

Yuji Ohashi

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178
papers

1,218
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15
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196
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1,456
ext. citations

2
avg, IF

4.15
L-index

#	Paper	IF	Citations
178	Alkali earth co-doping effects on luminescence and scintillation properties of Ce doped Gd ₃ Al ₂ Ga ₃ O ₁₂ scintillator. <i>Optical Materials</i> , 2015 , 41, 63-66	3.3	98
177	Development of the line-focus-beam ultrasonic material characterization system. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2002 , 49, 99-113	3.2	56
176	Large Size Czochralski Growth and Scintillation Properties of Mg^{2+} Co-doped $\text{Ce}:\text{Gd}_3\text{Ga}_3\text{Al}_2\text{O}_{12}$. <i>IEEE Transactions on Nuclear Science</i> , 2016 , 63, 443-447	1.7	39
175	Ultrasonic Microspectroscopy Characterization of AlN Single Crystals. <i>Applied Physics Express</i> , 2008 , 1, 077004	2.4	32
174	Growth and scintillation properties of 3 in. diameter Ce doped Gd ₃ Ga ₃ Al ₂ O ₁₂ scintillation single crystal. <i>Journal of Crystal Growth</i> , 2016 , 452, 81-84	1.6	30
173	Growth, Structural Considerations, and Characterization of Ce-Doped (La,Gd) ₂ Si ₂ O ₇ Scintillating Crystals. <i>Crystal Growth and Design</i> , 2015 , 15, 1642-1651	3.5	29
172	Ultrasonic microspectroscopy characterization of silica glass. <i>Journal of Applied Physics</i> , 2000 , 87, 3113-3121	3.1	28
171	Improvement of scintillation properties on Ce doped Y ₃ Al ₅ O ₁₂ scintillator by divalent cations co-doping. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 04DH17	1.4	22
170	Evaluation and selection of LiNbO ₃ and LiTaO ₃ substrates for SAW devices by the LFB ultrasonic material characterization system. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2000 , 47, 1068-76	3.2	21
169	Line-focus-beam acoustic microscopy characterization of optical-grade LiTaO ₃ single crystals. <i>Journal of Applied Physics</i> , 2000 , 87, 4395-4403	2.5	20
168	LiF/CaF ₂ /LiBaF ₃ ternary fluoride eutectic scintillator. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 04DH04	1.4	19
167	Co-doping effects on luminescence and scintillation properties of Ce doped Lu ₃ Al ₅ O ₁₂ scintillator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015 , 782, 9-12	1.2	19
166	A Super-Precise CTE Evaluation Method for Ultra-Low-Expansion Glasses Using the LFB Ultrasonic Material Characterization System. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, 4374-4380	1.4	18
165	Development of novel growth methods for halide single crystals. <i>Optical Materials</i> , 2017 , 65, 46-51	3.3	17
164	Influence of reflected waves from the back surface of thin solid-plate specimen on velocity measurements by line-focus-beam acoustic microscopy. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2000 , 47, 274-84	3.2	16
163	2 inch size Czochralski growth and scintillation properties of Li + co-doped Ce:Gd ₃ Ga ₃ Al ₂ O ₁₂ . <i>Optical Materials</i> , 2017 , 65, 52-55	3.3	15
162	Crystal Growth of CaNb(GaAl)BiO Piezoelectric Single Crystals with Various Al Concentrations. <i>Materials</i> , 2015 , 8, 5597-5605	3.5	15

