Takayuki Yanagida

List of Publications by Year
in descending order

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775	14,921	47409	53065
papers	citations	49 h-index	89 g-index

783	783	783	5342
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoluminescence and scintillation characteristics of (C₆H₅C<sub> n) Tj ETQq1 1 0.784314 rgBT /Overlock Applied Physics, 2022, 61, SB1037.	0.8	10
2	Evaluation of scintillation properties of organicâ€“inorganic perovskite compoundsâ€”(C₆H₅C₂H₄NH₃)₂Pb_{1â?x}Ni_xBr₄. Japanese Journal of Applied Physics, 2022, 61, SB1041.	0.8	
3	Photoluminescence and scintillation properties of Eu-doped Ga₂O₃ single crystals grown by the floating zone method. Japanese Journal of Applied Physics, 2022, 61, SB1040.	0.8	5
4	Ce concentration dependence of optical and scintillation properties on Ce-doped La₂Si₂O₇ crystal. Japanese Journal of Applied Physics, 2022, 61, SB1038.	0.8	5
5	Scintillation characteristics of Nd³⁺-doped BaOâ€“Al₂O₃â€“TeO₂ glasses. Japanese Journal of Applied Physics, 2022, 61, SB1034.	0.8	3
6	RPL properties of samarium-doped CaSO₄. Japanese Journal of Applied Physics, 2022, 61, SB1035.	0.8	7
7	Application of gold nanomaterials for ionizing radiation detection. Japanese Journal of Applied Physics, 2022, 61, SB1015.	0.8	2
8	Characterization of Nd: LaVO₄ single-crystal scintillator emitting near-infrared photons. Japanese Journal of Applied Physics, 2022, 61, SB1025.	0.8	6
9	252Cf -induced luminescence of cerium-doped lithium silicate glasses. Journal of Luminescence, 2022, 241, 118481.	1.5	6
10	Preparation and scintillation properties of the Eu3+-activated SrOâ€“Al2O3â€“TeO2 glasses. Materials Research Bulletin, 2022, 145, 111547.	2.7	20
11	Optical, scintillation and thermoluminescent properties of Eu2O3-doped K2Oâ€“La2O3â€“Ga2O3 glasses. Radiation Physics and Chemistry, 2022, 190, 109785.	1.4	11
12	Photoluminescence and scintillation characteristics of organicâ€“inorganic layered perovskite-type compounds with a methoxyphenethylamine. Journal of Luminescence, 2022, 241, 118467.	1.5	4
13	Optical and radioluminescence properties of Pr-doped BaTi₄O₉ crystals synthesized by the floating zone method. Japanese Journal of Applied Physics, 2022, 61, SB1006.	0.8	5
14	An exhaustive study of the efficiency and sensitivity of a radon cell coated with a new scintillation material. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166165.	0.7	3
15	Detection of ionizing radiation using Ag-doped ZnS nanoparticles. Journal of Materials Science: Materials in Electronics, 2022, 33, 2450-2460.	1.1	10
16	Ce:LaB₃O₆ glass for high-resolution radiation dosimetry. Applied Physics Express, 2022, 15, 022010.	1.1	0
17	Scintillation properties of organicâ€“inorganic layered perovskite-type compounds with a methylphenethylamine. Japanese Journal of Applied Physics, 2022, 61, SB1033.	0.8	3
18	Investigation of Er:Bi4Ge3O12 single crystals emitting near-infrared luminescence for scintillation detectors. Journal of Alloys and Compounds, 2022, 903, 163834.	2.8	18

#	Article	IF	Citations
19	Photoluminescence and Scintillation Properties of Ce-, Pr-, and Tb-doped (Gd,Lu)2Hf2O7 Crystals. Sensors and Materials, 2022, 34, 611.	0.3	5
20	Scintillation Properties of an Organicâ€“Inorganic Lead Iodide Perovskite Single Crystal Having Quantum Well Structures. Sensors and Materials, 2022, 34, 575.	0.3	13
21	Scintillation Properties of Pr-Doped Lanthanum Pyrosilicate Single Crystals. Crystals, 2022, 12, 459.	1.0	5
