Eva MihÃ³kovÃ¡

List of Publications by Year
in descending order

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219	6,184	81743	102304
papers	citations	39 h-index	66 g-index

221	221	221	3150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced Halide Scintillators: From the Bulk to Nano. Advanced Photonics Research, 2022, 3, .	1.7	10
2	Scintillation Response Enhancement in Nanocrystalline Lead Halide Perovskite Thin Films on Scintillating Wafers. Nanomaterials, 2022, 12, 14.	1.9	19
3	Origin of luminescence in Bi3+ - doped lanthanide niobates. Journal of Alloys and Compounds, 2021, 859, 157800.	2.8	11
4	Fine-grained Ce,Y:SrHfO₃ Scintillation Ceramics Fabricated by Hot Isostatic Pressing. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2021, 36, 1118.	0.6	4
5	On the Role of Cs4PbBr6 Phase in the Luminescence Performance of Bright CsPbBr3 Nanocrystals. Nanomaterials, 2021, 11, 1935.	1.9	7
6	Peculiarities and the red shift of Eu2+ luminescence in Gd3+-admixed YAG phosphors. Optical Materials, 2021, 120, 111464.	1.7	2
7	Fabrication and scintillation properties of Pr:Lu3Al5O12 transparent ceramics from co-precipitated nanopowders. Journal of Alloys and Compounds, 2020, 818, 152885.	2.8	6
8	Microstructure evolution in two-step-sintering process toward transparent Ce:(Y,Gd)3(Ga,Al)5O12 scintillation ceramics. Journal of Alloys and Compounds, 2020, 846, 156377.	2.8	10
9	Luminescence Spectroscopy and Origin of Luminescence Centers in Bi-Doped Materials. Crystals, 2020, 10, 208.	1.0	48
10	CsPbBr₃ Thin Films on LYSO:Ce Substrates. IEEE Transactions on Nuclear Science, 2020, 67, 933-938.	1.2	8
11	Luminescent Nanocomposites for Biomedical Applications. IEEE Transactions on Nuclear Science, 2020, 67, 962-968.	1.2	1
12	Luminescence and scintillation properties of strontium hafnate and strontium zirconate single crystals. Optical Materials, 2019, 98, 109494.	1.7	6
13	Suppression of the slow scintillation component of Pr:Lu3Al5O12 transparent ceramics by increasing Pr concentration. Journal of Luminescence, 2019, 210, 14-20.	1.5	16
14	On the structure, synthesis, and characterization of ultrafast blue-emitting CsPbBr3 nanoplatelets. APL Materials, 2019, 7, .	2.2	38
15	Electronic band modification for faster and brighter Ce,Mg:Lu3-xYxAl5O12 ceramic scintillators. Journal of Luminescence, 2019, 214, 116545.	1.5	22
16	Coreâ€“shell ZnO:Ga-SiO₂ nanocrystals: limiting particle agglomeration and increasing luminescence via surface defect passivation. RSC Advances, 2019, 9, 28946-28952.	1.7	15
17	Novel scintillating nanocomposite for X-ray induced photodynamic therapy. Radiation Measurements, 2019, 121, 13-17.	0.7	9
18	LuAG:Pr3+-porphyrin based nanohybrid system for singlet oxygen production: Toward the next generation of PDTX drugs. Journal of Photochemistry and Photobiology B: Biology, 2018, 179, 149-155.	1.7	11

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19	Fabrication and properties of Eu:Lu2O3 transparent ceramics for X-ray radiation detectors. Optical Materials, 2018, 80, 22-29.	1.7	19
20	Afterglow and Quantum Tunneling in Ce-Doped Lutetium Aluminum Garnet. IEEE Transactions on Nuclear Science, 2018, 65, 2085-2089.	1.2	5
21	Luminescence processes in Ti-doped LiAlO2 single crystals for neutron scintillators. Journal of Luminescence, 2018, 201, 231-244.	1.5	5
22	Origin of Bi3+â€“related luminescence in Gd3Ga5O12:Bi epitaxial films. Journal of Luminescence, 2017, 190, 81-88.	1.5	22
