

Yuui Yokota

List of Publications by Year in descending order

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all docs

410
docs citations

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times ranked

2148
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature Characteristics of Resonance Frequency for Double-Layered Thickness-Shear Resonator. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 870-877.	1.7	3
2	Influence of reflected waves at the bonded boundary in double-layered thickness-shear resonator using $\text{Li}\pm$ -quartz. Japanese Journal of Applied Physics, 2022, 61, SG1055.	0.8	1
3	Growth of Tb-doped BaCl ₂ /NaCl/KCl ternary eutectic and its luminescence properties. Journal of Crystal Growth, 2022, 580, 126467.	0.7	3
4	Growth and scintillation properties of Ce doped LiBr/LaBr eutectic scintillator. Journal of Crystal Growth, 2022, 583, 126551.	0.7	8
5	Crystal growth of La ₂ Hf ₂ O ₇ by micro-pulling-down method using W crucible. Journal of Crystal Growth, 2022, 583, 126547.	0.7	6
6	Growth and scintillation properties of directionally solidified Ce:LaCl ₃ /AeCl ₂ (Ae = Mg, Ca, Sr) eutectic Scintillators. Journal of Crystal Growth, 2022, 584, 126549.	0.7	1
7	Microstructure and thermoelectric properties of La-doped SrTiO ₃ /TiO ₂ eutectic crystals grown by Micro-Pulling-Down method. Journal of Crystal Growth, 2022, 583, 126551.	0.7	4
8	Growth and scintillation properties of LiBr/CeBr ₃ eutectic scintillator for neutron detection. Japanese Journal of Applied Physics, 2022, 61, SC1028.	0.8	6
9	Growth of Zn ₃ Ta ₂ O ₈ crystal scintillator by a novel melt growth technique named shielded arc melting method. Optical Materials: X, 2022, 14, 100149.	0.3	1
10	Growth of thallium-doped CsI/CsCl/KCl eutectics and their scintillation properties. Optical Materials: X, 2022, , 100159.	0.3	0
11	Attenuation characteristics of a Ce:Gd ₃ Al ₂ Ga ₃ O ₁₂ scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 986, 164725.	0.7	5
12	Undoped and Eu, Na co-doped LiCaAlF ₆ scintillation crystals: Paramagnetic centers, charge trapping and energy transfer properties. Journal of Alloys and Compounds, 2021, 858, 158297.	2.8	1
13	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
14	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
15	Tunable vacuum ultraviolet cross-luminescence from KMgF under high pressure as potential fast-response scintillator. Journal of Chemical Physics, 2021, 154, 124707.	1.2	3
16	Optimum measurement condition for V(x) method using the line-focus-beam ultrasonic-material-characterization system. Japanese Journal of Applied Physics, 2021, 60, 078002.	0.8	0
17	Growth, Microstructure, and Mechanical Properties of Co-Cr-Mo Crystal Fibers Fabricated from the Melt by Unidirectional Solidification. Advanced Engineering Materials, 2021, 23, 2100144.	1.6	1
18	Crystal growth of La ₂ Zr ₂ O ₇ by micro-pulling-down method using Mo and W crucibles. Journal of Crystal Growth, 2021, 575, 126357.	0.7	2

