Wojciech Andrzej Pisarski

List of Publications by Year
in descending order

155 papers	3,259 citations	136740 32 h-index	243296 44 g-index
156 all docs	156 docs citations	156 times ranked	2216 citing authors

#	Article	IF	Citations
1	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
2	Crystallization Mechanism and Optical Properties of Antimony-Germanate-Silicate Glass-Ceramic Doped with Europium Ions. Materials, 2022, 15, 3797.	1.3	2
3	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
4	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
5	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
6	Luminescent Studies on Germanate Glasses Doped with Europium Ions for Photonic Applications. Materials, 2020, 13, 2817.	1.3	15
7	Structure, luminescence and energy transfer of fluoroindate glasses co-doped with Er3+/Ho3+. Ceramics International, 2020, 46, 26403-26409.	2.3	20
8	Sensitization of Ho3+ - doped fluoroindate glasses for near and mid-infrared emission. Optical Materials, 2020, 101, 109707.	1.7	10
9	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
10	Holmium doped barium gallo-germanate glasses for near-infrared luminescence at 2000â€¯nm. Journal of Luminescence, 2019, 215, 116625.	1.5	11
11	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
12	Lead-based glasses doped with Dy3+ ions for W-LEDs. Materials Letters, 2019, 254, 62-64.	1.3	11
13	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
14	Spectroscopic properties of antimony modified germanate glass doped with Eu3+ ions. Ceramics International, 2019, 45, 24811-24817.	2.3	20
15	Photoluminescence investigation of sol-gel glass-ceramic materials containing SrF2:Eu3+ nanocrystals. Journal of Alloys and Compounds, 2019, 810, 151935.	2.8	18
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	Sol-Gel Glass-Ceramic Materials Containing CaF2:Eu3+ Fluoride Nanocrystals for Reddish-Orange Photoluminescence Applications. Applied Sciences (Switzerland), 2019, 9, 5490.	1.3	10
27	Polymorphs of oxindole as the core structures in bioactive compounds. CrystEngComm, 2018, 20, 1739-1745.	1.3	9
28	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
29	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
30	Electronic spectra and fluorescence of dithiinodiquinoline compounds. An experimental and theoretical study. Journal of Luminescence, 2018, 197, 7-17.	1.5	2
31	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
32	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
33	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
34	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
35	Electrical and optical properties of glasses and glass-ceramics. Journal of Non-Crystalline Solids, 2018, 498, 352-363.	1.5	32
36	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

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37	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
38	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
39	Spectroscopy and energy transfer in Tb 3+ /Sm 3+ co-doped lead borate glasses. Journal of Luminescence, 2018, 195, 87-95.	1.5	37
40	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
41	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
42	Lead borate glasses triply doped with Dy3+/Tb3+/Eu3+ ions for white emission. Optical Materials, 2018, 82, 110-115.	1.7	21
43	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
44	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
45	Insight into hydrogen bonding of terephthalamides with amino acids: Synthesis, structural and spectroscopic investigations. Tetrahedron, 2017, 73, 2901-2912.	1.0	5
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	Er^3+/Yb^3+ co-doped lead silicate glasses and their optical temperature sensing ability. Optics Express, 2017, 25, 28501.	1.7	11
54	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

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55	Replacement of glass-former B2O3 by GeO2 in amorphous host evidenced by optical methods. Photonics Letters of Poland, 2017, 9, 113.	0.2	0
56	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
57	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
58	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
59	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
60	Excitation and emission of Pr3+:PLZT ceramics. Ceramics International, 2016, 42, 17822-17826.	2.3	6
61	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
62	Luminescence investigations of rare earth doped lead-free borate glasses modified by MO (MÂ=ÂCa, Sr,) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	30
63	Spectral analysis of Pr3+ doped germanate glasses modified by BaO and BaF2. Journal of Luminescence, 2016, 171, 138-142.	1.5	23
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	Upconversion emission in antimonyâ€“germanate double-clad optical fiber co-doped with Yb3+/Tm3+ ions. Optical Materials, 2015, 41, 108-111.	1.7	14

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73	Luminescence of Eu3+/Gd3+ co-doped silicate solâ€“gel powders. Journal of Luminescence, 2015, 166, 356-360.	1.5	16
74	Technological aspects for Tb3+-doped luminescent solâ€“gel nanomaterials. Ceramics International, 2015, 41, 11670-11679.	2.3	13
75	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
76	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
77	Spectroscopic properties of Pr3+ and Er3+ ions in lead-free borate glasses modified by BaF2. Optical Materials, 2015, 47, 548-554.	1.7	9
78	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
79	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
80	Compositional-dependent europium-doped lead phosphate glasses and their spectroscopic properties. Optical Materials, 2015, 40, 91-96.	1.7	39
81	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
82	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
83	Rare earths in lead-free oxyfluoride germanate glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 134, 587-591.	2.0	16
84	Ultraviolet-to-visible downconversion luminescence in solgel oxyfluoride glass ceramics containing Eu^3+:GdF_3 nanocrystals. Optics Letters, 2014, 39, 3181.	1.7	22
85	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
86	Energy transfer from Gd3+ to Eu3+ in silica xerogels. Journal of Luminescence, 2014, 154, 290-293.	1.5	18
87	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
88	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
89	Energy transfer from Tb3+ to Eu3+ in lead borate glass. Journal of Non-Crystalline Solids, 2014, 388, 1-5.	1.5	38
90	Excitation and luminescence of Dy3+ ions in PbO-P2O5-Ga2O3 glass system. Journal of Rare Earths, 2014, 32, 213-216.	2.5	26

