Wojciech Andrzej Pisarski

List of Publications by Year
in descending order

		136740	243296
155 papers	3,259 citations	32 h-index	44 g-index

156 all docs	156 docs citations	156 times ranked	2216 citing authors

#	Article	IF	Citations
1	Structure and properties of rare earth-doped lead borate glasses. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 122, 94-99.	1.7	120
2	Laser spectroscopy of Nd3+ and Dy3+ ions in lead borate glasses. Optics and Laser Technology, 2010, 42, 805-809.	2.2	95
3	Structure and spectroscopy of rare earth â€“ Doped lead phosphate glasses. Journal of Alloys and Compounds, 2014, 587, 90-98.	2.8	78
4	Er-Doped Lead Borate Glasses and Transparent Glass Ceramics for Near-Infrared Luminescence and Up-Conversion Applications. Journal of Physical Chemistry B, 2007, 111, 2427-2430.	1.2	66
5	Visible and infrared spectroscopy of Pr3+and Tm3+ions in lead borate glasses. Journal of Physics Condensed Matter, 2004, 16, 6171-6184.	0.7	56
6	Transition metal (Cr3+) and rare earth (Eu3+, Dy3+) ions used as a spectroscopic probe in compositional-dependent lead borate glasses. Journal of Alloys and Compounds, 2009, 484, 45-49.	2.8	56
7	Compositional-dependent lead borate based glasses doped with Eu3+ ions: Synthesis and spectroscopic properties. Journal of Physics and Chemistry of Solids, 2006, 67, 2452-2457.	1.9	55
8	Highly Phosphorescent Cyclometalated Iridium(III) Complexes for Optoelectronic Applications: Fine Tuning of the Emission Wavelength through Ancillary Ligands. Journal of Physical Chemistry C, 2016, 120, 7284-7294.	1.5	52
9	Tri-color upconversion luminescence of Rare earth doped BaTiO_3 nanocrystals and lowered color separation. Optics Express, 2009, 17, 9089.	1.7	49
10	Structural and luminescent properties of germanate glasses and double-clad optical fiber co-doped with Yb3+/Ho3+. Journal of Alloys and Compounds, 2017, 727, 1221-1226.	2.8	47
11	Investigation of Eu3+ sites in SrLaGa3O7, SrLaGaO4 and SrLaAlO4 crystals. Journal of Physics and Chemistry of Solids, 1997, 58, 639-645.	1.9	46
12	Er3+/Yb3+ co-doped lead germanate glasses for up-conversion luminescence temperature sensors. Sensors and Actuators A: Physical, 2016, 252, 54-58.	2.0	46
13	Tm³⁺/Ho³⁺ co-doped germanate glass and double-clad optical fiber for broadband emission and lasing above 2 Âµm. Optical Materials Express, 2019, 9, 1450.	1.6	46
14	Spectroscopic properties of Yb3+ and Er3+ ions in heavy metal glasses. Journal of Alloys and Compounds, 2011, 509, 8088-8092.	2.8	45
15	Erbium-doped oxide and oxyhalide lead borate glasses for near-infrared broadband optical amplifiers. Chemical Physics Letters, 2009, 472, 217-219.	1.2	44
16	Influence of BaF_2 and activator concentration on broadband near-infrared luminescence of Pr^3+ ions in gallo-germanate glasses. Optics Express, 2016, 24, 2427.	1.7	44
17	Investigation of upconversion luminescence in antimonyâ€“germanate double-clad two cores optical fiber co-doped with Yb /Tm3+ and Yb3+/Ho3+ ions. Journal of Luminescence, 2016, 170, 795-800.	1.5	43
18	Up-converted luminescence in Ybâ€“Tm co-doped lead fluoroborate glasses. Journal of Alloys and Compounds, 2008, 451, 226-228.	2.8	42

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19	Unusual luminescence behavior of Dy3+-doped lead borate glass after heat treatment. Chemical Physics Letters, 2010, 489, 198-201.	1.2	41
20	Effect of erbium concentration on physical properties of fluoroindate glass. Chemical Physics Letters, 2003, 380, 604-608.	1.2	40
21	Optical spectroscopy of Dy3+ ions in heavy metal lead-based glasses and glassâ€"ceramics. Journal of Molecular Structure, 2011, 993, 160-166.	1.8	39