161	Determination of the true congruent composition for LiTaO ₃ single crystals using the LFB ultrasonic material characterization system. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006 , 53, 385-92	3.2	14
160	Evaluation and improvement of optical-grade LiTaO ₃ single crystals by the LFB ultrasonic material characterization system. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2002 , 49, 905-14	3.2	14
159	Improvement of Velocity Measurement Accuracy of Leaky Surface Acoustic Waves for Materials with Highly Attenuated Waveform of the V(z) curve by the Line-Focus-Beam Ultrasonic Material Characterization System. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 4505-4510	1.4	13
158	Standardized evaluation of chemical compositions of LiTaO ₃ single crystals for SAW devices using the LFB ultrasonic material characterization system. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2002 , 49, 454-65	3.2	13
157	Growth and scintillation properties of Eu doped LiSr ₁₃ /LiI eutectics. <i>Optical Materials</i> , 2017 , 68, 70-74	3.3	12
156	Cesium hafnium chloride scintillator coupled with an avalanche photodiode photodetector. <i>Journal of Instrumentation</i> , 2017 , 12, C02042-C02042	1	12
155	Fabrication of Metallic Fibers with High Melting Point and Poor Workability by Unidirectional Solidification. <i>Advanced Engineering Materials</i> , 2018 , 20, 1700506	3.5	12
154	Accurate Calibration Line for Super-Precise Coefficient of Thermal Expansion Evaluation Technology of TiO ₂ -Doped SiO ₂ Ultra-Low-Expansion Glass Using the Line-Focus-Beam Ultrasonic Material Characterization System. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 4511-4515	1.4	12
153	. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2004 , 51, 686-694	3.2	12
152	Effect of Mg co-doping on scintillation properties of Ce:Gd ₃ (Ga, Al) ₅ O ₁₂ single crystals with various Ga/Al ratios. <i>Journal of Crystal Growth</i> , 2017 , 468, 420-423	1.6	11
151	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	1.6	11
150	Luminescence and scintillation properties of Ce doped SrHfO ₃ based eutectics. <i>Optical Materials</i> , 2015 , 41, 41-44	3.3	11
149	Growth of 2 Inch Eu-doped SrI ₂ single crystals for scintillator applications. <i>Journal of Crystal Growth</i> , 2016 , 452, 73-80	1.6	11
148	Development of a novel red-emitting cesium hafnium iodide scintillator. <i>Radiation Measurements</i> , 2019 , 124, 54-58	1.5	10
147	Directionally solidified Eu doped CaF ₂ /Li ₃ AlF ₆ eutectic scintillator for neutron detection. <i>Optical Materials</i> , 2015 , 50, 71-75	3.3	10
146	Fabrication of flexible Ir and Ir-Rh wires and application for thermocouple. <i>Journal of Crystal Growth</i> , 2018 , 487, 72-77	1.6	10
145	Single crystal growth of Ce:Gd ₃ (Ga,Al) ₅ O ₁₂ with various Mg concentration and their scintillation properties. <i>Journal of Crystal Growth</i> , 2017 , 468, 407-410	1.6	10
144	Optimization of Dopants and Scintillation Fibers Diameter of GdAlO ₃ / α -Al ₂ O ₃ Eutectic for High-Resolution X-Ray Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 2036-2040	1.7	10

143	Growth and luminescence properties of Eu-doped HfO ₂ /Al ₂ O ₃ eutectic scintillator. <i>Journal of Rare Earths</i> , 2016 , 34, 796-801	3.7	10
142	Crystal growth and luminescence properties of organic crystal scintillators for γ rays detection. <i>Optical Materials</i> , 2019 , 94, 58-63	3.3	9
141	Growth and characterization of directionally solidified eutectic systems for scintillator applications. <i>Journal of Crystal Growth</i> , 2018 , 498, 170-178	1.6	9
140	Czochralski growth of 2 in. Ca ₃ Ta(Ga,Al) ₃ Si ₂ O ₁₄ single crystals for piezoelectric applications. <i>Journal of Crystal Growth</i> , 2016 , 452, 135-140	1.6	9
139	Effects of Al substitution for Ca ₃ Ta(Ga _{1-x} Al _x) ₃ Si ₂ O ₁₄ piezoelectric single crystals. <i>Journal of Crystal Growth</i> , 2017 , 468, 321-325	1.6	9
138	Ultrasonic Microspectroscopy of ZnO Single Crystals Grown by the Hydrothermal Method. <i>Japanese Journal of Applied Physics</i> , 2010 , 49, 026602	1.4	9
137	Experimental Study for Evaluating Striae Structure of TiO ₂ /BiO ₂ Glasses Using the Line-Focus-Beam Ultrasonic Material Characterization System. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 6445-6451	1.4	9
136	Growth and scintillation properties of Li and Ce co-doped Lu ₃ Al ₅ O ₁₂ scintillator. <i>Journal of Crystal Growth</i> , 2016 , 452, 85-88	1.6	9
135	Growth of 1.5-In Eu : SrI_{2} Single Crystal and Scintillation Properties. <i>IEEE Transactions on Nuclear Science</i> , 2016 , 63, 467-470	1.7	9
134	Effects of dopant distribution improvement on optical and scintillation properties for Ce-doped garnet-type single crystals. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 7151-7156	2.1	8
133	Growth and piezoelectric properties of Ca ₃ Nb(Ga _{1-x} Al _x) ₃ Si ₂ O ₁₄ (x= 0.25 and 0.50) single crystals. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 10ND13	1.4	8
132	Effects of Mg-codoping on luminescence and scintillation properties of Ce doped Lu ₃ (Ga,Al) ₅ O ₁₂ single crystals. <i>Optical Materials</i> , 2017 , 65, 60-65	3.3	8
131	Determination of full material constants of ScAlN thin film from bulk and leaky Lamb waves in MEMS-based samples 2014 ,		8
130	Growth and scintillation properties of Tb doped LiGdF ₄ /LiF eutectic scintillator. <i>Optical Materials</i> , 2016 , 61, 134-138	3.3	8
129	Improvement of dopant distribution in radial direction of single crystals grown by micro-pulling-down method. <i>Journal of Crystal Growth</i> , 2017 , 474, 178-182	1.6	7
128	Single crystal growth and scintillation properties of Ca(Cl, Br, I) ₂ single crystal. <i>Ceramics International</i> , 2017 , 43, S423-S427	5.1	7
127	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	1.6	7
126	Single crystal growth of submillimeter diameter sapphire tube by the micro-pulling down method. <i>Journal of Crystal Growth</i> , 2018 , 492, 45-49	1.6	7

