellurite glasses containing various modifiers. Optical Materials, 2017, 73, 509-516.	3.6	9
64	Erbium-doped lead silicate glass for near-infrared emission and temperature-dependent up-conversion applications. Opto-electronics Review, 2017, 25, 238-241.	2.4	11
65	Influence of temperature on up-conversion luminescence in Er ³⁺ /Yb ³⁺ doubly doped lead-free fluorogermanate glasses for optical sensing. Sensors and Actuators B: Chemical, 2017, 253, 85-91.	7.8	27
66	Spectroscopy of new Sm(III) orange emitting phosphors of the type Na[Sm(SP) ₄], Na[Sm(WO) ₄] (where SP = C ₆ H ₅ S(O)C(CH ₃) ₂ ; WO = CCl ₃ C(O)NP(O)(OCH ₃) ₂) and the polymeric materials obtained on their base. Optical Materials, 2017, 63, 32-41.	3.6	8
67	Er ³⁺ /Yb ³⁺ co-doped lead silicate glasses and their optical temperature sensing ability. Optics Express, 2017, 25, 28501.	3.4	11
68	Erbium and ytterbium co-doped transparent oxyfluoride glass-ceramics optical fibers. , 2017, , .		0
69	Gd ₃ Ga ₃ Al ₂ O ₁₂ single crystal doped with dysprosium: Spectroscopic properties and luminescence characteristics. Journal of Alloys and Compounds, 2016, 689, 733-739.	5.5	19
70	Er ³⁺ /Yb ³⁺ co-doped lead germanate glasses for up-conversion luminescence temperature sensors. Sensors and Actuators A: Physical, 2016, 252, 54-58.	4.1	46
71	Relationship between morphology and structure of shape-controlled CeO ₂ nanocrystals synthesized by microwave-assisted hydrothermal method. Crystal Research and Technology, 2016, 51, 554-560.	1.3	23
72	Luminescence properties of the Ca- α -sialon:Eu solid solution. Optical Materials, 2016, 59, 43-48.	3.6	4

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73	Sensitive optical temperature sensor based on up-conversion luminescence spectra of Er ³⁺ ions in PbO–Ga ₂ O ₃ –XO ₂ (X=Ge, Si) glasses. <i>Optical Materials</i> , 2016, 59, 87-90.	3.6	38
74	Spectroscopy of the Er-doped lithium tetraborate glasses. <i>Optical Materials</i> , 2016, 54, 126-133.	3.6	32
75	Czochralski growth and optical properties of SrB ₂ O ₄ :Eu ²⁺ single crystals. <i>Journal of Luminescence</i> , 2016, 169, 807-810.	3.1	3
76	Luminescence and energy transfer phenomena in YVO ₄ single crystal co-doped with Tm ³⁺ and Eu ³⁺ . <i>Journal of Luminescence</i> , 2015, 162, 134-139.	3.1	12
77	Oxyfluorotellurite glasses doped by dysprosium ions. Thermal and optical properties. <i>Optical Materials</i> , 2015, 42, 538-543.	3.6	20
78	Judd–Ofelt analysis and radiative properties of the Sm ³⁺ centres in Li ₂ B ₄ O ₇ , CaB ₄ O ₇ , and LiCaBO ₃ glasses. <i>Optical Materials</i> , 2015, 49, 241-248.	3.6	49
79	Spontaneous and stimulated emission in Sm ³⁺ -doped YAl ₃ (BO ₃) ₄ single crystal. <i>Journal of Luminescence</i> , 2015, 167, 163-166.	3.1	7
80	Thermal analysis and near-infrared luminescence of Er ³⁺ -doped lead phosphate glasses modified by PbF ₂ . <i>Journal of Luminescence</i> , 2015, 160, 57-63.	3.1	17
81	Spectroscopic Properties of Pr ³⁺ Ion in Various Tellurite Glasses. <i>Acta Physica Polonica A</i> , 2014, 126, 1269-1271.	0.5	0
82	Effect of substitution of lutetium by gadolinium on emission characteristics of (Lu _x Gd _{1-x}) ₂ SiO ₅ :Sm ³⁺ single crystals. <i>Optical Materials Express</i> , 2014, 4, 739.	3.0	9
83	Spectroscopic characterization of Sm ³⁺ in La ₃ Ga _{5.5} Ta _{0.5} O ₁₄ single crystals. <i>Journal of Alloys and Compounds</i> , 2014, 610, 50-54.	5.5	21
84	Effect of temperature on excited state relaxation dynamics and up-conversion phenomena in La ₃ Ga _{5.5} Ta _{0.5} O ₁₄ :Er ³⁺ single crystals. <i>Journal of Alloys and Compounds</i> , 2014, 610, 451-455.	5.5	6
85	Energy transfer processes from Yb ³⁺ to Ln ³⁺ (Ln=Er or Tm) in heavy metal glasses. <i>Journal of Rare Earths</i> , 2014, 32, 273-276.	4.8	7
86	Spectroscopic characterization of CaNb ₂ O ₆ single crystal doped with samarium ions. <i>Journal of Luminescence</i> , 2014, 151, 123-129.	3.1	13