22	Absorption and luminescence properties of terbium ions in heavy metal glasses. Journal of Alloys and Compounds, 2013, 578, 512-516.	2.8	39
23	Energy transfer from Dy3+ to Tb3+ in lead borate glass. Materials Letters, 2014, 129, 146-148.	1.3	39
24	Compositional-dependent europium-doped lead phosphate glasses and their spectroscopic properties. Optical Materials, 2015, 40, 91-96.	1.7	39
25	Energy transfer from Tb3+ to Eu3+ in lead borate glass. Journal of Non-Crystalline Solids, 2014, 388, 1-5.	1.5	38
26	Sensitive optical temperature sensor based on up-conversion luminescence spectra of Er3+ ions in PbOâ€"Ga2O3â€"XO2 (X=Ge, Si) glasses. Optical Materials, 2016, 59, 87-90.	1.7	38
27	Spectroscopy and energy transfer in Tb 3+ /Sm 3+ co-doped lead borate glasses. Journal of Luminescence, 2018, 195, 87-95.	1.5	37
28	Anisotropy of optical properties of SrLaAlO4 and SrLaAlO4:Nd. Journal of Alloys and Compounds, 1995, 217, 263-267.	2.8	36
29	Role of PbO substitution by PbF2 on structural behavior and luminescence of rare earth-doped lead borate glass. Journal of Alloys and Compounds, 2008, 451, 220-222.	2.8	36
30	Optical transitions of Eu^3+ and Dy^3+ ions in lead phosphate glasses. Optics Letters, 2011, 36, 990.	1.7	36
31	Nd-doped oxyfluoroborate glasses and glass-ceramics for NIR laser applications. Journal of Alloys and Compounds, 2008, 451, 223-225.	2.8	35
32	Structural and optical aspects for Eu3+ and Dy3+ ions in heavy metal glasses based on PbOâ€"Ga2O3â€"XO2 (X=Te, Ge, Si). Optical Materials, 2013, 35, 1051-1056.	1.7	32
33	Excitation and luminescence of rare earth-doped lead phosphate glasses. Applied Physics B: Lasers and Optics, 2014, 116, 837-845.	1.1	32
34	Electrical and optical properties of glasses and glass-ceramics. Journal of Non-Crystalline Solids, 2018, 498, 352-363.	1.5	32
35	Luminescence investigations of rare earth doped lead-free borate glasses modified by MO (MÂ=ÂCa, Sr,) Tj ETQq1 1 0.784314 rgBT /Ov	2.0	30
36	Effect of GeO2 content on structural and spectroscopic properties of antimony glasses doped with Sm3+ ions. Journal of Molecular Structure, 2016, 1126, 207-212.	1.8	30

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37	Glass structure and NIR emission of Er3+ at 1.5 Î¼m in oxyfluoride BaF2â€“Al2O3â€“B2O3 glasses. Optical Materials, 2015, 50, 238-243.	1.7	29
38	Synthesis, Electrochemistry, Crystal Structures, and Optical Properties of Quinoline Derivatives with a 2,2â€²â€Bithiophene Motif. European Journal of Organic Chemistry, 2014, 2014, 5256-5264.	1.2	27
39	Influence of temperature on up-conversion luminescence in Er3+/Yb3+ doubly doped lead-free fluorogermanate glasses for optical sensing. Sensors and Actuators B: Chemical, 2017, 253, 85-91.	4.0	27
40	Structural and spectroscopic properties of lead phosphate glasses doubly doped with Tb 3+ and Eu 3+ ions. Journal of Molecular Structure, 2018, 1163, 418-427.	1.8	27
41	Graphene oxide covalently modified with 2,2â€²-iminodiacetic acid for preconcentration of Cr(III), Cu(II), Zn(II) and Pb(II) from water samples prior to their determination by energy dispersive X-ray fluorescence spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 147, 79-86.	1.5	27
42	Passive mode locking of a Nd3+:SrLaGa3O7 laser. Applied Physics Letters, 1995, 67, 2442-2444.	1.5	26
43	Long-lived emission from Eu3+:PbF2 nanocrystals distributed into solâ€“gel silica glass. Journal of Sol-Gel Science and Technology, 2013, 68, 278-283.	1.1	26
