Rolindes Balda

List of Publications by Year
in descending order

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279	4,961	81743	155451
papers	citations	39 h-index	55 g-index

287	287	287	3151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and luminescent properties of Sm/Dyâ€doped Sr₂MgSi₂O₇ glassâ€“ceramics. International Journal of Applied Glass Science, 2023, 14, 140-154.	1.0	1
2	KLaF4:Nd3+doped transparent glass-ceramics processed by spark plasma sintering. Journal of Non-Crystalline Solids, 2022, 578, 121289.	1.5	5
3	Dehydroxylation processing and lasing properties of a Nd alumino-phosphate glass. Journal of Alloys and Compounds, 2022, 896, 163040.	2.8	7
4	Spectro-temporal behavior of dye-based solid-state random lasers under picosecond pumping regime. Optics Express, 2022, 30, 9674.	1.7	4
5	Role of Eu2+ and Dy3+ Concentration in the Persistent Luminescence of Sr2MgSi2O7 Glass-Ceramics. Materials, 2022, 15, 3068.	1.3	4
6	Crystallization Process and Site-Selective Excitation of Nd3+ in LaF3/NaLaF4 Solâ€“Gel-Synthesized Transparent Glass-Ceramics. Crystals, 2021, 11, 464.	1.0	6
7	Structural and optical properties in Tm³⁺/Tm³⁺â€“Yb³⁺ doped NaLuF₄ glassâ€ceramics. International Journal of Applied Glass Science, 2021, 12, 485-496.	1.0	11
8	Nd3+doped- SiO2â€“KLaF4 oxyfluoride glass-ceramics prepared by sol-gel. Journal of Luminescence, 2021, 235, 118035.	1.5	4
9	Effect of dopant precursors on the optical properties of rareâ€earths doped oxyfluoride glassâ€ceramics. Journal of the American Ceramic Society, 2020, 103, 3930-3941.	1.9	4
10	Chemical and structural heterogeneities in Nd-doped oxynitride phosphate laser glasses. Journal of Alloys and Compounds, 2020, 816, 152657.	2.8	6
11	A new solâ€“gel route towards Nd³⁺-doped SiO₂â€“LaF₃ glass-ceramics for photonic applications. Materials Advances, 2020, 1, 3589-3596.	2.6	11
12	Non-Linear Optical Properties of Er3+â€“Yb3+-Doped NaGdF4 Nanostructured Glassâ€“Ceramics. Nanomaterials, 2020, 10, 1425.	1.9	6
13	A Simple Model for Dye Based Solid-State Random Lasers. , 2020, , .		0
14	KLaF4:Nd3+ Emission in Transparent Glass-Ceramics. , 2020, , .		0
15	Femtosecond laser direct inscription of 3D photonic devices in Er/Yb-doped oxyfluoride nano-glass ceramics. Optical Materials Express, 2020, 10, 2695.	1.6	4
16	Transparent SiO2-GdF3 solâ€“gel nano-glass ceramics for optical applications. Journal of Sol-Gel Science and Technology, 2019, 89, 322-332.	1.1	24
17	Analytical modelling of Tm-doped tellurite glass including cross-relaxation process. Optical Materials, 2019, 87, 29-34.	1.7	2
18	SiO2-SnO2 Photonic Glass-Ceramics. , 2019, , .		1

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19	Color-Tunable Upconversion Luminescence in Er3+-Yb3+ Co-Doped Sodium Lutetium Fluoride Glass-Ceramics. , 2019, , .		0
20	Novel sol-gel SiO2-NaGdF4 transparent nano-glass-ceramics. Journal of Non-Crystalline Solids, 2019, 520, 119447.	1.5	15
21	Transparent Sol-Gel Oxyfluoride Glass-Ceramics with High Crystalline Fraction and Study of RE Incorporation. Nanomaterials, 2019, 9, 530.	1.9	21
22	Site-selective symmetries of Eu³⁺-doped BaTiO₃ ceramics: a structural elucidation by optical spectroscopy. Journal of Materials Chemistry C, 2019, 7, 13976-13985.	2.7	12
23	Spectroscopic Properties of Nd3+ Random Lasers. , 2019, , .		0