22	Thermally stimulated luminescence properties of magnesium orthosilicate single crystals doped with Dy³⁺Âions. Japanese Journal of Applied Physics, 2022, 61, 062006.	0.8	7
23	Scintillation and thermoluminescence characteristics of Tm-doped BaCaBO3F. Optical Materials, 2022, 126, 112222.	1.7	3
24	Properties of Sm-Doped SrCl2 Crystalline Scintillators. Crystals, 2022, 12, 517.	1.0	8
25	Radiation response properties of Eu3+-doped K2Oâ€“Ta2O5â€“Ga2O3 glasses. Ceramics International, 2022, 48, 9353-9361.	2.3	8
26	Evaluation of photoluminescence and scintillation properties of Yb2+-doped CsMX3 (M = Ca, Sr; X = Cl,) Tj ETQq0 0 0 rgBT /Overlock 10	1.5	1
27	Ce concentration dependence on scintillation properties of Ce-doped yttrium pyrosilicate single crystal. Radiation Physics and Chemistry, 2022, 197, 110160.	1.4	7
28	Na-concentration dependence on radiophotoluminescence properties of CaF2. Solid State Sciences, 2022, , 106892.	1.5	4
29	Dosimetric properties of Dy-doped LiCaPO4. Optik, 2022, 260, 169079.	1.4	3
30	Scintillation properties of Yb-doped Bi₄Ge₃O₁₂ single crystals emitting near-infrared luminescence. Japanese Journal of Applied Physics, 2022, 61, 062009.	0.8	8
31	Photoluminescence, scintillation, and dosimetric properties of Tb-doped Mg2SiO4 single crystals. Journal of Materials Science: Materials in Electronics, 2022, 33, 13634-13641.	1.1	15
32	Luminescence and dose-rate response properties of Pr-doped Bi4Ge3O12 scintillators. Radiation Measurements, 2022, 154, 106773.	0.7	11
33	TSL and OSL properties of undoped and Eu-doped NaMgF3 translucent ceramics prepared by a spark plasma sintering method. Radiation Measurements, 2022, 154, 106785.	0.7	4
34	Photoluminescence and scintillation properties of Pr-doped SrLu2O4 single crystals with different concentrations. Optical Materials, 2022, 128, 112385.	1.7	6
35	Nanostructured scintillator developed in-house for radon detection. Radiation Physics and Chemistry, 2022, 197, 110159.	1.4	3
36	Evaluation of radiation-induced luminescence properties of Tb-doped LiCaPO4. Radiation Physics and Chemistry, 2022, 197, 110180.	1.4	6

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37	Scintillation characteristics of Eu2O3-doped WO3â€“Al2O3â€“TeO2 glasses. Journal of Luminescence, 2022, 249, 119003.	1.5	8
38	Optical and thermally-stimulated luminescence properties of Ce-doped Al2O3 transparent ceramics. Optik, 2022, 264, 169435.	1.4	3
39	Luminescence and scintillation properties of Ce-doped calcium hafnate perovskite single crystals. Journal of Luminescence, 2022, 250, 119088.	1.5	4
40	Thermally-stimulated luminescence and optical properties of Eu-doped MgAl2O4 transparent ceramics. Journal of Luminescence, 2022, 251, 119136.	1.5	7
41	Scintillation properties of Mn-doped methylammonium lead chloride crystals. Journal of Materials Science: Materials in Electronics, 2021, 32, 12903-12910.	1.1	4
42	Optical and scintillation properties of Ce-doped 20CsCl-20BaCl2-60ZnCl2 glasses. Optik, 2021, 226, 165825.	1.4	9
43	Effects of dopant concentration in Eu-doped Ca2MgSi2O7 single crystalline scintillators. Materials Research Bulletin, 2021, 135, 111155.	2.7	10
44	Scintillation and photoluminescence properties of Cs2NaY1â^'x Pr x Cl6 crystals. Japanese Journal of Applied Physics, 2021, 60, 022001.	0.8	2
45	Ag-doped phosphate glass with high weathering resistance for RPL dosimeter. Radiation Measurements, 2021, 140, 106492.	0.7	14