44	Excitation and luminescence of Dy3+ ions in PbO-P2O5-Ga2O3 glass system. Journal of Rare Earths, 2014, 32, 213-216.	2.5	26
45	Influence of silicate solâ€“gel host matrices and catalyst agents on the luminescent properties of Eu³⁺/Gd³⁺ under different excitation wavelengths. RSC Advances, 2015, 5, 98773-98782.	1.7	26
46	Spectroscopic study of Eu3+ ions in heavy metal fluoride and oxide glasses. Physica Status Solidi (B): Basic Research, 2005, 242, 2910-2918.	0.7	25
47	Up-conversion luminescence of Tb^3+ ions in germanate glasses under diode-laser excitation of Yb^3+. Optical Materials Express, 2014, 4, 1050.	1.6	25
48	2â€Î¼m emission in gallo-germanate glasses and glass fibers co-doped with Yb3+/Ho3+ and Yb3+/Tm3+/Ho3+. Journal of Luminescence, 2019, 211, 341-346.	1.5	25
49	Terbium-doped heavy metal glasses for green luminescence. Journal of Rare Earths, 2011, 29, 1198-1200.	2.5	24
50	Towards lead-free oxyfluoride germanate glasses singly doped with Er 3+ for long-lived near-infrared luminescence. Materials Chemistry and Physics, 2014, 148, 485-489.	2.0	23
51	Spectral analysis of Pr3+ doped germanate glasses modified by BaO and BaF2. Journal of Luminescence, 2016, 171, 138-142.	1.5	23
52	Terbium-terbium interactions in lead phosphate glasses. Journal of Applied Physics, 2013, 113, 143504.	1.1	22
53	Ultraviolet-to-visible downconversion luminescence in solgel oxyfluoride glass ceramics containing Eu^3+:GdF_3 nanocrystals. Optics Letters, 2014, 39, 3181.	1.7	22
54	Structural and optical investigations of rare earth doped lead-free germanate glasses modified by MO and MF2 (M = Ca, Sr, Ba). Journal of Non-Crystalline Solids, 2016, 431, 145-149.	1.5	22

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55	Local structure and luminescent properties of lead phosphate glasses containing rare earth ions. Journal of Rare Earths, 2011, 29, 1157-1160.	2.5	21
56	Influence of PbF2 concentration on thermal, structural and spectroscopic properties of Eu3+-doped lead phosphate glasses. Journal of Molecular Structure, 2014, 1075, 605-608.	1.8	21
57	Lead borate glasses triply doped with Dy3+/Tb3+/Eu3+ ions for white emission. Optical Materials, 2018, 82, 110-115.	1.7	21
58	Influence of MO/MF2 modifiers (MÂ=ÂCa, Sr, Ba) on spectroscopic properties of Eu3+ ions in germanate and borate glasses. Optical Materials, 2016, 61, 59-63.	1.7	20
59	Lead fluoride Î²-PbF 2 nanocrystals containing Eu 3+ and Tb 3+ ions embedded in sol-gel materials: Thermal, structural and optical investigations. Ceramics International, 2017, 43, 8424-8432.	2.3	20
60	Spectroscopic properties of antimony modified germanate glass doped with Eu3+ ions. Ceramics International, 2019, 45, 24811-24817.	2.3	20
61	Structure, luminescence and energy transfer of fluoroindate glasses co-doped with Er3+/Ho3+. Ceramics International, 2020, 46, 26403-26409.	2.3	20
62	Near-IR and mid-IR luminescence and energy transfer in fluoroindate glasses co-doped with Er³⁺/Tm³⁺. Optical Materials Express, 2019, 9, 4772.	1.6	20
63	Optical properties of silica sol-gel materials singly- and doubly-doped with Eu3+and Gd3+ ions. Journal of Rare Earths, 2016, 34, 786-795.	2.5	19
64	Influence of P2O5 concentration on structural, thermal and optical behavior of Pr-activated fluoroindate glass. Physica B: Condensed Matter, 2007, 388, 331-336.	1.3	18
65	Energy transfer from Gd3+ to Eu3+ in silica xerogels. Journal of Luminescence, 2014, 154, 290-293.	1.5	18
66	Enhancement and quenching photoluminescence effects for rare earth â€" Doped lead bismuth gallate glasses. Journal of Alloys and Compounds, 2015, 651, 565-570.	2.8	18
