Noriaki Kawaguchi

List of Publications by Year
in descending order

433	5,771	182225	214428
papers	citations	30 h-index	50 g-index

438	438	438	1913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of scintillation properties of organicâ€“inorganic perovskite compoundsâ€”(C₆H₅C₂H₄NH₃)₂Pb_{1â7x}Ni_xBr₄. Japanese Journal of Applied Physics, 2022, 61, SB1041.	0.8	
2	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
3	Ce concentration dependence of optical and scintillation properties on Ce-doped La₂Si₂O₇ crystal. Japanese Journal of Applied Physics, 2022, 61, SB1038.	0.8	5
4	Application of gold nanomaterials for ionizing radiation detection. Japanese Journal of Applied Physics, 2022, 61, SB1015.	0.8	2
5	Characterization of Nd: LaVO₄ single-crystal scintillator emitting near-infrared photons. Japanese Journal of Applied Physics, 2022, 61, SB1025.	0.8	6
6	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
7	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
8	Detection of ionizing radiation using Ag-doped ZnS nanoparticles. Journal of Materials Science: Materials in Electronics, 2022, 33, 2450-2460.	1.1	10
9	Investigation of Er:Bi4Ge3O12 single crystals emitting near-infrared luminescence for scintillation detectors. Journal of Alloys and Compounds, 2022, 903, 163834.	2.8	18
10	Photoluminescence and Scintillation Properties of Ce-, Pr-, and Tb-doped (Gd,Lu)2Hf2O7 Crystals. Sensors and Materials, 2022, 34, 611.	0.3	5
11	Scintillation Properties of an Organicâ€“Inorganic Lead Iodide Perovskite Single Crystal Having Quantum Well Structures. Sensors and Materials, 2022, 34, 575.	0.3	13
12	Optical and Scintillation Properties of Eu-doped CsBrâ€“BaBr2â€“ZnBr2 Glasses. Sensors and Materials, 2022, 34, 691.	0.3	4
13	Growth, Optical, and Scintillation Properties of (Gd0.4Lu0.6)8Sr2(SiO4)6O2 Crystals. Sensors and Materials, 2022, 34, 595.	0.3	7
14	Comparative Study of Optical and Scintillation Properties of Tm-doped La2Si2O7 and Lu2Si2O7 Single Crystals. Sensors and Materials, 2022, 34, 603.	0.3	9
15	Effect of Cu Doping on Photoluminescence and Scintillation Properties of (C6H5C2H4NH3)2PbBr4. Sensors and Materials, 2022, 34, 585.	0.3	6
16	Characterization of Ce-doped Li2Oâ€“ZnOâ€“P2O5 Glasses for Thermal Neutron Detection. Sensors and Materials, 2022, 34, 725.	0.3	2
17	Scintillation and Thermally Stimulated Luminescence Properties of Sn-doped CaOâ€“B2O3â€“SiO2 Glasses. Sensors and Materials, 2022, 34, 717.	0.3	2
18	Radio-photoluminescence Properties of Heavy-element-based Alkaline Phosphate Glasses and Their Application to X-ray Imaging. Sensors and Materials, 2022, 34, 745.	0.3	7

#	Article	IF	Citations
19	Optical and Optically Stimulated Luminescence Properties of Ce-doped CsClâ€“CaCl2â€“ZnCl2 Glasses. Sensors and Materials, 2022, 34, 685.	0.3	4
20	Characterization of Tm Concentration Dependence of Dosimetric Properties of NaMgF3. Sensors and Materials, 2022, 34, 645.	0.3	3
21	TSL and OSL Properties of Cu-doped CaF2 Ceramics Prepared by Spark Plasma Sintering. Sensors and Materials, 2022, 34, 653.	0.3	3
22	Scintillation Properties of Li-doped ZnO Translucent Ceramic. Sensors and Materials, 2022, 34, 661.	0.3	9
23	Scintillation Properties of Nd-doped LuVO4 Single Crystals. Sensors and Materials, 2022, 34, 619.	0.3	6
24	Scintillation Properties of Pr-Doped Lanthanum Pyrosilicate Single Crystals. Crystals, 2022, 12, 459.	1.0	5
25	Thermally stimulated luminescence properties of magnesium orthosilicate single crystals doped with Dy³⁺Âions. Japanese Journal of Applied Physics, 2022, 61, 062006.	0.8	7
26	Properties of Sm-Doped SrCl2 Crystalline Scintillators. Crystals, 2022, 12, 517.	1.0	8
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

#	Article	IF	Citations
37	Optical and thermally-stimulated luminescence properties of Ce-doped Al2O3 transparent ceramics. Optik, 2022, 264, 169435.	1.4	3
38	Luminescence and scintillation properties of Ce-doped calcium hafnate perovskite single crystals. Journal of Luminescence, 2022, 250, 119088.	1.5	4
39	Thermally-stimulated luminescence and optical properties of Eu-doped MgAl2O4 transparent ceramics. Journal of Luminescence, 2022, 251, 119136.	1.5	7
40	Optical and scintillation properties of Ce-doped 20CsCl-20BaCl2-60ZnCl2 glasses. Optik, 2021, 226, 165825.	1.4	9
41	Effects of dopant concentration in Eu-doped Ca2MgSi2O7 single crystalline scintillators. Materials Research Bulletin, 2021, 135, 111155.	2.7	10
42	Ag-doped phosphate glass with high weathering resistance for RPL dosimeter. Radiation Measurements, 2021, 140, 106492.	0.7	14
43	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
44	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
45	Photoluminescence, scintillation, and dosimetric properties of Ce-codoped MgF2:Tb ceramics. Journal of Luminescence, 2021, 231, 117803.	1.5	1
46	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
47	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
48	Thermally stimulated luminescence properties of Dy-doped MgAl2O4 single crystals. Optik, 2021, 231, 166498.	1.4	7
49	Scintillation properties of (C6H5C2H4NH3)2Pb1-Sn Br4 crystals having two-dimensional quantum-well structures. Optical Materials, 2021, 114, 111002.	1.7	13
50	Optical and scintillation properties of Nd-doped Lu2Si2O7 single crystals. Journal of Alloys and Compounds, 2021, 860, 158538.	2.8	10
51	Radiation-induced luminescence of Ce-doped SrOâ€“B2O3 glasses. Optical Materials, 2021, 115, 111061.	1.7	6
52	Characterization of high dense Pr:GdTaO4 crystal scintillators. Radiation Physics and Chemistry, 2021, 182, 109390.	1.4	12
53	Investigation of SrSiO₃:Ce crystals for scintillator application. Japanese Journal of Applied Physics, 2021, 60, 062005.	0.8	4
54	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

#	Article	IF	Citations
55	Scintillation Properties of Non-doped and Pr-doped BaOâ€“B2O3â€“SiO2 Glasses and Glass-ceramics. Sensors and Materials, 2021, 33, 2215.	0.3	6
56	Optical, TSL, and OSL Properties of Copper-doped Cesium Bromide Transparent Ceramics Prepared by SPS. Sensors and Materials, 2021, 33, 2187.	0.3	3
57	VUV- and X-ray-induced Properties of Lu2Si2O7, Y2Si2O7, and Gd2Si2O7 Single Crystals. Sensors and Materials, 2021, 33, 2195.	0.3	9
58	Photoluminescence and Scintillation Properties of Tb:GdTaO4 Crystals. Sensors and Materials, 2021, 33, 2203.	0.3	10
59	Luminescence Properties of Eu:KCaPO4 Ceramics That Generate New Luminescent Centers upon X-ray Irradiation. Sensors and Materials, 2021, 33, 2171.	0.3	8
60	Relationship between Physical Properties and Preparation Atmosphere of Manganese-doped ZnOâ€“P2O5 Glasses. Sensors and Materials, 2021, 33, 2155.	0.3	1
61	Optical and Scintillation Properties of Nd-doped Strontium Yttrate Single Crystals. Sensors and Materials, 2021, 33, 2235.	0.3	15
62	X-ray-induced Luminescence Properties of Nd-doped GdVO4. Sensors and Materials, 2021, 33, 2243.	0.3	13
63	Scintillation Properties of Dy-doped 50NaPO3â€“50Al(PO3)3 Glasses. Sensors and Materials, 2021, 33, 2179.	0.3	5
64	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
65	Scintillation properties of Ce-doped LiAlO₂ for neutron detection. Journal of the Ceramic Society of Japan, 2021, 129, 397-401.	0.5	5
66	Remote control of neural function by X-ray-induced scintillation. Nature Communications, 2021, 12, 4478.	5.8	50
67	Photoluminescence and scintillation properties of Ce-doped SrY2O4 single crystals. Optik, 2021, 238, 166789.	1.4	6
68	Photoluminescence and scintillation properties GaN. Applied Physics Express, 2021, 14, 082006.	1.1	4
69	Dosimetric properties of Tb-doped LiF/CaF₂ eutectic composite. Journal of the Ceramic Society of Japan, 2021, 129, 402-405.	0.5	4
70	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
71	Radio-photoluminescence properties of silver-doped cesium chloride transparent ceramics. Journal of Luminescence, 2021, 236, 118099.	1.5	5
72	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