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19	Crystal growth and optical properties of Ce-doped (La,Y) ₂ Si ₂ O ₇ single crystal. Journal of Crystal Growth, 2021, 572, 126252.	0.7	1
20	Growth and scintillation properties of Tl-doped CsI/KI/KCl ternary eutectics. Journal of Crystal Growth, 2021, 573, 126287.	0.7	3
21	Cs ₂ HfCl ₆ doped with Zr: Influence of tetravalent substitution on scintillation properties. Journal of Crystal Growth, 2021, 573, 126307.	0.7	4
22	Growth and scintillation properties of Tl-doped CsI/CsCl/NaCl ternary eutectic scintillators. Japanese Journal of Applied Physics, 2021, 60, SBBK01.	0.8	8
23	Novel Method of Search for Transparent Optical Materials with Extremely High Melting Point. Crystal Growth and Design, 2021, 21, 572-578.	1.4	1
24	Modified vertical Bridgman method: Time and cost effective tool for preparation of Cs ₂ HfCl ₆ single crystals. Journal of Crystal Growth, 2020, 533, 125479.	0.7	12
25	Relationship Between Li/Ce Concentration and the Luminescence Properties of Codoped Gd ₃ (Ga, Al) ₅ O ₁₂ :Ce. Physica Status Solidi (B): Basic Research, 2020, 257, 1900504.	0.7	4
26	Thermal analysis of cesium hafnium chloride using DSC-TG under vacuum, nitrogen atmosphere, and in enclosed system. Journal of Thermal Analysis and Calorimetry, 2020, 141, 1101-1107.	2.0	13
27	Crystal growth and optical properties of a Ce ₂ Si ₂ O ₇ single crystal. Optical Materials, 2020, 109, 110210.	1.7	4
28	Growth of Lu ₂ O ₃ and HfO ₂ Based High Melting Temperature Single Crystals by Indirect Heating Method Using Arc Plasma. Crystals, 2020, 10, 619.	1.0	4
29	Microstructure and Mechanical Properties of Platinum Fiber Fabricated by Unidirectional Solidification. Crystals, 2020, 10, 216.	1.0	3
30	Single-crystal growth, structure and luminescence properties of Cs ₂ HfCl ₃ Br ₃ . Optical Materials, 2020, 106, 109942.	1.7	5
31	Development of double layered thickness-shear resonator using langasite-type piezoelectric single crystal. Japanese Journal of Applied Physics, 2020, 59, SKKC03.	0.8	7
32	Growth and Scintillation Properties of a New Red-Emitting Scintillator Rb ₂ Hf ₂ F ₈ for the Fiber-Reading Radiation Monitor. IEEE Transactions on Nuclear Science, 2020, 67, 1055-1062.	1.2	7
33	Growth and Scintillation Properties of Directionally Solidified Ce:LaBr ₃ /AEB ₂ (AE = Mg, Ca, Sr, Ba) Eutectic System. Crystals, 2020, 10, 584.	1.0	7
34	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
35	Tungsten co-doping effects on Ce:Gd ₃ Ga ₃ Al ₂ O ₁₂ scintillator grown by the micro-pulling down method. Journal of Crystal Growth, 2020, 539, 125513.	0.7	7
36	Fiber-read radiation monitoring system using an optical fiber and red-emitting scintillator for ultra-high-dose conditions. Applied Physics Express, 2020, 13, 047002.	1.1	14

