Joanna Pisarska

List of Publications by Year
in descending order

148 papers	2,956 citations	136950 32 h-index	233421 45 g-index
149 all docs	149 docs citations	149 times ranked	1610 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.	3.5	120
2	Optical properties of lead borate glasses containing Dy³⁺ions. Journal of Physics Condensed Matter, 2009, 21, 285101.	1.8	111
3	Laser spectroscopy of Nd3+ and Dy3+ ions in lead borate glasses. Optics and Laser Technology, 2010, 42, 805-809.	4.6	95
4	Structure and spectroscopy of rare earth â€“ Doped lead phosphate glasses. Journal of Alloys and Compounds, 2014, 587, 90-98.	5.5	78
5	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.	2.6	66
6	Luminescence behavior of Dy3+ ions in lead borate glasses. Optical Materials, 2009, 31, 1784-1786.	3.6	63
7	Visible and infrared spectroscopy of Pr3+and Tm3+ions in lead borate glasses. Journal of Physics Condensed Matter, 2004, 16, 6171-6184.	1.8	56
8	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.	5.5	56
9	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.	4.0	55
10	Structural role of rare earth ions in lead borate glasses evidenced by infrared spectroscopy: BO3â†”BO4 conversion. Journal of Molecular Structure, 2005, 744-747, 515-520.	3.6	52
11	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.	5.5	47
12	Er3+/Yb3+ co-doped lead germanate glasses for up-conversion luminescence temperature sensors. Sensors and Actuators A: Physical, 2016, 252, 54-58.	4.1	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.	3.0	46
14	Spectroscopic properties of Yb3+ and Er3+ ions in heavy metal glasses. Journal of Alloys and Compounds, 2011, 509, 8088-8092.	5.5	45
15	Erbium-doped oxide and oxyhalide lead borate glasses for near-infrared broadband optical amplifiers. Chemical Physics Letters, 2009, 472, 217-219.	2.6	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.	3.4	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.	3.1	43
18	Up-converted luminescence in Ybâ€“Tm co-doped lead fluoroborate glasses. Journal of Alloys and Compounds, 2008, 451, 226-228.	5.5	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.	2.6	41
20	Effect of erbium concentration on physical properties of fluoroindate glass. Chemical Physics Letters, 2003, 380, 604-608.	2.6	40
21	Optical spectroscopy of Dy3+ ions in heavy metal lead-based glasses and glassâ€“ceramics. Journal of Molecular Structure, 2011, 993, 160-166.	3.6	39
22	Absorption and luminescence properties of terbium ions in heavy metal glasses. Journal of Alloys and Compounds, 2013, 578, 512-516.	5.5	39
23	Energy transfer from Dy3+ to Tb3+ in lead borate glass. Materials Letters, 2014, 129, 146-148.	2.6	39
24	Compositional-dependent europium-doped lead phosphate glasses and their spectroscopic properties. Optical Materials, 2015, 40, 91-96.	3.6	39
25	Energy transfer from Tb3+ to Eu3+ in lead borate glass. Journal of Non-Crystalline Solids, 2014, 388, 1-5.	3.1	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.	3.6	38
27	Spectroscopy and energy transfer in Tb 3+ /Sm 3+ co-doped lead borate glasses. Journal of Luminescence, 2018, 195, 87-95.	3.1	37
28	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.	5.5	36
29	Optical transitions of Eu^3+ and Dy^3+ ions in lead phosphate glasses. Optics Letters, 2011, 36, 990.	3.3	36
30	Nd-doped oxyfluoroborate glasses and glass-ceramics for NIR laser applications. Journal of Alloys and Compounds, 2008, 451, 223-225.	5.5	35
31	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.	3.6	32
32	Excitation and luminescence of rare earth-doped lead phosphate glasses. Applied Physics B: Lasers and Optics, 2014, 116, 837-845.	2.2	32
33	Electrical and optical properties of glasses and glass-ceramics. Journal of Non-Crystalline Solids, 2018, 498, 352-363.	3.1	32
34	Influence of Oxide Glass Modifiers on the Structural and Spectroscopic Properties of Phosphate Glasses for Visible and Near-Infrared Photonic Applications. Materials, 2020, 13, 4746.	2.9	31
35	Luminescence investigations of rare earth doped lead-free borate glasses modified by MO (MÂ=ÂCa, Sr,) Tj ETQq1 1 0.784314 rgBT /Ov	4.0	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.	3.6	30