23	Luminescence and Charge Trapping in Cs₂HfCl₆ Single Crystals: Optical and Magnetic Resonance Spectroscopy Study. Journal of Physical Chemistry C, 2017, 121, 12375-12382.	1.5	33
24	Defect states and temperature stability of Eu2+ center in Eu-doped yttrium aluminum garnet. Journal of Luminescence, 2017, 190, 309-313.	1.5	8
25	Chapter 6 Luminescence of Pb- and Bi-Related Centers in Aluminum Garnet, Perovskite, and Orthosilicate Single-Crystalline Films. , 2017, , 227-302.		4
26	Luminescence and photoâ€thermally stimulated defectâ€creation processes in Bi³⁺â€doped single crystals of lead tungstate. Physica Status Solidi (B): Basic Research, 2016, 253, 895-910.	0.7	24
27	Luminescence and excited state dynamics in Bi3+-doped LiLaP4O12 phosphates. Journal of Luminescence, 2016, 176, 324-330.	1.5	14
28	Eu²⁺ Stabilization in YAG Structure: Optical and Electron Paramagnetic Resonance Study. Journal of Physical Chemistry C, 2016, 120, 21751-21761.	1.5	34
29	Preparation and luminescence properties of ZnO:Ga â€“ polystyrene composite scintillator. Optics Express, 2016, 24, 15289.	1.7	56
30	Energy bands and gaps near an impurity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 3430-3433.	0.9	3
31	Luminescence and scintillation properties of Lu3Al5O12 nanoceramics sintered by SPS method. Optical Materials, 2016, 53, 54-63.	1.7	14
32	Preliminary study on singlet oxygen production using CeF3:Tb3+@SiO2-PpIX. Radiation Measurements, 2016, 90, 325-328.	0.7	14
33	ALnS 2 :RE (A=K, Rb; Ln=La, Gd, Lu, Y): New optical materials family. Journal of Luminescence, 2016, 170, 718-735.	1.5	30
34	Crystal field and magnetism with Wannier functions: rare-earth doped aluminum garnets. Journal of Rare Earths, 2015, 33, 1316-1323.	2.5	7
35	Electron paramagnetic resonance study of theCe3+pair centers inYAlO3:Ce scintillator crystals. Physical Review B, 2015, 92, .	1.1	9
36	Optical, Structural and Paramagnetic Properties of Eu-Doped Ternary Sulfides ALnS2 (A = Na, K, Rb; Ln =) Tj ETQq0 0 0 rgBT /Overlock 10	1.3	38

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37	Temperature dependent luminescence characteristics of KBe2BO3F2 and RbBe2BO3F2. IOP Conference Series: Materials Science and Engineering, 2015, 80, 012015.	0.3	1
38	Nanocrystalline Eu-doped Lu3Al5O12 phosphor prepared by radiation method. Optical Materials, 2015, 40, 102-106.	1.7	3
39	Low temperature delayed recombination decay in scintillating garnets. Optical Materials, 2015, 40, 127-131.	1.7	19
40	Luminescence characteristics of doubly doped KLuS2:Eu, RE (RE = Pr, Sm, Ce). Optical Materials, 2015, 41, 94-97.	1.7	16
41	Low temperature delayed recombination and trap tunneling. Journal of Physics Condensed Matter, 2015, 27, 075501.	0.7	4
42	Luminescence and excited state dynamics of Bi3+ centers in Y2O3. Journal of Luminescence, 2015, 167, 268-277.	1.5	22
43	Time-resolved spectroscopy of Bi3+ centers in Y4Al2O9. Optical Materials, 2015, 46, 104-108.	1.7	11
44	Luminescent materials: probing the excited state of emission centers by spectroscopic methods. Measurement Science and Technology, 2015, 26, 012001.	1.4	9
45	UV radiation: a promising tool in the synthesis of multicomponent nano-oxides. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	9
46	Investigation of the luminescence, crystallographic and spatial resolution properties of LSO:Tb scintillating layers used for X-ray imaging applications. Radiation Measurements, 2014, 62, 28-34.	0.7	13