67	Effect of BaF₂ Content on Luminescence of Rareâ€Earth Ions in Borate and Germanate Glasses. Journal of the American Ceramic Society, 2016, 99, 2009-2016.	1.9	18
68	Photoluminescence investigation of sol-gel glass-ceramic materials containing SrF2:Eu3+ nanocrystals. Journal of Alloys and Compounds, 2019, 810, 151935.	2.8	18
69	Effect of acceptor ions concentration in lead phosphate glasses co-doped with Tb3+â€"Ln3+ (LnÂ=ÂEu, Sm) for LED applications. Journal of Rare Earths, 2019, 37, 1145-1151.	2.5	18
70	Optical spectroscopy of a chromium doped (CH3)2NH2Al(SO4)2Â·6H2O single crystal in the ferroelectric phase. Chemical Physics Letters, 1997, 264, 323-326.	1.2	17
71	Luminescence quenching of Dy3+ ions in lead bismuthate glasses. Chemical Physics Letters, 2012, 531, 114-118.	1.2	17
72	Influence of PbF2 concentration on spectroscopic properties of Eu3+ and Dy3+ ions in lead borate glasses. Journal of Non-Crystalline Solids, 2013, 377, 114-118.	1.5	17

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73	NIR to visible upconversion in double â€“ clad optical fiber co-doped with Yb^3+/Ho^3+. Optical Materials Express, 2015, 5, 1505.	1.6	17
74	Thermal analysis and near-infrared luminescence of Er3+-doped lead phosphate glasses modified by PbF2. Journal of Luminescence, 2015, 160, 57-63.	1.5	17
75	White light emission through energy transfer processes in barium gallo-germanate glasses co-doped with Dy3+-Ln3+ (Ln =Ce, Tm). Optical Materials, 2019, 87, 63-69.	1.7	17
76	Energy dispersive X-ray fluorescence spectrometric determination of copper, zinc, lead and chromium species after preconcentration on graphene oxide chemically modified with mercapto-groups. Journal of Analytical Atomic Spectrometry, 2019, 34, 1416-1425.	1.6	17
77	Laser spectroscopy of rare earth ions in lead borate glasses and transparent glass-ceramics. Laser Physics, 2010, 20, 649-655.	0.6	16
78	Luminescence of Eu3+/Gd3+ co-doped silicate solâ€“gel powders. Journal of Luminescence, 2015, 166, 356-360.	1.5	16
79	Rare earths in lead-free oxyfluoride germanate glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 134, 587-591.	2.0	16
80	Rare earth-doped barium gallo-germanate glasses and their near-infrared luminescence properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 201, 362-366.	2.0	16
81	Structure and luminescent properties of oxyfluoride glass-ceramics with YF3:Eu3+ nanocrystals derived by sol-gel method. Journal of the European Ceramic Society, 2019, 39, 5010-5017.	2.8	16
82	Influence of the rare earth ions concentration on luminescence properties of barium gallo-germanate glasses for white lighting. Journal of Luminescence, 2019, 211, 375-381.	1.5	16
83	Glass preparation and temperature-induced crystallization in multicomponent B2O3â€“PbX2â€“PbOâ€“Al2O3â€“WO3â€“Dy2O3 (X = F, Cl, Br) system. Journal of Non-Crystalline Solids, 2011, 357, 1228-1231.	1.5	15
84	Spectroscopy and energy transfer in lead borate glasses doubly doped with Dy3+â€“Tb3+ and Tb3+â€“Eu3+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 129, 649-653.	2.0	15
85	Luminescent Studies on Germanate Glasses Doped with Europium Ions for Photonic Applications. Materials, 2020, 13, 2817.	1.3	15
86	Optical spectroscopy of chromium doped (CH3)2NH2X(SO4)2Â·6H2O (X=Al, Ga) single crystals. Journal of Molecular Structure, 1998, 450, 219-222.	1.8	14
87	Upconversion emission in antimonyâ€“germanate double-clad optical fiber co-doped with Yb3+/Tm3+ ions. Optical Materials, 2015, 41, 108-111.	1.7	14
88	Influence of activator concentration on green-emitting Tb 3+ -doped materials derived by sol-gel method. Journal of Luminescence, 2017, 188, 400-408.	1.5	14