24	Tunable upconversion emission in NaLuF₄â€“glass-ceramic fibers doped with Er³⁺ and Yb³⁺. RSC Advances, 2019, 9, 31699-31707.	1.7	17
25	A highly efficient method of dehydroxylation and fining of Nd phosphate laser glasses. International Journal of Applied Glass Science, 2019, 10, 157-161.	1.0	7
26	Site symmetry and host sensitization-dependence of Eu3+ real-time luminescence in tin dioxide nanoparticles. , 2019, , .		2
27	Input/output energy in solid state dye random lasers. Optics Express, 2019, 27, 19418.	1.7	6
28	Phase-dependent emission of KLaF4:Nd3+ nanocrystals in oxyfluoride glass-ceramics. , 2019, , .		0
29	Sustainable luminescent solar concentrators based on organicâ€“inorganic hybrids modified with chlorophyll. Journal of Materials Chemistry A, 2018, 6, 8712-8723.	5.2	38
30	80SiO₂â€20LaF₃ oxyfluoride glass ceramic coatings doped with Nd³⁺ for optical applications. International Journal of Applied Glass Science, 2018, 9, 208-217.	1.0	13
31	Transparent glass-ceramics of sodium lutetium fluoride co-doped with erbium and ytterbium. Journal of Non-Crystalline Solids, 2018, 501, 136-144.	1.5	20
32	Effect of the heat treatment on the spectroscopic properties of Er3+-Yb3+-doped transparent oxyfluoride nano-glass-ceramics. Journal of Luminescence, 2018, 193, 51-60.	1.5	42
33	Transparent oxyfluoride glass-ceramics with NaGdF4 nanocrystals doped with Pr3+ and Pr3+-Yb3+. Journal of Luminescence, 2018, 193, 61-69.	1.5	26
34	Chapter 16 Performance of Nd3+ As Structural Probe of Rare-Earth Distribution in Transparent Nanostructured Glass-Ceramics. NATO Science for Peace and Security Series B: Physics and Biophysics, 2018, , 297-313.	0.2	1
35	Random laser properties of Nd³⁺ crystal powders. Optics Express, 2018, 26, 11787.	1.7	29
36	Site symmetry and host sensitization-dependence of Eu³⁺ real time luminescence in tin dioxide nanoparticles. Optics Express, 2018, 26, 16155.	1.7	22

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37	Transparent Glass-Ceramics Produced by Sol-Gel: A Suitable Alternative for Photonic Materials. Materials, 2018, 11, 212.	1.3	42
38	Phase evolution of KLaF4 nanocrystals and their effects on the photoluminescence of Nd3+ doped transparent oxyfluoride glass-ceramics. CrystEngComm, 2018, 20, 5760-5771.	1.3	17
39	Rare-earth-doped wide-bandgap tin-oxide nanocrystals: pumping mechanisms and spectroscopy. , 2018, , .		2
40	Site-resolved emission of Nd3+-doped oxyfluoride nano glass-ceramics. , 2018, , .		0
41	Impact of the reverse cross-relaxation process on pumping efficiency in Tm-doped glass lasers materials. , 2018, , .		0
42	Random laser model for Nd3+-doped powders and its application to stimulated emission cross-section calculations. Optics Express, 2018, 26, 31018.	1.7	5
43	Upconversion emission of erbium-doped lanthanum oxysulfide powders for temperature sensing. , 2017, , .		1
44	A performance study of Nd-based stoichiometric random lasers. Proceedings of SPIE, 2017, , .	0.8	1
45	Synthesis of transparent Er-doped fluorotellurite glassâ€“ceramics through controlled crystallization. Journal of Materials Science: Materials in Electronics, 2017, 28, 7000-7005.	1.1	3
46	Speckle-free near-infrared imaging using a Nd³⁺random laser. Laser Physics Letters, 2017, 14, 106201.	0.6	25
47	Oxyfluoride glassâ€“ceramic fibers doped with Nd3+: structural and optical characterization. CrystEngComm, 2017, 19, 6620-6629.	1.3	20