47	Low Temperature Delayed Recombination Decay in Complex Oxide Scintillating Crystals. IEEE Transactions on Nuclear Science, 2014, 61, 257-261.	1.2	9
48	Comparison of the scintillation and luminescence properties of the (Lu_{1â^'x}Gd_x)₂SiO₅:Ce single crystal scintillators. Journal Physics D: Applied Physics, 2014, 47, 365304.	1.3	16
49	Luminescence Characteristics of the Ce³⁺-Doped Pyrosilicates: The Case of La-Admixed Gd₂Si₂O₇ Single Crystals. Journal of Physical Chemistry C, 2014, 118, 26521-26529.	1.5	33
50	Defect Engineering in Ce-Doped Aluminum Garnet Single Crystal Scintillators. Crystal Growth and Design, 2014, 14, 4827-4833.	1.4	197
51	Optical properties of Ce3+-doped KLuS2 phosphor. Journal of Luminescence, 2014, 147, 196-201.	1.5	26
52	Optical and Structural Properties of ${m RE}^{3+}$-Doped ${m KLnS} _{2}$ Compounds. IEEE Transactions on Nuclear Science, 2014, 61, 385-389.	1.2	17
53	Time-resolved photoluminescence and excited state structure of Bi3+ center in YAlO3. Optical Materials, 2014, 36, 1705-1708.	1.7	17
54	Scintillation characteristics of LiCaAlF6-based single crystals under X-ray excitation. Applied Physics Letters, 2013, 102, .	1.5	15

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55	Photoluminescence properties of non-stoichiometric strontium zirconate powder phosphor. Optical Materials, 2013, 35, 1019-1022.	1.7	12
56	Deep trapping states in cerium doped (Lu,Y,Gd)3(Ga,Al)5O12 single crystal scintillators. Radiation Measurements, 2013, 56, 98-101.	0.7	38
57	Photoluminescence and excited state structure in Bi3+-doped Y2SiO5 single crystalline films. Radiation Measurements, 2013, 56, 90-93.	0.7	13
58	Luminescence and structural properties of RbGdS2 compounds doped by rare earth elements. Optical Materials, 2013, 35, 1226-1229.	1.7	27
59	Luminescence and origin of lead-related centers in single crystalline films of Y2SiO5 and Lu2SiO5. Radiation Measurements, 2013, 56, 124-128.	0.7	5
60	Quantum tunneling and low temperature delayed recombination in scintillating materials. Chemical Physics Letters, 2013, 578, 66-69.	1.2	18
61	Photoluminescence and excited state structure of Bi3+-related centers in Lu2SiO5:Bi single crystalline films. Journal of Luminescence, 2013, 134, 469-476.	1.5	25
62	Trapping states and excited state ionization of the Ce3+ activator in the SrHfO3 host. Chemical Physics Letters, 2013, 556, 89-93.	1.2	7
63	Optical properties of Eu2+-doped KLuS2 phosphor. Chemical Physics Letters, 2013, 574, 61-65.	1.2	34
64	Delayed recombination and excited state ionization of the Ce³⁺ activator in the SrHfO₃ host. Physica Status Solidi - Rapid Research Letters, 2013, 7, 228-231.	1.2	25
65	Conference Comments by the Editors. IEEE Transactions on Nuclear Science, 2012, 59, 2037-2037.	1.2	0
66	Influence of yttrium Content on the Ce1 and Ce2 Luminescence Characteristics in $({m Lu}_{1-{m) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2012, 59, 2079-2084.	1.2	22
67	Thermally Stimulated Luminescence in Ce-Doped Yttrium Oxyorthosilicate. IEEE Transactions on Nuclear Science, 2012, 59, 2085-2088.	1.2	16
68	Optical methods for the evaluation of the thermal ionization barrier of lanthanide excited states in luminescent materials. Physical Review B, 2012, 85, .	1.1	36
69	Luminescence of lead-related centres in single crystalline films of Lu2SiO5. Journal Physics D: Applied Physics, 2012, 45, 355304.	1.3	8