125	Luminescent properties of Cr-doped gallium garnet crystals grown by the micro-pulling-down method. <i>Journal of Crystal Growth</i> , 2016 , 452, 95-100	1.6	7
124	Acoustical physical constants around room temperature for Ca ₃ TaGa _{1.5} Al _{1.5} Si ₂ O ₁₄ single crystal. <i>Electronics Letters</i> , 2015 , 51, 1957-1958	1.1	7
123	Measurements of Acoustical Physical Constants of La ₃ Ta _{0.5} Ga _{5.3} Al _{0.2} Si ₁₄ Single Crystals at High Temperatures. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 09LD09	1.4	7
122	A Promising Method of Evaluating ZnO Single Crystals Using the Line-Focus-Beam Ultrasonic Material-Characterization System. <i>Applied Physics Express</i> , 2009 , 2, 026501	2.4	7
121	Evaluation of glass materials by using the line-focus-beam ultrasonic-material-characterization system. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2005 , 52, 1152-60	3.2	7
120	Ultrasonic microspectroscopy of congruent LiNbO ₃ crystals. <i>Journal of Applied Physics</i> , 2005 , 98, 123507	2.5	7
119	Correction of Velocity Profiles on Thin Specimens Measured by Line-Focus-Beam Acoustic Microscopy. <i>Japanese Journal of Applied Physics</i> , 1999 , 38, L1197-L1200	1.4	7
118	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. <i>Journal of Crystal Growth</i> , 2016 , 452, 141-145	1.6	7
117	Luminescence properties of the Mg co-doped Ce:SrHfO ₃ ceramics prepared by the Spark Plasma Sintering Method. <i>Radiation Measurements</i> , 2016 , 90, 287-291	1.5	7
116	Propagation properties of leaky surface acoustic wave on water-loaded piezoelectric substrate. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 07LC10	1.4	7
115	Effects of Na co-doping on optical and scintillation properties of Eu:LiCaAlF ₆ scintillator single crystals. <i>Journal of Crystal Growth</i> , 2017 , 468, 399-402	1.6	6
114	Development of a real-time dose monitor with Cr-doped Gd ₃ Ga ₅ O ₁₂ infrared scintillator. <i>Radiation Measurements</i> , 2017 , 106, 187-191	1.5	6
113	Growth and scintillation properties of Eu doped BaCl ₂ /LiF eutectic scintillator. <i>Optical Materials</i> , 2015 , 50, 76-80	3.3	6
112	Growth and Scintillation Properties of Directionally Solidified Ce:LaBr ₃ /AEBr ₂ (AE = Mg, Ca, Sr, Ba) Eutectic System. <i>Crystals</i> , 2020 , 10, 584	2.3	6
111	Scintillation properties of Zr co-doped Ce:(Gd, La) ₂ Si ₂ O ₇ grown by the Czochralski process. <i>Radiation Measurements</i> , 2016 , 90, 162-165	1.5	6
110	Comprehensive Study on Ce-Doped (Gd, La) ₂ Si ₂ O ₇ Scintillator. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 2136-2139	1.7	6
109	Growth and high-temperature characterization of langasite-family Ca ₃ NbGa _{3-3x} Al _x Si ₂ O ₁₄ single crystals. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 10ND07	1.4	6
108	. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2003 , 50, 544-552	3.2	6