87	Structural, optical and EPR studies of NaCe(PO ₃) ₄ metaphosphate doped with Cr ³⁺ . <i>Journal of Luminescence</i> , 2014, 146, 342-350.	3.1	7
88	Spectroscopic properties of the Pr ³⁺ ion in TeO ₂ -WO ₃ -PbO-La ₂ O ₃ and TeO ₂ -WO ₃ -PbO-Lu ₂ O ₃ glasses. <i>Open Physics</i> , 2014, 12, .	1.7	1
89	Luminescence and other spectroscopic properties of purple and green Cr-clinochlore. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 115-126.	0.8	7
90	Optical study of La ₃ Ga _{5.5} Ta _{0.5} O ₁₄ single crystal co-doped with Ho ³⁺ and Yb ³⁺ . <i>Applied Physics B: Lasers and Optics</i> , 2014, 116, 183-194.	2.2	22

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91	Structural, optical and EPR studies of Cr ³⁺ doped Na ₃ Ce(PO ₄) ₂ orthophosphate. Journal of Alloys and Compounds, 2014, 606, 124-131.	5.5	6
92	Optical properties of crystals doped with Sm ³⁺ or Dy ³⁺ relevant to potential InGaN/GaN laser diode-pumped visible laser operation: A comparative study. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697		
93	Effect of temperature on optical spectra and relaxation dynamics of Sm ³⁺ in Gd ₃ Ga ₅ O ₁₂ single crystals. Journal of Alloys and Compounds, 2014, 582, 208-212.	5.5	12
94	Spectroscopic, dielectric properties and local structure observation by EXAFS for Nd ₂ Y ₂ CaF ₁₀ crystal. Laser Physics, 2014, 24, 105703.	1.2	13
95	Crystal growth and spectroscopic properties of praseodymium and cerium co-doped Y ₂ SiO ₅ . Journal of Luminescence, 2014, 145, 547-552.	3.1	7
96	Spectroscopic characterization of Sm ³⁺ doped (Lu _{0.4} Gd _{0.6}) ₂ SiO ₅ single crystals. Optical Materials, 2014, 36, 740-745.	3.6	12
97	Spectral transformation of infrared ultrashort pulses in laser crystals. Optical Materials, 2014, 36, 1745-1748.	3.6	8
98	Enhanced and Long-Lived Near-Infrared Luminescence of Er ³⁺ Ions in Lead Borate Glass-Ceramics Containing PbWO ₄ Nanocrystals. Journal of the American Ceramic Society, 2013, 96, 1685-1687.	3.8	3
99	Investigation of visible emission induced by infrared femtosecond pulses in erbium-doped YVO ₄ and LuVO ₄ single crystals. Journal of Luminescence, 2013, 144, 217-222.	3.1	3
100	Spectroscopic peculiarities of praseodymium impurities in Lu ₃ Al ₅ O ₁₂ single crystal. Journal of Alloys and Compounds, 2013, 550, 173-178.	5.5	13
101	VUV and UV-vis optical study on KGd ₂ F ₇ luminescent host doped with terbium and co-doped with europium. Journal of Luminescence, 2013, 143, 293-297.	3.1	8
102	PbWO ₄ formation during controlled crystallization of lead borate glasses. Ceramics International, 2013, 39, 9151-9156.	4.8	8
103	Spectroscopy and laser operation of Ho:CaYAlO ₄ . Optical Materials Express, 2013, 3, 339.	3.0	16
104	Czochralski Growth and Optical Properties of (Lu _x Gd _{1-x}) ₂ SiO ₅ Solid Solution Crystals Single Doped with Sm ³⁺ and Dy ³⁺ . Acta Physica Polonica A, 2013, 124, 321-328.	0.5	2
105	The luminescence properties of rare-earth ions in natural fluorite. Physics and Chemistry of Minerals, 2012, 39, 639-648.	0.8	22
106	Near-infrared photoluminescence spectra in Bi-doped CsI crystal: evidence for Bi-valence conversions and Bi ion aggregation. Optical Materials Express, 2012, 2, 757.	3.0	34
107	A study on microstructure and luminescent properties of oxyfluoride silicate glass-ceramics with (Ho ³⁺ ,Yb ³⁺):NaYF ₄ crystallites. Journal of Alloys and Compounds, 2012, 511, 189-194.	5.5	23
108	Synthesis, EPR and optical spectroscopy of the Cr-doped tetraborate glasses. Optical Materials, 2012, 34, 2112-2119.	3.6	69

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109	Luminescence quenching of Dy ³⁺ ions in lead bismuthate glasses. <i>Chemical Physics Letters</i> , 2012, 531, 114-118.	2.6	17