70	Origin of Bi³⁺â€related luminescence centres in Lu₃Al₅O₁₂:Bi and Y₃Al₅O₁₂:Bi single crystalline films and the structure of their relaxed excited states. Physica Status Solidi (B): Basic Research, 2012, 249, 1039-1045.	0.7	40
71	Defect states in Pr3+ doped lutetium pyrosilicate. Optical Materials, 2012, 34, 872-877.	1.7	22
72	Incorporation of Ce3+ in crystalline Gd-silicate nanoclusters formed in silica. Journal of Luminescence, 2012, 132, 461-466.	1.5	28

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73	Acetateâ€“citrate gel combustion: a strategy for the synthesis of nanosized lutetium hafnate phosphor powders. Journal of Materials Chemistry, 2011, 21, 8975.	6.7	6
74	Prompt and delayed recombination mechanisms in Lu4Hf3O12 nanophosphors. Optical Materials, 2011, 34, 228-233.	1.7	9
75	Tunnelling processes-driven radiative recombination in complex oxide scintillators. Journal of Physics: Conference Series, 2010, 249, 012018.	0.3	11
76	Luminescence and scintillation kinetics of the Pr3+ doped Lu2Si2O7 single crystal. Chemical Physics Letters, 2010, 493, 72-75.	1.2	35
77	Temperature dependence of luminescence characteristics of Lu2(1â^'x)Y2xSiO5:Ce3+ scintillator grown by the Czochralski method. Journal of Applied Physics, 2010, 108, .	1.1	66
78	Photoluminescence of Pb2+-doped SrHfO3. Radiation Measurements, 2010, 45, 406-408.	0.7	17
79	Defect states in Lu3GaxAl5â^'xO12 crystals and powders. Optical Materials, 2010, 32, 1298-1301.	1.7	10
80	Structure and morphology of scintillating Ce- and Pb-doped strontium hafnate powders. Optical Materials, 2010, 32, 1356-1359.	1.7	16
81	In+, Pb2+ and Bi3+ in KBr crystal: Luminescence dynamics. Optical Materials, 2010, 32, 1280-1282.	1.7	14
82	Thermally-induced ionization of the Ce3+ excited state in SrHfO3 microcrystalline phosphor. Optical Materials, 2010, 33, 149-152.	1.7	15
83	Thermally-induced ionization of the Ce3+and Pb2+excited states in the SrHfO3microcrystalline phosphor. IOP Conference Series: Materials Science and Engineering, 2010, 15, 012093.	0.3	1
84	Evidences of Rare-Earth Nanophases Embedded in Silica Using Vibrational Spectroscopy. IEEE Transactions on Nuclear Science, 2010, 57, 1361-1369.	1.2	14
85	Intrinsic and impurity-induced emission bands in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrHfO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:mr Physical Review B, 2010, 82, .	1.1	16
86	Optical and Structural Properties of Pb and Ce Doped ${hbox {SrHfO}}_{3}$ Powders. IEEE Transactions on Nuclear Science, 2010, 57, 1245-1250.	1.2	19
87	Low Temperature Scintillation in ZnSe Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1470-1474.	1.2	36
88	Correction to â€œEvidences of Rare-Earth Nanophases Embedded in Silica Using Vibrational Spectroscopyâ€•[Jun 10 1361-1369. IEEE Transactions on Nuclear Science, 2010, 57, 2405-2405.	1.2	0
89	Can Pr-Doped YAP Scintillator Perform Better?. IEEE Transactions on Nuclear Science, 2010, 57, 1168-1174.	1.2	17
90	Discrete breathers and the anomalous decay of luminescence. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 183001.	0.7	3

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91	Assignment of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi><mml:mtext>â”’</mml:mtext><mml:mn>5</mml:mn><mml:m bands in Ce-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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109	Shallow Traps in ${m YAlO}_{3}:{m Ce}$ Single Crystal Perovskites. IEEE Transactions on Nuclear Science, 2008, 55, 1114-1117.	1.2	22
