

# Yuui Yokota

## List of Publications by Year in descending order

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409  
papers

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136885

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410  
docs citations

410  
times ranked

1999  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Pr:LuAG Scintillator Array and Assembly for Positron Emission Mammography. IEEE Transactions on Nuclear Science, 2010, 57, 1492-1495.	1.2	188
2	Cz grown 2-in. size Ce:Gd <sub>3</sub> (Al,Ga) <sub>5</sub> O <sub>12</sub> single crystal; relationship between Al, Ga site occupancy and scintillation properties. Optical Materials, 2014, 36, 1942-1945.	1.7	151
3	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
4	Alkali earth co-doping effects on luminescence and scintillation properties of Ce doped Gd <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> scintillator. Optical Materials, 2015, 41, 63-66.	1.7	114
5	Basic study of Europium doped LiCaAlF <sub>6</sub> scintillator and its capability for thermal neutron imaging application. Optical Materials, 2011, 33, 1243-1247.	1.7	113
6	Single Crystal Growth, Optical Properties and Neutron Response of $\text{Ce}^{3+}$ Doped $\text{LiCaAlF}_6$ . IEEE Transactions on Nuclear Science, 2009, 56, 3796-3799.	1.2	84
7	Optical and scintillation characteristics of Y <sub>2</sub> O <sub>3</sub> transparent ceramic. Journal of Applied Physics, 2010, 107, .	1.1	72
8	Crystal growth, optical properties, and $\gamma$ -ray responses of Ce-doped LiCaAlF <sub>6</sub> for different Ce concentration. Optical Materials, 2009, 32, 311-314.	1.7	68
9	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
10	Submicron-diameter phase-separated scintillator fibers for high-resolution X-ray imaging. Applied Physics Letters, 2013, 102, .	1.5	63
11	Comparative study of transparent ceramic and single crystal Ce doped LuAG scintillators. Radiation Measurements, 2011, 46, 1503-1505.	0.7	62
12	Neutron $\gamma$ discrimination based on pulse shape discrimination in a Ce:LiCaAlF <sub>6</sub> scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 435-438.	0.7	61
13	Scintillation properties of transparent ceramic and single crystalline Nd:YAG scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 631, 54-57.	0.7	57
14	Scintillation Properties of Transparent Ceramic Pr:LuAG for Different Pr Concentration. IEEE Transactions on Nuclear Science, 2012, 59, 2146-2151.	1.2	57
15	Europium and Sodium Codoped LiCaAlF <sub>6</sub> Scintillator for Neutron Detection. Applied Physics Express, 2011, 4, 106401.	1.1	50
16	Crystal Growth of Na-Co-Doped Ce:LiCaAlF <sub>6</sub> Single Crystals and Their Optical, Scintillation, and Physical Properties. Crystal Growth and Design, 2011, 11, 4775-4779.	1.4	50
17	Basic Properties of Ceramic Pr:LuAG Scintillators. IEEE Transactions on Nuclear Science, 2009, 56, 2955-2959.	1.2	49
18	Large Size Czochralski Growth and Scintillation Properties of. IEEE Transactions on Nuclear Science, 2016, 63, 443-447.	1.2	49

#	ARTICLE	IF	CITATIONS
19	Thermal neutron detection with Ce <sup>3+</sup> doped LiCaAlF <sub>6</sub> single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 319-322.	0.7	46
20	Fast and High-Energy-Resolution Oxide Scintillator: Ce-Doped (La,Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> . Applied Physics Express, 2012, 5, 102601.	1.1	45
21	Optical and scintillation properties of Sc <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> and Lu <sub>2</sub> O <sub>3</sub> transparent ceramics synthesized by SPS method. Radiation Measurements, 2013, 55, 136-140.	0.7	44
22	Optical properties and gamma-ray response of Czochralski grown Pr:Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> scintillating garnet crystals with different Pr content. Optical Materials, 2011, 33, 413-418.	1.7	43
23	Positron emission mammography using Pr:LuAG scintillator – Fusion of optical material study and systems engineering. Optical Materials, 2010, 32, 1294-1297.	1.7	42
24	Eu-doped 6LiF-SrF <sub>2</sub> eutectic scintillators for neutron detection. Optical Materials, 2012, 34, 868-871.	1.7	40
25	Fabrication and characterization of large size 6LiF/CaF <sub>2</sub> :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
26	Growth and crystallinity of shaped and multiple sapphire crystals by a micro-pulling-down method. Journal of Crystal Growth, 2011, 318, 983-986.	0.7	38
27	Luminescence and scintillation mechanism in Ce <sup>3+</sup> and Pr <sup>3+</sup> doped (Lu,Y,Gd) <sub>3</sub> (Ga,Al) <sub>5</sub> O <sub>12</sub> single crystal scintillators. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 172-175.	0.8	37
28	Growth and scintillation properties of 3 in. diameter Ce doped Gd <sub>3</sub> Ga <sub>3</sub> Al <sub>2</sub> O <sub>12</sub> scintillation single crystal. Journal of Crystal Growth, 2016, 452, 81-84.	0.7	37
29	Orientation relationships of unidirectionally aligned GdAlO <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> eutectic fibers. Journal of the European Ceramic Society, 2014, 34, 3849-3857.	2.8	36
30	Scintillation Properties of In Doped ZnO With Different In Concentrations. IEEE Transactions on Nuclear Science, 2010, 57, 1325-1328.	1.2	35
31	Crystal growth and luminescence properties of Ti-doped LiAlO <sub>2</sub> for neutron scintillator. Journal of Crystal Growth, 2011, 318, 828-832.	0.7	34
32	Scintillation properties of transparent Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> (LuAG) ceramics doped with different concentrations of Pr <sup>3+</sup> . Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 140-143.	0.8	33
33	Crystal growth and scintillation properties of multi-component oxide single crystals: Ce:GGAG and Ce:La-GPS. Journal of Luminescence, 2016, 169, 387-393.	1.5	33
34	Crystal growth and scintillation properties of Nd-doped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> single crystals with different Nd concentrations. Optical Materials, 2011, 33, 905-908.	1.7	31
35	Vacuum ultraviolet field emission lamp utilizing KMgF <sub>3</sub> thin film phosphor. APL Materials, 2014, 2, .	2.2	31
36	Growth, Structural Considerations, and Characterization of Ce-Doped (La,Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> Scintillating Crystals. Crystal Growth and Design, 2015, 15, 1642-1651.	1.4	31

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37	Crystal growth and VUV luminescence properties of Er <sup>3+</sup> - and Tm <sup>3+</sup> -doped LiCaAlF <sub>6</sub> for detectors. <i>Optical Materials</i> , 2010, 32, 845-849.	1.7	30
38	Thermal neutron imaging with rare-earth-ion-doped LiCaAlF <sub>6</sub> scintillators and a sealed <sup>252</sup> Cf source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 652, 351-354.	0.7	30
39	Ce and Eu-doped LiSrAlF <sub>6</sub> scintillators for neutron detectors. <i>Radiation Measurements</i> , 2011, 46, 1708-1711.	0.7	30
40	Growth of Y <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> and Lu <sub>2</sub> O <sub>3</sub> crystals by the micro-pulling-down method and their optical and scintillation characteristics. <i>Journal of Crystal Growth</i> , 2011, 318, 823-827.	0.7	30
41	Crystal growth and characterization of Ce:Gd <sub>3</sub> (Ga,Al) <sub>5</sub> O <sub>12</sub> single crystal using floating zone method in different O <sub>2</sub> partial pressure. <i>Optical Materials</i> , 2013, 35, 1882-1886.	1.7	29
42	Czochralski growth of Gd <sub>3</sub> (Al <sub>5-x</sub> Ga <sub>x</sub> )O <sub>12</sub> (GAGG) single crystals and their scintillation properties. <i>Journal of Crystal Growth</i> , 2014, 393, 134-137.	0.7	29
43	Performance of Ce-doped (La, Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> scintillator with an avalanche photodiode. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 744, 30-34.	0.7	29
44	Afterglow Suppression by Codoping with Bi in CsI:Tl Crystal Scintillator. <i>Applied Physics Express</i> , 2012, 5, 052601.	1.1	28
45	Crystal growth of Eu:SrI <sub>2</sub> single crystals by micro-pulling-down method and the scintillation properties. <i>Journal of Crystal Growth</i> , 2013, 375, 49-52.	0.7	28
46	Scintillation properties of Ce:(La,Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> at high temperatures. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 772, 72-75.	0.7	28
47	Perovskite fluoride crystals as light emitting materials in vacuum ultraviolet region. <i>Optical Materials</i> , 2014, 36, 769-772.	1.7	27
48	Ultrafast Transparent Ceramic Scintillators Using the Yb <sup>3+</sup> Charge Transfer Luminescence in RE <sub>2</sub> O <sub>3</sub> Host. <i>Applied Physics Express</i> , 2011, 4, 126402.	1.1	26
49	Crystal Growth and Luminescence Properties of Pr-Doped LiYF <sub>4</sub> and LiCaAlF <sub>6</sub> . <i>Japanese Journal of Applied Physics</i> , 2009, 48, 085503.	0.8	25
50	Crystal Growth and Luminescence Properties of Tm:BaF <sub>2</sub> Single Crystals. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 022601.	0.8	25
51	Er <sup>3+</sup> :LaF <sub>3</sub> as a Step-Wise Excited Scintillator for Femtosecond Ultraviolet Pulses. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 1208-1210.	1.2	25
52	Growth and scintillation properties of Pr doped YAP with different Pr concentrations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 623, 1020-1023.	0.7	24
53	Crystal Growth and Evaluations of Er:LuLiF <sub>4</sub> Scintillators for Different Nd Concentration. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 1312-1315.	1.2	24
54	Er:LiCAF as Potential Vacuum Ultraviolet Laser Material at 163 nm. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 1204-1207.	1.2	24