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37	Phase diagram of Ba ₂ -Lu ₃ system and growth of Ba ₂ /Lu ₃ eutectic scintillator. Journal of Crystal Growth, 2020, 536, 125573.	0.7	3
38	Control of Microstructure for Co-Cr-Mo Fibers Fabricated by Unidirectional Solidification. Crystals, 2020, 10, 11.	1.0	3
39	Bulk Single Crystal Growth of W Co-Doped Ce:Gd ₂ ,fGa ₂ ,fAl ₂ ,O ₁₂ , by Czochralski Method. IEEE Transactions on Nuclear Science, 2020, 67, 1045-1048.	1.2	5
40	Development of Gamma-Ray Detector Arrays Consisting of Diced Eu-Doped SrI ₂ Scintillator Arrays and TSV-MPPC Arrays. IEEE Transactions on Nuclear Science, 2020, 67, 999-1002.	1.2	0
41	Fast Scanning Method for Measuring Material Homogeneity using the Line-Focus-Beam Ultrasonic-Material-Characterization System. , 2020, , .		1
42	Crystal growth and scintillation properties of tube shape-controlled Ce-doped Y ₃ Al ₅ O ₁₂ single crystals grown by micro-pulling-down method. Applied Physics Express, 2020, 13, 125503.	1.1	5
43	Crystal Growth and Scintillation Properties of Carbazole for Neutron Detection. IEEE Transactions on Nuclear Science, 2020, 67, 1027-1031.	1.2	4
44	Effect of Thickness Ratio of Double Layered Thickness-Shear Resonator on Temperature Characteristics of Resonance Frequency. , 2020, , .		0
45	Al-doping effects on mechanical, optical and scintillation properties of Ce:(La,Gd) ₂ Si ₂ O ₇ single crystals. Optical Materials, 2019, 87, 11-15.	1.7	4
46	Single crystal growth and luminescent properties of Tb doped GdTaO ₄ by the ¼-pulling down method. Optical Materials, 2019, 87, 94-97.	1.7	11
47	Al concentration dependence of crystal structure for Ca ₃ Ta(Ga,Al) ₃ Si ₂ O ₁₄ piezoelectric single crystals. Journal of Solid State Chemistry, 2019, 277, 195-200.	1.4	4
48	Crystal growth and scintillation properties of Eu-doped Ca(Brx _{1-x}) ₂ crystals. Radiation Measurements, 2019, 127, 106139.	0.7	2
49	Scintillation properties of Y-Admixed Gd ₂ Si ₂ O ₇ scintillator. Radiation Measurements, 2019, 126, 106123.	0.7	1
50	Crystal growth and luminescence properties of organic crystal scintillators for Î±-rays detection. Optical Materials, 2019, 94, 58-63.	1.7	14
51	Development of a novel red-emitting cesium hafnium iodide scintillator. Radiation Measurements, 2019, 124, 54-58.	0.7	17
52	Thermoelectric Properties of Nb-Doped SrTiO ₃ /TiO ₂ Eutectic Solids Fabricated by Unidirectional Solidification. Journal of Electronic Materials, 2019, 48, 1827-1832.	1.0	7
53	Crystal growth and scintillation properties of Pr-doped SrI ₂ single crystals. Journal of Crystal Growth, 2018, 487, 126-130.	0.7	3
54	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