107	Precise Velocity Measurements for Thin Specimens by Line-Focus-Beam Acoustic Microscopy. <i>Japanese Journal of Applied Physics</i> , 1999 , 38, L89-L91	1.4	6
106	Dependence of acoustic property on Al substitution for Ca ₃ Ta(Ga _{1-x} Al _x) ₃ Si ₂ O ₁₄ single crystals. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 07KB06	1.4	6
105	Crystal growth and luminescence properties of Yb ₂ Si ₂ O ₇ infra-red emission scintillator. <i>Optical Materials</i> , 2016 , 58, 14-17	3.3	6
104	. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 2169-2173	1.7	6
103	Temperature dependence of Ce-doped (Gd 0.6 La 0.4) ₂ Si ₂ O ₇ scintillators. <i>Optical Materials</i> , 2017 , 65, 56-59	3.3	5
102	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	2.4	5
101	Single crystal growth and luminescent properties of Tb doped GdT ₂ O ₇ by the μ -pulling down method. <i>Optical Materials</i> , 2019 , 87, 94-97	3.3	5
100	Evaluation of SiO ₂ Thin films on piezoelectric substrates using line-focus-beam ultrasonic material characterization system. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, SGGA05	1.4	5
99	Growth and scintillation properties of Ce doped Gd ₂ Si ₂ O ₇ /SiO ₂ eutectics. <i>Journal of Physics: Conference Series</i> , 2015 , 619, 012036	0.3	5
98	Luminescence properties of Pr-doped (La,Gd) ₂ Si ₂ O ₇ grown by the floating zone method. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 052401	1.4	5
97	Procedures for determining acoustical physical constants of class 6mm single crystals by ultrasonic microspectroscopy technology. <i>Journal of Applied Physics</i> , 2009 , 105, 114913	2.5	5
96	A Promising Evaluation Method of Ultra-Low-Expansion Glasses for the Extreme Ultra-Violet Lithography System by the Line-Focus-Beam Ultrasonic Material Characterization System. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, L1455-L1457	1.4	5
95	Czochralski growth of 2 in. Ce-doped (La,Gd) ₂ Si ₂ O ₇ for scintillator application. <i>Journal of Crystal Growth</i> , 2016 , 452, 57-64	1.6	5
94	Thermoelectric Properties of Nb-Doped SrTiO ₃ /TiO ₂ Eutectic Solids Fabricated by Unidirectional Solidification. <i>Journal of Electronic Materials</i> , 2019 , 48, 1827-1832	1.9	5
93	Growth and Scintillation Properties of Two-Inch-Diameter SrI ₂ (Eu) Single Crystals. <i>Crystal Growth and Design</i> , 2018 , 18, 3747-3752	3.5	5
92	Growth of LiF/LiBaF ₃ eutectic scintillator crystals and their optical properties. <i>Journal of Materials Science</i> , 2017 , 52, 5531-5536	4.3	4
91	Development and melt growth of novel scintillating halide crystals. <i>Optical Materials</i> , 2017 , 74, 109-119	3.3	4
90	Tungsten co-doping effects on Ce:Gd ₃ Ga ₃ Al ₂ O ₁₂ scintillator grown by the micro-pulling down method. <i>Journal of Crystal Growth</i> , 2020 , 539, 125513	1.6	4