48	Site-selective luminescence of Nd3+ doped transparent oxyfluoride nano glass-ceramics. , 2017, , .		0
49	Synthesis and properties of Nd-doped oxynitride phosphate laser glasses. Journal of Non-Crystalline Solids, 2017, 473, 125-131.	1.5	16
50	Influence of grain size and Nd 3+ concentration on the stimulated emission of LiLa 1-x Nd x P 4 O 12 crystal powders. Optical Materials, 2017, 63, 46-50.	1.7	11
51	Selective excitation in transparent oxyfluoride glass-ceramics doped with Nd3+. Journal of the European Ceramic Society, 2017, 37, 1695-1706.	2.8	37
52	Spectroscopic probe of rare-earth distribution in transparent oxyfluoride glass-ceramics. , 2017, , .		0
53	Determination of reverse cross-relaxation process constant in Tm-doped glass by ^3H_4 fluorescence decay tail fitting. Optical Materials Express, 2017, 7, 3760.	1.6	10
54	Oxyfluoride transparent glass-ceramics: a promising family of materials for photonic applications. , 2017, , .		0

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55	Numerical investigation of reverse cross-relaxation process in Tm-doped glass by fitting 3H4 fluorescence decay tail. , 2017, , .		0
56	Influence of Upconversion Processes in the Optically-Induced Inhomogeneous Thermal Behavior of Erbium-Doped Lanthanum Oxysulfide Powders. Materials, 2016, 9, 353.	1.3	16
57	Random Laser Action in Nd:YAG Crystal Powder. Materials, 2016, 9, 369.	1.3	22
58	Random laser action in stoichiometric Nd₃Ga₅O₁₂garnet crystal powder. Laser Physics Letters, 2016, 13, 035402.	0.6	11
59	Optical Properties of Transparent Glassâ€“Ceramics Containing Er³⁺â€Doped Sodium Lutetium Fluoride Nanocrystals. International Journal of Applied Glass Science, 2016, 7, 27-40.	1.0	19
60	Luminescence properties of Er³⁺ions in nanocrystalline glass-ceramics. , 2016, , .		0
61	Random lasing of LiLa<inf>1â^'x</inf>Nd<inf>x</inf>P<inf>4</inf>O<inf>12</inf> crystal powders. , 2016, , .		0
62	Coherence characteristics of random lasing in a dye doped hybrid powder. Journal of Luminescence, 2016, 169, 472-477.	1.5	4
63	Progress in the spectroscopic and thermal studies of Er-doped oxysulfide crystal powders. , 2016, , .		1
64	Pulsed laser deposition of rare-earth-doped glasses: a step toward lightwave circuits. Proceedings of SPIE, 2016, , .	0.8	2
65	Er3+-doped fluorotellurite thin film glasses with improved photoluminescence emission at 1.53 Âµm. Journal of Luminescence, 2016, 170, 778-784.	1.5	13
66	Spectroscopic and thermal study of Er-doped oxysulfide crystal powders. , 2015, , .		0
67	Down- and up-conversion emissions in Er-doped transparent fluorotellurite glass-ceramics. Proceedings of SPIE, 2015, , .	0.8	0
68	Spectral dynamics of a diffusive random laser under two photon pumping. International Journal of Higher Education Management, 2015, 1, 38-45.	1.0	4
69	Nanostructuring the Er3+ distribution in PbOâ€“Nb2O5â€“GeO2 thin film glasses. Optical Materials, 2015, 41, 131-135.	1.7	6
70	Diffusive random laser modes under a spatiotemporal scope. Optics Express, 2015, 23, 1456.	1.7	20
71	Down- and up-conversion emissions in Er3+â€“Yb3+ codoped TeO2â€“ZnOâ€“ZnF2 glasses. Journal of Luminescence, 2015, 158, 142-148.	1.5	22
72	Effects of pumping wavelength and pump density on the random laser performance of stoichiometric Nd crystal powders. Optics Express, 2014, 22, 27365.	1.7	15