110	Torus doubling resonances and breather stability. Physical Review E, 2008, 78, 026212.	0.8	1
111	Shallow traps and radiative recombination processes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Lu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Al</mml:mi><mml:mn>5</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>12</mml:mn></mml:msub><mml:mo>:</mml:mo><mml:mi mathvariant="normal">Ce</mml:mi></mml:mrow></mml:math> single crystal scintillator. Physical Revi	1.1	168
112	Radiation damage processes in complex-oxide scintillators. , 2007, , .		17
113	Crystal growth and scintillating properties of (Pr,Si)â€doped YAlO₃. Crystal Research and Technology, 2007, 42, 1324-1328.	0.6	10
114	Luminescence and scintillation properties of YAG:Ce single crystal and optical ceramics. Journal of Luminescence, 2007, 126, 77-80.	1.5	159
115	Single crystalline film scintillators based on Ce- and Pr-doped aluminium garnets. Radiation Measurements, 2007, 42, 521-527.	0.7	92
116	Luminescence and scintillation properties of Y3Al5O12:Pr single crystal. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1012-1015.	0.8	12
117	Decay course of slow emission component for thallium and lead centers in some alkali halide crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 817-821.	0.8	1
118	Rare earth doped LiCaAlF6 as a new potential dosimetric material. Optical Materials, 2007, 30, 69-71.	1.7	21
119	Antisite defect-free Lu3(GaxAl1â^'x)5O12:Pr scintillator. Applied Physics Letters, 2006, 88, 141916.	1.5	143
120	Model of temperature dependent crystal relaxation. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3430-3433.	0.8	3
121	The role of breathers in the anomalous decay of luminescence. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3426-3429.	0.8	1
122	Structure and time-dependence of quantum breathers. Chemical Physics, 2006, 322, 55-74.	0.9	14
123	Anomalous decay and breather formation in doped alkali halides. Journal of Luminescence, 2006, 121, 465-469.	1.5	6
124	Stability of Quantum Breathers. Physical Review Letters, 2006, 96, 065501.	2.9	24
125	SCINTILLATOR AND PHOSPHOR MATERIALS: LATEST DEVELOPMENTS AND APPLICATIONS. , 2006, , .		0
126	Lattice influence on the excited state relaxation. Journal of Luminescence, 2005, 112, 230-234.	1.5	0

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127	Fast 5dâ†'4f luminescence of Pr3+ in Lu2SiO5 single crystal host. Chemical Physics Letters, 2005, 410, 218-221.	1.2	85
128	Influence of Si-codoping on YAG:Ce scintillation characteristics. IEEE Transactions on Nuclear Science, 2005, 52, 1105-1108.	1.2	18
129	Mixed coordination and time-resolved luminescence of lead impurity centres. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 89-92.	0.8	0
130	The antisite LuAl defect-related trap in Lu3Al5O12:Ce single crystal. Physica Status Solidi (B): Basic Research, 2005, 242, R119-R121.	0.7	199
131	Electron capture inPbWO4: Mo andPbWO4:Mo,La single crystals: ESR and TSL study. Physical Review B, 2005, 71, .	1.1	39
132	Photoluminescence of Bi3+in Y3Ga5O12single-crystal host. Journal of Physics Condensed Matter, 2005, 17, 3367-3375.	0.7	53
133	Role of breathers in anomalous decay. Physical Review E, 2004, 70, 016610.	0.8	14
134	The Red-Shift of Ultraviolet Spectra and the Relation to Optical Basicity of Ce-Doped Alkali Rare-Earth Phosphate Glasses. Journal of the American Ceramic Society, 2004, 87, 1378-1380.	1.9	35