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55	Ce Concentration Dependence of Optical and Scintillation Properties for Ce Doped $\text{LiYF}_4$ Single Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1241-1244.	1.2	24
56	Scintillation properties of $\text{Nd}^{3+}$ , $\text{Tm}^{3+}$ , and $\text{Er}^{3+}$ doped $\text{LuF}_3$ 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
57	Development of modified micro-pulling-down method for bromide and chloride single crystals. Journal of Crystal Growth, 2011, 318, 908-911.	0.7	24
58	Growth of $\text{Eu:SrI}_2$ bulk crystals and their scintillation properties. Journal of Crystal Growth, 2014, 401, 343-346.	0.7	24
59	Growth and luminescent properties of the Ce, Pr doped NaCl single crystals grown by the modified micro-pulling-down method. Radiation Measurements, 2010, 45, 472-474.	0.7	23
60	Comparative study of optical and scintillation properties of $\text{YVO}_4$ , $(\text{Lu}_{0.5}\text{Y}_{0.5})\text{VO}_4$ , and $\text{LuVO}_4$ single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, 53-56.	0.7	23
61	Micro-pulling down method-grown $\text{Er}^{3+}:\text{LiCaAlF}_6$ as prospective vacuum ultraviolet laser material. Journal of Crystal Growth, 2013, 362, 167-169.	0.7	23
62	Improvement of scintillation properties on Ce doped $\text{Y}_3\text{Al}_5\text{O}_{12}$ scintillator by divalent cations co-doping. Japanese Journal of Applied Physics, 2015, 54, 04DH17.	0.8	23
63	Growth and scintillation properties of Eu doped $\text{LiSrI}_3/\text{LiI}$ eutectics. Optical Materials, 2017, 68, 70-74.	1.7	23
64	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
65	Phosphorescent luminescence of pure magnesium oxide transparent ceramics produced by spark plasma sintering. Optical Materials, 2013, 35, 558-562.	1.7	22
66	Development of novel growth methods for halide single crystals. Optical Materials, 2017, 65, 46-51.	1.7	22
67	Development of Vacuum Ultraviolet Streak Camera System for the Evaluation of Vacuum Ultraviolet Emitting Materials. Japanese Journal of Applied Physics, 2009, 48, 096503.	0.8	21
68	Growth and characterization of Ce-doped $\text{Ca}_3(\text{BO}_3)_2$ crystals for neutron scintillator. Journal of Crystal Growth, 2011, 318, 784-787.	0.7	21
69	Shaped crystal growth of langasite-type piezoelectric single crystals and their physical properties. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 1868-1871.	1.7	21
70	Crystal growth and luminescence properties of Cr-doped $\text{YAlO}_3$ single crystals. Journal of Crystal Growth, 2013, 362, 157-161.	0.7	21
71	$\text{LiF}/\text{CaF}_2/\text{LiBaF}_3$ ternary fluoride eutectic scintillator. Japanese Journal of Applied Physics, 2015, 54, 04DH04.	0.8	21
72	Co-doping effects on luminescence and scintillation properties of Ce doped $\text{Lu}_3\text{Al}_5\text{O}_{12}$ scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 782, 9-12.	0.7	21

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73	Study of VUV emission and $\beta$ -ray responses of Nd:BaF <sub>2</sub> scintillator. Radiation Measurements, 2010, 45, 422-425.	0.7	20
74	Scintillation properties of Ce-doped LuLiF <sub>4</sub> and LuScBO <sub>3</sub> . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 251-255.	0.7	20
75	Modifications of micro-pulling-down method for the growth of selected Li-containing crystals for neutron scintillator and VUV scintillation crystals. Journal of Crystal Growth, 2012, 360, 127-130.	0.7	20
76	Growth of column-shaped and plate-like langasite-type piezoelectric single crystals and their physical properties. Sensors and Actuators A: Physical, 2013, 200, 56-59.	2.0	20
77	Crystal Growth of Ca <sub>3</sub> Nb(Ca <sub>1-x</sub> Al <sub>x</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> Piezoelectric Single Crystals with Various Al Concentrations. Materials, 2015, 8, 5597-5605.	1.3	20
78	Crystal growth and optical properties of the Nd <sup>3+</sup> doped LuF <sub>3</sub> single crystals. Optical Materials, 2011, 33, 1143-1146.	1.7	19
79	Growth of Al doped Ca <sub>3</sub> TaGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> piezoelectric single crystals with various Al concentrations. Journal of Crystal Growth, 2014, 401, 173-176.	0.7	19
80	Crystal growth of LiF/LiYF <sub>4</sub> eutectic crystals and their luminescent properties. Journal of the European Ceramic Society, 2014, 34, 2117-2121.	2.8	19
81	Fabrication of Metallic Fibers with High Melting Point and Poor Workability by Unidirectional Solidification. Advanced Engineering Materials, 2018, 20, 1700506.	1.6	19
82	Growth, Optical Properties, and Scintillation Light Yield of CaF <sub>2</sub> :Ce Crystals with Different Ce Concentration. Japanese Journal of Applied Physics, 2010, 49, 032601.	0.8	18
83	Scintillation properties of Tm-doped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> single crystals. Optical Materials, 2011, 34, 439-443.	1.7	18
84	Development of a Prototype Detector Using APD-Arrays Coupled With Pixelized Ce:GAGG Scintillator for High Resolution Radiation Imaging. IEEE Transactions on Nuclear Science, 2014, 61, 348-352.	1.2	18
85	2 inch size Czochralski growth and scintillation properties of Li + co-doped Ce:Gd <sub>3</sub> Ga <sub>3</sub> Al <sub>2</sub> O <sub>12</sub> . Optical Materials, 2017, 65, 52-55.	1.7	18
86	Crystal growth and scintillation properties of Nd:CaF <sub>2</sub> . Optical Materials, 2011, 33, 284-287.	1.7	17
87	Characterizations of Ce <sup>3+</sup> -Doped CaB <sub>2</sub> O <sub>4</sub> Crystalline Scintillator. Crystal Growth and Design, 2012, 12, 142-146.	1.4	17
88	Development of a novel red-emitting cesium hafnium iodide scintillator. Radiation Measurements, 2019, 124, 54-58.	0.7	17
89	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
90	Lithium Aluminate Crystals as Scintillator for Thermal Neutron Detection. IEEE Transactions on Nuclear Science, 2012, 59, 2252-2255.	1.2	16

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91	Growth and scintillation properties of pure CsI crystals grown by micro-pulling-down method. Optical Materials, 2012, 34, 1087-1091.	1.7	16
92	Effects of La, Gd, or Lu co-doping on crystal growth and scintillation properties of Eu:SrI <sub>2</sub> single crystals. Journal of Crystal Growth, 2014, 401, 484-488.	0.7	16
93	Dependence of acoustic property on Al substitution for Ca <sub>3</sub> Ta(Ga <sub>1-x</sub> ) <sub>2</sub> Ti <sub>1-x</sub> ETQq1 1 0.784314 rgBT /Overlock Journal of Applied Physics, 2016, 55, 07KB06.	0.8	16
94	Growth and scintillation properties of Tb doped LiGdF <sub>4</sub> /LiF eutectic scintillator. Optical Materials, 2016, 61, 134-138.	1.7	16
95	Simulation on Thermocapillary-Driven Drop Coalescence by Hybrid Lattice Boltzmann Method. Microgravity Science and Technology, 2016, 28, 67-77.	0.7	16
96	Growth and luminescent properties of Ce and Eu doped Cesium Hafnium Iodide single crystalline scintillators. Journal of Crystal Growth, 2018, 492, 1-5.	0.7	16
97	Fabrication of flexible Ir and Ir-Rh wires and application for thermocouple. Journal of Crystal Growth, 2018, 487, 72-77.	0.7	16
98	Doubly doped BaY <sub>2</sub> F <sub>8</sub> :Er,Nd VUV scintillator. Radiation Measurements, 2010, 45, 265-267.	0.7	15
99	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
100	Growth of Shape-Controlled Ca <sub>3</sub> NbGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> and Sr <sub>3</sub> NbGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> Single Crystals by Micro-Pulling-Down Method and Their Physical Properties. Japanese Journal of Applied Physics, 2011, 50, 09ND03.	0.8	15
101	Single crystal growth of Ce:Gd <sub>3</sub> (Ga,Al) <sub>5</sub> O <sub>12</sub> with various Mg concentration and their scintillation properties. Journal of Crystal Growth, 2017, 468, 407-410.	0.7	15
102	Growth and characterization of directionally solidified eutectic systems for scintillator applications. Journal of Crystal Growth, 2018, 498, 170-178.	0.7	15
103	Crystal growth and scintillation properties of Ce and Eu doped LiSrAlF <sub>6</sub> . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 368-372.	0.7	14
104	Basic study of Eu <sup>2+</sup> -doped garnet ceramic scintillator produced by spark plasma sintering. Optical Materials, 2012, 35, 222-226.	1.7	14
105	Optical properties and radiation response of Ce <sup>3+</sup> -doped GdScO <sub>3</sub> crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2267-2270.	0.8	14
106	Crystal growth and physical properties of shape-controlled La <sub>3</sub> Ta <sub>0.5</sub> Ga <sub>5.5</sub> O <sub>14</sub> single crystals by micro-pulling-down method. Journal of Crystal Growth, 2012, 352, 147-150.	0.7	14
107	Crystal Growth and Scintillation Properties of Fluoride Scintillators. IEEE Transactions on Nuclear Science, 2012, 59, 2173-2176.	1.2	14
108	Investigations of optical and scintillation properties of Tm <sup>3+</sup> -doped YAlO <sub>3</sub> . Optical Materials, 2012, 34, 627-631.	1.7	14