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55	Growth and characterization of directionally solidified eutectic systems for scintillator applications. <i>Journal of Crystal Growth</i> , 2018, 498, 170-178.	0.7	15
56	Crystal structure of Ce-doped (La,Gd) ₂ Si ₂ O ₇ grown by the Czochralski process. <i>Journal of Alloys and Compounds</i> , 2018, 748, 404-410.	2.8	5
57	Growth and luminescent properties of Ce and Eu doped Cesium Hafnium Iodide single crystalline scintillators. <i>Journal of Crystal Growth</i> , 2018, 492, 1-5.	0.7	16
58	Fabrication of flexible Ir and Ir-Rh wires and application for thermocouple. <i>Journal of Crystal Growth</i> , 2018, 487, 72-77.	0.7	16
59	Crystal growth and temperature dependence of light output of Ce-doped (Gd, La, Y) ₂ Si ₂ O ₇ single crystals. <i>Journal of Crystal Growth</i> , 2018, 486, 173-177.	0.7	3
60	Crystal growth and piezoelectric properties of Ca ₃ Ta(Ga _{0.9} Sc _{0.1}) ₃ Si ₂ O ₁₄ bulk single crystal. <i>Journal of Crystal Growth</i> , 2018, 485, 69-72.	0.7	2
61	Crystal Growth and Optical Properties of Organic Crystals for Neutron Scintillators. <i>Plasma and Fusion Research</i> , 2018, 13, 2405011-2405011.	0.3	4
62	Fabrication of Metallic Fibers with High Melting Point and Poor Workability by Unidirectional Solidification. <i>Advanced Engineering Materials</i> , 2018, 20, 1700506.	1.6	19
63	Li + , Na + and K + co-doping effects on scintillation properties of Ce:Gd ₃ Ga ₃ Al ₂ O ₁₂ single crystals. <i>Journal of Crystal Growth</i> , 2018, 491, 1-5.	0.7	12
64	Mg,Ce co-doped Lu ₂ Gd ₁ (Ga,Al) ₅ O ₁₂ by micro-pulling down method and their luminescence properties. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 04FJ06.	0.8	2
65	Single crystal growth of submillimeter diameter sapphire tube by the micro-pulling down method. <i>Journal of Crystal Growth</i> , 2018, 492, 45-49.	0.7	9
66	Effects of Ca/Sr ratio control on optical and scintillation properties of Eu-doped Li(Ca,Sr)AlF ₆ single crystals. <i>Journal of Crystal Growth</i> , 2018, 490, 71-76.	0.7	4
67	Phase formation and crystal growth of Ca ₃ TaAl ₃ Si ₂ O ₁₄ piezoelectric single crystal. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 11UD11.	0.8	2
68	Growth and Scintillation Properties of Two-Inch-Diameter SrI ₂ (Eu) Single Crystals. <i>Crystal Growth and Design</i> , 2018, 18, 3747-3752.	1.4	9
69	Growth and Luminescent Properties of Cs ₂ HfCl ₆ Scintillators Doped With Alkaline Earth Metals. <i>IEEE Transactions on Nuclear Science</i> , 2018, 65, 2169-2173.	1.2	8
70	Crystal growth, optical properties, and scintillation responses of Pr-doped CeBr ₃ single crystals. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 070312.	0.8	2
71	Comprehensive Study on Ce-Doped (Gd, La) ₂ Si ₂ O ₇ Scintillator. <i>IEEE Transactions on Nuclear Science</i> , 2018, 65, 2136-2139.	1.2	7
72	Optimization of Dopants and Scintillation Fibers' Diameter of GdAlO ₃ /Al ₂ O ₃ Eutectic for High-Resolution X-Ray Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2018, 65, 2036-2040.	1.2	13

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73	Improvement of the growth of Li ₄ SiO ₄ single crystals for neutron detection and their scintillation and luminescence properties. Journal of Crystal Growth, 2017, 457, 143-150.	0.7	4
74	Effects of Na co-doping on optical and scintillation properties of Eu:LiCaAlF ₆ scintillator single crystals. Journal of Crystal Growth, 2017, 468, 399-402.	0.7	6
75	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
76	Temperature dependence of Ce-doped (Gd 0.6 La 0.4) ₂ Si ₂ O ₇ scintillators. Optical Materials, 2017, 65, 56-59.	1.7	6
77	Relationships among chemical composition, lattice constants, and acoustic properties for Ca ₃ Ta(Ga _{1-x} Al _x) ₃ Si ₂ O ₁₄ single crystals. Journal of Crystal Growth, 2017, 468, 376-381.	0.7	3
78	Growth of platinum fibers using the micro-pulling-down method. Journal of Crystal Growth, 2017, 468, 403-406.	0.7	5
79	Mg co-doping effects on Ce doped Y ₃ (Ga,Al) ₅ O ₁₂ scintillator. IOP Conference Series: Materials Science and Engineering, 2017, 169, 012013.	0.3	3
80	Growth and scintillation properties of Eu doped LiSr _{1/3} Li _{1/3} eutectics. Optical Materials, 2017, 68, 70-74.	1.7	23
81	Growth of LiF/LiBaF ₃ eutectic scintillator crystals and their optical properties. Journal of Materials Science, 2017, 52, 5531-5536.	1.7	6
82	Development of the growth technique on cerium bromide single crystal by Halide micro-pulling-down method. Crystal Research and Technology, 2017, 52, 1600401.	0.6	1
83	Development and melt growth of novel scintillating halide crystals. Optical Materials, 2017, 74, 109-119.	1.7	4
84	Single crystal growth and scintillation properties of Ca(Cl, Br, I) ₂ single crystal. Ceramics International, 2017, 43, S423-S427.	2.3	11
85	Cesium hafnium chloride scintillator coupled with an avalanche photodiode photodetector. Journal of Instrumentation, 2017, 12, C02042-C02042.	0.5	13
86	Development of a real-time dose monitor with Cr-doped Gd ₃ Ga ₅ O ₁₂ infrared scintillator. Radiation Measurements, 2017, 106, 187-191.	0.7	8
87	The divalent ion codoping effect on Ce-doped (Gd, La) ₂ Si ₂ O ₇ single crystals. Optical Materials, 2017, 68, 42-46.	1.7	2
88	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
89	Development of Eu:SrI ₂ Scintillator Array for Gamma-Ray Imaging Applications. IEEE Transactions on Nuclear Science, 2017, 64, 1647-1651.	1.2	4
90	Effect of Mg co-doping on scintillation properties of Ce:Gd ₃ (Ga, Al) ₅ O ₁₂ single crystals with various Ga/Al ratios. Journal of Crystal Growth, 2017, 468, 420-423.	0.7	14