135	Trap levels in Y-aluminum garnet scintillating crystals. Radiation Measurements, 2004, 38, 673-676.	0.7	21
136	Recombination luminescence in lead tungstate scintillating crystals. Radiation Measurements, 2004, 38, 381-384.	0.7	3
137	Excited-state dynamics of Yb2+ in LiCaAlF6 single crystal. Radiation Measurements, 2004, 38, 545-548.	0.7	15
138	Decay kinetics of the green emission in tungstates and molybdates. Radiation Measurements, 2004, 38, 533-537.	0.7	55
139	Path integral in a magnetic field using the Trotter product formula. American Journal of Physics, 2004, 72, 385-388.	0.3	11
140	Electron traps related to oxygen vacancies inPbWO4. Physical Review B, 2003, 67, .	1.1	49
141	Decay kinetics of the green emission in PbWO4:Mo. Journal of Luminescence, 2003, 102-103, 618-622.	1.5	20
142	Delayed recombination luminescence in lead tungstate (PWO) scintillating crystals. Journal of Luminescence, 2003, 102-103, 791-796.	1.5	10
143	Luminescence and decay kinetics of Yb2+ in LiCaAlF6 single crystal host. Optical Materials, 2003, 24, 191-195.	1.7	18
144	Thermoluminescence of Zr-codoped Lu3Al5O12:Ce crystals. Physica Status Solidi A, 2003, 195, R1-R3.	1.7	35

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145	Ultraviolet transparency and activator oxidation state of Ce 3+ -doped phosphate glasses. Journal of Non-Crystalline Solids, 2003, 326-327, 339-342.	1.5	24
146	Pecularities in Optical Properties of ns2Ions. Radiation Effects and Defects in Solids, 2003, 158, 67-71.	0.4	1
147	Photoinduced oxygen-vacancy related centers in PbWO 4 : Electron spin resonance and thermally stimulated luminescence study. Radiation Effects and Defects in Solids, 2002, 157, 1025-1031.	0.4	3
148	Enhanced efficiency of PbWO4:Mo,Nb scintillator. Journal of Applied Physics, 2002, 91, 5041-5044.	1.1	66
149	Complete characterization of doubly doped PbWO4:Mo,Y scintillators. Journal of Applied Physics, 2002, 91, 2791-2797.	1.1	42
150	Temperature dependence of anomalous luminescence decay:â€,â€,Theory and experiment. Physical Review B, 2002, 66, .	1.1	17
151	Radiation induced colour centers and damage in YAlO 3 :Ce and YAlO 3 :Ce,Zr scintillators. Radiation Effects and Defects in Solids, 2002, 157, 677-681.	0.4	4
152	Enhanced efficiency of doubly doped PbWO 4 scintillator. Radiation Effects and Defects in Solids, 2002, 157, 937-941.	0.4	5
153	Defect states in Lu 3 Al 5 O 12 :Ce crystals. Radiation Effects and Defects in Solids, 2002, 157, 1003-1007.	0.4	16
154	Ce3+luminescence in aLiBaF3single crystal at low temperatures. Physical Review B, 2002, 66, .	1.1	17
155	Color centers in LiCaAlF6 single crystals and their suppression by doping. Journal of Applied Physics, 2002, 91, 5666-5670.	1.1	24
156	Optical absorption and thermoluminescence of Tb3Â-doped phosphate scintillating glasses. Journal of Physics Condensed Matter, 2002, 14, 7417-7426.	0.7	21
157	Slow Relaxation, Confinement, and Solitons. Physical Review Letters, 2002, 88, 224101.	2.9	36
158	Theoretical study of the structured blue emission of PbWO 4. Radiation Effects and Defects in Solids, 2002, 157, 927-930.	0.4	0
159	Quantum corrections to the semiclassical temperature scale in the structured emission of tetrahedral complexes. Physical Review B, 2002, 66, .	1.1	6
160	Defect states induced by UVâ€“laser irradiation in scintillating glasses. Nuclear Instruments & Methods in Physics Research B, 2002, 191, 366-370.	0.6	11