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91	Structure and spectroscopy of rare earth â€“ Doped lead phosphate glasses. Journal of Alloys and Compounds, 2014, 587, 90-98.	2.8	78
92	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
93	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
94	Excitation and luminescence of rare earth-doped lead phosphate glasses. Applied Physics B: Lasers and Optics, 2014, 116, 837-845.	1.1	32
95	Energy transfer from Dy3+ to Tb3+ in lead borate glass. Materials Letters, 2014, 129, 146-148.	1.3	39
96	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
97	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
98	Rare earth doped lead-free germanate glasses for modern photonics. Photonics Letters of Poland, 2014, 6, .	0.2	0
99	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
100	Absorption and luminescence properties of terbium ions in heavy metal glasses. Journal of Alloys and Compounds, 2013, 578, 512-516.	2.8	39
101	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
102	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
103	Luminescence investigation of Fe (III) â€“ rhodamine B complexes obtained by solvent extraction. Journal of Luminescence, 2013, 139, 35-39.	1.5	3
104	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
105	PbWO4 formation during controlled crystallization of lead borate glasses. Ceramics International, 2013, 39, 9151-9156.	2.3	8
106	Terbium-terbium interactions in lead phosphate glasses. Journal of Applied Physics, 2013, 113, 143504.	1.1	22
107	Luminescence quenching of Dy3+ ions in lead bismuthate glasses. Chemical Physics Letters, 2012, 531, 114-118.	1.2	17
108	Optical transitions of Eu^3+ and Dy^3+ ions in lead phosphate glasses. Optics Letters, 2011, 36, 990.	1.7	36

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109	Spectroscopic properties of Yb3+ and Er3+ ions in heavy metal glasses. Journal of Alloys and Compounds, 2011, 509, 8088-8092.	2.8	45
110	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
111	Local structure and luminescent properties of lead phosphate glasses containing rare earth ions. Journal of Rare Earths, 2011, 29, 1157-1160.	2.5	21
112	Up-conversion processes of rare earth ions in heavy metal glasses. Journal of Rare Earths, 2011, 29, 1192-1194.	2.5	7
113	Terbium-doped heavy metal glasses for green luminescence. Journal of Rare Earths, 2011, 29, 1198-1200.	2.5	24
114	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
115	Luminescence spectroscopy of rare earth-doped oxychloride lead borate glasses. Journal of Luminescence, 2011, 131, 649-652.	1.5	13
116	Laser spectroscopy of rare earth ions in lead borate glasses and transparent glass-ceramics. Laser Physics, 2010, 20, 649-655.	0.6	16
117	Laser spectroscopy of Nd3+ and Dy3+ ions in lead borate glasses. Optics and Laser Technology, 2010, 42, 805-809.	2.2	95
118	Unusual luminescence behavior of Dy3+-doped lead borate glass after heat treatment. Chemical Physics Letters, 2010, 489, 198-201.	1.2	41
119	Infrared-to-visible conversion luminescence of Er3+ ions in lead borate transparent glass-ceramics. Optical Materials, 2009, 31, 1781-1783.	1.7	5
120	Erbium-doped oxide and oxyhalide lead borate glasses for near-infrared broadband optical amplifiers. Chemical Physics Letters, 2009, 472, 217-219.	1.2	44
121	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
122	Tri-color upconversion luminescence of Rare earth doped BaTiO_3 nanocrystals and lowered color separation. Optics Express, 2009, 17, 9089.	1.7	49
123	Optically induced carbazolyl containing polyethers: Concentration effects. Journal of Molecular Structure, 2008, 887, 205-208.	1.8	9
124	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
125	Nd-doped oxyfluoroborate glasses and glass-ceramics for NIR laser applications. Journal of Alloys and Compounds, 2008, 451, 223-225.	2.8	35
126	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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127	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
128	Temperature-Controlled Devitrification of Oxyfluoride Borate Glasses. Solid State Phenomena, 2007, 130, 263-266.	0.3	4
129	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
130	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
131	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
132	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
133	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
134	Photochemical, Electrochemical and Enzymatic Methods for Etherâ€Bond Cleavage. European Journal of Organic Chemistry, 2006, 2006, 2485-2497.	1.2	9
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	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
137	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
138	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
139	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
140	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
141	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
142	Effect of erbium concentration on physical properties of fluoroindate glass. Chemical Physics Letters, 2003, 380, 604-608.	1.2	40
143	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
144	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

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145	Influence of temperature on the optical properties of LiTaO3:Cr. Applied Physics Letters, 1997, 70, 2505-2507.	1.5	12
146	Optical characterization of BaLaALO4:Nd. Journal of Alloys and Compounds, 1997, 259, 69-73.	2.8	5
147	Investigation of Eu3+ sites in SrLaGa3O7, SrLaGaO4 and SrLaAlO4 crystals. Journal of Physics and Chemistry of Solids, 1997, 58, 639-645.	1.9	46
148	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
149	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
150	Investigation of the Cr3+ + sites in SrLaGaO4 crystal. Chemical Physics Letters, 1995, 242, 623-626.	1.2	5
151	Optical spectra and lifetimes of thulium-doped SrLaAlO4. Journal of Applied Spectroscopy, 1995, 62, 685-692.	0.3	2
152	Excitation energy transfer between Er3+ and Tm3+ in LiNbO3. Journal of Applied Spectroscopy, 1995, 62, 903-909.	0.3	4
153	Passive mode locking of a Nd3+:SrLaGa3O7 laser. Applied Physics Letters, 1995, 67, 2442-2444.	1.5	26
154	Investigation of infrared-to-visible conversion in cubic Cs2NaErCl6crystals. Journal of Physics Condensed Matter, 1995, 7, 7397-7404.	0.7	8
155	Anisotropy of optical properties of SrLaAlO4 and SrLaAlO4:Nd. Journal of Alloys and Compounds, 1995, 217, 263-267.	2.8	36