89	Melt growth of zinc aluminate spinel single crystal by the micro-pulling down method under atmospheric pressure. <i>Journal of Crystal Growth</i> , 2018 , 492, 67-70	1.6	4
88	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	5.7	4
87	Effects of Na and K co-doping on growth and scintillation properties of Eu:SrI ₂ crystals. <i>Radiation Measurements</i> , 2016 , 90, 157-161	1.5	4
86	Evaluation method of TiO ₂ -SiO ₂ ultra-low-expansion glasses with periodic striae using the LFB ultrasonic material characterization system. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006 , 53, 1627-36	3.2	4
85	Theoretical and Experimental Considerations on Line-Focus-Beam Acoustic Microscopy for Thin Specimens. <i>Japanese Journal of Applied Physics</i> , 1999 , 38, L342-L344	1.4	4
84	Growth and scintillation properties of Tl-doped CsI/CsCl/NaCl ternary eutectic scintillators. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, SBBK01	1.4	4
83	Measurements of Acoustical Physical Constants of La ₃ Ta _{0.5} Ga _{5.3} Al _{0.2} O ₁₄ Single Crystals at High Temperatures. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 09LD09	1.4	4
82	Co-doping effects on luminescence and scintillation properties of Ce doped (Lu,Gd) ₃ (Ga,Al) ₅ O ₁₂ scintillator. <i>Optical Materials</i> , 2016 , 61, 129-133	3.3	4
81	Growth of platinum fibers using the micro-pulling-down method. <i>Journal of Crystal Growth</i> , 2017 , 468, 403-406	1.6	3
80	Mg co-doping effects on Ce doped Y ₃ (Ga,Al) ₅ O ₁₂ scintillator. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 169, 012013	0.4	3
79	Development of Eu:SrI ₂ Scintillator Array for Gamma-Ray Imaging Applications. <i>IEEE Transactions on Nuclear Science</i> , 2017 , 64, 1647-1651	1.7	3
78	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	1.2	3
77	Bulk Single Crystal Growth of W Co-Doped Ce:Gd ₃ (Ga,Al) ₅ O ₁₂ by Czochralski Method. <i>IEEE Transactions on Nuclear Science</i> , 2020 , 67, 1045-1048	1.7	3
76	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	1.6	3
75	Crystal growth and scintillation properties of Lu substituted CeBr ₃ single crystals. <i>Journal of Crystal Growth</i> , 2016 , 452, 65-68	1.6	3
74	Growth and scintillation properties of praseodymium doped (Lu,Gd) ₃ (Ga,Al) ₅ O ₁₂ single crystals. <i>Journal of Luminescence</i> , 2016 , 169, 811-815	3.8	3
73	Temperature dependence of acoustic property of Ca ₃ Ta(Ga,Al) ₃ Si ₂ O ₁₄ single crystals. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 07JB03	1.4	3
72	Growth of Nd doped (Lu, Gd) ₃ (Ga, Al) ₅ O ₁₂ single crystal by the micro pulling down method and their scintillation properties. <i>Optical Materials</i> , 2015 , 41, 32-35	3.3	3

71	Accurate Velocity Measurement of Periodic Striae of TiO ₂ BiO ₂ Glasses by the Line-Focus-Beam Ultrasonic Material-Characterization System. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 8925-8927	1.4	3
70	Evaluation and selection of EUVL-grade TiO ₂ -SiO ₂ ultra-low-expansion glasses using the line-focus-beam ultrasonic material characterization system 2007 ,		3
69	Super-Accurate Velocity Measurement for Evaluating TiO ₂ -SiO ₂ Ultra-Low-Expansion Glass Using the Line-Focus-Beam Ultrasonic Material Characterization System. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, L1313-L1315	1.4	3
68	Evaluation of Acoustic Properties for CaNb(GaAl)SiO Single Crystal Using the Ultrasonic Microspectroscopy System. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2016 , 63, 1575-1580	3.2	3
67	Growth of N-benzyl-2-methyl-4-nitroaniline (BNA) single crystal fibers by micro-pulling down method. <i>Journal of Crystal Growth</i> , 2016 , 452, 162-165	1.6	3
66	Growth and radioluminescence of metal elements doped LiCaAlF ₆ single crystals for neutron scintillator. <i>Radiation Measurements</i> , 2016 , 90, 170-173	1.5	3
65	High-temperature electrical resistivity and loss tangent of langasite-family Ca ₃ Nb(Ga,Al) ₃ Si ₂ O ₁₄ single crystals. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 11UD04	1.4	3
64	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. <i>Journal of Crystal Growth</i> , 2017 , 468, 376-381	1.6	2
63	The divalent ion codoping effect on Ce-doped (Gd, La) ₂ Si ₂ O ₇ single crystals. <i>Optical Materials</i> , 2017 , 68, 42-46	3.3	2
62	Single-crystal growth, structure and luminescence properties of Cs ₂ HfCl ₃ Br ₃ . <i>Optical Materials</i> , 2020 , 106, 109942	3.3	2
61	Growth and Scintillation Properties of a New Red-Emitting Scintillator Rb ₂ BeF ₄ for the Fiber-Reading Radiation Monitor. <i>IEEE Transactions on Nuclear Science</i> , 2020 , 67, 1055-1062	1.7	2
60	Phase diagram of Ba ₁₂ -Lu ₃ system and growth of Ba ₁₂ /Lu ₃ eutectic scintillator. <i>Journal of Crystal Growth</i> , 2020 , 536, 125573	1.6	2
59	Crystal growth and scintillation properties of Pr-doped SrI ₂ single crystals. <i>Journal of Crystal Growth</i> , 2018 , 487, 126-130	1.6	2
58	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	1.6	2
57	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	1.6	2
56	Crystal Growth and Optical Properties of Organic Crystals for Neutron Scintillators. <i>Plasma and Fusion Research</i> , 2018 , 13, 2405011-2405011	0.5	2
55	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	1.4	2
54	Al-doping effects on mechanical, optical and scintillation properties of Ce:(La,Gd) ₂ Si ₂ O ₇ single crystals. <i>Optical Materials</i> , 2019 , 87, 11-15	3.3	2