89	Up-conversion luminescence of Er 3+ ions in lead-free germanate glasses under 800Ânm and 980Ânm cw diode laser excitation. Optical Materials, 2017, 74, 105-108.	1.7	14
90	Structural and luminescence properties of silica powders and transparent glassâ€ceramics containing LaF₃:Eu³⁺ nanocrystals. Journal of the American Ceramic Society, 2018, 101, 4654-4668.	1.9	14

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91	Photoluminescence and energy transfer in transparent glass-ceramics based on GdF3:RE3+ (REÂ=ÂTb, Eu) nanocrystals. Journal of Rare Earths, 2019, 37, 1137-1144.	2.5	14
92	Câ^’O and Not Câ^’C Bond Cleavage Starts the Polymerization of Î²-Butyrolactone with Potassium Anions of Alkalide. Macromolecules, 2006, 39, 6832-6837.	2.2	13
93	Luminescence spectroscopy of rare earth-doped oxychloride lead borate glasses. Journal of Luminescence, 2011, 131, 649-652.	1.5	13
94	Technological aspects for Tb3+-doped luminescent solâ€“gel nanomaterials. Ceramics International, 2015, 41, 11670-11679.	2.3	13
95	Growth and characterization of new disordered crystals for the design of all-solid-state lasers. International Journal of Electronics, 1996, 81, 457-465.	0.9	12
96	Influence of temperature on the optical properties of LiTaO3:Cr. Applied Physics Letters, 1997, 70, 2505-2507.	1.5	12
97	Effect of heat treatment on Er3+ containing multicomponent oxyfluoride lead borate glass system. Journal of Non-Crystalline Solids, 2008, 354, 492-496.	1.5	12
98	Structural and optical properties of antimony-germanate-borate glass and glass fiber co-doped Eu3+ and Ag nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 201, 1-7.	2.0	12
99	Spectroscopy and energy transfer in lead borate glasses doubly doped with Tm3+ and Dy3+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 192, 140-145.	2.0	12
100	Studying structural and local dynamics in model H-bonded active ingredient â€" Curcumin in the supercooled and glassy states at various thermodynamic conditions. European Journal of Pharmaceutical Sciences, 2019, 135, 38-50.	1.9	12
101	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
102	Er^3+/Yb^3+ co-doped lead silicate glasses and their optical temperature sensing ability. Optics Express, 2017, 25, 28501.	1.7	11
103	Influence of acceptor concentration on crystallization behavior and luminescence properties of lead borate glasses co-doped with Dy3+ and Tb3+ ions. Journal of Alloys and Compounds, 2018, 749, 561-566.	2.8	11
104	Holmium doped barium gallo-germanate glasses for near-infrared luminescence at 2000â€‰nm. Journal of Luminescence, 2019, 215, 116625.	1.5	11
105	Lead-based glasses doped with Dy3+ ions for W-LEDs. Materials Letters, 2019, 254, 62-64.	1.3	11
106	Influence of transition metal ion concentration on near-infrared emission of Ho3+ in barium gallo-germanate glasses. Journal of Alloys and Compounds, 2019, 793, 107-114.	2.8	11
107	Emission of Eu3+ in sol-gel oxyfluoride glass materials obtained by different preparation methods. Journal of Rare Earths, 2014, 32, 269-272.	2.5	10
108	Selective oxide modifiers M2O3 (M=Al, Ga) as crystallizing agents in Er3+-doped lead phosphate glass host. Ceramics International, 2015, 41, 4334-4339.	2.3	10

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109	Investigation of the aluminum oxide content on structural and optical properties of germanium glasses doped with RE ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 201, 143-152.	2.0	10