46	Neutron detection via thermoluminescence of Tb³⁺-doped Li₂Oâ€“Al₂O₃â€“B₂O₃glasses. Japanese Journal of Applied Physics, 2021, 60, 036002.	0.8	9
47	Influence of Yb doping on optical and upconversion photoluminescence properties of Yb-, Er-co-doped Y2O3 transparent ceramics prepared by SPS. Journal of Materials Science: Materials in Electronics, 2021, 32, 6304-6311.	1.1	4
48	Scintillation and thermoluminescent properties of Dy-doped calcium borate chloride. Optical Materials, 2021, 112, 110784.	1.7	8
49	Examination of structure and optical properties of Ce3+-doped strontium borate glass by regression analysis. Scientific Reports, 2021, 11, 3811.	1.6	19
50	Photoluminescence, scintillation and thermoluminescence properties of Ce-doped SrLaAl3O7 crystals synthesized by the optical floating zone method. Optical Materials, 2021, 112, 110782.	1.7	3
51	Tl2NaYCl6: a new selfâ€activated scintillator possessing an elpasolite structure. Journal of Materials Science: Materials in Electronics, 2021, 32, 7906-7912.	1.1	3
52	Photoluminescence, scintillation, and dosimetric properties of Ce-codoped MgF2:Tb ceramics. Journal of Luminescence, 2021, 231, 117803.	1.5	1
53	Evaluation of photoluminescence and scintillation properties of Euâ€doped 20CsClâ€“20BaCl2â€“60ZnCl2 glasses by a melt quenching method. Journal of Materials Science: Materials in Electronics, 2021, 32, 8725-8732.	1.1	3
54	Dosimetric properties in Cu-doped silica glasses synthesized by the spark plasma sintering method. Journal of the Ceramic Society of Japan, 2021, 129, 154-158.	0.5	3

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55	Photoluminescence, scintillation and thermoluminescent properties of Tb-doped BaCaBO3F. Radiation Measurements, 2021, 143, 106563.	0.7	4
56	Thermally stimulated luminescence properties of Dy-doped MgAl2O4 single crystals. Optik, 2021, 231, 166498.	1.4	7
57	Scintillation properties of (C6H5C2H4NH3)2Pb1-Sn Br4 crystals having two-dimensional quantum-well structures. Optical Materials, 2021, 114, 111002.	1.7	13
58	Optical and scintillation properties of Nd-doped Lu2Si2O7 single crystals. Journal of Alloys and Compounds, 2021, 860, 158538.	2.8	10
59	Optical and radiation response characteristics of Eu2O3-doped K2Oâ€“Bi2O3â€“Ga2O3 glasses. Ceramics International, 2021, 47, 11596-11601.	2.3	12
60	Characterization of optically-stimulated luminescence properties by NaCl:Eu2+ crystal and the thermal response. Journal of Alloys and Compounds, 2021, 863, 158561.	2.8	8
61	Radiation-induced luminescence of Ce-doped SrOâ€“B2O3 glasses. Optical Materials, 2021, 115, 111061.	1.7	6
62	Characterization of high dense Pr:GdTaO4 crystal scintillators. Radiation Physics and Chemistry, 2021, 182, 109390.	1.4	12
63	Investigation of SrSiO₃:Ce crystals for scintillator application. Japanese Journal of Applied Physics, 2021, 60, 062005.	0.8	4
64	Ag Concentration Dependence of Build-up Effect of Radio-photoluminescence in Ag-doped P2O5â€“Al2O3â€“Na2Oâ€“SiO2 Glasses. Sensors and Materials, 2021, 33, 2163.	0.3	8
65	Scintillation Properties of Non-doped and Pr-doped BaOâ€“B2O3â€“SiO2 Glasses and Glass-ceramics. Sensors and Materials, 2021, 33, 2215.	0.3	6
66	TSL/OSL/RPL Automated and Integrated Measurement System (TORAIMS). Sensors and Materials, 2021, 33, 2117.	0.3	20
67	VUV- and X-ray-induced Properties of Lu2Si2O7, Y2Si2O7, and Gd2Si2O7 Single Crystals. Sensors and Materials, 2021, 33, 2195.	0.3	9
68	Photoluminescence and Scintillation Properties of Tb:GdTaO4 Crystals. Sensors and Materials, 2021, 33, 2203.	0.3	10