53	Al concentration dependence of crystal structure for Ca ₃ Ta(Ga,Al) ₃ Si ₂ O ₁₄ piezoelectric single crystals. <i>Journal of Solid State Chemistry</i> , 2019 , 277, 195-200	3.3	2
52	Growth of Ca ₃ Ta(Ga _{0.5} Al _{0.5}) ₃ Si ₂ O ₁₄ piezoelectric single crystal and the piezoelectric properties 2014 ,		2
51	Crystal growth and piezoelectric properties of Ca ₃ Ta(Ga _{1-x} Sc _x) ₃ Si ₂ O ₁₄ single crystals. <i>Ceramics International</i> , 2017 , 43, S136-S139	5.1	2
50	Crystal growth and optical properties of Gd admixed Ce-doped Lu ₂ Si ₂ O ₇ single crystals. <i>Journal of Crystal Growth</i> , 2017 , 468, 391-394	1.6	2
49	Crystal growth and optical properties of indium doped LiCaAlF ₆ scintillator single crystals. <i>Optical Materials</i> , 2017 , 65, 69-72	3.3	2
48	A novel method of evaluating surface properties of tempered glasses by the ultrasonic microspectroscopy technology 2014 ,		2
47	Surface Acoustic Wave Properties of Amorphous Ta ₂ O ₅ and Nb ₂ O ₅ Thin Films Prepared by Radio Frequency Sputtering. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 07GA01	1.4	2
46	Development of a Micro Line-Focus-Beam Ultrasonic Device. <i>Applied Physics Express</i> , 2009 , 2, 086501	2.4	2
45	. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2004 , 51, 748-755	3.2	2
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38	Microstructure and Mechanical Properties of Platinum Fiber Fabricated by Unidirectional Solidification. <i>Crystals</i> , 2020 , 10, 216	2.3	1
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26	Striae evaluation of TiO ₂ -SiO ₂ ultra-low expansion glasses using the line-focus-beam ultrasonic material characterization system 2006 , 6151, 568		1
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21	Temperature Dependence of Luminescence Properties for Zr Codoped Ce:(Gd, La) ₂ Si ₂ O ₇ Scintillator 2016 ,		1
20	High velocity lamb waves in LiTaO ₃ thin plate for high frequency filters 2016 ,		1
19	Investigation of Material Constants of CaTiO ₃ -Doped (K,Na)NbO ₃ Film by MEMS-Based Test Elements. <i>Micromachines</i> , 2018 , 9,	3.3	1
18	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	1.4	1

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16	Growth and scintillation properties of Tl-doped CsI/KI/KCl ternary eutectics. <i>Journal of Crystal Growth</i> , 2021 , 573, 126287	1.6	1
15	Luminescence study on Eu or Tb doped lanthanum-gadolinium pyrosilicate crystal. <i>Optical Materials</i> , 2015 , 41, 80-83	3.3	0
14	Growth and scintillation properties of directionally solidified Ce:LaCl ₃ /AeCl ₂ (Ae = Mg, Ca, Sr) eutectic Scintillators. <i>Journal of Crystal Growth</i> , 2022 , 584, 126549	1.6	0
13	Growth of Tb-doped BaCl ₂ /NaCl/KCl ternary eutectic and its luminescence properties. <i>Journal of Crystal Growth</i> , 2022 , 580, 126467	1.6	0
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1	Growth of thallium-doped CsI/CsCl/KCl eutectics and their scintillation properties. <i>Optical Materials: X</i> , 2022 , 100159	1.7	