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73	Lasing threshold of one- and two-photon-pumped dye-doped silica powder. Applied Physics B: Lasers and Optics, 2014, 117, 1135-1140.	1.1	6
74	Effect of Tm3+ codoping on the near-infrared and upconversion emissions of Er3+ in TeO2â€“ZnOâ€“ZnF2 glasses. Journal of Luminescence, 2014, 154, 136-141.	1.5	24
75	Active Mid-IR emissions from rare-earth doped tellurite glass ceramics for bio applications. , 2014, , .		1
76	Timeâ€resolved random laser spectroscopy of inhomogeneously broadened systems. Laser and Photonics Reviews, 2014, 8, L32.	4.4	10
77	Structural, optical, and spectroscopic properties of Er3+-doped TeO2â€“ZnOâ€“ZnF2 glass-ceramics. Journal of the European Ceramic Society, 2014, 34, 3959-3968.	2.8	49
78	2.18 Î¼m Mid IR emission from highly transparent Er3+ doped tellurite glass ceramic for bio applications. , 2014, , .		0
79	Spectroscopy and energy transfer in Nd3+/Yb3+ codoped chalcohalide glasses. Journal of Non-Crystalline Solids, 2013, 377, 110-113.	1.5	3
80	Spectroscopic properties of Er3+-doped fluorotellurite glasses. Optical Materials, 2013, 35, 2039-2044.	1.7	36
81	Spectral study of the stimulated emission of Nd^3+ in fluorotellurite bulk glass. Optics Express, 2013, 21, 9298.	1.7	36
82	Photoluminescence emission in Er-activated good quality fluorotellurite thin film glasses. , 2013, , .		0
83	Stress-induced buried waveguides in the 0.8CaSiO3â€“0.2Ca3(PO4)2 eutectic glass doped with Nd3+ ions. Applied Surface Science, 2013, 278, 289-294.	3.1	15
84	Near-infrared emission and upconversion in Er3+-doped TeO2â€“ZnOâ€“ZnF2 glasses. Journal of Luminescence, 2013, 140, 38-44.	1.5	64
85	Random Lasing in Solid State Materials. NATO Science for Peace and Security Series B: Physics and Biophysics, 2013, , 347-357.	0.2	0
86	Low temperature red luminescence of a fluorinated Mn-doped zinc selenite. Dalton Transactions, 2013, 42, 12481.	1.6	25
87	On the temporal behavior of Nd^3+ random lasers. Optics Letters, 2013, 38, 3646.	1.7	17
88	Time-resolved fluorescence line-narrowing of Eu^3+ in biocompatible eutectic glass-ceramics. Optics Express, 2013, 21, 6561.	1.7	15
89	Crystallization effect on rare-earth activated biocompatible glass-ceramics. Proceedings of SPIE, 2013, , .	0.8	0
90	Spectroscopic study of Nd³⁺ ions in 0.8CaSiO₃-0.2Ca₃(PO₄)₂ eutectic glass-ceramics. Proceedings of SPIE, 2012, , .		0

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91	Site-selective laser spectroscopy of Nd^3+ ions in 08CaSiO_3-02Ca_3(PO_4)_2 biocompatible eutectic glass-ceramics. Optics Express, 2012, 20, 10701.	1.7	17
92	Optical cooling of Nd-doped solids. Proceedings of SPIE, 2012, , .	0.8	1
93	Laser action in Nd^3+-doped lanthanum oxysulfide powders. Optics Express, 2012, 20, 23690.	1.7	26
94	The effect of ZnF2 on the near-infrared luminescence from thulium doped tellurite glasses. Journal of Non-Crystalline Solids, 2012, 358, 1497-1500.	1.5	8
95	Novel calculation for cross-relaxation energy transfer parameter applied on thulium highly-doped tellurite glasses. , 2012, , .		7
96	One- and two-photon pumped random laser action in Rhodamine B doped di-ureasil hybrids. , 2012, , .		1
97	Synthetic Control to Achieve Lanthanide(III)/Pyrimidine-4,6-dicarboxylate Compounds by Preventing Oxalate Formation: Structural, Magnetic, and Luminescent Properties. Inorganic Chemistry, 2012, 51, 7875-7888.	1.9	44