#	Article	IF	Citations
73	Radiation-induced luminescence properties of Ceâ€“doped Mg2SiO4 single crystals. Journal of Materials Science: Materials in Electronics, 2021, 32, 25065-25073.	1.1	9
74	Scintillation light yield of Tb:Sr₂Gd₈(SiO₄)₆O₂. Japanese Journal of Applied Physics, 2021, 60, 106002.	0.8	18
75	Development of (C6H5C2H4NH3)2Pb1-Cd Br4 crystal scintillators with two-dimensional quantum-well structures. Journal of Luminescence, 2021, 237, 118157.	1.5	16
76	Photostimulated luminescence in Tl-doped NH₄Br translucent ceramics synthesized by SPS. Japanese Journal of Applied Physics, 2021, 60, 122009.	0.8	2
77	X-ray induced luminescent 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
78	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
79	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
80	Development of scintillating 2D quantum confinement materials â€”Â(C6H5C2H4NH3)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:math 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
81	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
82	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
83	Optical and scintillation properties of Pr-doped Y2Si2O7 single crystal. Japanese Journal of Applied Physics, 2020, 59, SCCB17.	0.8	11
84	Scintillation properties of xCe:30Rb2O-30BaO-10Al2O3-30P2O5 glasses. Japanese Journal of Applied Physics, 2020, 59, SCCB16.	0.8	4
85	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
86	Synthesis and scintillation properties of Ce-doped CaZrO3single crystals. Japanese Journal of Applied Physics, 2020, 59, SCCB15.	0.8	11
87	Scintillation detector properties of CsLiB6O10 (CLBO) crystal. Applied Physics Express, 2020, 13, 016001.	1.1	12
88	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
89	Characterizations of Pr:Ca2Al2SiO7 single crystal scintillator for Î±-ray detection. Optical Materials, 2020, 100, 109565.	1.7	13
90	Evaluation of dosimetric properties of Tb-doped MgF2 transparent ceramics. Optik, 2020, 203, 163965.	1.4	11

#	Article	IF	Citations
91	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
92	Tm concentration dependence of scintillation characteristics on Tm-doped Lu2Si2O7 single crystal. Journal of Alloys and Compounds, 2020, 847, 156542.	2.8	8
93	Scintillation and luminescence properties of undoped and europium-doped CaZrO3 crystals. Journal of Luminescence, 2020, 223, 117231.	1.5	13
94	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
95	Effect of Ti-doping on dosimetric properties of MgAl2O4 single crystals. Radiation Physics and Chemistry, 2020, 177, 109163.	1.4	11
96	Scintillation properties of GdAlO3 crystals doped with different concentrations of tm. Journal of Luminescence, 2020, 228, 117610.	1.5	8
97	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
98	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
99	Radiation response properties of Dy-doped B2O3â€“Al2O3â€“SrO glasses. Optik, 2020, 224, 165613.	1.4	7
100	Oxidation suppression of Cu in alkaline aluminophosphate glass and the effects for radiation-induced luminescence characteristics. Scientific Reports, 2020, 10, 21403.	1.6	6
101	Development of Eu-doped Sr2MgSi2O7 single crystalline scintillators. Optical Materials, 2020, 109, 110270.	1.7	7
102	Photoluminescence and scintillation properties of Ce-doped SrLu2O4 single crystals. Solid State Sciences, 2020, 110, 106471.	1.5	8
103	Radio-photoluminescence properties of CaF2 transparent and opaque ceramics. Current Applied Physics, 2020, 20, 1195-1200.	1.1	15
104	Dosimetric properties of undoped and Tb-doped MgAl2O4 transparent ceramics. Radiation Measurements, 2020, 135, 106341.	0.7	14
105	Thermally stimulated luminescence properties of Tm-doped MgAl2O4 transparent ceramics. Optical Materials, 2020, 106, 110028.	1.7	16
106	Dosimetric properties of Tb-doped MgAl₂O₄ single crystals. Japanese Journal of Applied Physics, 2020, 59, 052007.	0.8	18
107	Scintillation and dosimetric properties of Ce-doped MgAl2O4 single crystals. Journal of Luminescence, 2020, 223, 117139.	1.5	27
108	TSL and OSL properties of SPS-derived CsBr transparent ceramics doped with various concentrations of Eu. Radiation Measurements, 2020, 135, 106367.	0.7	6

#	Article	IF	Citations
109	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
110	Photoluminescence and scintillation properties of Ce-doped barium silicate glasses synthesized by the FZ method. Optical Materials, 2020, 105, 109895.	1.7	11
111	Crystal growth and scintillation properties of Eu:BaAl2O4 crystals. Radiation Measurements, 2020, 135, 106365.	0.7	6
112	Scintillation properties of Nd-doped MSiO3 (M = Ca, Sr, Ba) single crystals. Radiation Measurements, 2020, 133, 106298.	0.7	13
113	Thermally stimulated luminescence of tin-doped borate glasses. Radiation Measurements, 2020, 135, 106344.	0.7	2
114	Evaluation of dosimetric properties of Li-codoped MgF2:Tb ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 12427-12433.	1.1	3
115	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
116	TSL and OSL properties of Eu-doped LiMgAlF6. Radiation Measurements, 2020, 132, 106250.	0.7	6
117	Radio-photoluminescence properties of LiCaAlF6:Sm. Radiation Measurements, 2020, 132, 106251.	0.7	6
118	Ce-concentration dependence in CaYAl3O7 single crystalline scintillators. Optical Materials, 2020, 102, 109810.	1.7	13
119	Scintillation and dosimetric properties of Sn-doped ZnO-P2O5-SiO2 glasses. Japanese Journal of Applied Physics, 2020, 59, SCCB21.	0.8	2
120	Dosimetric properties of Sn-doped SiO2 glasses synthesized by the spark plasma sintering method. Radiation Measurements, 2020, 134, 106297.	0.7	13
121	Scintillation properties of BaSiO3:Ce crystals by the ï¬‚oating zone method. Materials Research Bulletin, 2020, 131, 110961.	2.7	7
122	Photoluminescence and scintillation properties of undoped and Tl-doped Cs2BaBr4 crystals. Radiation Measurements, 2020, 132, 106260.	0.7	12
123	Optically-stimulated luminescence properties of Eu-doped Cs(Cl, Br) translucent ceramics. Optical Materials, 2020, 100, 109660.	1.7	5
124	Optical, scintillation, and dosimetric properties of dy-doped MgAl2O4 transparent ceramics. Optik, 2020, 207, 164433.	1.4	28
125	Photosynergetic amplification of radiation input: from efficient UV induced cycloreversion to sensitive X-ray detection. Chemical Science, 2020, 11, 2504-2510.	3.7	11
126	Dosimetric properties of non-doped LiF/CaF2 eutectic. Radiation Measurements, 2020, 132, 106254.	0.7	4