161	Effect of Î³ irradiation on optical properties of Ce3+-doped phosphate and silicate scintillating glasses. Radiation Physics and Chemistry, 2002, 63, 231-234.	1.4	10
162	Radiation damage induced by Î³ irradiation on Ce3+ doped phosphate and silicate scintillating glasses. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 476, 785-789.	0.7	19

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163	An effect of Zr4+ co-doping of YAP:Ce scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 250-253.	0.7	46
164	Influence of Y-codoping on the PbWO4:Mo luminescence and scintillator characteristics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 453-457.	0.7	5
165	RADIATION INDUCED COLOR CENTERS IN TB3+â€“DOPED PHOSPHATE SCINTILLATION GLASSES. , 2002, , .		0
166	Structured emission of tetrahedral complexes due to Jahn-Teller and pseudo-Jahn-Teller effects. Physical Review B, 2001, 64, .	1.1	27
167	Optical characterization under irradiation of Ce/sup 3+/ (Tb/sup 3+/)-doped phosphate scintillating glasses. IEEE Transactions on Nuclear Science, 2001, 48, 360-366.	1.2	22
168	Anomalous decay of the slow emission component in doped alkali halides. Journal of Luminescence, 2001, 92, 311-316.	1.5	19
169	Radio- and thermoluminescence and energy transfer processes in Ce3+(Tb3+)-doped phosphate scintillating glasses. Radiation Measurements, 2001, 33, 593-596.	0.7	28
170	The doping of PbWO4 in shaping its scintillator characteristics. Radiation Measurements, 2001, 33, 705-708.	0.7	18
171	Relaxed Excited States Origin and Structure in Lead-Doped Caesium Bromide. Physica Status Solidi (B): Basic Research, 2001, 223, 745-756.	0.7	11
172	Scintillation Decay of LiCaAlF6:Ce3+ Single Crystals. Physica Status Solidi A, 2001, 187, R1-R3.	1.7	38
173	Modification of PbWO4 scintillator characteristics by doping. Journal of Crystal Growth, 2001, 229, 312-315.	0.7	30
174	PhotoinducedPb+center inPbWO4:Electron spin resonance and thermally stimulated luminescence study. Physical Review B, 2001, 64, .	1.1	57
175	Behaviour of the lowest excited triplet state of a divalent lead ion. From an isolated impurity to an exciton. Journal of Luminescence, 2001, 94-95, 397-401.	1.5	2
176	Colour centres induced by Î³ irradiation in scintillating glassy matrices for middle and low energy physics experiments. Nuclear Instruments & Methods in Physics Research B, 2001, 185, 294-298.	0.6	7
177	Luminescence of Cs4PbBr6 Aggregates in As-Grown and in Annealed CsBr:Pb Single Crystals. Physica Status Solidi (B): Basic Research, 2000, 219, 205-214.	0.7	11
178	Effect of La Doping on Calcium Tungstate (CaWO4) Crystals Radiation Hardness. Physica Status Solidi A, 2000, 178, 799-804.	1.7	16
179	Influence of Gd3+ Concentration on PbWO4:Gd3+ Scintillation Characteristics. Physica Status Solidi A, 2000, 179, 445-454.	1.7	16
180	Traps and Timing Characteristics of LuAG:Ce3+ Scintillator. Physica Status Solidi A, 2000, 181, R10-R12.	1.7	194

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181	Excitonic emission of scheelite tungstates AWO4 (A=Pb, Ca, Ba, Sr). Journal of Luminescence, 2000, 87-89, 1136-1139.	1.5	190
182	Development of new mixed Lux(RE3+)1â^'xAP:Ce scintillators (RE3+=Y3+ or Gd3+):comparison with other Ce-doped or intrinsic scintillating crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 443, 331-341.	0.7	42
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