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109	Optical properties and radiation response of Ce:SrHfO <sub>3</sub> prepared by the Spark Plasma Sintering Method. <i>Radiation Measurements</i> , 2013, 56, 155-158.	0.7	14
110	Growth and optical properties of LiF/LaF <sub>3</sub> eutectic crystals. <i>Journal of the European Ceramic Society</i> , 2014, 34, 2111-2115.	2.8	14
111	Optical properties of a Nd-doped SrBr <sub>2</sub> crystal grown by the Bridgman technique. <i>Journal of Crystal Growth</i> , 2014, 393, 163-166.	0.7	14
112	Luminescence and scintillation properties of Ce doped SrHfO <sub>3</sub> based eutectics. <i>Optical Materials</i> , 2015, 41, 41-44.	1.7	14
113	Effect of Mg co-doping on scintillation properties of Ce:Gd <sub>3</sub> (Ga, Al) <sub>5</sub> O <sub>12</sub> single crystals with various Ga/Al ratios. <i>Journal of Crystal Growth</i> , 2017, 468, 420-423.	0.7	14
114	Effects of Al substitution for Ca <sub>3</sub> Ta(Ga <sub>1-x</sub> Al <sub>x</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> piezoelectric single crystals. <i>Journal of Crystal Growth</i> , 2017, 468, 321-325.	0.7	14
115	Crystal growth and luminescence properties of organic crystal scintillators for $\gamma$ -rays detection. <i>Optical Materials</i> , 2019, 94, 58-63.	1.7	14
116	Fiber-read radiation monitoring system using an optical fiber and red-emitting scintillator for ultra-high-dose conditions. <i>Applied Physics Express</i> , 2020, 13, 047002.	1.1	14
117	Evaluation of characterization of rare-earth doped sesquioxide ceramic scintillators. <i>Optical Materials</i> , 2011, 34, 448-451.	1.7	13
118	Temperature dependence of the scintillation properties of Ce:GSO and Ce:GSOZ. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 690, 53-57.	0.7	13
119	Growth and piezoelectric properties of Ca <sub>3</sub> Nb(Ga <sub>1-x</sub> Al <sub>x</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> (x= 0.25 and 0.50) single crystals. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 10ND13.	0.8	13
120	Growth and scintillation properties of Li and Ce co-doped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> scintillator. <i>Journal of Crystal Growth</i> , 2016, 452, 85-88.	0.7	13
121	Growth of 2 Inch Eu-doped SrI <sub>2</sub> single crystals for scintillator applications. <i>Journal of Crystal Growth</i> , 2016, 452, 73-80.	0.7	13
122	Cesium hafnium chloride scintillator coupled with an avalanche photodiode photodetector. <i>Journal of Instrumentation</i> , 2017, 12, C02042-C02042.	0.5	13
123	Thermal analysis of cesium hafnium chloride using DSC-TG under vacuum, nitrogen atmosphere, and in enclosed system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 1101-1107.	2.0	13
124	Optimization of Dopants and Scintillation Fibers' Diameter of GdAlO <sub>3</sub> / $\alpha$ -Al <sub>2</sub> O <sub>3</sub> Eutectic for High-Resolution X-Ray Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2018, 65, 2036-2040.	1.2	13
125	Crystal growth and scintillation properties of Er-doped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> single crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 664, 127-131.	0.7	12
126	VUV fluorescence from Nd <sup>3+</sup> :LuLiF <sub>4</sub> by two photon excitation using femtosecond laser. <i>Optical Materials</i> , 2013, 35, 2030-2033.	1.7	12



#	ARTICLE	IF	CITATIONS
127	Growth and scintillation properties of Nd-doped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> single crystals by Czochralski and micro-pulling-down methods. Journal of Crystal Growth, 2013, 362, 178-181.	0.7	12
128	Crystal Growth and Luminescence Properties of Yb-doped Gd <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> Infra-red Scintillator. Optical Materials, 2014, 36, 1484-1487.	1.7	12
129	Li + , Na + and K + co-doping effects on scintillation properties of Ce:Gd <sub>3</sub> Ga <sub>3</sub> Al <sub>2</sub> O <sub>12</sub> single crystals. Journal of Crystal Growth, 2018, 491, 1-5.	0.7	12
130	Modified vertical Bridgman method: Time and cost effective tool for preparation of Cs <sub>2</sub> HfCl <sub>6</sub> single crystals. Journal of Crystal Growth, 2020, 533, 125479.	0.7	12
131	Development of a large area VUV sensitive gas PMT with GEM/1/4PIC. Journal of Instrumentation, 2009, 4, P11006-P11006.	0.5	11
132	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
133	Scintillation characteristics of Tm <sup>3+</sup> in Ca <sub>3</sub> (BO <sub>3</sub> ) <sub>2</sub> crystals. Radiation Measurements, 2011, 46, 1506-1508.	0.7	11
134	Evaluations of pure and ytterbium doped transparent ceramic complex perovskite scintillators. Optical Materials, 2011, 34, 414-418.	1.7	11
135	Crystal growth and scintillation characteristics of the Nd <sup>3+</sup> doped LiLuF <sub>4</sub> single crystals. Optical Materials, 2011, 33, 924-927.	1.7	11
136	Scintillation Characteristic of In,Ga-Doped ZnO Thin Films with Different Dopant Concentrations. Japanese Journal of Applied Physics, 2011, 50, 01B004.	0.8	11
137	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
138	Dopant segregation in rare earth doped lutetium aluminum garnet single crystals grown by the micro-pulling down method. Journal of Crystal Growth, 2012, 352, 110-114.	0.7	11
139	Crystal growth and dopant segregation of Ce:LiSrAlF <sub>6</sub> and Eu:LiSrAlF <sub>6</sub> crystals with high dopant concentrations. Journal of Crystal Growth, 2012, 352, 106-109.	0.7	11
140	Photoluminescence and scintillation of LGS (La <sub>3</sub> Ga <sub>5</sub> SiO <sub>14</sub> ), LNGA (La <sub>3</sub> Nb <sub>0.5</sub> Ga <sub>5.3</sub> Al <sub>0.2</sub> O <sub>14</sub> ) and LTGA (La <sub>3</sub> Ta <sub>0.5</sub> Ga <sub>5.3</sub> Al <sub>0.2</sub> O <sub>14</sub> ) single crystals. Optical Materials, 2012, 34, 1513-1516.	1.7	11
141	Neutron detection with LiCaAlF <sub>6</sub> scintillator doped with 3d-transition metal ions. Radiation Measurements, 2013, 55, 128-131.	0.7	11
142	Scintillation Properties of a Non-Doped $\text{Ca}_3\text{TaGa}_3\text{Si}_2\text{O}_{14}$ Crystal. IEEE Transactions on Nuclear Science, 2014, 61, 339-342.	1.2	11
143	Single crystal growth and scintillation properties of Ca(Cl, Br, I) <sub>2</sub> single crystal. Ceramics International, 2017, 43, S423-S427.	2.3	11
144	Temperature dependence of acoustic property of Ca <sub>3</sub> Ta(Ga,Al) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystals. Japanese Journal of Applied Physics, 2017, 56, 07JB03.	0.8	11

#	ARTICLE	IF	CITATIONS
145	Single crystal growth and luminescent properties of Tb doped GdTaO <sub>4</sub> by the ¼-pulling down method. Optical Materials, 2019, 87, 94-97.	1.7	11
146	Multiple shaped-crystal growth of oxide scintillators using Mo crucible and die by the edge defined film fed growth method. Journal of Crystal Growth, 2020, 535, 125510.	0.7	11
147	Development of large size crystal growth technology of oxide eutectic scintillator and a proto-type Talbot-Lau imaging system. Japanese Journal of Applied Physics, 2021, 60, SBBK04.	0.8	11
148	Crystal growth and scintillation properties of NdF <sub>3</sub> single crystal. Optical Materials, 2010, 32, 878-881.	1.7	10
149	Crystal Growth and Characterization of Sr <sub>3</sub> (BO <sub>3</sub> ) <sub>3</sub> . IEEE Transactions on Nuclear Science, 2010, 57, 1264-1267.	1.2	10
150	Growth and characterization of strontium metaborate scintillators. Optical Materials, 2011, 34, 444-447.	1.7	10
151	Optical and scintillation properties of Pr <sup>3+</sup> -doped Ca <sub>3</sub> (BO <sub>3</sub> ) <sub>2</sub> single crystals. Physica Status Solidi (B): Basic Research, 2011, 248, 444-447.	0.7	10
152	The effect of different oxidative growth conditions on the scintillation properties of Ce:Gd <sub>3</sub> Al <sub>3</sub> Ga <sub>2</sub> O <sub>12</sub> crystal. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2251-2254.	0.8	10
153	Luminescence Properties of {m Gd} <sub>3</sub> {m Ga} <sub>5</sub> {m O} <sub>12</sub> :{m Cr} Single Crystals. IEEE Transactions on Nuclear Science, 2014, 61, 320-322.	1.2	10
154	Significant blue-shift in photoluminescence excitation spectra of Nd <sup>3+</sup> :LaF <sub>3</sub> potential laser medium at low-temperature. Optical Materials, 2015, 47, 462-464.	1.7	10
155	Directionally solidified Eu doped CaF <sub>2</sub> /Li <sub>3</sub> AlF <sub>6</sub> eutectic scintillator for neutron detection. Optical Materials, 2015, 50, 71-75.	1.7	10
156	Growth and Luminescence Properties of Single Crystals Prepared by Modified Micro-Pulling-Down Method. IEEE Transactions on Nuclear Science, 2016, 63, 453-458.	1.2	10
157	Luminescence properties of the Mg co-doped Ce:SrHfO <sub>3</sub> ceramics prepared by the Spark Plasma Sintering Method. Radiation Measurements, 2016, 90, 287-291.	0.7	10
158	Growth of 1.5-In Eu : Single Crystal and Scintillation Properties. IEEE Transactions on Nuclear Science, 2016, 63, 467-470.	1.2	10
159	Growth and luminescence properties of Eu-doped HfO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> eutectic scintillator. Journal of Rare Earths, 2016, 34, 796-801.	2.5	10
160	Czochralski growth of 2 in. Ca <sub>3</sub> Ta(Ga,Al) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystals for piezoelectric applications. Journal of Crystal Growth, 2016, 452, 135-140.	0.7	10
161	Effects of Mg-codoping on luminescence and scintillation properties of Ce doped Lu <sub>3</sub> (Ga,Al) <sub>5</sub> O <sub>12</sub> single crystals. Optical Materials, 2017, 65, 60-65.	1.7	10
162	Basic study of single crystal fibers of Pr:Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> 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