69	Luminescence Properties of Eu:KCaPO4 Ceramics That Generate New Luminescent Centers upon X-ray Irradiation. Sensors and Materials, 2021, 33, 2171.	0.3	8
70	Optical and Scintillation Properties of Nd-doped Strontium Yttrate Single Crystals. Sensors and Materials, 2021, 33, 2235.	0.3	15
71	X-ray-induced Luminescence Properties of Nd-doped GdVO4. Sensors and Materials, 2021, 33, 2243.	0.3	13
72	Scintillation Properties of Dy-doped 50NaPO3â€“50Al(PO3)3 Glasses. Sensors and Materials, 2021, 33, 2179.	0.3	5

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73	Characterization of scintillation properties of Nd-doped Bi4Ge3O12 single crystals with near-infrared luminescence. Journal of Materials Science: Materials in Electronics, 2021, 32, 21677-21684.	1.1	13
74	Evaluation of photoluminescence and scintillation properties of Yb²⁺-doped SrCl_{2â^'}<i>_x</i>Br<i>_x</i> crystals. Journal of the Ceramic Society of Japan, 2021, 129, 406-414.	0.5	9
75	Scintillation properties of Ce-doped LiAlO₂ for neutron detection. Journal of the Ceramic Society of Japan, 2021, 129, 397-401.	0.5	5
76	Remote control of neural function by X-ray-induced scintillation. Nature Communications, 2021, 12, 4478.	5.8	50
77	Photoluminescence and scintillation properties of Ce-doped SrY2O4 single crystals. Optik, 2021, 238, 166789.	1.4	6
78	Photoluminescence and scintillation properties GaN. Applied Physics Express, 2021, 14, 082006.	1.1	4
79	Dosimetric properties of Tb-doped LiF/CaF₂ eutectic composite. Journal of the Ceramic Society of Japan, 2021, 129, 402-405.	0.5	4
80	X- and Î³-ray response of Sm-doped SrBr₂ crystalline scintillators emitting red-NIR photons. Japanese Journal of Applied Physics, 2021, 60, 092002.	0.8	12
81	Radio-photoluminescence properties of silver-doped cesium chloride transparent ceramics. Journal of Luminescence, 2021, 236, 118099.	1.5	5
82	Optically stimulated luminescence properties of Tl-doped NH₄Cl transparent ceramics fabricated by SPS method. Journal of Asian Ceramic Societies, 2021, 9, 1282-1289.	1.0	3
83	Radiation-induced luminescence properties of Ceâ€“doped Mg2SiO4 single crystals. Journal of Materials Science: Materials in Electronics, 2021, 32, 25065-25073.	1.1	9
84	Scintillation light yield of Tb:Sr₂Gd₈(SiO₄)₆O₂. Japanese Journal of Applied Physics, 2021, 60, 106002.	0.8	18
85	Development of (C6H5C2H4NH3)2Pb1-Cd Br4 crystal scintillators with two-dimensional quantum-well structures. Journal of Luminescence, 2021, 237, 118157.	1.5	16
86	Neutron-induced thermoluminescence properties of Tb³⁺-doped Ca₂B₂O₅ceramics. Japanese Journal of Applied Physics, 2021, 60, 092008.	0.8	9
87	Radiation response characteristics of organicâ€“inorganic perovskite-type compounds with a chlorophenethylamine. Materials Research Bulletin, 2021, 142, 111409.	2.7	13
88	Correlation between luminescence of cerium and chemical compositions in lithium silicate-based glasses. Optical Materials, 2021, 121, 111631.	1.7	4
89	Development of Yb2+-doped SrBrI and BaBrI crystalline scintillators. Journal of Luminescence, 2021, 240, 118399.	1.5	5
90	Photostimulated luminescence in Tl-doped NH₄Br translucent ceramics synthesized by SPS. Japanese Journal of Applied Physics, 2021, 60, 122009.	0.8	2

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91	...duced luminescence properties of Ce-doped Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e406" altimg="si11.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>Sc<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e414" altimg="si12.gif"><mml:msub><mml:mrow	0.7	7