98	Anti-Stokes laser-induced cooling in rare-earth doped low phonon materials. Optical Materials, 2012, 34, 579-590.	1.7	12
99	Spectroscopy of thulium and holmium heavily doped tellurite glasses. Journal of Luminescence, 2012, 132, 270-276.	1.5	15
100	Enhancement of the Luminescent Properties of a New Red-Emitting Phosphor, Mn₂(HPO₃)F₂, by Zn Substitution. Inorganic Chemistry, 2011, 50, 12463-12476.	1.9	54
101	Lanthanide(III)/Pyrimidine-4,6-dicarboxylate/Oxalate Extended Frameworks: A Detailed Study Based on the Lanthanide Contraction and Temperature Effects. Inorganic Chemistry, 2011, 50, 8437-8451.	1.9	60
102	Random lasing in Nd:LuVO_4 crystal powder. Optics Express, 2011, 19, 19591.	1.7	30
103	Novel approach towards cross-relaxation energy transfer calculation applied on highly thulium doped tellurite glasses. Optics Express, 2011, 19, 26269.	1.7	14
104	Local internal and bulk optical cooling in Nd-doped crystals and nanocrystalline powders revisited. Proceedings of SPIE, 2011, , .	0.8	1
105	Random laser performance of NdxY1â^'xAl3(BO3)4 laser crystal powders. Optical Materials, 2011, 34, 461-464.	1.7	26
106	Spectroscopy and frequency upconversion of Er3+ ions in fluorotellurite glasses. Optical Materials, 2011, 34, 481-486.	1.7	29
107	Optical and Electroâ€optical Materials Prepared by the Solâ€Gel Method. Advanced Materials, 2011, 23, 5318-5323.	11.1	15
108	Novel Tm3+-doped fluorotellurite glasses with enhanced quantum efficiency. Optical Materials, 2011, 33, 428-437.	1.7	26

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109	Nd3+sensitized upconversion luminescence of Nd3+/Pr3+codoped KPb 2 Cl 5 low phonon crystal. , 2011, , .		0
110	Real-Time Spectroscopy of Solid-State Random Lasers. NATO Science for Peace and Security Series B: Physics and Biophysics, 2011, , 321-342.	0.2	0
111	Spontaneous and stimulated emission spectroscopy of a Nd(3+)-doped phosphate glass under wavelength selective pumping. Optics Express, 2011, 19, 19440-53.	1.7	14
112	Local internal and bulk optical cooling in Nd-doped crystals and nanocrystalline powders. Proceedings of SPIE, 2010, , .	0.8	2
113	Analysis of lasing efficiency in neodymium doped laser crystal powders. Optical Materials, 2010, 33, 211-214.	1.7	3
114	Two-Photon Pumped Solid State Random Laser. ECS Meeting Abstracts, 2010, , .	0.0	0
115	Two-photon pumped random lasing in a dye-doped silica gel powder. , 2010, , .		4
116	Spectroscopy and optical characterization of thulium doped TZN glasses. Journal Physics D: Applied Physics, 2010, 43, 135104.	1.3	27
117	Real time random laser properties of Rhodamine-doped di-ureasil hybrids. Optics Express, 2010, 18, 7470.	1.7	29
118	Efficient Nd^3+â†'Yb^3+ energy transfer in 08CaSiO_3-02Ca_3(PO_4)_2 eutectic glass. Optics Express, 2010, 18, 13842.	1.7	44
119	Real-time spectroscopy of novel solid state random lasers. Proceedings of SPIE, 2009, , .	0.8	0
120	One- and two-photon laser spectroscopy of silica gel-doped fluorescent nanoparticles. Optical Materials, 2009, 31, 1086-1091.	1.7	1
121	Laser spectroscopy of Nd3+ ions in glasses with the 0.8CaSiO3â€“0.2Ca3(PO4)2 eutectic composition. Optical Materials, 2009, 31, 1319-1322.	1.7	11
122	Near infrared to visible upconversion of Er3+ in CaZrO3/CaSZ eutectic crystals with ordered lamellar microstructure. Journal of Luminescence, 2009, 129, 1422-1427.	1.5	13
123	Fluorescence line narrowing spectroscopy of Eu3+ in TeO2â€“TiO2â€“Nb2O5 glass. Optical Materials, 2009, 31, 1092-1095.	1.7	11