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91	Temperature dependence of acoustic property of $\text{Ca}_3\text{Ta}(\text{Ga},\text{Al})_3\text{Si}_2\text{O}_{14}$ single crystals. Japanese Journal of Applied Physics, 2017, 56, 07JB03.	0.8	11
92	Growth and scintillation properties of Eu and Ce doped LiSr_3 single crystals. Journal of Materials Science: Materials in Electronics, 2017, 28, 13157-13160.	1.1	0
93	Crystal growth and piezoelectric properties of $\text{Ca}_3\text{Ta}(\text{Ga}_{1-x}\text{Sc}_x)_3\text{Si}_2\text{O}_{14}$ single crystals. Ceramics International, 2017, 43, S136-S139.	2.3	2
94	Control of the solid-liquid interface during growth of a Ce-doped $\text{Gd}_2\text{Si}_2\text{O}_7$ crystal by the traveling solvent floating zone method. Journal of Crystal Growth, 2017, 468, 465-468.	0.7	3
95	Single crystal growth of $\text{Ce}:\text{Gd}_3(\text{Ga},\text{Al})_5\text{O}_{12}$ with various Mg concentration and their scintillation properties. Journal of Crystal Growth, 2017, 468, 407-410.	0.7	15
96	Development of novel growth methods for halide single crystals. Optical Materials, 2017, 65, 46-51.	1.7	22
97	2 inch size Czochralski growth and scintillation properties of Li + co-doped $\text{Ce}:\text{Gd}_3\text{Ga}_3\text{Al}_2\text{O}_{12}$. Optical Materials, 2017, 65, 52-55.	1.7	18
98	Effects of Al substitution for $\text{Ca}_3\text{Ta}(\text{Ga}_{1-x}\text{Al}_x)_3\text{Si}_2\text{O}_{14}$ piezoelectric single crystals. Journal of Crystal Growth, 2017, 468, 321-325.	0.7	14
99	Crystal growth and optical properties of Gd admixed Ce-doped $\text{Lu}_2\text{Si}_2\text{O}_7$ single crystals. Journal of Crystal Growth, 2017, 468, 391-394.	0.7	2
100	Crystal growth and optical properties of indium doped LiCaAlF_6 scintillator single crystals. Optical Materials, 2017, 65, 69-72.	1.7	3
101	Effects of Mg-codoping on luminescence and scintillation properties of Ce doped $\text{Lu}_3(\text{Ga},\text{Al})_5\text{O}_{12}$ single crystals. Optical Materials, 2017, 65, 60-65.	1.7	10
102	Engineering of Eu dopant segregation in colquiriite-type fluoride single crystal scintillators. AIP Advances, 2017, 7, .	0.6	2
103	Skin Effect of Rotating Magnetic Fields in Liquid Bridge. Journal of Magnetism, 2017, 22, 333-343.	0.2	1
104	Temperature Dependence of Luminescence Properties for Zr Codoped $\text{Ce}:(\text{Gd},\text{La})_2\text{Si}_2\text{O}_7$ Scintillator. , 2016, , .		1
105	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
106	Size control and vacuum-ultraviolet fluorescence of nanosized KMgF_3 single crystals prepared using femtosecond laser pulses. Science and Technology of Advanced Materials, 2016, 17, 685-690.	2.8	0
107	Dependence of acoustic property on Al substitution for $\text{Ca}_3\text{Ta}(\text{Ga}_{1-x})_3\text{Si}_2\text{O}_{14}$ single crystals. Journal of Applied Physics, 2016, 55, 07KB06.	0.8	16
108	Growth and scintillation properties of 3 in. diameter Ce doped $\text{Gd}_3\text{Ga}_3\text{Al}_2\text{O}_{12}$ scintillation single crystal. Journal of Crystal Growth, 2016, 452, 81-84.	0.7	37