#	Article	IF	Citations
127	Scintillation properties of Pr-doped Lu2Si2O7 single crystal. Radiation Measurements, 2020, 134, 106320.	0.7	13
128	Scintillation and thermally-stimulated luminescence properties of Tm-doped CaHfO3 crystals. Radiation Measurements, 2020, 133, 106280.	0.7	13
129	Radio-photoluminescence phenomenon in non-doped CaF2 ceramic. Materials Letters, 2020, 270, 127688.	1.3	14
130	Comparative Studies of Scintillation Properties of Tl-based Crystals. Sensors and Materials, 2020, 32, 1351.	0.3	17
131	Evaluation of Optically Stimulated Luminescence Properties of Tm-doped NaMgF3 Single Crystal. Sensors and Materials, 2020, 32, 1405.	0.3	12
132	Scintillation Characteristics of Pr-doped Gd2Si2O7 Single Crystal. Sensors and Materials, 2020, 32, 1357.	0.3	18
133	X-ray-Induced Scintillation via Energy Transfer of Gd3+ and Ce3+ in Silicate Glasses Composed of Heavy Elements. Sensors and Materials, 2020, 32, 1365.	0.3	12
134	Optical and Scintillation Properties of YAlO3 Doped with Rare-Earths Emitting Near-infrared Photons. Sensors and Materials, 2020, 32, 1373.	0.3	13
135	Radiation-induced Luminescence Properties of SrBr2 Transparent Ceramics Doped with Different Eu Concentrations. Sensors and Materials, 2020, 32, 1381.	0.3	12
136	Scintillation Properties of Ti- and Zr-doped Gd2Hf2O7 Crystals. Sensors and Materials, 2020, 32, 1389.	0.3	8
137	Photoluminescence and scintillation characteristics of Ce-doped CaLaAl₃O₇ crystalline scintillators for detecting alpha particles. Japanese Journal of Applied Physics, 2020, 59, 092004.	0.8	5
138	Photoluminescence and scintillation properties of Ce-doped CaBr2 crystals. Japanese Journal of Applied Physics, 2020, 59, 102002.	0.8	7
139	Characterization of Eu-doped Ba₂SiO₄, a high light yield scintillator. Applied Physics Express, 2020, 13, 122001.	1.1	32
140	Scintillation Properties. Springer Series in Materials Science, 2020, , 549-559.	0.4	0
141	Optical and X-ray-induced Luminescence Properties of Calcium Phosphate of Transparent Ceramic Form. Sensors and Materials, 2020, 32, 1411.	0.3	5
142	Scintillation and Dosimetric Properties of Monocrystalline and Polycrystalline Li2B4O7. Sensors and Materials, 2020, 32, 1419.	0.3	2
143	Photoluminescence and scintillation characteristics of Î²-BaB2O4 single crystal. Japanese Journal of Applied Physics, 2020, 59, 102004.	0.8	2
144	Evaluation of quantum yields and thermally stimulated luminescence glow curves of Ag-doped phosphate glasses. Japanese Journal of Applied Physics, 2020, 59, 112001.	0.8	7

#	Article	IF	Citations
145	Photoluminescence and scintillation properties of Ce-substituted Pr₂Si₂O₇ crystal scintillators. Japanese Journal of Applied Physics, 2020, 59, 112005.	0.8	3
146	Tl-concentration dependence of scintillation properties in Tl-doped CsBr single crystals. Japanese Journal of Applied Physics, 2020, 59, 122005.	0.8	4
147	Scintillation and Dosimetric Properties of Tl-doped Cs(Cl, Br) Transparent Ceramics. , 2020, , .		0
148	Luminescent and scintillation properties of Eu-doped (Ba,Sr)Al2O4 crystals. Optical Materials, 2019, 87, 58-62.	1.7	9
149	Radio-photoluminescence observed in Eu-doped BABF glass-ceramics. Ceramics International, 2019, 45, 9376-9380.	2.3	19
150	Storage-luminescence centres of Ce-doped MgO-CaO-SiO2 ceramics. Optical Materials, 2019, 87, 84-89.	1.7	8
151	Evaluation of optical and radio-photoluminescence properties in Ag-doped 30KPO₃â€“70Al(PO₃)₃ glasses. Journal of the Ceramic Society of Japan, 2019, 127, 455-461.	0.5	12
152	Characterization of Ce-doped RE3Al5O12 (RE=Tb, Dy, Ho, Er, Tm and Yb) single crystalline scintillators. Journal of Materials Science: Materials in Electronics, 2019, 30, 14085-14090.	1.1	3
153	Photoluminescence and scintillation properties of Ceâ€“doped Ca(Gd,Y)Al3O7 single crystals. Optical Materials, 2019, 98, 109497.	1.7	16
154	Radon detection using alpha scintillation KACST cell. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 922, 84-90.	0.7	9
155	Scintillation properties of Ce- and Eu-doped Ca2MgSi2O7 crystals. Optical Materials, 2019, 89, 63-67.	1.7	11
156	Scintillator and dosimeter properties of Ce3+ doped CaF2AlF3AlPO4 glasses. Optical Materials, 2019, 94, 86-91.	1.7	15
157	Comparative study of radiation-induced luminescence properties in Eu:SrAl2O4 translucent ceramic and single crystal. Radiation Measurements, 2019, 126, 106127.	0.7	10
158	Optically-stimulated luminescence properties of BaBr2:Eu translucent ceramic and single crystal. Journal of Materials Science: Materials in Electronics, 2019, 30, 16755-16760.	1.1	3
159	Scintillation properties of Ti- and Zr-doped lanthanum hafnate single crystals. Optical Materials, 2019, 90, 227-230.	1.7	10
160	Photoluminescence and scintillation properties of Ti-doped CaHfO₃ crystals. Japanese Journal of Applied Physics, 2019, 58, 052005.	0.8	17
161	X-ray induced luminescence properties of Ce-doped BaF2-Al2O3-B2O3 glasses. Optical Materials, 2019, 90, 64-69.	1.7	18
162	Optical and scintillation properties of Nd-doped YAlO3 crystals. Optical Materials, 2019, 90, 14-19.	1.7	8

#	Article	IF	Citations
163	Photoluminescence, scintillation and TSL properties of Tb-doped strontium aluminoborate glasses. Radiation Measurements, 2019, 124, 69-73.	0.7	16
164	Photo-, radio- and thermo- luminescence properties of Eu-doped BaSi2O5 glass-ceramics. Optik, 2019, 185, 812-818.	1.4	9
165	Radiation induced luminescence properties of Eu-doped SiO2 glass synthesized by spark plasma sintering. Optical Materials, 2019, 90, 187-193.	1.7	25
166	Dosimetric, luminescence and scintillation properties of Ce-doped CaF2-Al2O3-B2O3 glasses. Journal of Non-Crystalline Solids, 2019, 509, 60-64.	1.5	14
167	Neutron and gamma-ray pulse shape discrimination of LiAlO2 and LiGaO2 crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 919, 64-67.	0.7	9
168	Temperature-dependent luminescence of Ce-doped SrO-B2O3 glasses. Journal of Luminescence, 2019, 207, 316-320.	1.5	9
169	Thermoluminescence characteristics of Nd-doped LiCaAlF6 single crystal. Journal of Luminescence, 2019, 206, 634-638.	1.5	7
170	Scintillation properties of Ce-doped SrF2-Al2O3-B2O3 glasses. Journal of Non-Crystalline Solids, 2019, 508, 46-50.	1.5	30
171	Optical and luminescent properties of Pr-doped Li2O MgO Al2O3SiO2 glasses. Optical Materials, 2019, 88, 1-6.	1.7	7
172	Scintillation properties of Ce-doped Yb3Al5O12 single crystals. Optik, 2019, 182, 884-889.	1.4	8
173	Radiation induced luminescence properties of Ce-doped Y2O3-Al2O3-SiO2 glass prepared using floating zone furnace. Journal of Alloys and Compounds, 2019, 782, 859-864.	2.8	17
174	Photoluminescence, scintillation and TSL properties of Eu-doped Al2O3 transparent ceramics synthesized by spark plasma sintering method. Optical Materials, 2019, 88, 67-73.	1.7	22
175	Ionizing-radiation-induced storage-luminescence for dosimetric applications. Journal of Luminescence, 2019, 207, 14-21.	1.5	105
176	Dosimetric, optical and radio-luminescence properties of Ce-doped 90KPO3-10Al2O3 glasses. Journal of Materials Science: Materials in Electronics, 2019, 30, 2464-2469.	1.1	6
177	Thermally stimulated luminescence properties of Eu-doped AlN ceramic. Optik, 2019, 181, 50-56.	1.4	10
178	Scintillation and photoluminescence properties of Sr2CeO4 ceramics. Optical Materials, 2019, 87, 139-144.	1.7	14
179	Relationship between defect formation by X-ray irradiation and thermally stimulated luminescence of binary zinc phosphate glasses. Optical Materials Express, 2019, 9, 2037.	1.6	9
180	Scintillation Properties of Sn-doped Yttrium Aluminum Garnet (YAG). Sensors and Materials, 2019, 31, 1225.	0.3	6