124	Spectroscopic properties and frequency upconversion of Er3+-doped 0.8CaSiO3â€“0.2Ca3(PO4)2 eutectic glass. Optical Materials, 2009, 31, 1105-1108.	1.7	14
125	Laser cooling of Er3+-doped low-phonon materials: Current status and outlook. Optical Materials, 2009, 31, 1075-1081.	1.7	11
126	Upconversion luminescence of transparent Er3+-doped chalcohalide glassâ€“ceramics. Optical Materials, 2009, 31, 760-764.	1.7	68

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127	Study of lasing threshold and efficiency in laser crystal powders. European Physical Journal D, 2009, 52, 195-198.	0.6	6
128	A self-tunable Titanium Sapphire laser by rotating a set of parallel plates of active material. Optics Express, 2009, 17, 3771.	1.7	2
129	Broadband laser tunability of Nd^3+ ions in 08CaSiO_3-02Ca_3(PO_4)_2 eutectic glass. Optics Express, 2009, 17, 4382.	1.7	21
130	Study of broadband near-infrared emission in Tm^3+-Er^3+ codoped TeO_2-WO_3-PbO glasses. Optics Express, 2009, 17, 8781.	1.7	49
131	1Low threshold random lasing in dye-doped silica nano powders. Optics Express, 2009, 17, 13202.	1.7	19
132	Upconversion cooling of Er-doped low-phonon fluorescent solids. Physical Review B, 2009, 79, .	1.1	26
133	Rare-earth-doped photonic crystals for the development of solid-state optical cryocoolers. , 2009, , .		1
134	Broadband emission of Tm³⁺-Er³⁺codoped TeO 2 -WO 3 -PbO glasses. Proceedings of SPIE, 2009, , .	0.8	0
135	Upconversion emission in Er3+-doped lead niobium germanate thin-film glasses produced by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2008, 93, 621-625.	1.1	6
136	Optical spectroscopic study of Eu^3+ crystal field sites in Na_3La_9O_3(BO_3)_8 crystal. Optics Express, 2008, 16, 2653.	1.7	22
137	Spectroscopic properties of the 1.4 Î¼m emission of Tm^3+ ions in TeO_2-WO_3-PbO glasses. Optics Express, 2008, 16, 11836.	1.7	56
138	On the origin of bichromatic laser emission in Nd^3+-doped fluoride glasses. Optics Express, 2008, 16, 11894.	1.7	37
139	Ultrafast random laser emission in a dye-doped silica gel powder. Optics Express, 2008, 16, 12251.	1.7	52
140	Upconversion processes of Er3+in ZrO 2 -CaO eutectic crystals. , 2008, , .		1
141	Spectroscopy and frequency upconversion in Nd3+-doped TeO2â€“TiO2â€“Nb2O5glass. Journal of Physics Condensed Matter, 2007, 19, 086223.	0.7	47
142	Transport mean free path in K5Bi1â^'xNdx(MoO4)4laser crystal powders. Journal of Physics Condensed Matter, 2007, 19, 036206.	0.7	4
143	Recent advances in laser-induced cooling in rare-earth doped low phonon materials. , 2007, , .		3
144	Characterization of light scattering in translucent ceramics. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 43.	0.9	14

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145	Spectroscopy and concentration quenching of the infrared emissions in Tm^3+-doped TeO_2-TiO_2-Nb_2O_5 glass. Optics Express, 2007, 15, 6750.	1.7	68
146	Laser action and upconversion of Nd3+ in tellurite bulk glass. Journal of Non-Crystalline Solids, 2007, 353, 990-992.	1.5	76
147	Anti-Stokes laser cooling in erbium-doped low-phonon materials. , 2007, , .		8
148	Light propagation in optical crystal powders: effects of particle size and volume filling factor. Journal of Physics Condensed Matter, 2007, 19, 456213.	0.7	8