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109	Chemical composition characterization of Ca ₃ Ta(Ga _{0.5} Al _{0.5}) ₃ Si ₂ O ₁₄ single crystal by the line-focus-beam ultrasonic material characterization system. Journal of Crystal Growth, 2016, 452, 141-145.	0.7	8
110	Crystal growth and luminescence properties of Yb ₂ Si ₂ O ₇ infra-red emission scintillator. Optical Materials, 2016, 58, 14-17.	1.7	9
111	Large Size Czochralski Growth and Scintillation Properties of. IEEE Transactions on Nuclear Science, 2016, 63, 443-447.	1.2	49
112	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
113	Luminescence properties of the Mg co-doped Ce:SrHfO ₃ ceramics prepared by the Spark Plasma Sintering Method. Radiation Measurements, 2016, 90, 287-291.	0.7	10
114	Growth and scintillation properties of Li and Ce co-doped Lu ₃ Al ₅ O ₁₂ scintillator. Journal of Crystal Growth, 2016, 452, 85-88.	0.7	13
115	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
116	Temperature-dependent evaluation of Nd:LiCAF optical properties as potential vacuum ultraviolet laser material. Optical Materials, 2016, 58, 5-8.	1.7	8
117	Growth of shape-controlled Ce:Y ₃ Al ₅ O ₁₂ scintillator crystal and their scintillation properties. Journal of Crystal Growth, 2016, 452, 69-72.	0.7	6
118	Growth of 2 Inch Eu-doped Sr ₂ single crystals for scintillator applications. Journal of Crystal Growth, 2016, 452, 73-80.	0.7	13
119	Growth and radioluminescence of metal elements doped LiCaAlF ₆ single crystals for neutron scintillator. Radiation Measurements, 2016, 90, 170-173.	0.7	3
120	Growth of 1.5-In Eu : Single Crystal and Scintillation Properties. IEEE Transactions on Nuclear Science, 2016, 63, 467-470.	1.2	10
121	Czochralski growth of 2 in. Ce-doped (La,Gd) ₂ Si ₂ O ₇ for scintillator application. Journal of Crystal Growth, 2016, 452, 57-64.	0.7	6
122	Growth and scintillation properties of Tb doped LiGdF ₄ /LiF eutectic scintillator. Optical Materials, 2016, 61, 134-138.	1.7	16
123	Co-doping effects on luminescence and scintillation properties of Ce doped (Lu,Gd) ₃ (Ga,Al) ₅ O ₁₂ scintillator. Optical Materials, 2016, 61, 129-133.	1.7	5
124	Growth and luminescence properties of Eu-doped HfO ₂ /Al ₂ O ₃ eutectic scintillator. Journal of Rare Earths, 2016, 34, 796-801.	2.5	10
125	Optical and scintillation properties of Sr ₃ BGa ₃ Si ₂ O ₁₄ (B= Nb, Ta) single crystals. Radiation Measurements, 2016, 90, 334-337.	0.7	0
126	Al content dependence of acoustic properties for Ca ₃ Nb(Ga _{1-x} Al _x) ₃ Si ₂ O ₁₄ single crystals. , 2016, , .		0