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37	Visible luminescence of dysprosium ions in oxyhalide lead borate glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 705-707.	3.9	27
38	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.	7.8	27
39	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.	3.6	27
40	Excitation and luminescence of Dy3+ ions in PbO-P2O5-Ga2O3 glass system. Journal of Rare Earths, 2014, 32, 213-216.	4.8	26
41	Up-conversion luminescence of Tb^3+ ions in germanate glasses under diode-laser excitation of Yb^3+. Optical Materials Express, 2014, 4, 1050.	3.0	25
42	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.	3.1	25
43	Terbium-doped heavy metal glasses for green luminescence. Journal of Rare Earths, 2011, 29, 1198-1200.	4.8	24
44	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.	4.0	23
45	Spectral analysis of Pr3+ doped germanate glasses modified by BaO and BaF2. Journal of Luminescence, 2016, 171, 138-142.	3.1	23
46	Structural and optical characterization of Dyâ€doped heavyâ€metal oxide and oxyhalide borate glasses. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 1134-1140.	1.8	22
47	Terbium-terbium interactions in lead phosphate glasses. Journal of Applied Physics, 2013, 113, 143504.	2.5	22
48	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.	3.1	22
49	Local structure and luminescent properties of lead phosphate glasses containing rare earth ions. Journal of Rare Earths, 2011, 29, 1157-1160.	4.8	21
50	Influence of PbF2 concentration on thermal, structural and spectroscopic properties of Eu3+-doped lead phosphate glasses. Journal of Molecular Structure, 2014, 1075, 605-608.	3.6	21
51	Lead borate glasses triply doped with Dy3+/Tb3+/Eu3+ ions for white emission. Optical Materials, 2018, 82, 110-115.	3.6	21
52	Spectroscopic Properties of Erbium-Doped Oxyfluoride Phospho-Tellurite Glass and Transparent Glass-Ceramic Containing BaF2 Nanocrystals. Materials, 2019, 12, 3429.	2.9	21
53	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.	3.6	20
54	Spectroscopic properties of antimony modified germanate glass doped with Eu3+ ions. Ceramics International, 2019, 45, 24811-24817.	4.8	20

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55	Structure, luminescence and energy transfer of fluoroindate glasses co-doped with Er3+/Ho3+. Ceramics International, 2020, 46, 26403-26409.	4.8	20
56	Near-IR and mid-IR luminescence and energy transfer in fluoroindate glasses co-doped with Er³⁺/Tm³⁺. Optical Materials Express, 2019, 9, 4772.	3.0	20
57	IR transmission and emission spectra of erbium ions in fluoroindate glass. Journal of Non-Crystalline Solids, 2004, 345-346, 382-385.	3.1	18
58	Influence of P2O5 concentration on structural, thermal and optical behavior of Pr-activated fluoroindate glass. Physica B: Condensed Matter, 2007, 388, 331-336.	2.7	18
59	Enhancement and quenching photoluminescence effects for rare earth â€" Doped lead bismuth gallate glasses. Journal of Alloys and Compounds, 2015, 651, 565-570.	5.5	18
60	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.	3.8	18
61	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.	4.8	18
62	Luminescence quenching of Dy3+ ions in lead bismuthate glasses. Chemical Physics Letters, 2012, 531, 114-118.	2.6	17
63	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.	3.1	17
64	NIR to visible upconversion in double â€" clad optical fiber co-doped with Yb^3+/Ho^3+. Optical Materials Express, 2015, 5, 1505.	3.0	17
65	Thermal analysis and near-infrared luminescence of Er3+-doped lead phosphate glasses modified by PbF2. Journal of Luminescence, 2015, 160, 57-63.	3.1	17
66	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.	3.6	17
67	Laser spectroscopy of rare earth ions in lead borate glasses and transparent glass-ceramics. Laser Physics, 2010, 20, 649-655.	1.2	16
68	Rare earths in lead-free oxyfluoride germanate glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 134, 587-591.	3.9	16
69	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.	3.9	16
70	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.	3.1	16
71	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.	3.1	15
72	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.	3.9	15