#	ARTICLE	IF	CITATIONS
163	Effect of Ce doping on scintillation characteristics of LiYF <sub>4</sub> single crystals for $\hat{\gamma}$ -ray detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 631, 68-72.	0.7	9
164	Nd <sup>3+</sup> Doped LiCaAlF <sub>6</sub> Single Crystal for Scintillator Application. Key Engineering Materials, 2012, 508, 224-229.	0.4	9
165	Optical Characteristic Improvement of Neodymium-Doped Lanthanum Fluoride Thin Films Grown by Pulsed Laser Deposition for Vacuum Ultraviolet Application. Japanese Journal of Applied Physics, 2012, 51, 022603.	0.8	9
166	Growth and optical properties of RE-doped ternary rubidium lead chloride single crystals. Optical Materials, 2013, 36, 214-220.	1.7	9
167	Growth and Luminescence Properties of Ce and Ca Co-Doped LiGdF <sub>4</sub> -LiF Eutectic Scintillator. Key Engineering Materials, 0, 616, 96-103.	0.4	9
168	Scintillation Properties of Nd <sup>3+</sup> -Doped Lu <sub>2</sub> O <sub>3</sub> Ceramics in the Visible and Infrared Regions. IEEE Transactions on Nuclear Science, 2014, 61, 316-319.	1.2	9
169	Growth and luminescent properties of Ce-doped LiF/LiLuF <sub>4</sub> eutectic fibers grown by micro-pulling-down method. Journal of the European Ceramic Society, 2014, 34, 2095-2099.	2.8	9
170	Acoustical physical constants around room temperature for Ca <sub>3</sub> TaGa <sub>1.5</sub> Al <sub>1.5</sub> Si <sub>2</sub> O <sub>14</sub> single crystal. Electronics Letters, 2015, 51, 1957-1958.	0.5	9
171	Crystal growth and luminescence properties of Yb <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> infra-red emission scintillator. Optical Materials, 2016, 58, 14-17.	1.7	9
172	Single crystal growth of submillimeter diameter sapphire tube by the micro-pulling down method. Journal of Crystal Growth, 2018, 492, 45-49.	0.7	9
173	Growth and Scintillation Properties of Two-Inch-Diameter Sr <sub>12</sub> (Eu) Single Crystals. Crystal Growth and Design, 2018, 18, 3747-3752.	1.4	9
174	Growth of Shape-Controlled Ca <sub>3</sub> NbGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> and Sr <sub>3</sub> NbGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> Single Crystals by Micro-Pulling-Down Method and Their Physical Properties. Japanese Journal of Applied Physics, 2011, 50, 09ND03.	0.8	9
175	Evaluation of Gamma-Ray Response of Tm:BaF <sub>2</sub> Single Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1304-1307.	1.2	8
176	Scintillation and optical properties of Pb-doped YCa <sub>4</sub> O(BO <sub>3</sub> ) <sub>3</sub> crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 238-241.	0.7	8
177	Investigation of a Tb-Doped HfO <sub>2</sub> Single Crystal Grown by a Skull Melting Method. Key Engineering Materials, 0, 508, 81-86.	0.4	8
178	Vacuum ultraviolet photoconductive detector based on pulse laser deposition-grown neodymium fluoride thin film. Thin Solid Films, 2013, 534, 12-14.	0.8	8
179	The control of mean ionic radius at Y site by Lu co-doping for Ce:LiYF <sub>4</sub> single crystals. Journal of Crystal Growth, 2013, 362, 243-246.	0.7	8
180	Control of mean ionic radius at Ca site by Sr co-doping for Ce doped LiCaAlF <sub>6</sub> single crystals and the effects on optical and scintillation properties. Optical Materials, 2014, 36, 1950-1953.	1.7	8

#	ARTICLE	IF	CITATIONS
181	Growth and Scintillation Properties of Ce: Li(Ca,Ba)AlF <sub>6</sub> Scintillator Crystals. IEEE Transactions on Nuclear Science, 2014, 61, 419-423.	1.2	8
182	Chemical composition characterization of Ca <sub>3</sub> Ta(Ga <sub>0.5</sub> Al <sub>0.5</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystal by the line-focus-beam ultrasonic material characterization system. Journal of Crystal Growth, 2016, 452, 141-145.	0.7	8
183	Growth of N-benzyl-2-methyl-4-nitroaniline (BNA) single crystal fibers by micro-pulling down method. Journal of Crystal Growth, 2016, 452, 162-165.	0.7	8
184	Temperature-dependent evaluation of Nd:LiCAF optical properties as potential vacuum ultraviolet laser material. Optical Materials, 2016, 58, 5-8.	1.7	8
185	Scintillation properties of Zr co-doped Ce:(Gd, La) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> grown by the Czochralski process. Radiation Measurements, 2016, 90, 162-165.	0.7	8
186	Luminescent properties of Cr-doped gallium garnet crystals grown by the micro-pulling-down method. Journal of Crystal Growth, 2016, 452, 95-100.	0.7	8
187	Development of a real-time dose monitor with Cr-doped Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> infrared scintillator. Radiation Measurements, 2017, 106, 187-191.	0.7	8
188	Effects of dopant distribution improvement on optical and scintillation properties for Ce-doped garnet-type single crystals. Journal of Materials Science: Materials in Electronics, 2017, 28, 7151-7156.	1.1	8
189	Growth and Luminescent Properties of Cs <sub>2</sub> HfCl <sub>6</sub> Scintillators Doped With Alkaline Earth Metals. IEEE Transactions on Nuclear Science, 2018, 65, 2169-2173.	1.2	8
190	Growth and scintillation properties of Tl-doped CsI/CsCl/NaCl ternary eutectic scintillators. Japanese Journal of Applied Physics, 2021, 60, SBBK01.	0.8	8
191	Optical Characteristic Improvement of Neodymium-Doped Lanthanum Fluoride Thin Films Grown by Pulsed Laser Deposition for Vacuum Ultraviolet Application. Japanese Journal of Applied Physics, 2012, 51, 022603.	0.8	8
192	Growth and scintillation properties of Ce doped $\text{LiBr/LaBr}_6$ single crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1278-1281.	0.7	8
193	Crystal Growth and Scintillation Properties of Tm, Nd Codoped LaF <sub>3</sub> Single Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1278-1281.	1.2	7
194	Development and Evaluations of Apatite Crystal Scintillators. IEEE Transactions on Nuclear Science, 2010, 57, 1308-1311.	1.2	7
195	Eu concentration dependence of optical and scintillation properties for Eu doped SrF <sub>2</sub> single crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2275-2278.	0.8	7
196	Crystal growth and scintillation properties of Ce-doped sodium calcium lutetium complex fluoride. Optical Materials, 2012, 34, 729-732.	1.7	7
197	Evaluation of Nd:BaY <sub>2</sub> F <sub>8</sub> for VUV scintillator. Radiation Measurements, 2013, 55, 108-111.	0.7	7
198	Nd-doped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> single-crystal scintillator for X-ray imaging. Radiation Measurements, 2013, 55, 103-107.	0.7	7