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127	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
128	Crystal growth and scintillation properties of Lu substituted CeBr ₃ single crystals. Journal of Crystal Growth, 2016, 452, 65-68.	0.7	4
129	Scintillation properties of Zr co-doped Ce:(Gd, La) ₂ Si ₂ O ₇ grown by the Czochralski process. Radiation Measurements, 2016, 90, 162-165.	0.7	8
130	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
131	Czochralski growth of 2 in. Ca ₃ Ta(Ga,Al) ₃ Si ₂ O ₁₄ single crystals for piezoelectric applications. Journal of Crystal Growth, 2016, 452, 135-140.	0.7	10
132	Effects of Na and K co-doping on growth and scintillation properties of Eu:SrI ₂ crystals. Radiation Measurements, 2016, 90, 157-161.	0.7	4
133	Simulation on Thermocapillary-Driven Drop Coalescence by Hybrid Lattice Boltzmann Method. Microgravity Science and Technology, 2016, 28, 67-77.	0.7	16
134	Growth and scintillation properties of praseodymium doped (Lu,Gd) ₃ (Ga,Al) ₅ O ₁₂ single crystals. Journal of Luminescence, 2016, 169, 811-815.	1.5	3
135	Numerical study on the radial dopant distribution in micro-pulling-down crystal growth. Journal of Crystal Growth, 2016, 434, 110-115.	0.7	7
136	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
137	Luminescence mechanism in doubly Gd, Nd-codoped fluoride crystals for VUV scintillators. Journal of Luminescence, 2016, 169, 682-689.	1.5	6
138	Radiation Hardness of Ce:(Gd,La) ₂ Si ₂ O ₇ Scintillator Using 80-MeV Alpha Rays. , 2016, , .		1
139	LiF/CaF ₂ /LiBaF ₃ ternary fluoride eutectic scintillator. Japanese Journal of Applied Physics, 2015, 54, 04DH04.	0.8	21
140	Growth and scintillation properties of Ce doped Gd ₂ Si ₂ O ₇ /SiO ₂ eutectics. Journal of Physics: Conference Series, 2015, 619, 012036.	0.3	5
141	Single Crystal Growth and Co-doping Effects of Lanthanum Substituted Gadolinium Pyrosilicate Scintillator. Journal of Physics: Conference Series, 2015, 619, 012034.	0.3	1
142	Crystal Growth of Ca ₃ Nb(Ga _{1-x} Al _x) ₃ Si ₂ O ₁₄ Piezoelectric Single Crystals with Various Al Concentrations. Materials, 2015, 8, 5597-5605.	1.3	20
143	Luminescence properties of Pr-doped (La,Gd) ₂ Si ₂ O ₇ grown by the floating zone method. Japanese Journal of Applied Physics, 2015, 54, 052401.	0.8	7
144	Measurements of acoustical physical constants for Ca ₃ Nb(Ga _{0.75} Al _{0.25}) ₃ Si ₂ O ₁₄ single crystal using the ultrasonic microspectroscopy system. , 2015, , .		

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145	Acoustical physical constants around room temperature for Ca ₃ TaGa _{1.5} Al _{1.5} Si ₂ O ₁₄ single crystal. Electronics Letters, 2015, 51, 1957-1958.	0.5	9
146	Growth of Nd doped (Lu, Gd) ₃ (Ga, Al) ₅ O ₁₂ single crystal by the micro pulling down method and their scintillation properties. Optical Materials, 2015, 41, 32-35.	1.7	4
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