#	Article	IF	Citations
181	Luminescence and Scintillation Properties of Eu-doped CaAl2O4 Bulk Crystals. Sensors and Materials, 2019, 31, 1249.	0.3	13
182	Scintillation and Dosimetric Properties of Sn-doped ZnO-SiO2-B2O3 Glasses. Sensors and Materials, 2019, 31, 1257.	0.3	5
183	Vacuum-UV-excited Photoluminescence and Scintillation Properties of CsCl Transparent Ceramics and Single Crystal. Sensors and Materials, 2019, 31, 1265.	0.3	10
184	Photoluminescence and Scintillation Properties of Ce-doped SrHfO3. Sensors and Materials, 2019, 31, 1273.	0.3	16
185	Dopant Concentration Dependence of Luminescence in Cu-doped Lithium Aluminophosphate Glasses. Sensors and Materials, 2019, 31, 1281.	0.3	6
186	Scintillation and photoluminescence properties of Prdoped CaHfO3 crystals. Journal of Ceramic Processing Research, 2019, 20, 211-215.	0.4	9
187	Relationship between Valence States of Copper in Aluminophosphate Glasses and the Emission Properties. Sensors and Materials, 2019, 31, 1297.	0.3	1
188	Scintillation Properties of Yttrium-stabilized Zirconia Crystals Synthesized by the Floating-zone Method. Sensors and Materials, 2019, 31, 1289.	0.3	1
189	Scintillation properties of Pr-doped Li2O-GeO2 glasses. Journal of Ceramic Processing Research, 2019, 20, 455-459.	0.4	0
190	Dosimetric properties of Mg-doped Al2O3 transparent ceramics. Journal of Ceramic Processing Research, 2019, 20, 449-454.	0.4	2
191	Optical and scintillation properties of Tb-doped apatite single crystals. Journal of Ceramic Processing Research, 2019, 20, 577-581.	0.4	3
192	Tb3+-doped BaF2-Al2O3-B2O3 glass and glass-ceramic for radiation measurements. Journal of Non-Crystalline Solids, 2018, 501, 111-115.	1.5	17
193	Optical and scintillation properties of Tl-doped CsBr transparent ceramics produced by spark plasma sintering. Journal of Materials Science: Materials in Electronics, 2018, 29, 8498-8503.	1.1	16
194	Dosimetric and scintillation properties of Ce-doped Li3PO4-B2O3 glasses. Journal of Non-Crystalline Solids, 2018, 487, 1-6.	1.5	21
195	Characterization of Ce-doped lithium borosilicate glasses as tissue-equivalent phosphors for radiation measurements. Radiation Measurements, 2018, 111, 13-18.	0.7	12
196	Scintillation properties of SrF2 translucent ceramics and crystal. Optik, 2018, 168, 956-962.	1.4	16
197	Photoluminescence and scintillation properties of Ce-doped Sr2(Gd1-Lu)8(SiO4)6O2 (xâ€¯=â€¯0.1, 0.2, 0.4, 0.5,) Tj ETQq1 1 0.784314	1.7	3
198	Scintillation and optical properties of TiO2â€“ZnOâ€“Al2O3â€“B2O3 glasses and glass-ceramics. Japanese Journal of Applied Physics, 2018, 57, 046203.	0.8	5

#	Article	IF	Citations
199	Scintillation and optical properties of Sn-doped Ga2O3 single crystals. Journal of Physics and Chemistry of Solids, 2018, 117, 36-41.	1.9	34
200	Scintillation and dosimeter properties of Ca-doped MgO transparent ceramics. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 313-317.	0.6	10
201	Correlation between emission properties, valence states of Ce and chemical compositions of alkaline earth borate glasses. Journal of Luminescence, 2018, 197, 98-103.	1.5	12
202	Radiation-induced luminescence centres in Sm:MgF2 ceramics. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 268-272.	0.6	20
203	Characterizations of Pr-doped Yb3Al5O12 single crystals for scintillator applications. Solid State Sciences, 2018, 78, 1-6.	1.5	11
204	X-ray-induced Scintillation Governed by Energy Transfer Process in Glasses. Scientific Reports, 2018, 8, 623.	1.6	14
205	Radioluminescence and photoluminescence properties of Dy-doped 12CaO â‹™ 7Al2O3 single crystals synthesized by the floating zone method. Japanese Journal of Applied Physics, 2018, 57, 02CB12.	0.8	2
206	Scintillation properties of BaO-TiO2-GeO2-SiO2 glass-ceramics. Journal of Non-Crystalline Solids, 2018, 501, 116-120.	1.5	10
207	Scintillation and thermoluminescence properties of Ce-doped Ca2Al2SiO7 single crystals. Journal of Luminescence, 2018, 196, 270-274.	1.5	15
208	Scintillation and dosimetric properties of Ce-doped strontium aluminoborate glasses. Journal of Non-Crystalline Solids, 2018, 482, 154-159.	1.5	34
209	Dosimetric properties of Al2O3 transparent ceramics doped with C. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 296-301.	0.6	10
210	Radiation-induced luminescence properties of Tb-doped Li3PO4-B2O3 glasses. Optical Materials, 2018, 76, 28-33.	1.7	16
211	Non-doped Li2CO3 ceramics as a new radio-photoluminescence material. Materials Letters, 2018, 221, 51-53.	1.3	10
212	Scintillation properties of YAlO3 doped with Lu and Nd perovskite single crystals. Optical Materials, 2018, 79, 428-434.	1.7	18
213	Comparative study of radiation-induced luminescence between non-doped CsBr transparent ceramic and crystal. Journal of the Ceramic Society of Japan, 2018, 126, 184-189.	0.5	16
214	Scintillation and dosimeter properties of 6LiF/CaF2:Eu eutectic composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 8964-8969.	1.1	9
215	Comparative study of scintillation properties of Ga2O3 single crystals and ceramics. Journal of Luminescence, 2018, 200, 81-86.	1.5	20
216	Optical properties of Sc-doped Al2O3translucent ceramics for radiation measurements. Japanese Journal of Applied Physics, 2018, 57, 02CB10.	0.8	1

#	Article	IF	Citations
217	Photoluminescence and scintillation properties of Eu-doped strontium aluminate crystals. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 273-277.	0.6	6
218	PL and TSL properties of tin-doped zinc sodium phosphate glasses. Radiation Measurements, 2018, 112, 16-20.	0.7	4
219	Eu-doped Ca₂SiO₄ as a New Radio-photoluminescence Phosphor. Chemistry Letters, 2018, 47, 59-61.	0.7	27
220	Scintillation, dosimeter and optical properties of MgF2 transparent ceramics doped with Gd3+. Materials Research Bulletin, 2018, 98, 83-88.	2.7	29
221	Radio-photoluminescence in non-doped K2CO3 ceramics. Materials Letters, 2018, 211, 100-102.	1.3	17
222	Photoluminescence, scintillation and TSL properties of Ce-doped Sr(PO3)2 glasses. Journal of Materials Science: Materials in Electronics, 2018, 29, 1985-1991.	1.1	6
223	Photoluminescence and X-ray-induced scintillation of BaO-TiO2-SiO2 glasses and the glass-ceramics. Journal of Non-Crystalline Solids, 2018, 501, 131-135.	1.5	9
224	Comparative study of dosimeter properties of Eu-doped CsBr transparent ceramic and single crystal. Optik, 2018, 157, 421-428.	1.4	21
225	Effects of Ga substitution in Ce:Tb₃Ga_xAl_{5â^'}_xO₁₂single crystals for scintillator applications. Japanese Journal of Applied Physics, 2018, 57, 02CB02.	0.8	16
226	Luminescence properties of organicâ€“inorganic layered perovskite-type compounds under vacuum ultraviolet irradiation. Japanese Journal of Applied Physics, 2018, 57, 02CA03.	0.8	8
227	Scintillation and thermoluminescence properties of transparent glass-ceramics containing Sr0.5Ba0.5Nb2O6 nanocrystallites. Journal of Non-Crystalline Solids, 2018, 501, 126-130.	1.5	4
228	Luminescence of Ce 3+ in aluminophosphate glasses prepared in air. Journal of Luminescence, 2018, 195, 413-419.	1.5	21
229	Optical and radioluminescence properties of Ce-doped Sr2RE8(SiO4)6O2 (RE= Y, Gd, Lu). Optik, 2018, 155, 36-42.	1.4	3
230	Radioluminescence and thermally-stimulated luminescence properties of Pr:CaSiO3 crystals. Physica B: Condensed Matter, 2018, 530, 38-42.	1.3	12
231	Optical and scintillation properties of 30BaOâ€“(70-x)TiO2â€“xGeO2 (x= 50, 55, 60) glass-ceramics. Journal of Non-Crystalline Solids, 2018, 501, 106-110.	1.5	7
232	Optical, scintillation and radiation tolerance properties of Pr-doped pyrosilicate crystals. Japanese Journal of Applied Physics, 2018, 57, 106401.	0.8	10
233	Optical properties of Sn-doped zinc aluminophosphate glasses: sensitive thermally stimulated luminescence for radiation detection. Journal of Commonwealth Law and Legal Education, 2018, 59, 228-233.	0.2	0
234	Scintillation and dosimetric properties of Tb-doped LiCaAlF₆single crystals. Japanese Journal of Applied Physics, 2018, 57, 02CB13.	0.8	10