110	Growth conditions, structure, Raman characterization and optical properties of Sm-doped (LuxGd ^{1-x}) ₂ SiO ₅ single crystals grown by the Czochralski method. <i>Journal of Solid State Chemistry</i> , 2012, 186, 268-277.	2.9	25
111	Spectroscopic properties of Nd ³⁺ ion in several types of phosphate materials. <i>Optical Materials</i> , 2012, 34, 1023-1028.	3.6	14
112	Optical spectra and excited state relaxation dynamics of Sm ³⁺ in Gd ₂ SiO ₅ single crystal. <i>Applied Physics B: Lasers and Optics</i> , 2012, 106, 85-93.	2.2	27
113	Optical spectroscopy of Nd-doped borate glasses. , 2012, , .		3
114	Near-infrared ultrabroadband luminescence spectra properties of subvalent bismuth in CsI halide crystals. <i>Optics Letters</i> , 2011, 36, 4551.	3.3	47
115	Spectroscopic properties of Yb ³⁺ and Er ³⁺ ions in heavy metal glasses. <i>Journal of Alloys and Compounds</i> , 2011, 509, 8088-8092.	5.5	45
116	Glass preparation and temperature-induced crystallization in multicomponent B ₂ O ₃ -PbX ₂ -PbO-Al ₂ O ₃ -WO ₃ -Dy ₂ O ₃ (X = F, Cl, Br) system. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 1228-1231.	3.7	15
117	Near-infrared luminescence and up-conversion processes of lanthanide ions in heavy metal glasses. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
118	Er-doped and Er, Yb co-doped oxyfluoride glasses and glass-ceramics, structural and optical properties. <i>Optical Materials</i> , 2011, 33, 1630-1637.	3.6	36
119	Thulium-doped vanadate crystals: Growth, spectroscopy and laser performance. <i>Progress in Quantum Electronics</i> , 2011, 35, 109-157.	7.0	46
120	Up-conversion processes of rare earth ions in heavy metal glasses. <i>Journal of Rare Earths</i> , 2011, 29, 1192-1194.	4.8	7
121	Optical properties of the Tm ³⁺ and energy transfer between Tm ³⁺ and Pr ³⁺ ions in P ₂ O ₅ -CaO-SrO-BaO phosphate glass. <i>Optical Materials</i> , 2011, 33, 506-510.	3.6	18
122	Enhancement of luminescence properties of Eu ³⁺ :YVO ₄ in polymeric nanocomposites upon UV excitation. <i>Journal of Luminescence</i> , 2011, 131, 473-476.	3.1	29
123	Luminescence spectroscopy of rare earth-doped oxychloride lead borate glasses. <i>Journal of Luminescence</i> , 2011, 131, 649-652.	3.1	13
124	Rare earth-doped lead borate glasses and transparent glass-ceramics: Structure-property relationship. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 696-700.	3.9	53
125	Structural Peculiarities, Energy Transfer and the Visible Emission in Gd ₂ SiO ₅ Single Crystal Doped with Pr ³⁺ , Sm ³⁺ and Dy ³⁺ . , 2011, , .		0
126	Photoluminescent properties of rare-earth ions in TeO ₂ -WO ₃ -PbO-La ₂ O ₃ glasses. , 2011, , .		0

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127	Heat Generation and Flow and Thermal Effects on Optical Spectra in Laser Diode Pumped Thulium-doped Vanadate Crystals. , 2011, , .		0
128	Laser spectroscopy of rare earth ions in lead borate glasses and transparent glass-ceramics. Laser Physics, 2010, 20, 649-655.	1.2	16
129	Luminescence properties of Pr ³⁺ and Sm ³⁺ ions in natural apatites. Physics and Chemistry of Minerals, 2010, 37, 425-433.	0.8	11
130	Optical spectra and luminescence dynamics of the Dy-doped Gd ₂ SiO ₅ single crystal. Applied Physics B: Lasers and Optics, 2010, 98, 337-346.	2.2	45
131	Dy-doped Lu ₂ SiO ₅ single crystal: spectroscopic characteristics and luminescence dynamics. Applied Physics B: Lasers and Optics, 2010, 99, 285-297.	2.2	45
132	Optical study of single crystals grown by the Czochralski method from Yb ³⁺ -doped (Gd ^{1-x} Y ^x) ₂ SiO ₅ solid solution. Applied Physics B: Lasers and Optics, 2010, 100, 493-498.	2.2	8
133	Spectroscopic characterisation of Er-doped LuVO ₄ single crystals. Applied Physics B: Lasers and Optics, 2010, 101, 791-800.	2.2	19
134	Optical spectroscopy of Er ³⁺ -doped LaVO ₄ crystal. Journal of Luminescence, 2010, 130, 131-136.	3.1	21
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