Yuji Ohashi

List of Publications by Year
in descending order

196 papers	1,690 citations	430874 18 h-index	501196 28 g-index
196 all docs	196 docs citations	196 times ranked	743 citing authors

#	Article	IF	Citations
1	Alkali earth co-doping effects on luminescence and scintillation properties of Ce doped Gd3Al2Ga3O12 scintillator. Optical Materials, 2015, 41, 63-66.	3.6	114
2	Development of the line-focus-beam ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2002, 49, 99-113.	3.0	78
3	Large Size Czochralski Growth and Scintillation Properties of. IEEE Transactions on Nuclear Science, 2016, 63, 443-447.	2.0	49
4	Ultrasonic Microspectroscopy Characterization of AlN Single Crystals. Applied Physics Express, 0, 1, 077004.	2.4	46
5	Ultrasonic microspectroscopy characterization of silica glass. Journal of Applied Physics, 2000, 87, 3113-3121.	2.5	40
6	Growth and scintillation properties of 3 in. diameter Ce doped Gd3Ga3Al2O12 scintillation single crystal. Journal of Crystal Growth, 2016, 452, 81-84.	1.5	37
7	Growth, Structural Considerations, and Characterization of Ce-Doped (La,Gd)₂Si₂O₇ Scintillating Crystals. Crystal Growth and Design, 2015, 15, 1642-1651.	3.0	31
8	A Super-Precise CTE Evaluation Method for Ultra-Low-Expansion Glasses Using the LFB Ultrasonic Material Characterization System. Japanese Journal of Applied Physics, 2005, 44, 4374-4380.	1.5	26
9	Evaluation and selection of LiNbO/sub 3/ and LiTaO/sub 3/ substrates for SAW devices by the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2000, 47, 1068-1076.	3.0	25
10	Determination of the true congruent composition for LiTaO/sub 3/ single crystals using the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 385-392.	3.0	23
11	Improvement of scintillation properties on Ce doped Y₃Al₅O₁₂scintillator by divalent cations co-doping. Japanese Journal of Applied Physics, 2015, 54, 04DH17.	1.5	23
12	Growth and scintillation properties of Eu doped LiSrI3/LiI eutectics. Optical Materials, 2017, 68, 70-74.	3.6	23
13	Line-focus-beam acoustic microscopy characterization of optical-grade LiTaO3 single crystals. Journal of Applied Physics, 2000, 87, 4395-4403.	2.5	22
14	Development of novel growth methods for halide single crystals. Optical Materials, 2017, 65, 46-51.	3.6	22
15	LiF/CaF₂/LiBaF₃ ternary fluoride eutectic scintillator. Japanese Journal of Applied Physics, 2015, 54, 04DH04.	1.5	21
16	Co-doping effects on luminescence and scintillation properties of Ce doped Lu3Al5O12 scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 782, 9-12.	1.6	21
17	Crystal Growth of Ca3Nb(Ga1â^'xAlx)3Si2O14 Piezoelectric Single Crystals with Various Al Concentrations. Materials, 2015, 8, 5597-5605.	2.9	20
18	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. Japanese Journal of Applied Physics, 2006, 45, 4505-4510.	1.5	19

#	Article	IF	Citations
19	Fabrication of Metallic Fibers with High Melting Point and Poor Workability by Unidirectional Solidification. Advanced Engineering Materials, 2018, 20, 1700506.	3.5	19
20	2 inch size Czochralski growth and scintillation properties of Li + co-doped Ce:Gd 3 Ga 3 Al 2 O 12. Optical Materials, 2017, 65, 52-55.	3.6	18
21	Influence of reflected waves from the back surface of thin solid-plate specimen on velocity measurements by line-focus-beam acoustic microscopy. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2000, 47, 274-284.	3.0	17
22	Evaluation and improvement of optical-grade LiTaO/sub 3/ single crystals by the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2002, 49, 905-914.	3.0	17
23	Standardized evaluation of chemical compositions of LiTaO/sub 3/ single crystals for SAW devices using the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2002, 49, 454-465.	3.0	17
24	Development of a novel red-emitting cesium hafnium iodide scintillator. Radiation Measurements, 2019, 124, 54-58.	1.4	17
25	Dependence of acoustic property on Al substitution for Ca₃Ta(Ga_{1â^'}) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Journal of Applied Physics, 2016, 55, 07KB06.	1.5	16
26	Growth and scintillation properties of Tb doped LiGdF4/LiF eutectic scintillator. Optical Materials, 2016, 61, 134-138.	3.6	16
27	Growth and luminescent properties of Ce and Eu doped Cesium Hafnium Iodide single crystalline scintillators. Journal of Crystal Growth, 2018, 492, 1-5.	1.5	16
28	Fabrication of flexible Ir and Ir-Rh wires and application for thermocouple. Journal of Crystal Growth, 2018, 487, 72-77.	1.5	16
29	Development of an improved calibration method for the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2004, 51, 686-694.	3.0	15
30	Accurate Calibration Line for Super-Precise Coefficient of Thermal Expansion Evaluation Technology of TiO2-Doped SiO2Ultra-Low-Expansion Glass Using the Line-Focus-Beam Ultrasonic Material Characterization System. Japanese Journal of Applied Physics, 2006, 45, 4511-4515.	1.5	15
31	Single crystal growth of Ce:Gd3(Ga,Al)5O12 with various Mg concentration and their scintillation properties. Journal of Crystal Growth, 2017, 468, 407-410.	1.5	15
32	Growth and characterization of directionally solidified eutectic systems for scintillator applications. Journal of Crystal Growth, 2018, 498, 170-178.	1.5	15
33	Determination of full material constants of ScAlN thin film from bulk and leaky Lamb waves in MEMS-based samples. , 2014, , .		14
34	Luminescence and scintillation properties of Ce dope SrHfO3 based eutectics. Optical Materials, 2015, 41, 41-44.	3.6	14
35	Effect of Mg co-doping on scintillation properties of Ce:Gd3(Ga, Al)5O12 single crystals with various Ga/Al ratios. Journal of Crystal Growth, 2017, 468, 420-423.	1.5	14
36	Effects of Al substitution for Ca3Ta(Ga1â^'Al)3Si2O14 piezoelectric single crystals. Journal of Crystal Growth, 2017, 468, 321-325.	1.5	14