#	Article	IF	Citations
235	Scintillation properties of Eu:BaFBr crystal. Physica B: Condensed Matter, 2018, 550, 21-25.	1.3	4
236	Synthesis and scintillation properties of Ce-doped CaHfO3 crystals. Journal of Materials Science: Materials in Electronics, 2018, 29, 21033-21039.	1.1	15
237	Scintillation properties of RE ₂Hf₂O₇ (RE = La, Gd,) Tj ETQq1 1 0.784314 rgBT /Ov 2018, 57, 100307.	0.8	51
238	Comparative study of scintillation and dosimetric properties between Tm-doped CaF2 translucent ceramic and single crystal. Japanese Journal of Applied Physics, 2018, 57, 102401.	0.8	14
239	Scintillation and dosimetric properties of Ce-doped 6LiF-CaF2 eutectic composites. Optical Materials, 2018, 82, 60-64.	1.7	8
240	Scintillation and VUV-excited photoluminescence of europium-doped BaF2â€“Al2O3â€“B2O3 glasses. Journal of Materials Science: Materials in Electronics, 2018, 29, 11824-11829.	1.1	14
241	Photoluminescence and scintillation properties of Ce-doped Sr2Al2SiO7 crystals. Journal of Luminescence, 2018, 202, 409-413.	1.5	15
242	Scintillation and TSL properties of Tb-doped NaPO3-Al(PO3)3 glasses. Radiation Measurements, 2018, 117, 52-56.	0.7	24
243	Characterizations of Ce-doped Y4Al2O9 Crystals for Scintillator Applications. Sensors and Materials, 2018, 30, 1547.	0.3	8
244	Dosimetric Properties of Thulium-doped Strontium Aluminoborate Glasses. Sensors and Materials, 2018, 30, 1539.	0.3	5
245	Scintillation Properties of (Lu,Y)AlO3 Doped with Nd. Sensors and Materials, 2018, 30, 1525.	0.3	12
246	Scintillation and Dosimetric Properties of Ce:CsCl Transparent Ceramics. Sensors and Materials, 2018, 30, 1555.	0.3	18
247	Scintillation Characteristics of Pr:CaF2 Crystals for Charged-particle Detection. Sensors and Materials, 2018, 30, 1585.	0.3	6
248	Optical and scintillation properties of Ce:(Gd8AE2)(SiO4)6O2 (AEÂ=ÂMg, Ca, Sr and Ba) crystals. Optical Materials, 2017, 64, 239-244.	1.7	7
249	Optically and thermally stimulated luminescence of Ce- and Eu-doped LiSrAlF6 crystals. Radiation Measurements, 2017, 106, 124-128.	0.7	5
250	Radio-photoluminescence observed in non-doped Mg2SiO4 single crystal. Current Applied Physics, 2017, 17, 422-426.	1.1	41
251	Scintillation properties of Eu and alkaline metal co-doped LiCaAlF6. Journal of Luminescence, 2017, 191, 22-27.	1.5	7
252	Ionizing radiation induced luminescence properties of Mn-doped LiCa(Al,Ga)F6. Journal of Materials Science: Materials in Electronics, 2017, 28, 6982-6988.	1.1	8

#	Article	IF	Citations
253	Scintillation, TSL and OSL properties of Ce-doped 30Zn3(PO4)2-70Al(PO3)3 glasses. Journal of Materials Science: Materials in Electronics, 2017, 28, 6064-6070.	1.1	12
254	Optical, scintillation and thermally stimulated luminescence properties of Ce-doped yttriumâ€“aluminumâ€“indium garnet. Japanese Journal of Applied Physics, 2017, 56, 012603.	0.8	5
255	Scintillation and optical properties of Ce 3+ -doped CaGdAl 3 O 7 single crystals. Journal of Luminescence, 2017, 186, 93-97.	1.5	24
256	Scintillation, TSL and RPL properties of MgF 2 transparent ceramic and single crystal. Ceramics International, 2017, 43, 7211-7215.	2.3	51
257	Characterizations of LiCaAlF6:Eu2+ ceramics as neutron scintillator: Primitive experimental studies and future prospective. Radiation Measurements, 2017, 106, 134-139.	0.7	9
258	Scintillation properties of Ce-doped Tb3Al5O12. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 866, 134-139.	0.7	15
259	LET dependence of TSL properties in Ce:LiCaAlF6 crystals. Nuclear Instruments & Methods in Physics Research B, 2017, 409, 23-26.	0.6	1
260	Scintillation properties of TGG and TSAG crystals for imaging applications. Physica B: Condensed Matter, 2017, 518, 51-55.	1.3	10
261	Ce-doped Ga2O3 single crystalline semiconductor showing scintillation features. Optik, 2017, 143, 150-157.	1.4	29
262	Scintillation and dosimeter properties of CaF2 transparent ceramics doped with Nd3+ produced by SPS. Journal of the European Ceramic Society, 2017, 37, 4919-4924.	2.8	30
263	Optical and radiation-induced luminescence properties of Ce-doped magnesium aluminoborate glasses. Optical Materials, 2017, 72, 190-194.	1.7	23
264	Comparative study of scintillation and optical properties of Ga2O3 doped with ns2 ions. Materials Research Bulletin, 2017, 90, 266-272.	2.7	24
265	Scintillation properties of Ce-doped (Gd 0.32 Y 0.68) 3 Al 5 O 12 transparent ceramics. Optical Materials, 2017, 66, 410-414.	1.7	10
266	Optical and scintillation properties of Pr-doped 12CaOÂ·7Al2O3 single crystals grown by the FZ method. Optik, 2017, 131, 957-963.	1.4	4
267	X-ray induced luminescence properties of (Y,Eu)AlO3 single crystals. Optical Materials, 2017, 64, 282-287.	1.7	5
268	Comparative study of dosimeter properties between Al2O3 transparent ceramic and single crystal. Radiation Measurements, 2017, 107, 43-47.	0.7	13
269	Photoluminescence, scintillation and thermally-stimulated luminescence properties of Tb-doped 12CaOÂ·7Al2O3 single crystals grown by FZ method. Journal of Rare Earths, 2017, 35, 957-963.	2.5	17
270	Optical and scintillation properties of ScAlMgO4 crystal grown by the floating zone method. Materials Research Bulletin, 2017, 95, 409-413.	2.7	6