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73	Fluoroindate glasses co-doped with Pr3+/Er3+ for near-infrared luminescence applications. Scientific Reports, 2020, 10, 21105.	3.3	15
74	Luminescent Studies on Germanate Glasses Doped with Europium Ions for Photonic Applications. Materials, 2020, 13, 2817.	2.9	15
75	Upconversion emission in antimonyâ€"germanate double-clad optical fiber co-doped with Yb3+/Tm3+ ions. Optical Materials, 2015, 41, 108-111.	3.6	14
76	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.	3.6	14
77	Lead Borate Glasses and Glass-Ceramics Singly Doped with Dy3+ for White LEDs. Materials, 2020, 13, 5022.	2.9	14
78	Fluoroindate Glass Co-Doped with Yb3+/Ho3+ as a 2.85 Î¼m Luminescent Source for MID-IR Sensing. Sensors, 2021, 21, 2155.	3.8	14
79	Luminescence spectroscopy of rare earth-doped oxychloride lead borate glasses. Journal of Luminescence, 2011, 131, 649-652.	3.1	13
80	Effect of heat treatment on Er3+ containing multicomponent oxyfluoride lead borate glass system. Journal of Non-Crystalline Solids, 2008, 354, 492-496.	3.1	12
81	Novel iridium(III) complexes based on 2-(2,2â€™-bithien-5-yl)-quinoline. Synthesis, photophysical, photochemical and DFT studies. Materials Chemistry and Physics, 2015, 162, 498-508.	4.0	12
82	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.	3.9	12
83	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.	3.9	12
84	Novel Multicomponent Titanate-Germanate Glasses: Synthesis, Structure, Properties, Transition Metal, and Rare Earth Doping. Materials, 2020, 13, 4422.	2.9	12
85	Theoretical calculations and experimental investigations of lead phosphate glasses singly doped with Pr3+ and Tm3+ ions using luminescence spectroscopy. Journal of Alloys and Compounds, 2020, 842, 155801.	5.5	12
86	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
87	Er^3+/Yb^3+ co-doped lead silicate glasses and their optical temperature sensing ability. Optics Express, 2017, 25, 28501.	3.4	11
88	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.	5.5	11
89	Holmium doped barium gallo-germanate glasses for near-infrared luminescence at 2000â€¯nm. Journal of Luminescence, 2019, 215, 116625.	3.1	11
90	Lead-based glasses doped with Dy3+ ions for W-LEDs. Materials Letters, 2019, 254, 62-64.	2.6	11