110	Influence of excitation wavelengths on up-converted luminescence sensing behavior of Er3+ ions in lead-free germanate glass. Journal of Luminescence, 2018, 193, 34-38.	1.5	10
111	Studies on the internal medium-range ordering and high pressure dynamics in modified ibuprofens. Physical Chemistry Chemical Physics, 2020, 22, 295-305.	1.3	10
112	Sensitization of Ho3+ - doped fluoroindate glasses for near and mid-infrared emission. Optical Materials, 2020, 101, 109707.	1.7	10
113	Sol-Gel Glass-Ceramic Materials Containing CaF2:Eu3+ Fluoride Nanocrystals for Reddish-Orange Photoluminescence Applications. Applied Sciences (Switzerland), 2019, 9, 5490.	1.3	10
114	Influence of thermal treatment on spectroscopic properties of Er3+ ions in multicomponent InF3-based glasses. Journal of Alloys and Compounds, 2005, 398, 272-275.	2.8	9
115	Photochemical, Electrochemical and Enzymatic Methods for Etherâ€Bond Cleavage. European Journal of Organic Chemistry, 2006, 2006, 2485-2497.	1.2	9
116	Optically induced carbazolyl containing polyethers: Concentration effects. Journal of Molecular Structure, 2008, 887, 205-208.	1.8	9
117	Spectroscopic properties of Pr3+ and Er3+ ions in lead-free borate glasses modified by BaF2. Optical Materials, 2015, 47, 548-554.	1.7	9
118	Effect of fluoride ions on the optical properties of Eu 3+ :PbF 2 nanocrystals embedded into solâ€“gel host materials. Materials Chemistry and Physics, 2016, 174, 138-142.	2.0	9
119	Optical Characterization of Nano- and Microcrystals of EuPO4 Created by One-Step Synthesis of Antimony-Germanate-Silicate Glass Modified by P2O5. Materials, 2017, 10, 1059.	1.3	9
120	Polymorphs of oxindole as the core structures in bioactive compounds. CrystEngComm, 2018, 20, 1739-1745.	1.3	9
121	Effect of the initial reagents concentration on final crystals size and luminescence properties of PbF2:Eu3+ phosphors. Journal of Alloys and Compounds, 2018, 730, 150-160.	2.8	9
122	Investigation of infrared-to-visible conversion in cubic Cs2NaErCl6crystals. Journal of Physics Condensed Matter, 1995, 7, 7397-7404.	0.7	8
123	Optical properties and concentration dependence of the luminescence of Pr3+ ion in fluoroindate glass. Physica Status Solidi (B): Basic Research, 2003, 237, 581-591.	0.7	8
124	Non-linear effect of 18-crown-6 in propylene oxide polymerization with potassium glycidoxide used as the inimer. Polymer, 2004, 45, 7047-7051.	1.8	8
125	PbWO4 formation during controlled crystallization of lead borate glasses. Ceramics International, 2013, 39, 9151-9156.	2.3	8
126	Influence of Gd3+ concentration on luminescence properties of Eu3+ ions in sol-gel materials. Journal of Molecular Structure, 2016, 1126, 259-264.	1.8	8

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127	Crystallization of lead-based and lead-free oxyfluoride germanate glasses doped with erbium during heat treatment process. Journal of Non-Crystalline Solids, 2018, 501, 121-125.	1.5	8
128	Tb3+/Eu3+ co-doped silica xerogels prepared via low-temperature sol-gel method and their luminescence properties. Materials Letters, 2019, 235, 101-103.	1.3	8
129	Investigation of the TeO2/GeO2 Ratio on the Spectroscopic Properties of Eu3+-Doped Oxide Glasses for Optical Fiber Application. Materials, 2022, 15, 117.	1.3	8
130	Structure of poly(propylene oxide) obtained with potassium glycidoxide in the presence of crown ether. Rapid Communications in Mass Spectrometry, 2004, 18, 716-720.	0.7	7
131	Thermal stability and concentration effect in erbium-doped lead fluoroborate glasses. Journal of Materials Science: Materials in Electronics, 2006, 17, 245-249.	1.1	7