#	Article	IF	Citations
271	Photoluminescence and radioluminescence in Pr-doped lanthanum aluminoborate glasses. Journal of Asian Ceramic Societies, 2017, 5, 385-390.	1.0	4
272	Photoluminescence and radioluminescence properties of (Gd8Ca2)(SiO4)6O2 crystals with different concentrations of Ce. Journal of Rare Earths, 2017, 35, 1071-1076.	2.5	4
273	Non-doped Na₂CO₃ Ceramics as a New Radio-photoluminescence (RPL) Material. Chemistry Letters, 2017, 46, 1383-1385.	0.7	17
274	Optical and scintillation properties of Ce-doped Sr2Gd8(SiO4)6O2 apatite single crystals. Journal of Materials Science: Materials in Electronics, 2017, 28, 18630-18636.	1.1	3
275	Emission properties of Ce-doped alkaline earth borate glasses for scintillator applications. Optical Materials, 2017, 73, 517-522.	1.7	25
276	Comparative Studies of Optical and Scintillation Properties between LiGaO2 and LiAlO2 Crystals. Journal of the Physical Society of Japan, 2017, 86, 094201.	0.7	21
277	Optical, scintillation and dosimeter properties of MgO:Tb translucent ceramics synthesized by the SPS method. Optical Materials, 2017, 73, 364-370.	1.7	24
278	Dosimeter properties of Ce-doped MgO transparent ceramics. Journal of Luminescence, 2017, 192, 316-320.	1.5	16
279	Analysis of excitation density effects on the scintillation properties of Ce:Gd2SiO5 (GSO) crystals. Nuclear Instruments & Methods in Physics Research B, 2017, 409, 27-30.	0.6	4
280	Scintillation and TSL properties of MgF2 transparent ceramics doped with Eu2+ synthesized by spark plasma sintering. Journal of Alloys and Compounds, 2017, 726, 67-73.	2.8	24
281	Scintillating Organicâ€“Inorganic Layered Perovskite-type Compounds and the Gamma-ray Detection Capabilities. Scientific Reports, 2017, 7, 14754.	1.6	112
282	Emission properties of Ce3+ centers in barium borate glasses prepared from different precursor materials. Optical Materials, 2017, 72, 52-57.	1.7	16
283	Scintillation and storage luminescence properties of MgF2 transparent ceramics doped with Ce3+. Optical Materials, 2017, 72, 470-475.	1.7	21
284	Scintillation properties of BaSiO3:Eu single crystals prepared by the floating zone method. Journal of Materials Science: Materials in Electronics, 2017, 28, 6972-6976.	1.1	15
285	Scintillation and dosimeter properties of CaF2 translucent ceramic produced by SPS. Journal of the European Ceramic Society, 2017, 37, 1707-1711.	2.8	44
286	Scintillation and dosimeter properties of CaF2 transparent ceramic doped with Eu2+. Ceramics International, 2017, 43, 604-609.	2.3	69
287	Luminescent and scintillation properties of Ce-doped Tb₃Al₅O₁₂crystal grown from Al-rich composition. Applied Physics Express, 2017, 10, 072601.	1.1	32
288	Optical and Scintillation Properties of Rare-Earth Ion-Doped 12CaOÂ·7Al2O3 Single Crystals. Sensors and Materials, 2017, , 1417.	0.3	1

#	Article	IF	Citations
289	Development of NIR-Emitting Scintillators Based on Rare-Earth-Doped Garnet Crystals â€“ Part 1. Sensors and Materials, 2017, , 1407.	0.3	1
290	Luminescence and Scintillation Properties of LiF:W Single Crystal for Thermal-Neutron Detection. Sensors and Materials, 2017, , 1431.	0.3	2
291	Scintillation properties of rare-earth doped NaPO3-Al(PO3)3 glasses. Optical Materials, 2016, 62, 561-568.	1.7	24
292	Comparative study of nondoped and Eu-doped SrI2 scintillator. Optical Materials, 2016, 61, 119-124.	1.7	27
293	Temperature-dependent evaluation of Nd:LiCAF optical properties as potential vacuum ultraviolet laser material. Optical Materials, 2016, 58, 5-8.	1.7	8
294	Local coordination state of rare earth in eutectic scintillators for neutron detector applications. Scientific Reports, 2015, 5, 13332.	1.6	17
295	Significant blue-shift in photoluminescence excitation spectra of Nd3+:LaF3 potential laser medium at low-temperature. Optical Materials, 2015, 47, 462-464.	1.7	10
296	PoGOLino: A scintillator-based balloon-borne neutron detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 770, 68-75.	0.7	38
297	Neutron TOF Experiments Using Transparent Rubber Sheet Type Neutron Detector with Dispersed Small Pieces of LiCaAlF6 Scintillator. Physics Procedia, 2014, 60, 349-355.	1.2	8
298	Study on fast luminescence component induced by gamma-rays in Ce doped LiCaAlF6 scintillators. Radiation Measurements, 2014, 71, 158-161.	0.7	5
299	Scintillation and optical stimulated luminescence of Ce-doped CaF2. Radiation Measurements, 2014, 71, 162-165.	0.7	76
300	Growth and optical properties of LiF/LaF3 eutectic crystals. Journal of the European Ceramic Society, 2014, 34, 2111-2115.	2.8	14
301	Crystal growth of LiF/LiYF4 eutectic crystals and their luminescent properties. Journal of the European Ceramic Society, 2014, 34, 2117-2121.	2.8	19
302	Temperature Dependence of Neutron-Gamma Discrimination Based on Pulse Shape Discrimination Technique in a ${m Ce:LiCaAlF}_{6}$ Scintillator. IEEE Transactions on Nuclear Science, 2013, 60, 959-962.	1.2	8
303	Crystal Growth and Scintillation Properties of Ce-Doped ${m K}_{2}{m NaLuF}_{6}$. IEEE Transactions on Nuclear Science, 2013, 60, 1024-1026.	1.2	1
304	Scintillation characteristics of LiCaAlF6-based single crystals under X-ray excitation. Applied Physics Letters, 2013, 102, .	1.5	15
305	Study of the correlation of scintillation decay and emission wavelength. Radiation Measurements, 2013, 55, 99-102.	0.7	130
306	Evaluation of Nd:BaY2F8 for VUV scintillator. Radiation Measurements, 2013, 55, 108-111.	0.7	7

#	Article	IF	Citations
307	Crystal growth and characterization of calcium metaborate scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 703, 7-10.	0.7	5
308	Evaluation of Ce3+ and alkali metal ions Co-doped LiSrAlF6 crystalline scintillators. Radiation Measurements, 2013, 56, 111-115.	0.7	2
309	Luminescence properties of Nd3+ doped LiLuF4 single crystals with different dopant concentrations. Optical Materials, 2013, 35, 1890-1892.	1.7	2
310	Scintillation properties of LiFâ€“SrF2 and LiFâ€“CaF2 eutectic. Journal of Luminescence, 2013, 144, 212-216.	1.5	62
311	Eu and Rb co-doped LiCaAlF6 scintillators for neutron detection. Radiation Measurements, 2013, 55, 132-135.	0.7	5
312	Ce-doped LiFâ€“SrF2 eutectic scintillators for thermal neutron detection produced at different solidification rates. Optical Materials, 2013, 35, 1449-1454.	1.7	22
313	Doping concentration dependence on VUV luminescence of Tm:CaF2. Optical Materials, 2013, 35, 1898-1901.	1.7	7
314	Neutron detection with LiCaAlF6 scintillator doped with 3d-transition metal ions. Radiation Measurements, 2013, 55, 128-131.	0.7	11
315	Micro-pulling down method-grown Er3+:LiCaAlF6 as prospective vacuum ultraviolet laser material. Journal of Crystal Growth, 2013, 362, 167-169.	0.7	23
316	The control of mean ionic radius at Y site by Lu co-doping for Ce:LiYF4 single crystals. Journal of Crystal Growth, 2013, 362, 243-246.	0.7	8
317	Origin of Fast Scintillation Components of LiCaAlF6Crystals. Applied Physics Express, 2013, 6, 062601.	1.1	32
318	Study of vacuum ultraviolet scintillation in rare earth doped Lutetium fluoride. , 2013, , .		0
319	Optical and scintillation properties of Pr³⁺ activated KY<inf>3</inf>F<inf>10</inf> with different dopant concentration. , 2013, , .		0
320	Thermally and optically stimulated luminescence of Ce and Eu doped LiCaAlF<inf>6</inf>. , 2013, , .		0
321	Inorganic scintillation detector development for J-PARC spallation neutron source. , 2013, , .		0
322	Comparative study of scintillation properties of BaF<inf>2</inf> and BaMgF<inf>4</inf> scintillators using streak camera system equipped with pulsed X-ray source. , 2013, , .		0
323	Basic study of complementary relation of dosimeter and scintillation properties of Ce-doped CaF<inf>2</inf>. , 2013, , .		0
324	Scintillation properties of Eu-doped LiF-CaF<inf>2</inf> eutectic for neutron detectors with different Eu concentration. , 2013, , .		0