#	ARTICLE	IF	CITATIONS
199	Doping concentration dependence on VUV luminescence of Tm:CaF <sub>2</sub> . Optical Materials, 2013, 35, 1898-1901.	1.7	7
200	Radiation imaging with a new scintillator and a CMOS camera. Journal of Instrumentation, 2014, 9, C07015-C07015.	0.5	7
201	Eu concentration dependence on scintillation properties of Eu doped Sr <sub>12</sub> single crystals grown by modified micro-pulling-down method. Optical Materials, 2014, 36, 1946-1949.	1.7	7
202	Crystal growth and optical properties of Ce:(La,Gd) <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> grown by the floating zone method. Journal of Crystal Growth, 2014, 393, 142-144.	0.7	7
203	Luminescence properties of Pr-doped (La,Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> grown by the floating zone method. Japanese Journal of Applied Physics, 2015, 54, 052401.	0.8	7
204	Numerical study on the radial dopant distribution in micro-pulling-down crystal growth. Journal of Crystal Growth, 2016, 434, 110-115.	0.7	7
205	Improvement of dopant distribution in radial direction of single crystals grown by micro-pulling-down method. Journal of Crystal Growth, 2017, 474, 178-182.	0.7	7
206	Comprehensive Study on Ce-Doped (Gd, La) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> Scintillator. IEEE Transactions on Nuclear Science, 2018, 65, 2136-2139.	1.2	7
207	Thermoelectric Properties of Nb-Doped SrTiO <sub>3</sub> /TiO <sub>2</sub> Eutectic Solids Fabricated by Unidirectional Solidification. Journal of Electronic Materials, 2019, 48, 1827-1832.	1.0	7
208	Development of double layered thickness-shear resonator using langasite-type piezoelectric single crystal. Japanese Journal of Applied Physics, 2020, 59, SKKC03.	0.8	7
209	Growth and Scintillation Properties of a New Red-Emitting Scintillator Rb <sub>2</sub> Hf <sub>2</sub> for the Fiber-Reading Radiation Monitor. IEEE Transactions on Nuclear Science, 2020, 67, 1055-1062.	1.2	7
210	Growth and Scintillation Properties of Directionally Solidified Ce:LaBr <sub>3</sub> /AEB <sub>2</sub> (AE = Mg, Ca, Sr, Ba) Eutectic System. Crystals, 2020, 10, 584.	1.0	7
211	Tungsten co-doping effects on Ce:Gd <sub>3</sub> Ga <sub>3</sub> Al <sub>2</sub> O <sub>12</sub> scintillator grown by the micro-pulling down method. Journal of Crystal Growth, 2020, 539, 125513.	0.7	7
212	Scintillation Characteristic of In,Ga-Doped ZnO Thin Films with Different Dopant Concentrations. Japanese Journal of Applied Physics, 2011, 50, 01BC04.	0.8	7
213	Luminescence mechanism and energy transfer in doubly-doped BaY <sub>2</sub> F <sub>8</sub> :Tm,Nd VUV scintillator. IOP Conference Series: Materials Science and Engineering, 2010, 15, 012018.	0.3	6
214	Crystal Growth and Characterization of Rare Earth Doped $\text{K}_3\text{LuF}_6$ . IEEE Transactions on Nuclear Science, 2010, 57, 1320-1324.	1.2	6
215	Crystal growth and scintillation properties of Pr-doped oxyorthosilicate for different concentration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 643, 64-68.	0.7	6
216	Optical and scintillation properties of Dy <sup>3+</sup> :Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> and undoped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> crystals grown in reduction atmosphere. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2255-2258.	0.8	6

#	ARTICLE	IF	CITATIONS
217	Shape-controlled crystal growth of Sr <sub>3</sub> NbGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> and Sr <sub>3</sub> TaGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> piezoelectric crystals by the micro-pulling-down method. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 1864-1867.	1.7	6
218	Czochralski Growth and Scintillation Properties of $\text{Ce}:(\text{Gd},\text{Y},\text{Lu})_3\text{ETQqO}_0\text{rgBT/Overlock } 10\text{Tf } 50\text{ } 702\text{ } 1$	1.2	6
219	Growth and scintillation properties of Eu doped BaCl <sub>2</sub> /LiF eutectic scintillator. Optical Materials, 2015, 50, 76-80.	1.7	6
220	Growth of shape-controlled Ce:Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> scintillator crystal and their scintillation properties. Journal of Crystal Growth, 2016, 452, 69-72.	0.7	6
221	Czochralski growth of 2 in. Ce-doped (La,Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> for scintillator application. Journal of Crystal Growth, 2016, 452, 57-64.	0.7	6
222	Luminescence mechanism in doubly Gd, Nd-codoped fluoride crystals for VUV scintillators. Journal of Luminescence, 2016, 169, 682-689.	1.5	6
223	Effects of Na co-doping on optical and scintillation properties of Eu:LiCaAlF <sub>6</sub> scintillator single crystals. Journal of Crystal Growth, 2017, 468, 399-402.	0.7	6
224	Temperature dependence of Ce-doped (Gd 0.6 La 0.4) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> scintillators. Optical Materials, 2017, 65, 56-59.	1.7	6
225	Growth of LiF/LiBaF <sub>3</sub> eutectic scintillator crystals and their optical properties. Journal of Materials Science, 2017, 52, 5531-5536.	1.7	6
226	Crystal growth of La <sub>2</sub> Hf <sub>2</sub> O <sub>7</sub> by micro-pulling-down method using W crucible. Journal of Crystal Growth, 2022, 583, 126547.	0.7	6
227	Growth and scintillation properties of LiBr/CeBr <sub>3</sub> eutectic scintillator for neutron detection. Japanese Journal of Applied Physics, 2022, 61, SC1028.	0.8	6
228	Dramatic effects of excess oxygen on physical properties and crystal structure of La <sub>0.95</sub> Sr <sub>0.05</sub> MnO <sub>y</sub> single crystal. Solid State Communications, 2007, 142, 429-433.	0.9	5
229	Nd concentration dependence on the optical and scintillation properties of Nd doped BaF <sub>2</sub> . Optical Materials, 2010, 32, 1325-1328.	1.7	5
230	Scintillation properties of LuAG (Ce) ceramic and single crystalline scintillator. , 2010, , .		5
231	Gamma-Ray Responses of Pr:LuYAP and Pr:YAP Scintillators. IEEE Transactions on Nuclear Science, 2010, 57, 1316-1319.	1.2	5
232	Luminescence Mechanism in Doubly Doped $\text{LaF}_3\text{:Er,Nd}$ VUV Scintillator. IEEE Transactions on Nuclear Science, 2010, 57, 1196-1199.	1.2	5
233	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
234	Growth of high-temperature phase KLu <sub>2</sub> F <sub>7</sub> single crystals using quenching process. Journal of Crystal Growth, 2011, 318, 916-919.	0.7	5

#	ARTICLE	IF	CITATIONS
235	VUV Luminescence With Nd Doped $\text{KCaF}_3$ Under X-Ray Excitation. IEEE Transactions on Nuclear Science, 2012, 59, 2183-2187.	1.2	5
236	Crystal growth and characterization of Tm doped mixed rare-earth aluminum perovskite. Materials Research Bulletin, 2012, 47, 993-997.	2.7	5
237	Crystal growth and luminescence properties of Pr-doped $\text{LuLiF}_4$ single crystal. Radiation Measurements, 2013, 55, 112-115.	0.7	5
238	Preparation and characterization of pure and Pr(III)-doped lead chloride single crystals grown by modified micro-pulling-down method. Journal of Crystal Growth, 2013, 375, 57-61.	0.7	5
239	Eu and Rb co-doped $\text{LiCaAlF}_6$ scintillators for neutron detection. Radiation Measurements, 2013, 55, 132-135.	0.7	5
240	Scintillation properties of Er-doped $\text{Y}_3\text{Al}_5\text{O}_{12}$ single crystals. Radiation Measurements, 2013, 56, 116-119.	0.7	5
241	Vacuum Ultraviolet Field Emission Lamp Consisting of Neodymium Ion Doped Lutetium Fluoride Thin Film as Phosphor. Scientific World Journal, The, 2014, 2014, 1-5.	0.8	5
242	Crystal growth and scintillation properties of selected fluoride crystals for VUV scintillators. Journal of Crystal Growth, 2014, 401, 833-838.	0.7	5
243	Luminescent properties of Cr-doped $(\text{Gd}, \text{Y})_3\text{Al}_5\text{O}_{12}$ infra-red scintillator crystals. Optical Materials, 2014, 36, 1938-1941.	1.7	5
244	Growth and scintillation properties of Ce doped $\text{Gd}_2\text{Si}_2\text{O}_7/\text{SiO}_2$ eutectics. Journal of Physics: Conference Series, 2015, 619, 012036.	0.3	5
245	Luminescence and scintillation properties of rare-earth-doped $\text{LuF}_3$ scintillation crystals. Optical Materials, 2015, 41, 58-62.	1.7	5
246	Evaluation of Acoustic Properties for $\text{Ca}_3\text{Nb}(\text{Ga}_{0.75}\text{Al}_{0.25})_3\text{Si}_2\text{O}_{14}$ Single Crystal Using the Ultrasonic Microspectroscopy System. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 1575-1580.	1.7	5
247	Co-doping effects on luminescence and scintillation properties of Ce doped $(\text{Lu}, \text{Gd})_3(\text{Ga}, \text{Al})_5\text{O}_{12}$ scintillator. Optical Materials, 2016, 61, 129-133.	1.7	5
248	Growth of platinum fibers using the micro-pulling-down method. Journal of Crystal Growth, 2017, 468, 403-406.	0.7	5
249	Melt growth of zinc aluminate spinel single crystal by the micro-pulling down method under atmospheric pressure. Journal of Crystal Growth, 2018, 492, 67-70.	0.7	5
250	Crystal structure of Ce-doped $(\text{La}, \text{Gd})_2\text{Si}_2\text{O}_7$ grown by the Czochralski process. Journal of Alloys and Compounds, 2018, 748, 404-410.	2.8	5
251	Single-crystal growth, structure and luminescence properties of $\text{Cs}_2\text{HfCl}_3\text{Br}_3$ . Optical Materials, 2020, 106, 109942.	1.7	5
252	Bulk Single Crystal Growth of W Co-Doped $\text{Ce}:\text{Gd}, \text{fGa}, \text{fAl}, \text{O}, \text{â}}$ , by Czochralski Method. IEEE Transactions on Nuclear Science, 2020, 67, 1045-1048.	1.2	5