132	Up-conversion processes of rare earth ions in heavy metal glasses. Journal of Rare Earths, 2011, 29, 1192-1194.	2.5	7
133	Energy transfer processes from Yb3+ to Ln3+ (Ln=Er or Tm) in heavy metal glasses. Journal of Rare Earths, 2014, 32, 273-276.	2.5	7
134	Reddish-orange Eu3+-doped sol-gel emitters based on LaF3 nanocrystals â€“ Synthesis, structural and photoluminescence investigations. Optical Materials, 2019, 89, 276-282.	1.7	7
135	Spontaneous self-oligomerization of potassium glycidoxide â€“ A simple way to new cyclic polyfunctional macroinitiator. Reactive and Functional Polymers, 2005, 65, 259-266.	2.0	6
136	Excitation and emission of Pr3+:PLZT ceramics. Ceramics International, 2016, 42, 17822-17826.	2.3	6
137	Pr³⁺/Yb³⁺:<scp>PLZT</scp> ferroelectric ceramics for nearâ€infrared radiation at 1340 nm. Journal of the American Ceramic Society, 2017, 100, 1295-1299.	1.9	6
138	Structure and Luminescence Properties of Transparent Germanate Glass-Ceramics Co-Doped with Ni2+/Er3+ for Near-Infrared Optical Fiber Application. Nanomaterials, 2021, 11, 2115.	1.9	6
139	Investigation of the Cr3+ + sites in SrLaGaO4 crystal. Chemical Physics Letters, 1995, 242, 623-626.	1.2	5
140	Optical characterization of BaLaALO4:Nd. Journal of Alloys and Compounds, 1997, 259, 69-73.	2.8	5
141	Infrared-to-visible conversion luminescence of Er3+ ions in lead borate transparent glass-ceramics. Optical Materials, 2009, 31, 1781-1783.	1.7	5
142	Insight into hydrogen bonding of terephthalamides with amino acids: Synthesis, structural and spectroscopic investigations. Tetrahedron, 2017, 73, 2901-2912.	1.0	5
143	Excitation energy transfer between Er3+ and Tm3+ in LiNbO3. Journal of Applied Spectroscopy, 1995, 62, 903-909.	0.3	4
144	Temperature-Controlled Devitrification of Oxyfluoride Borate Glasses. Solid State Phenomena, 2007, 130, 263-266.	0.3	4

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145	Spectroscopic and thermal studies on 2- and 4-phenyl-1 H -imidazoles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 378-386.	2.0	4
146	Enhanced and Longâ€Lived Nearâ€Infrared Luminescence of <scp><scp>Er</scp></scp>³⁺ Ions in Lead Borate Glassâ€Ceramics Containing PbWO₄ Nanocrystals. Journal of the American Ceramic Society, 2013, 96, 1685-1687.	1.9	3
147	Luminescence investigation of Fe (III) â€“ rhodamine B complexes obtained by solvent extraction. Journal of Luminescence, 2013, 139, 35-39.	1.5	3
148	Structural and optical properties of Eu3+/Gd3+ ions in silica xerogels and powders obtained by solâ€“gel method. Journal of Molecular Structure, 2016, 1126, 29-36.	1.8	3
149	Spectroscopic Properties of Eu³⁺ Ions in Solâ€“Gel Materials Containing Calcium Fluoride Nanocrystals. Physica Status Solidi (B): Basic Research, 2020, 257, 1900478.	0.7	3
150	Optical spectra and lifetimes of thulium-doped SrLaAlO4. Journal of Applied Spectroscopy, 1995, 62, 685-692.	0.3	2
151	Electronic spectra and fluorescence of dithiinodiquinoline compounds. An experimental and theoretical study. Journal of Luminescence, 2018, 197, 7-17.	1.5	2
152	Green up-conversion luminescence of erbium-doped oxyfluoride germanate fiber under continuous-wave laser-diode excitation. Materials Letters, 2018, 216, 131-134.	1.3	2
153	Crystallization Mechanism and Optical Properties of Antimony-Germanate-Silicate Glass-Ceramic Doped with Europium Ions. Materials, 2022, 15, 3797.	1.3	2
154	Rare earth doped lead-free germanate glasses for modern photonics. Photonics Letters of Poland, 2014, 6, .	0.2	0
155	Replacement of glass-former B2O3 by GeO2 in amorphous host evidenced by optical methods. Photonics Letters of Poland, 2017, 9, 113.	0.2	0