149	Characterization of light propagation in <inf:math altimg="si11.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.els- Optical Ma	1.7	5
150	Homogeneous line width of rare-earth-doped glasses for levels in a Stark level ladder: A new simple rule. Journal of Luminescence, 2007, 122-123, 453-455.	1.5	4
151	First luminescence study of the new oxyborate Na3La9O3(BO3)8:Nd3+. Optical Materials, 2007, 30, 122-125.	1.7	5
152	Infrared to visible upconversion of Nd3+ions in KPb2Br5low phonon crystal. Optics Express, 2006, 14, 3993.	1.7	30
153	Spectroscopic properties of Yb3+ ions in halogeno-sulfide glasses. Journal of Non-Crystalline Solids, 2006, 352, 2444-2447.	1.5	4
154	Site selective spectroscopy of Eu3+ in heavy-metal oxide glasses. Journal of Non-Crystalline Solids, 2006, 352, 2448-2451.	1.5	16
155	Spectroscopy and frequency up-conversion in KPb 2 Br 5 :Nd3+crystal. , 2006, , .		1
156	Spectroscopic study of Nd3+/Yb3+ in disordered potassium bismuth molybdate laser crystals. Optical Materials, 2006, 28, 1247-1252.	1.7	21
157	Effect of concentration on the infrared emissions of Tm3+ ions in lead niobium germanate glasses. Optical Materials, 2006, 28, 1253-1257.	1.7	33
158	Anti-Stokes Laser Cooling in Bulk Erbium-Doped Materials. Physical Review Letters, 2006, 97, 033001.	2.9	100
159	Transport mean-free-path in K5Bi1-xNdx(MoO4)4 laser crystal powders. , 2006, , .		0
160	Self-tuning in birefringent La3Ga5SiO14:Nd3+ laser crystal. Optical Materials, 2005, 27, 1692-1696.	1.7	9
161	Laser dynamics and upconversion processes in Nd3+-doped yttrofluorite crystals. Optical Materials, 2005, 27, 1697-1703.	1.7	18
162	Rare earths in nanocrystalline glassâ€“ceramics. Optical Materials, 2005, 27, 1762-1770.	1.7	62

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163	Energy transfer studies in Eu3+-doped leadâ€“niobiumâ€“germanate glasses. Optical Materials, 2005, 27, 1776-1780.	1.7	8
164	The density of electromagnetic modes in photonic crystals based on the pyrochlore and kagomÃ© lattices. Optical Materials, 2005, 27, 1733-1742.	1.7	6
165	Optical properties of Yb3+ ions in halogeno-sulphide glasses. Optical Materials, 2005, 27, 1748-1753.	1.7	10
166	Absorption dependence of reflectance in NdAl3(BO3)4 laser crystal powder. Optical Materials, 2005, 27, 1686-1691.	1.7	7
167	Optical spectroscopy of Tm3+ ions in GeO2â€“PbOâ€“Nb2O5 glasses. Optical Materials, 2005, 27, 1771-1775.	1.7	57
168	Origin of the infrared to visible upconversion mechanisms in Nd3+-doped potassium lead chloride crystal. Optical Materials, 2005, 27, 1704-1710.	1.7	11
169	Concentration quenching of the 1470-nm emission in Tm3+-doped lead-niobium-germanate glasses. , 2005, , .		2
170	Dynamics of the infrared-to-visible upconversion in anEr3+-dopedKPb2Br5crystal. Physical Review B, 2005, 72, .	1.1	21
171	Wavelength tuning of Titanium Sapphire Laser by its own crystal birefringence. Optics Express, 2005, 13, 1254.	1.7	7
172	Investigation of site-selective symmetries of Eu3+ ions in KPb2Cl5 by using optical spectroscopy. Optics Express, 2005, 13, 2141.	1.7	42
173	Wavelength Tuning in Birefringent Laser Crystals by Their Own Birefringence: A Theoretical Approach. , 2005, , .		0
174	Spectroscopic properties of Tm3+ions in lead-niobium-germanate glasses. , 2004, , .		0
175	Upconversion processes inEr3+-dopedKPb2Cl5. Physical Review B, 2004, 69, .	1.1	73
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