92	Comparative study of CsBr:Tl transparent ceramic and single crystal for radiation detector applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 954, 161226.	0.7	16
93	Basic study on a LiF-Eu:CaF2 mixed powder neutron scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 954, 161244.	0.7	2
94	Development of liquid scintillators based on mixed-organic solvents containing 6Li for neutron detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 954, 161632.	0.7	1
95	...H5C2H4NH3)2Pb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e777" altimg="si35.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Sr<mml... xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e789" altimg="si36.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml...	0.7	25
96	Temperature dependence of scintillation responses in rare-earth-ions-doped LiCaAlF6 single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 954, 161518.	0.7	6
97	Auger-free luminescence characteristics of Cs(Ca<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 522 Td (xmlns:mml="http://... Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and	0.7	9
98	Photoluminescence and scintillation properties of Yb2+-doped SrCl2 crystals. Japanese Journal of Applied Physics, 2020, 59, 012005.	0.8	8
99	Optical and scintillation properties of alkaline earth doped Ga2O3 single crystals prepared by the floating zone method. Japanese Journal of Applied Physics, 2020, 59, SCCB20.	0.8	13
100	Optical and scintillation properties of Pr-doped Y2Si2O7 single crystal. Japanese Journal of Applied Physics, 2020, 59, SCCB17.	0.8	11
101	Scintillation properties of xCe:30Rb2O-30BaO-10Al2O3-30P2O5 glasses. Japanese Journal of Applied Physics, 2020, 59, SCCB16.	0.8	4
102	Luminescence and scintillation properties of (C₆H₅(CH₂)₂NH₃)₂(Ba,Pb)Br₄ with self-organized bi-dimensional quantum-well structures. Japanese Journal of Applied Physics, 2020, 59, SCCB04.	0.8	25
103	Synthesis and scintillation properties of Ce-doped CaZrO3single crystals. Japanese Journal of Applied Physics, 2020, 59, SCCB15.	0.8	11
104	Scintillation detector properties of CsLiB6O10 (CLBO) crystal. Applied Physics Express, 2020, 13, 016001.	1.1	12
105	Scintillation and thermally stimulated luminescence properties of Ce-doped SrOâ€“Al2O3â€“SiO2 glasses. Journal of Materials Science: Materials in Electronics, 2020, 31, 3017-3022.	1.1	5
106	Scintillation and TSL properties of Nd-doped TeO2â€“Al2O3-WO3 glasses. Solid State Sciences, 2020, 100, 106111.	1.5	17
107	Characterizations of Pr:Ca2Al2SiO7 single crystal scintillator for Î±-ray detection. Optical Materials, 2020, 100, 109565.	1.7	13
108	Evaluation of dosimetric properties of Tb-doped MgF2 transparent ceramics. Optik, 2020, 203, 163965.	1.4	11

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109	Photoluminescence and scintillation properties of (C6H5C2H4NH3)2Pb1â^'xZnxBr4 as a two-dimensional quantum-confined scintillator. Journal of Materials Science: Materials in Electronics, 2020, 31, 20798-20804.	1.1	14
110	Tm concentration dependence of scintillation characteristics on Tm-doped Lu2Si2O7 single crystal. Journal of Alloys and Compounds, 2020, 847, 156542.	2.8	8
111	Photoluminescence and scintillation properties of Yb2+-doped ACaCl3 (AÂ=ÂCs, Rb, K) crystals. Journal of Luminescence, 2020, 227, 117521.	1.5	9