#	ARTICLE	IF	CITATIONS
253	Attenuation characteristics of a Ce:Gd <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 986, 164725.	0.7	5
254	Crystal growth and scintillation properties of tube shape-controlled Ce-doped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> single crystals grown by micro-pulling-down method. Applied Physics Express, 2020, 13, 125503.	1.1	5
255	Large size growth of terbium doped BaCl <sub>2</sub> /NaCl/KCl eutectic for radiation imaging. Japanese Journal of Applied Physics, 0, , .	0.8	5
256	Study of crystal growth and scintillation properties as a neutron detector of 2-inch diameter eu doped LiCaAlF <sub>6</sub> single crystal. , 2009, , .		4
257	Development of ZnO Based Charged Particle Monitor for Processing Facility. Japanese Journal of Applied Physics, 2011, 50, 01BG06.	0.8	4
258	Crystal Growth and Scintillation Properties of Ho-Doped Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> Single Crystals. IEEE Transactions on Nuclear Science, 2012, 59, 2141-2145.	1.2	4
259	Luminescence and scintillation properties of rare-earth doped BaLu <sub>2</sub> F <sub>8</sub> single crystals grown by the micro-pulling-down method. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2243-2246.	0.8	4
260	Luminescence and Scintillation Properties of VUV Scintillation Crystals Based on Lu-Admixed BaY <sub>2</sub> F <sub>8</sub> . IEEE Transactions on Nuclear Science, 2012, 59, 2177-2182.	1.2	4
261	Vacuum Ultraviolet Fluorescence Spectroscopy of Nd <sup>3+</sup> :LaF <sub>3</sub> Using Femtosecond Extreme Ultraviolet Free Electron Laser. Applied Physics Express, 2013, 6, 022401.	1.1	4
262	Optical and Scintillation Properties of Cr Doped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> ; Ga <sub>5</sub> O <sub>12</sub> ; Crystal for Infra-Red Scintillators. Key Engineering Materials, 0, 616, 92-95.	0.4	4
263	Growth of Nd doped (Lu, Gd) <sub>3</sub> (Ga, Al) <sub>5</sub> O <sub>12</sub> single crystal by the micro pulling down method and their scintillation properties. Optical Materials, 2015, 41, 32-35.	1.7	4
264	Growth of 2-inch size Ce:doped Lu <sub>2</sub> Gd <sub>1</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> single crystal by the Czochralski method and their scintillation properties. Journal of Crystal Growth, 2015, 410, 14-17.	0.7	4
265	Crystal growth and scintillation properties of Lu substituted CeBr <sub>3</sub> single crystals. Journal of Crystal Growth, 2016, 452, 65-68.	0.7	4
266	Effects of Na and K co-doping on growth and scintillation properties of Eu:SrI <sub>2</sub> crystals. Radiation Measurements, 2016, 90, 157-161.	0.7	4
267	Improvement of the growth of Li <sub>4</sub> SiO <sub>4</sub> single crystals for neutron detection and their scintillation and luminescence properties. Journal of Crystal Growth, 2017, 457, 143-150.	0.7	4
268	Development and melt growth of novel scintillating halide crystals. Optical Materials, 2017, 74, 109-119.	1.7	4
269	Development of Eu:SrI <sub>2</sub> Scintillator Array for Gamma-Ray Imaging Applications. IEEE Transactions on Nuclear Science, 2017, 64, 1647-1651.	1.2	4
270	Crystal Growth and Optical Properties of Organic Crystals for Neutron Scintillators. Plasma and Fusion Research, 2018, 13, 2405011-2405011.	0.3	4



#	ARTICLE	IF	CITATIONS
271	Effects of Ca/Sr ratio control on optical and scintillation properties of Eu-doped Li(Ca,Sr)AlF <sub>6</sub> single crystals. Journal of Crystal Growth, 2018, 490, 71-76.	0.7	4
272	Al-doping effects on mechanical, optical and scintillation properties of Ce:(La,Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> single crystals. Optical Materials, 2019, 87, 11-15.	1.7	4
273	Al concentration dependence of crystal structure for Ca <sub>3</sub> Ta(Ga,Al) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> piezoelectric single crystals. Journal of Solid State Chemistry, 2019, 277, 195-200.	1.4	4
274	Relationship Between Li/Ce Concentration and the Luminescence Properties of Codoped Gd <sub>3</sub> (Ga, Al) <sub>5</sub> O <sub>12</sub> :Ce. Physica Status Solidi (B): Basic Research, 2020, 257, 1900504.	0.7	4
275	Crystal growth and optical properties of a Ce <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> single crystal. Optical Materials, 2020, 109, 110210.	1.7	4
276	Growth of Lu <sub>2</sub> O <sub>3</sub> and HfO <sub>2</sub> Based High Melting Temperature Single Crystals by Indirect Heating Method Using Arc Plasma. Crystals, 2020, 10, 619.	1.0	4
277	Cs <sub>2</sub> HfCl <sub>6</sub> doped with Zr: Influence of tetravalent substitution on scintillation properties. Journal of Crystal Growth, 2021, 573, 126307.	0.7	4
278	Crystal Growth and Scintillation Properties of Carbazole for Neutron Detection. IEEE Transactions on Nuclear Science, 2020, 67, 1027-1031.	1.2	4
279	Microstructure and thermoelectric properties of La-doped SrTiO <sub>3</sub> /TiO <sub>2</sub> eutectic crystals grown by Micro-Pulling-Down method. Journal of Crystal Growth, 2022, 583, 126551.	0.7	4
280	Evaluations of ZnO based $\gamma$ -ray imager. , 2010, , .		3
281	Crystal growth and characterization of (Na <sub>x</sub> Ca <sub>1-2x</sub> Lu <sub>x</sub> )F <sub>2</sub> single crystals. Journal of Crystal Growth, 2011, 320, 63-68.	0.7	3
282	Crystal growth, Nd distribution and luminescence properties of (Na <sub>0.425+x</sub> Lu <sub>0.575-x</sub> Y <sub>x</sub> Nd <sub>y</sub> )F <sub>2.15-2x</sub> single crystals. Journal of Crystal Growth, 2011, 318, 791-795.	0.7	3
283	Investigations of Optical and Scintillation Properties of $(\text{Lu}_{0.1}\text{Y}_{0.9})\text{AlO}_3:\text{Nd}0.1\%$ . IEEE Transactions on Nuclear Science, 2012, 59, 2156-2160.	1.2	3
284	Quantitative Research of the Crystallinity of Pr Doped $(\text{Lu}_3\text{Al}_5\text{O}_{12})$ . IEEE Transactions on Nuclear Science, 2012, 59, 2135-2140.	1.2	3
285	Development of a new imaging device using a VUV scintillator and a gas photomultiplier with a $\frac{1}{4}$ -PIC and GEM. Journal of Instrumentation, 2012, 7, C03013-C03013.	0.5	3
286	Optical and scintillation properties of Ca <sub>3</sub> NbGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystal grown by micro-pulling down method. Journal of Crystal Growth, 2012, 352, 129-132.	0.7	3
287	Luminescent properties of Ce:Gd <sub>3</sub> (Al,Ga,Mg,M) <sub>5</sub> O <sub>12</sub> crystal (M =) Tj ETQq <sub>1.1</sub> 0.7843 <sub>14</sub> rgBT <sub>0.8</sub> <sub>3</sub>	0.8	3
288	Crystal growth of CaYAlO <sub>4</sub> single crystals grown by the micro-pulling down method and their luminescent properties. Journal of Crystal Growth, 2014, 393, 138-141.	0.7	3

#	ARTICLE	IF	CITATIONS
289	Growth of Sc doped RE <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> (RE = Y, Lu) single crystals by micro-pulling-down method and their scintillation properties. <i>Optical Materials</i> , 2014, 36, 1934-1937.	1.7	3
290	Growth of Ca <sub>3</sub> Ta(Ga <sub>0.5</sub> Al <sub>0.5</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> piezoelectric single crystal and the piezoelectric properties. , 2014, , .		3
291	Scintillation properties of a La, Lu-admix gadolinium pyrosilicate crystal. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 784, 115-118.	0.7	3
292	Growth and radioluminescence of metal elements doped LiCaAlF <sub>6</sub> single crystals for neutron scintillator. <i>Radiation Measurements</i> , 2016, 90, 170-173.	0.7	3
293	Growth and scintillation properties of praseodymium doped (Lu,Gd) <sub>3</sub> (Ga,Al) <sub>5</sub> O <sub>12</sub> single crystals. <i>Journal of Luminescence</i> , 2016, 169, 811-815.	1.5	3
294	Relationships among chemical composition, lattice constants, and acoustic properties for Ca <sub>3</sub> Ta(Ga <sub>1-x</sub> Al <sub>x</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystals. <i>Journal of Crystal Growth</i> , 2017, 468, 376-381.	0.7	3
295	Mg co-doping effects on Ce doped Y <sub>3</sub> (Ga,Al) <sub>5</sub> O <sub>12</sub> scintillator. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 169, 012013.	0.3	3
296	Control of the solid-liquid interface during growth of a Ce-doped Gd <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> crystal by the traveling solvent floating zone method. <i>Journal of Crystal Growth</i> , 2017, 468, 465-468.	0.7	3
297	Crystal growth and optical properties of indium doped LiCaAlF <sub>6</sub> scintillator single crystals. <i>Optical Materials</i> , 2017, 65, 69-72.	1.7	3
298	Crystal growth and scintillation properties of Pr-doped SrI <sub>2</sub> single crystals. <i>Journal of Crystal Growth</i> , 2018, 487, 126-130.	0.7	3
299	Crystal growth and temperature dependence of light output of Ce-doped (Gd, La, Y) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> single crystals. <i>Journal of Crystal Growth</i> , 2018, 486, 173-177.	0.7	3
300	Microstructure and Mechanical Properties of Platinum Fiber Fabricated by Unidirectional Solidification. <i>Crystals</i> , 2020, 10, 216.	1.0	3
301	Phase diagram of BaI <sub>2</sub> -LuI <sub>3</sub> system and growth of BaI <sub>2</sub> /LuI <sub>3</sub> eutectic scintillator. <i>Journal of Crystal Growth</i> , 2020, 536, 125573.	0.7	3
302	Control of Microstructure for Co-Cr-Mo Fibers Fabricated by Unidirectional Solidification. <i>Crystals</i> , 2020, 10, 11.	1.0	3
303	Tunable vacuum ultraviolet cross-luminescence from KMgF under high pressure as potential fast-response scintillator. <i>Journal of Chemical Physics</i> , 2021, 154, 124707.	1.2	3
304	Growth and scintillation properties of Tl-doped CsI/KI/KCl ternary eutectics. <i>Journal of Crystal Growth</i> , 2021, 573, 126287.	0.7	3
305	Temperature Characteristics of Resonance Frequency for Double-Layered Thickness-Shear Resonator. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 870-877.	1.7	3
306	Growth of Tb-doped BaCl <sub>2</sub> /NaCl/KCl ternary eutectic and its luminescence properties. <i>Journal of Crystal Growth</i> , 2022, 580, 126467.	0.7	3