#	Article	IF	Citations
325	A balloon-borne measurement of high latitude atmospheric neutrons using a licaf neutron detector. , 2013, , .		0
326	Dosimeter properties of AlN. Journal of the Ceramic Society of Japan, 2013, 121, 988-991.	0.5	168
327	Nd³⁺ Doped LiCaAlF₆ Single Crystal for Scintillator Application. Key Engineering Materials, 2012, 508, 224-229.	0.4	9
328	Neutron responses with different sized Eu doped LiCaAlF<inf>6</inf> crystals. , 2012, , .		0
329	VUV Luminescence With Nd Doped KCaF$_{3}$ Under X-Ray Excitation. IEEE Transactions on Nuclear Science, 2012, 59, 2183-2187.	1.2	5
330	Lithium Aluminate Crystals as Scintillator for Thermal Neutron Detection. IEEE Transactions on Nuclear Science, 2012, 59, 2252-2255.	1.2	16
331	Study on Ce:LiCAF scintillator for³He alternative detector. Neutron News, 2012, 23, 31-34.	0.1	31
332	Filterless Ultraviolet Detector Based on Cerium Fluoride Thin Film Grown by Pulsed Laser Deposition. Japanese Journal of Applied Physics, 2012, 51, 062202.	0.8	11
333	Crystal Growth and Scintillation Properties of Ce³⁺ and Mg²⁺ Co-Doped LiCaAlF₆ Single Crystal. Key Engineering Materials, 2012, 508, 240-246.	0.4	1
334	Development of a new imaging device using a VUV scintillator and a gas photomultiplier with a Î¼-PIC and GEM. Journal of Instrumentation, 2012, 7, C03013-C03013.	0.5	3
335	Luminescence and scintillation properties of rareâ€earthâ€doped BaLu₂F₈ single crystals grown by the microâ€pullingâ€down method. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2243-2246.	0.8	4
336	Crystal growth and evaluation of scintillation properties of Eu and alkaliâ€metal coâ€doped LiSrAlF₆ single crystals for thermal neutron detector. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2235-2238.	0.8	1
337	Growth of Ce:LiYF₄ bulk single crystal with high Ce concentration by Cz method and the scintillation properties. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2279-2283.	0.8	1
338	Optical and Scintillation Properties of Eu-Doped Calcium Orthoborate. Key Engineering Materials, 2012, 508, 235-239.	0.4	3
339	Luminescence and Scintillation Properties of VUV Scintillation Crystals Based on Lu-Admixed BaY$_{2}$ F$_{8}$. IEEE Transactions on Nuclear Science, 2012, 59, 2177-2182.	1.2	4
340	Optical and scintillation properties of Ca3NbGa3Si2O14 single crystal grown by micro-pulling down method. Journal of Crystal Growth, 2012, 352, 129-132.	0.7	3
341	Crystal growth and dopant segregation of Ce:LiSrAlF6 and Eu:LiSrAlF6 crystals with high dopant concentrations. Journal of Crystal Growth, 2012, 352, 106-109.	0.7	11
342	Characterizations of Ce³⁺-Doped CaB₂O₄ Crystalline Scintillator. Crystal Growth and Design, 2012, 12, 142-146.	1.4	17

#	Article	IF	Citations
343	Crystal growth and scintillation properties of Ce-doped sodium calcium lutetium complex fluoride. Optical Materials, 2012, 34, 729-732.	1.7	7
344	Eu-doped 6LiFâ€“SrF2 eutectic scintillators for neutron detection. Optical Materials, 2012, 34, 868-871.	1.7	40
345	Light output uniformity of czochralski grown rare-earth-ion doped ⁶LiCaAlF₆ single crystal for thermal neutron detection. , 2011, , .		1
346	Europium and Sodium Codoped LiCaAlF$_{6}$ Scintillator for Neutron Detection. Applied Physics Express, 2011, 4, 106401.	1.1	50
347	Crystal Growth of Na-Co-Doped Ce:LiCaAlF₆ Single Crystals and Their Optical, Scintillation, and Physical Properties. Crystal Growth and Design, 2011, 11, 4775-4779.	1.4	50
348	Neutron-gamma discrimination in a Ce:LiCaAlF<inf>6</inf> scintillator based on pulse shape discrimination using digital signal processing. , 2011, , .		2
349	Optical and scintillation properties of Pr-doped Li-glass for neutron detection in inertial confinement fusion process. Journal of Non-Crystalline Solids, 2011, 357, 910-914.	1.5	16
350	Crystal growth and scintillation properties of Ce and Eu doped LiSrAlF6. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 368-372.	0.7	14
351	Development of Novel Inorganic Scintillator Materials. The Review of Laser Engineering, 2011, 39, 306-311.	0.0	0
352	Basic study of single crystal fibers of Pr:Lu3Al5O12 scintillator for gamma-ray imaging applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 256-259.	0.7	9
353	Scintillation properties of Ce-doped LuLiF4 and LuScBO3. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 251-255.	0.7	20
354	Thermal neutron imaging with rare-earth-ion-doped LiCaAlF6 scintillators and a sealed 252Cf source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 351-354.	0.7	30
355	Thermal neutron detection with Ce3+ doped LiCaAlF6 single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 319-322.	0.7	46
356	Scintillation and optical properties of Pb-doped YCa4O(BO3)3 crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 238-241.	0.7	8
357	Fabrication and characterization of large size 6LiF/CaF2:Eu eutectic composites with the ordered lamellar structure. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 209-211.	0.7	38
358	Neutronâ€“gamma discrimination based on pulse shape discrimination in a Ce:LiCaAlF6 scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 435-438.	0.7	61
359	Performance test of Si PIN photodiode line scanner for thermal neutron detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 399-402.	0.7	142
360	Scintillation properties of Nd3+, Tm3+, and Er3+ doped LuF3 scintillators in the vacuum ultra violet region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 258-261.	0.7	24

#	Article	IF	Citations
361	Scintillation characteristics of Tm3+ in Ca3(BO3)2 crystals. Radiation Measurements, 2011, 46, 1506-1508.	0.7	11
362	Ce and Eu-doped LiSrAlF6 scintillators for neutron detectors. Radiation Measurements, 2011, 46, 1708-1711.	0.7	30
363	Growth and characterization of strontium metaborate scintillators. Optical Materials, 2011, 34, 444-447.	1.7	10
364	Crystal growth and scintillation properties of (NaxCa1â^'2xLuxâ^'yNdy)F2 single crystals. Optical Materials, 2011, 34, 75-78.	1.7	0
365	Development of novel rare earth doped fluoride and oxide scintillators for two-dimensional imaging. Journal of Rare Earths, 2011, 29, 1178-1182.	2.5	5
366	Growth and characterization of Ce-doped Ca3(BO3)2 crystals for neutron scintillator. Journal of Crystal Growth, 2011, 318, 784-787.	0.7	21
367	Crystal growth and characterization of (NaxCa1â^'2xLux)F2 single crystals. Journal of Crystal Growth, 2011, 320, 63-68.	0.7	3
368	Optical and scintillation properties of Pr³⁺â€doped Ca₃(BO₃)₂ single crystals. Physica Status Solidi (B): Basic Research, 2011, 248, 444-447.	0.7	10
369	Scintillation properties of (Na_{0.425}Lu_{0.575â€x}Nd_x)F_{2.15} and its comparison with (Ca_{1â€x}Nd_x)F_{2+x} and NdF₃. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 136-139.	0.8	2
370	A new imaging device based on UV scintillators and a large area gas photomultiplier. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, S36-S39.	0.7	15
371	Time- and wavelength-resolved luminescence evaluation of several types of scintillators using streak camera system equipped with pulsed X-ray source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 634, 59-63.	0.7	22
372	Crystal growth and scintillation characteristics of the Nd3+ doped LiLuF4 single crystals. Optical Materials, 2011, 33, 924-927.	1.7	11
373	Crystal growth and thermal neutron scintillation response of Ce doped K6LiYF5. Optical Materials, 2011, 33, 877-881.	1.7	0
374	Basic study of Europium doped LiCaAlF6 scintillator and its capability for thermal neutron imaging application. Optical Materials, 2011, 33, 1243-1247.	1.7	113
375	Effect of Ce doping on scintillation characteristics of LiYF4 single crystals for Î³-ray detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 631, 68-72.	0.7	9
376	Crystal growth and scintillation properties of Nd:CaF2. Optical Materials, 2011, 33, 284-287.	1.7	17
377	Crystal growth and optical properties of the Nd3+ doped LuF3 single crystals. Optical Materials, 2011, 33, 1143-1146.	1.7	19
378	Growth and luminescence properties of Eu-doped (Na0.425â^'Lu0.575+)F2.15+2 single crystals. Journal of Crystal Growth, 2011, 318, 549-552.	0.7	1