112	Scintillation and photoluminescence properties of (Tl1â^'xAx)MgCl3 (where AÂ= alkali metal). Journal of Alloys and Compounds, 2020, 823, 153871.	2.8	11
113	Scintillation and luminescence properties of undoped and europium-doped CaZrO3 crystals. Journal of Luminescence, 2020, 223, 117231.	1.5	13
114	Local Structure of the Impurity Site in Nd:LaF₃ by Xâ€Ray Fluorescence Holography. Physica Status Solidi (B): Basic Research, 2020, 257, 2000310.	0.7	2
115	Effect of Ti-doping on dosimetric properties of MgAl2O4 single crystals. Radiation Physics and Chemistry, 2020, 177, 109163.	1.4	11
116	Synthesis, structure, and luminescence properties of layered oxychloride Ba₃Y₂O₅Cl₂. Journal of Materials Chemistry C, 2020, 8, 17162-17168.	2.7	3
117	Scintillation properties of GdAlO3 crystals doped with different concentrations of tm. Journal of Luminescence, 2020, 228, 117610.	1.5	8
118	Scintillation and TSL properties of Eu-doped BaCaBO3F. Ceramics International, 2020, 46, 26339-26345.	2.3	11
119	Effect of Tl doping on optical, TSL and OSL properties of Tl-doped RbBr transparent ceramics synthesized by SPS. Nuclear Instruments & Methods in Physics Research B, 2020, 478, 137-141.	0.6	8
120	Development of plastic scintillators containing a phosphor with aggregation-induced emission properties. Radiation Measurements, 2020, 137, 106401.	0.7	7
121	Radio-photoluminescence properties of samarium-doped alkaline earth sulfates. Nuclear Instruments & Methods in Physics Research B, 2020, 466, 56-60.	0.6	13
122	Development of Ce- and Eu-doped TlSr2Cl5 scintillators. Journal of Materials Science: Materials in Electronics, 2020, 31, 14767-14774.	1.1	2
123	Development of self-activated Tl2ZnCl4 and Tl3ZnCl5 scintillators. Optical Materials, 2020, 109, 110455.	1.7	5
124	Concentration dependence of dosimetric properties in Ce-doped silicate glasses synthesized by the spark plasma sintering method. Journal of Materials Science: Materials in Electronics, 2020, 31, 17755-17761.	1.1	3
125	Radiation response properties of Dy-doped B2O3â€“Al2O3â€“SrO glasses. Optik, 2020, 224, 165613.	1.4	7
126	Oxidation suppression of Cu in alkaline aluminophosphate glass and the effects for radiation-induced luminescence characteristics. Scientific Reports, 2020, 10, 21403.	1.6	6

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127	Development of Eu-doped Sr2MgSi2O7 single crystalline scintillators. Optical Materials, 2020, 109, 110270.	1.7	7
128	Photoluminescence and scintillation properties of Ce-doped SrLu2O4 single crystals. Solid State Sciences, 2020, 110, 106471.	1.5	8
129	Radio-photoluminescence properties of CaF2 transparent and opaque ceramics. Current Applied Physics, 2020, 20, 1195-1200.	1.1	15
130	Dosimetric properties of undoped and Tb-doped MgAl2O4 transparent ceramics. Radiation Measurements, 2020, 135, 106341.	0.7	14
131	Scintillation and dosimetric properties of Tb-doped CaF2 translucent ceramics synthesized by the spark plasma sintering method. Journal of Asian Ceramic Societies, 2020, 8, 484-491.	1.0	5
132	Thermally stimulated luminescence properties of Tm-doped MgAl2O4 transparent ceramics. Optical Materials, 2020, 106, 110028.	1.7	16
133	Dosimetric properties of Tb-doped MgAl₂O₄ single crystals. Japanese Journal of Applied Physics, 2020, 59, 052007.	0.8	18
134	Scintillation and dosimetric properties of Ce-doped MgAl2O4 single crystals. Journal of Luminescence, 2020, 223, 117139.	1.5	27