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91	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.	5.5	11
92	Reddish-Orange Luminescence from BaF2:Eu3+ Fluoride Nanocrystals Dispersed in Sol-Gel Materials. Materials, 2019, 12, 3735.	2.9	11
93	Structural and Photoluminescence Investigations of Tb3+/Eu3+ Co-Doped Silicate Sol-Gel Glass-Ceramics Containing CaF2 Nanocrystals. Materials, 2021, 14, 754.	2.9	11
94	Selective oxide modifiers M2O3 (M=Al, Ga) as crystallizing agents in Er3+-doped lead phosphate glass host. Ceramics International, 2015, 41, 4334-4339.	4.8	10
95	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.	3.9	10
96	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.	3.1	10
97	Sensitization of Ho3+ - doped fluoroindate glasses for near and mid-infrared emission. Optical Materials, 2020, 101, 109707.	3.6	10
98	Near-IR Luminescence of Rare-Earth Ions (Er3+, Pr3+, Ho3+, Tm3+) in Titanateâ€“Germanate Glasses under Excitation of Yb3+. Materials, 2022, 15, 3660.	2.9	10
99	Influence of thermal treatment on spectroscopic properties of Er3+ ions in multicomponent InF3-based glasses. Journal of Alloys and Compounds, 2005, 398, 272-275.	5.5	9
100	Spectroscopic properties of Pr3+ and Er3+ ions in lead-free borate glasses modified by BaF2. Optical Materials, 2015, 47, 548-554.	3.6	9
101	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.	2.9	9
102	Phonon Sideband Analysis and Near-Infrared Emission in Heavy Metal Oxide Glasses. Materials, 2021, 14, 121.	2.9	9
103	Nd³⁺ doped titanate-germanate glasses for near-IR laser applications. Optical Materials Express, 2022, 12, 2912.	3.0	9
104	PbWO4 formation during controlled crystallization of lead borate glasses. Ceramics International, 2013, 39, 9151-9156.	4.8	8
105	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.	3.1	8
106	Investigation of the TeO2/GeO2 Ratio on the Spectroscopic Properties of Eu3+-Doped Oxide Glasses for Optical Fiber Application. Materials, 2022, 15, 117.	2.9	8
107	Novel oxychloroborate glasses containing neodymium ions: Synthesis, structure and luminescent properties. Journal of Molecular Structure, 2008, 887, 201-204.	3.6	7
108	Up-conversion processes of rare earth ions in heavy metal glasses. Journal of Rare Earths, 2011, 29, 1192-1194.	4.8	7

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109	Energy transfer processes from Yb3+ to Ln3+ (Ln=Er or Tm) in heavy metal glasses. Journal of Rare Earths, 2014, 32, 273-276.	4.8	7
110	Broadband Near-Infrared Luminescence in Lead Germanate Glass Triply Doped with Yb3+/Er3+/Tm3+. Materials, 2021, 14, 2901.	2.9	7
111	Influence of glass formers and glass modifiers on spectral properties and CIE coordinates of Dy3+ ions in lead-free borate glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 268, 120693.	3.9	7
112	White light emission and energy transfer in Pr3+/Er3+ co-doped InF3-based glass. Materials Research Bulletin, 2022, 150, 111791.	5.2	7
113	Pr³⁺/Yb³⁺:<scp>PLZT</scp> ferroelectric ceramics for nearâ€infrared radiation at 1340 nm. Journal of the American Ceramic Society, 2017, 100, 1295-1299.	3.8	6
114	Structure and Luminescence Properties of Transparent Germanate Glass-Ceramics Co-Doped with Ni2+/Er3+ for Near-Infrared Optical Fiber Application. Nanomaterials, 2021, 11, 2115.	4.1	6
115	Infrared-to-visible conversion luminescence of Er3+ ions in lead borate transparent glass-ceramics. Optical Materials, 2009, 31, 1781-1783.	3.6	5
116	Transition Metals (Cr3+) and Lanthanides (Eu3+) in Inorganic Glasses with Extremely Different Glass-Formers B2O3 and GeO2. Materials, 2021, 14, 7156.	2.9	5
117	Ultra-broadband emission in Er³⁺/Tm³⁺/Ho³⁺ triply-doped germanate glass and double-clad optical fiber. Optical Materials Express, 2022, 12, 2332.	3.0	5
118	Temperature-Controlled Devitrification of Oxyfluoride Borate Glasses. Solid State Phenomena, 2007, 130, 263-266.	0.3	4
119	Spectroscopic Properties of Inorganic Glasses Doped with Pr3+: A Comparative Study. Materials, 2022, 15, 767.	2.9	4
120	EPR and optical spectroscopy of Cr3+ ions in barium gallo-germanate glasses containing B2O3/TiO2. Journal of Luminescence, 2022, 245, 118775.	3.1	4
121	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.	3.8	3
122	Energy transfer processes between rare earth ions and white light emission in inorganic glasses. , 2016, , .		3
123	Luminescence Properties of Ytterbium Activated PLZT Ceramics. Advances in Science and Technology, 2016, 98, 64-69.	0.2	2
124	Green up-conversion luminescence of erbium-doped oxyfluoride germanate fiber under continuous-wave laser-diode excitation. Materials Letters, 2018, 216, 131-134.	2.6	2
125	Crystallization Mechanism and Optical Properties of Antimony-Germanate-Silicate Glass-Ceramic Doped with Europium Ions. Materials, 2022, 15, 3797.	2.9	2
126	<title>Judd-Ofelt analysis and emission properties of Eu<formula>^{<roman>3+</roman>}</formula> ions in fluorindate glasses</title>. , 2003, 5028, 225.		1