#	ARTICLE	IF	CITATIONS
307	Functional possibilities of inorganic-organic hybrid scintillator; Pr: LuAG scintillator covered with plastic scintillator. , 2009, , .		2
308	Study on the single crystal growth of concentration gradient Ce:YAP rod and the dopant concentration dependence on the scintillation properties. Radiation Measurements, 2010, 45, 453-456.	0.7	2
309	Comparative study on scintillation properties of LGG, YGG and GGG. , 2010, , .		2
310	Scintillation properties of $(\text{Na}_{0.425}\text{Lu}_{0.575-x}\text{Nd}_x)\text{F}_{2.15}$ and its comparison with $(\text{Ca}_{1-x}\text{Nd}_x)\text{F}_{2+x}$ and $\text{NdF}_3$ . Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 136-139.	0.8	2
311	LPE Growth and Scintillation Properties of (Zn,Mg)O Single Crystalline Film. IEEE Transactions on Nuclear Science, 2012, 59, 2286-2289.	1.2	2
312	Effects of ionic radius control at Y site by Sc doping on crystal growth and physical properties for Ce:LiYF <sub>4</sub> single crystals. Journal of Crystal Growth, 2012, 352, 95-98.	0.7	2
313	Structural and optical properties of neodymium-doped lutetium fluoride thin films grown by pulsed laser deposition. Optical Materials, 2013, 35, 2329-2331.	1.7	2
314	Fabrication and Physical Properties of $\text{Ca}_3\text{Nb}(\text{Ga}_{1-x}\text{Al}_x)_3\text{Si}_2\text{O}_{14}$ Piezoelectric Materials. Ferroelectrics, 2013, 456, 107-112.	0.3	2
315	Annealing Effects for $\text{Ca}_3\text{NbGa}_3\text{Si}_2\text{O}_{14}$ Piezoelectric Single Crystals Grown by Micro-Pulling-Down Method. Ferroelectrics, 2013, 455, 1-5.	0.3	2
316	Evaluation of Ce <sup>3+</sup> and alkali metal ions Co-doped LiSrAlF <sub>6</sub> crystalline scintillators. Radiation Measurements, 2013, 56, 111-115.	0.7	2
317	Luminescence properties of Nd <sup>3+</sup> doped LiLuF <sub>4</sub> single crystals with different dopant concentrations. Optical Materials, 2013, 35, 1890-1892.	1.7	2
318	Optical and scintillation property of Ce, Ho and Eu-doped PbF <sub>2</sub> . Radiation Measurements, 2013, 55, 120-123.	0.7	2
319	Effects of Growth Atmosphere on Crystal Growth and Optical Properties for $\text{Ca}_3\text{NbGa}_3\text{Si}_2\text{O}_{14}$ Single Crystals. Ferroelectrics, 2013, 449, 147-153.	0.3	2
320	Fundamental study of inorganic-organic hybrid scintillator using Pr:Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> and plastic scintillator. Japanese Journal of Applied Physics, 2014, 53, 04EH10.	0.8	2
321	Read Out Test of Pr:LuAG Scintillator Coupled to Organic Wavelength Shifter Using Si Based Photodetectors. IEEE Transactions on Nuclear Science, 2014, 61, 452-455.	1.2	2
322	Optical and scintillating properties of Ce:Li(Y,Lu)F <sub>4</sub> single crystals. Radiation Measurements, 2014, 62, 6-9.	0.7	2
323	Luminescence study on Eu or Tb doped lanthanum-gadolinium pyrosilicate crystal. Optical Materials, 2015, 41, 80-83.	1.7	2
324	Luminescent properties of Gd <sub>3</sub> (Al,Ga) <sub>5</sub> O <sub>12</sub> crystal co-doped with Ce and M <sup>4+</sup> . Journal of Physics: Conference Series, 2015, 619, 012039.	0.3	2

#	ARTICLE	IF	CITATIONS
325	The divalent ion codoping effect on Ce-doped (Gd, La) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> single crystals. <i>Optical Materials</i> , 2017, 68, 42-46.	1.7	2
326	Crystal growth and piezoelectric properties of Ca <sub>3</sub> Ta(Ga <sub>1-x</sub> Sc <sub>x</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystals. <i>Ceramics International</i> , 2017, 43, S136-S139.	2.3	2
327	Crystal growth and optical properties of Gd admixed Ce-doped Lu <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> single crystals. <i>Journal of Crystal Growth</i> , 2017, 468, 391-394.	0.7	2
328	Engineering of Eu dopant segregation in colquiriite-type fluoride single crystal scintillators. <i>AIP Advances</i> , 2017, 7, .	0.6	2
329	Crystal growth and piezoelectric properties of Ca <sub>3</sub> Ta(Ga <sub>0.9</sub> Sc <sub>0.1</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> bulk single crystal. <i>Journal of Crystal Growth</i> , 2018, 485, 69-72.	0.7	2
330	Mg,Ce co-doped Lu <sub>2</sub> Gd <sub>1</sub> (Ga,Al) <sub>5</sub> O <sub>12</sub> by micro-pulling down method and their luminescence properties. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 04FJ06.	0.8	2
331	Phase formation and crystal growth of Ca <sub>3</sub> TaAl <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> piezoelectric single crystal. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 11UD11.	0.8	2
332	Crystal growth, optical properties, and scintillation responses of Pr-doped CeBr <sub>3</sub> single crystals. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 070312.	0.8	2
333	Crystal growth and scintillation properties of Eu-doped Ca(Brx <sub>1-x</sub> ) <sub>2</sub> crystals. <i>Radiation Measurements</i> , 2019, 127, 106139.	0.7	2
334	Crystal growth of La <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> by micro-pulling-down method using Mo and W crucibles. <i>Journal of Crystal Growth</i> , 2021, 575, 126357.	0.7	2
335	Development of ZnO Based Charged Particle Monitor for Processing Facility. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 01BG06.	0.8	2
336	Crystal growth and optical properties of Ce-doped (Y,Lu)AlO <sub>3</sub> single crystal. <i>Japanese Journal of Applied Physics</i> , 0, , .	0.8	2
337	Study on a phoswich detector consisting of Li-composed crystal scintillator and BGO for neutron measurement. , 2009, , .		1
338	Evaluations of scintillation properties of LiSrAlF <sub>6</sub> scintillator for thermal neutron detection. , 2010, , .		1
339	Crystal growth and scintillation properties of Ce doped KLu <sub>2</sub> F <sub>7</sub> single crystal. , 2010, , .		1
340	A thermal-neutron detector with a phoswich system of LiCaAlF <sub>6</sub> and BGO crystal scintillators onboard PoGOLite. , 2010, , .		1
341	Light output uniformity of czochralski grown rare-earth-ion doped <sup>6</sup> LiCaAlF <sub>6</sub> single crystal for thermal neutron detection. , 2011, , .		1
342	Shape-controlled crystal growth of Sr <sub>3</sub> NbGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> and Sr <sub>3</sub> TaGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> piezoelectric single crystal by micro-pulling-down method. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
343	Optical and scintillation properties of Sr7%:Ce15%:GdF3 single crystal. Journal of Crystal Growth, 2011, 318, 1175-1178.	0.7	1
344	Growth and luminescence properties of Eu-doped (Na0.425~Lu0.575+)F2.15+2 single crystals. Journal of Crystal Growth, 2011, 318, 549-552.	0.7	1
345	Investigations of optical and scintillation properties of Tm<sup>3+</sup>-doped YAlO<sub>3</sub>, 2011, , .		1
346	Dopant segregation in Czochralski grown rare-earth-ion doped 6LiCaAlF6 single crystal for thermal neutron detection. , 2011, , .		1
347	Crystal Growth and Scintillation Properties of Ce<sup>3+</sup> and Mg<sup>2+</sup> Co-Doped LiCaAlF<sub>6</sub> Single Crystal. Key Engineering Materials, 2012, 508, 240-246.	0.4	1
348	Crystal growth and evaluation of scintillation properties of Eu and alkaliâ€metal coâ€doped LiSrAlF<sub>6</sub> single crystals for thermal neutron detector. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2235-2238.	0.8	1
349	Growth of Ce:LiY<sub>4</sub> 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
350	Crystal Growth and Scintillation Properties of Ce-Doped $\text{K}_{2}\text{NaLuF}_{6}$ . IEEE Transactions on Nuclear Science, 2013, 60, 1024-1026.	1.2	1
351	Development of a single crystal with a high index of refraction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 599-602.	0.7	1
352	Luminescence and Scintillation Properties of Scintillators Based on Orthorhombic and Monoclinic BaLu<sub>2</sub>F<sub>8</sub> Single Crystals. IEEE Transactions on Nuclear Science, 2014, 61, 411-418.	1.2	1
353	Single Crystal Growth and Co-doping Effects of Lanthanum Substituted Gadolinium Pyrosilicate Scintillator. Journal of Physics: Conference Series, 2015, 619, 012034.	0.3	1
354	Nonstoichiometry of Lu<sub>3</sub>Al<sub>5</sub>O<sub>12</sub> single crystal and its effects of on luminescence and scintillation properties. Journal of Physics: Conference Series, 2015, 619, 012035.	0.3	1
355	Temperature Dependence of Luminescence Properties for Zr Codoped Ce:(Gd,â€...La)2Si2O7 Scintillator. , 2016, , .		1
356	Single Crystal Growth of Cerium and Praseodymium Doped Scintillator by Micro-Pulling Down Method. IEEE Transactions on Nuclear Science, 2016, 63, 486-489.	1.2	1
357	Development of the growth technique on cerium bromide single crystal by Halideâ€microâ€pullingâ€down method. Crystal Research and Technology, 2017, 52, 1600401.	0.6	1
358	Scintillation properties of Y-Admixed Gd2Si2O7 scintillator. Radiation Measurements, 2019, 126, 106123.	0.7	1
359	Undoped and Eu, Na co-doped LiCaAlF6 scintillation crystals: Paramagnetic centers, charge trapping and energy transfer properties. Journal of Alloys and Compounds, 2021, 858, 158297.	2.8	1
360	Mid-infrared imaging through up-conversion luminescence in trivalent lanthanide ion-doped self-organizing optical fiber array crystal. Optics Letters, 2021, 46, 941.	1.7	1