135	TSL and OSL properties of SPS-derived CsBr transparent ceramics doped with various concentrations of Eu. Radiation Measurements, 2020, 135, 106367.	0.7	6
136	Optical, scintillation, and dosimetric properties of Mn-doped MgAl2O4 single crystals. Journal of Materials Science: Materials in Electronics, 2020, 31, 8240-8247.	1.1	16
137	Photoluminescence and scintillation properties of Ce-doped barium silicate glasses synthesized by the FZ method. Optical Materials, 2020, 105, 109895.	1.7	11
138	Radiation induced change in the optical properties of NaCl:Yb crystal. Radiation Measurements, 2020, 133, 106274.	0.7	20
139	Crystal growth and scintillation properties of Eu:BaAl2O4 crystals. Radiation Measurements, 2020, 135, 106365.	0.7	6
140	Scintillation properties of Nd-doped MSiO3 (M = Ca, Sr, Ba) single crystals. Radiation Measurements, 2020, 133, 106298.	0.7	13
141	Thermally stimulated luminescence of tin-doped borate glasses. Radiation Measurements, 2020, 135, 106344.	0.7	2
142	Evaluation of dosimetric properties of Li-codoped MgF2:Tb ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 12427-12433.	1.1	3
143	Scintillation properties of organicâ€“inorganic layered perovskite nanocrystals in glass. Journal of Applied Physics, 2020, 127, .	1.1	16
144	Evaluation of radiation-induced luminescence properties in Tl-doped SiO₂ glasses prepared by the spark plasma sintering method. Journal of the Ceramic Society of Japan, 2020, 128, 267-272.	0.5	9

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145	Thermoluminescence properties of Dy3+-doped CaOâ€“Al2O3â€“B2O3 glasses for neutron detection. Nuclear Instruments & Methods in Physics Research B, 2020, 468, 18-22.	0.6	11
146	TSL and OSL properties of Eu-doped LiMgAlF6. Radiation Measurements, 2020, 132, 106250.	0.7	6
147	Radio-photoluminescence properties of LiCaAlF6:Sm. Radiation Measurements, 2020, 132, 106251.	0.7	6
148	Ce-concentration dependence in CaYAl3O7 single crystalline scintillators. Optical Materials, 2020, 102, 109810.	1.7	13
149	Photoluminescence and scintillation of TlBr crystals at low temperatures. Japanese Journal of Applied Physics, 2020, 59, SCCB19.	0.8	4
150	Luminescence characteristics of Cs₂BaCl₄. Japanese Journal of Applied Physics, 2020, 59, 032003.	0.8	11
151	Scintillation and dosimetric properties of Sn-doped ZnO-P2O5-SiO2 glasses. Japanese Journal of Applied Physics, 2020, 59, SCCB21.	0.8	2
152	Luminescence and scintillation properties of Cs₂ZnCl₄ and Cs₃ZnCl₅. Japanese Journal of Applied Physics, 2020, 59, 072002.	0.8	12
153	Dosimetric properties of Sn-doped SiO2 glasses synthesized by the spark plasma sintering method. Radiation Measurements, 2020, 134, 106297.	0.7	13
154	Scintillation properties of BaSiO3:Ce crystals by the ï¬‚oating zone method. Materials Research Bulletin, 2020, 131, 110961.	2.7	7
155	TlSr2Cl5: New intrinsically activated crystalline scintillator. Radiation Measurements, 2020, 134, 106328.	0.7	2
156	Photoluminescence and scintillation properties of undoped and Tl-doped Cs2BaBr4 crystals. Radiation Measurements, 2020, 132, 106260.	0.7	12
157	Optically-stimulated luminescence properties of Eu-doped Cs(Cl, Br) translucent ceramics. Optical Materials, 2020, 100, 109660.	1.7	5
158	Undoped CaSO4 showing highly enhanced radio-photoluminescence properties. Materials Today Communications, 2020, 24, 101013.	0.9	11
159	Optical, scintillation, and dosimetric properties of dy-doped MgAl2O4 transparent ceramics. Optik, 2020, 207, 164433.	1.4	28
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