#	Article	IF	Citations
379	Development of modified micro-pulling-down method for bromide and chloride single crystals. Journal of Crystal Growth, 2011, 318, 908-911.	0.7	24
380	Growth of Y2O3, Sc2O3 and Lu2O3 crystals by the micro-pulling-down method and their optical and scintillation characteristics. Journal of Crystal Growth, 2011, 318, 823-827.	0.7	30
381	Crystal growth, Nd distribution and luminescence properties of (Na0.425+xLu0.575â^'xâ^'yNdy)F2.15â^'2x single crystals. Journal of Crystal Growth, 2011, 318, 791-795.	0.7	3
382	Development of ZnO Based Charged Particle Monitor for Processing Facility. Japanese Journal of Applied Physics, 2011, 50, 01BG06.	0.8	4
383	Evaluation of NdF<inf>3</inf> thin films as a vacuum ultraviolet photoconductive detector. , 2011, , .		1
384	Vacuum ultraviolet field emission lamp based on a KMgF<inf>3</inf> thin film phosphor. , 2011, , .		3
385	⁶LiF-Sr<inf>x</inf>Ca<inf>1−x</inf>F<inf>2</inf> doped with Ce and Eu eutectic scintillator for neutron detection. , 2011, , .		0
386	Dopant segregation in Czochralski grown rare-earth-ion doped 6LiCaAlF6 single crystal for thermal neutron detection. , 2011, , .		1
387	Development of ZnO Based Charged Particle Monitor for Processing Facility. Japanese Journal of Applied Physics, 2011, 50, 01BG06.	0.8	2
388	Doubly doped BaY2F8:Er,Nd VUV scintillator. Radiation Measurements, 2010, 45, 265-267.	0.7	15
389	Study of VUV emission and Î³-ray responses of Nd:BaF2 scintillaotor. Radiation Measurements, 2010, 45, 422-425.	0.7	20
390	Crystal growth and scintillation properties of NdF3 single crystal. Optical Materials, 2010, 32, 878-881.	1.7	10
391	Growth and scintillation properties of BaMgF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 473-477.	0.7	11
392	Crystal growth and scintillation properties of Tm:K2NaLuF6. Optical Materials, 2010, 32, 589-594.	1.7	12
393	Crystal growth and scintillation characteristics of the Nd3+ doped LaF3 single crystal. Optical Materials, 2010, 32, 1142-1145.	1.7	22
394	Nd concentration dependence on the optical and scintillation properties of Nd doped BaF2. Optical Materials, 2010, 32, 1325-1328.	1.7	5
395	Crystal growth and VUV luminescence properties of Er3+- and Tm3+-doped LiCaAlF6 for detectors. Optical Materials, 2010, 32, 845-849.	1.7	30
396	Neutron response of rare-earth-doped ⁶LiF/CaF<inf>2</inf> eutectic composites with the ordered lamellar structure. , 2010, , .		1

#	Article	IF	Citations
397	Development and Performance Test of Picosecond Pulse X-ray Excited Streak Camera System for Scintillator Characterization. Applied Physics Express, 2010, 3, 056202.	1.1	67
398	Optical and scintillation properties of CeCl<inf>3</inf> and Ce doped LaBr<inf>3</inf> single crystals grown by modified micro-pulling-down method. , 2010, , .		0
399	Neutron response of rare-earth-doped ⁶LiF/CaF<inf>2</inf> eutectic composites with the ordered lamellar structure. , 2010, , .		0
400	Thermal neutron imaging tests using Ce doped LiCaAlF<inf>6</inf> and sealed ²⁵²Cf source. , 2010, , .		0
401	Scintillation properties of Ce³⁺-doped, Pr³⁺-doped calcium orthoborate. , 2010, , .		0
402	Thermal neutron imaging tests with rare-earthion-doped LiCaAlF<inf>6</inf> and sealed ²⁵²Cf source. , 2010, , .		0
403	Evaluations of scintillation properties of LiSrAlF<inf>6</inf> scintillator for thermal neutron detection. , 2010, , .		1
404	Crystal Growth and Evaluations of ${hbox {Nd}}{hbox {:LuLiF}}_{4}$ Scintillators for Different Nd Concentration. IEEE Transactions on Nuclear Science, 2010, 57, 1312-1315.	1.2	24
405	Growth, Optical Properties, and Scintillation Light Yield of CaF₂:Ce Crystals with Different Ce Concentration. Japanese Journal of Applied Physics, 2010, 49, 032601.	0.8	18
406	Crystal Growth and Luminescence Properties of Tm:BaF₂ Single Crystals. Japanese Journal of Applied Physics, 2010, 49, 022601.	0.8	25
407	Crystal Growth and Scintillation Properties of Tm, Nd Codoped LaF$_{3}$ Single Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1278-1281.	1.2	7
408	Crystal Growth and Characterization of Rare Earth Doped ${hbox{K}}_{3}{hbox{LuF}}_{6}$. IEEE Transactions on Nuclear Science, 2010, 57, 1320-1324.	1.2	6
409	Er:LiCAF as Potential Vacuum Ultraviolet Laser Material at 163 nm. IEEE Transactions on Nuclear Science, 2010, 57, 1204-1207.	1.2	24
410	Crystal growth and scintillation properties of lithium potassium yttrium complex fluoride. , 2010, , .		0
411	Ce Concentration Dependence of Optical and Scintillation Properties for Ce Doped ${m LiYF}_{4}$ Single Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1241-1244.	1.2	24
412	Evaluation of Gamma-Ray Response of Tm:${m BaF} _{2}$ Single Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1304-1307.	1.2	8
413	Development of pulsed X-ray tube equipped streak camera system to study scintillation phenomenon. , 2010, , .		0
414	Luminescence Mechanism in Doubly Doped ${m LaF} _{3}$:Er,Nd VUV Scintillator. IEEE Transactions on Nuclear Science, 2010, 57, 1196-1199.	1.2	5

#	Article	IF	Citations
415	Developmenst of a large area VUV sensitive gas PMT with GEM/Î¼PIC. Journal of Instrumentation, 2009, 4, P11006-P11006.	0.5	11
416	Study on a phoswich detector consisting of Li-composed crystal scintillator and BGO for neutron measurement. , 2009, , .		1
417	Growth and scintillation properties of Nd doped LiCaAlF<inf>6</inf> scintilltor. , 2009, , .		0
418	Crystal growth and scintillation properties of NdF<inf>3</inf> single crystal. , 2009, , .		0
419	Study of crystal growth and scintillation properties as a neutron detector of 2-inch diameter eu doped LiCaAlF<inf>6</inf> single crystal. , 2009, , .		4
420	Crystal Growth and Luminescence Properties of Pr-Doped LiYF4and LiCaAlF6. Japanese Journal of Applied Physics, 2009, 48, 085503.	0.8	25
421	Crystal growth, optical properties, and Î±-ray responses of Ce-doped LiCaAlF6 for different Ce concentration. Optical Materials, 2009, 32, 311-314.	1.7	68
422	Factors affecting the transmission and stability in complex fluorides in VUV spectral region. Proceedings of SPIE, 2009, , .	0.8	1
423	Crystal growth and scintillation properties of Nd doped CaF<inf>2</inf> single crystal. , 2009, , .		0
424	Single Crystal Growth, Optical Properties and Neutron Response of ${m Ce}^{3+}$ Doped ${m LiCaAlF}_{6}$. IEEE Transactions on Nuclear Science, 2009, 56, 3796-3799.	1.2	84
425	Crystal growth and scintillation property of Nd³⁺-doped LaF<inf>3</inf> single crystal. , 2008, , .		2
426	Crystal growth, optical properties and neutron responses of Ce³⁺ doped LiCaAlF<inf>6</inf> single crystal. , 2008, , .		7
427	Measurement of light yield of Ce³⁺ perturbed emission of CaF<inf>2</inf> scintillator coupled with avalanche photodiode. , 2008, , .		0
428	Growth, optical properties and neutron responses of Ce³⁺ doped LiYF<inf>4</inf> single crystals. , 2008, , .		0
429	Neutron responses of Eu²⁺ activated LiCaAlF<inf>6</inf> scintillator. , 2008, , .		11
430	Effects of Ti doping on scintillation properties of CaZrO3 single crystals. Japanese Journal of Applied Physics, 0, , .	0.8	1
431	Characterization of CaSiO3:Ce crystals for Î±- and X-ray detection. Japanese Journal of Applied Physics, 0, , .	0.8	1
432	Scintillation and dosimetric properties of LiF/CaF2:Dy eutectic composite. Japanese Journal of Applied Physics, 0, , .	0.8	2

#	Article	IF	Citations
433	Optical and scintillation properties of ZnO translucent ceramics annealed at different temperatures. Journal of Materials Science: Materials in Electronics, 0, , 1.	1.1	4