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127	Near-infrared luminescence and up-conversion processes of lanthanide ions in heavy metal glasses. Proceedings of SPIE, 2011, , .	0.8	1
128	Excitation energy transfer and optical transitions in heavy metal glasses doubly doped with Yb³⁺and Er³⁺. Proceedings of SPIE, 2011, , .	0.8	1
129	Rare earth-doped barium gallo-germanate glasses for broadband near-infrared luminescence. , 2016, , .		1
130	Photoluminescence of antimony-germanate-silicate glass doped with europium ions and silver nanoparticles. , 2017, , .		1
131	1.5 â€“ 2.1 Î¼m Broadband ASE in Rare-Earth Co-Doped Glasses and Double-Clad Optical Fibers. , 2018, , .		1
132	<title>Some properties of InF<formula><inf><roman>3</roman></inf></formula>-based fluoride glasses doped with Tm<formula>^{<roman>3+</roman>}</formula> and Tm<formula>^{<roman>3+</roman>}</formula>-Tb<formula>^{<roman>3+</roman>}</formula> ions</title>. , 2003, 5028, 181.		0
133	Glass-ceramics nanostructures on the base of rare-earth ions doped fluoroindates. , 2005, 5775, 238.		0
134	<title>Luminescence of thulium and praseodymium in the fluorindate glass ceramics</title>. , 2006, , .		0
135	<title>Selected glasses and glass-ceramics for NIR luminescence</title>. , 2006, , .		0
136	<title>Pr-doped lead fluoroborate glasses</title>. , 2006, 6347, 362.		0
137	Transparent glass-ceramics containing Eu3+and Dy3+ions for visible optoelectronics. , 2011, , .		0
138	Rare earth-doped lead phosphate glasses for visible luminescence. , 2011, , .		0
139	Optical properties of lead-free oxyfluoride germanate glasses doped with Pr3+. , 2014, , .		0
140	Influence of M2O3 (M = Al, Ga) glass modifiers on structure, thermal and spectroscopic properties of rare earth ions in lead phosphate based systems. , 2014, , .		0
141	Analysis of quantum cutting in aluminosilicate glass co-doped with Yb3+/Eu3+ions. , 2016, , .		0
142	PbWO<inf>4</inf> micro-/nanocrystals in transparent glass-ceramics: Synthesis, structure-property relationship and lanthanide doping. , 2016, , .		0
143	Green and red up-conversion luminescence of Er³⁺ in lead silicate glass under excitation of Yb³⁺. Proceedings of SPIE, 2017, , .	0.8	0
144	Rare earth doped lead-free germanate glasses for modern photonics. Photonics Letters of Poland, 2014, 6, .	0.4	0

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145	Replacement of glass-former B2O3 by GeO2 in amorphous host evidenced by optical methods. Photonics Letters of Poland, 2017, 9, 113.	0.4	0
146	Energy transfer and multicolor emission in germanate glasses containing Ce3+ and Pr3+ for white light-emitting diodes. , 2018, , .		0
147	Spectroscopic properties of rare earth doped germanate glasses. , 2018, , .		0
148	Near-infrared emission in barium gallo-germanate glasses doped with Pr3+ and co-doped with Ce3+ and Pr3+ for broadband optical amplifiers. , 2018, , .		0