#	ARTICLE	IF	CITATIONS
361	Growth, Microstructure, and Mechanical Properties of Co-Cr-Mo Crystal Fibers Fabricated from the Melt by Unidirectional Solidification. <i>Advanced Engineering Materials</i> , 2021, 23, 2100144.	1.6	1
362	Crystal growth and optical properties of Ce-doped (La,Y) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> single crystal. <i>Journal of Crystal Growth</i> , 2021, 572, 126252.	0.7	1
363	Fast Scanning Method for Measuring Material Homogeneity using the Line-Focus-Beam Ultrasonic-Material-Characterization System. , 2020, , .		1
364	Skin Effect of Rotating Magnetic Fields in Liquid Bridge. <i>Journal of Magnetism</i> , 2017, 22, 333-343.	0.2	1
365	Radiation Hardness of Ce:(Gd,La) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> Scintillator Using 80-MeV Alpha Rays. , 2016, , .		1
366	Novel Method of Search for Transparent Optical Materials with Extremely High Melting Point. <i>Crystal Growth and Design</i> , 2021, 21, 572-578.	1.4	1
367	Influence of reflected waves at the bonded boundary in double-layered thickness-shear resonator using $\hat{\Gamma}$ -quartz. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SG1055.	0.8	1
368	Growth and scintillation properties of directionally solidified Ce:LaCl <sub>3</sub> /AeCl <sub>2</sub> (Ae = Mg, Ca, Sr) eutectic Scintillators. <i>Journal of Crystal Growth</i> , 2022, 584, 126549.	0.7	1
369	Growth of Zn <sub>3</sub> Ta <sub>2</sub> O <sub>8</sub> crystal scintillator by a novel melt growth technique named shielded arc melting method. <i>Optical Materials: X</i> , 2022, 14, 100149.	0.3	1
370	Dramatic Change in Magnetization Behaviors of La <sub>1.4</sub> Sr <sub>1.6</sub> Mn <sub>2</sub> O <sub>7</sub> + $\hat{\Gamma}$ by Control of Excess Oxygen. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L204-L206.	0.8	0
371	Growth, optical properties and neutron responses of Ce <sup>3+</sup> doped LiYF <sub>4</sub> single crystals. , 2008, , .		0
372	Growth and scintillation properties of Nd doped LiCaAlF <sub>6</sub> scintillator. , 2009, , .		0
373	Crystal growth and scintillation properties of NdF <sub>3</sub> single crystal. , 2009, , .		0
374	Comparative study of Ga, In, and Mg doped ZnO thin-film scintillator with Geiger mode APD. , 2009, , .		0
375	Crystal growth and scintillation properties of Nd doped CaF <sub>2</sub> single crystal. , 2009, , .		0
376	Optical and scintillation properties of CeCl <sub>3</sub> and Ce doped LaBr <sub>3</sub> single crystals grown by modified micro-pulling-down method. , 2010, , .		0
377	Scintillation properties of Ce <sup>3+</sup> -doped, Pr <sup>3+</sup> -doped calcium orthoborate. , 2010, , .		0
378	Study on scintillation properties of rare earth (Pr, Nd and Tm) activated Lu <sub>2</sub> SiO <sub>5</sub> . , 2010, , .		0

#	ARTICLE	IF	CITATIONS
379	Crystal growth and scintillation properties of lithium potassium yttrium complex fluoride. , 2010, , .		0
380	Development of pulsed X-ray tube equipped streak camera system to study scintillation phenomenon. , 2010, , .		0
381	Optical and scintillation properties of lutetium vanadate single crystal. , 2010, , .		0
382	Shaped crystal growth of langasite-type piezoelectric single crystals and their physical properties. , 2011, , .		0
383	Thermal neutron imaging with PIN photodiode line scanner and Eu-doped $\text{LiCaAlF}_6$ scintillator. , 2011, , .		0
384	Development of Novel Inorganic Scintillator Materials. The Review of Laser Engineering, 2011, 39, 306-311.	0.0	0
385	Crystal growth and scintillation properties of $(\text{Na}_x\text{Ca}_{1-x}\text{Lu}_y\text{Nd}_{1-y})\text{F}_2$ single crystals. Optical Materials, 2011, 34, 75-78.	1.7	0
386	Crystal growth and thermal neutron scintillation response of Ce doped $\text{K}_6\text{LiYF}_5$ . Optical Materials, 2011, 33, 877-881.	1.7	0
387	Crystal growth and characterization of rare-earth doped $\text{Na}_2\text{CaLu}_2\text{F}_{10}$ . , 2011, , .		0
388	$\text{LiF-Sr}_x\text{Ca}_{1-x}\text{F}_2$ doped with Ce and Eu eutectic scintillator for neutron detection. , 2011, , .		0
389	Crystal growth and optical properties of $\text{Ca}_3\text{NbGa}_3\text{Si}_2\text{O}_{14}$ single crystals grown under various atmosphere. , 2012, , .		0
390	Study on Phase Diagram of $\text{Ca}_3\text{NbGa}_3\text{Si}_2\text{O}_{14}$ Piezoelectric Material by Differential Thermal Analysis and X-Ray Diffraction Measurement. Key Engineering Materials, 2012, 508, 247-252.	0.4	0
391	Growth and scintillation properties of $(\text{Lu}^{1-x}\text{Tm}_x)_2\text{SiO}_5$ [ $x=0.001, 0.01, 0.1, 1$ ]. Radiation Measurements, 2013, 55, 116-119.	0.7	0
392	Optical properties of $\text{Ce}_3\text{:LiCaAlF}_6$ thin films prepared by pulsed laser deposition. , 2013, , .		0
393	Luminescence and lifetime properties of $\text{Nd}_3\text{:LaF}_3$ thin films grown by pulsed laser deposition. , 2013, , .		0
394	Vacuum ultraviolet light emitting device consisting of $\text{Nd}_3\text{:LuF}_3$ thin film as phosphor. , 2013, , .		0
395	TL Properties of Pure $\text{Al}_2\text{O}_3$ Grown by the Micro-Pulling down Method. Key Engineering Materials, 0, 616, 87-91.	0.4	0
396	Growth and physical properties of Al doped $\text{Ca}_3\text{NbGa}_3\text{Si}_2\text{O}_{14}$ piezoelectric single crystals. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
397	Effects of Eu concentration control on crystal growth and scintillation properties for Eu:LiSrAlF <sub>6</sub> crystals. <i>Optical Materials</i> , 2014, 36, 1959-1962.	1.7	0
398	Investigation of rotated X-cut Ca <sub>3</sub> TaGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystals operating in FS mode in the temperature range up to 900°C. , 2014, , .		0
399	Measurements of acoustical physical constants for Ca <sub>3</sub> Nb(Ga <sub>0.75</sub> Al <sub>0.25</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystal using the ultrasonic microspectroscopy system. , 2015, , .		
400	Crystal growth of Ca <sub>3</sub> Nb(Ga <sub>0.75</sub> Al <sub>0.25</sub> ) <sub>3</sub> O <sub>14</sub> piezoelectric bulk single crystal. , 2015, , .		
401	Homogeneity evaluation of Ca <sub>3</sub> Ta(Ga <sub>0.5</sub> Al <sub>0.5</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystal by the line-focus-beam ultrasonic material characterization system. , 2015, , .		0
402	Size control and vacuum-ultraviolet fluorescence of nanosized KMgF <sub>3</sub> single crystals prepared using femtosecond laser pulses. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 685-690.	2.8	0
403	Optical and scintillation properties of Sr <sub>3</sub> BGa <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> (B= Nb, Ta) single crystals. <i>Radiation Measurements</i> , 2016, 90, 334-337.	0.7	0
404	Al content dependence of acoustic properties for Ca <sub>3</sub> Nb(Ga <sub>1-x</sub> Al <sub>x</sub> ) <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> single crystals. , 2016, , .		0
405	Growth and scintillation properties of Eu and Ce doped LiSr <sub>3</sub> single crystals. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 13157-13160.	1.1	0
406	Development of Gamma-Ray Detector Arrays Consisting of Diced Eu-Doped SrI <sub>2</sub> Scintillator Arrays and TSV-MPPC Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2020, 67, 999-1002.	1.2	0
407	Optimum measurement condition for V(x) method using the line-focus-beam ultrasonic-material-characterization system. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 078002.	0.8	0
408	Effect of Thickness Ratio of Double Layered Thickness-Shear Resonator on Temperature Characteristics of Resonance Frequency. , 2020, , .		0
409	Growth of thallium-doped CsI/CsCl/KCl eutectics and their scintillation properties. <i>Optical Materials: X</i> , 2022, , 100159.	0.3	0