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37	Crystal growth and luminescence properties of organic crystal scintillators for Î±-rays detection. Optical Materials, 2019, 94, 58-63.	3.6	14
38	Fiber-read radiation monitoring system using an optical fiber and red-emitting scintillator for ultra-high-dose conditions. Applied Physics Express, 2020, 13, 047002.	2.4	14
39	Ultrasonic microspectroscopy of congruent LiNbO3 crystals. Journal of Applied Physics, 2005, 98, 123507.	2.5	13
40	Ultrasonic Microspectroscopy of ZnO Single Crystals Grown by the Hydrothermal Method. Japanese Journal of Applied Physics, 2010, 49, 026602.	1.5	13
41	Growth and piezoelectric properties of Ca3Nb(Ga1â^'xAlx)3Si2O14(x= 0.25 and 0.50) single crystals. Japanese Journal of Applied Physics, 2015, 54, 10ND13.	1.5	13
42	Growth and scintillation properties of Li and Ce co-doped Lu3Al5O12 scintillator. Journal of Crystal Growth, 2016, 452, 85-88.	1.5	13
43	Growth of 2 Inch Eu-doped SrI2 single crystals for scintillator applications. Journal of Crystal Growth, 2016, 452, 73-80.	1.5	13
44	Cesium hafnium chloride scintillator coupled with an avalanche photodiode photodetector. Journal of Instrumentation, 2017, 12, C02042-C02042.	1.2	13
45	Optimization of Dopants and Scintillation Fibersâ€™ Diameter of GdAlO₃/$alpha$ -Al₂O₃ Eutectic for High-Resolution X-Ray Imaging. IEEE Transactions on Nuclear Science, 2018, 65, 2036-2040.	2.0	13
46	Li + , Na + and K + co-doping effects on scintillation properties of Ce:Gd 3 Ga 3 Al 2 O 12 single crystals. Journal of Crystal Growth, 2018, 491, 1-5.	1.5	12
47	A Promising Method of Evaluating ZnO Single Crystals Using the Line-Focus-Beam Ultrasonic Material-Characterization System. Applied Physics Express, 0, 2, 026501.	2.4	11
48	Single crystal growth and scintillation properties of Ca(Cl, Br, I)2 single crystal. Ceramics International, 2017, 43, S423-S427.	4.8	11
49	Temperature dependence of acoustic property of Ca₃Ta(Ga,Al)₃Si₂O₁₄single crystals. Japanese Journal of Applied Physics, 2017, 56, 07JB03.	1.5	11
50	Single crystal growth and luminescent properties of Tb doped GdTaO4 by the Î¼-pulling down method. Optical Materials, 2019, 87, 94-97.	3.6	11
51	Evaluation of glass materials by using the line-focus-beam ultrasonic-material-characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2005, 52, 1152-1160.	3.0	10
52	Experimental Study for Evaluating Striae Structure of TiO2â€“SiO2Glasses Using the Line-Focus-Beam Ultrasonic Material Characterization System. Japanese Journal of Applied Physics, 2006, 45, 6445-6451.	1.5	10
53	Directionally solidified Eu doped CaF2/Li3AlF6 eutectic scintillator for neutron detection. Optical Materials, 2015, 50, 71-75.	3.6	10
54	Luminescence properties of the Mg coâ€“doped Ce:SrHfO3 ceramics prepared by the Spark Plasma Sintering Method. Radiation Measurements, 2016, 90, 287-291.	1.4	10

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55	Growth of 1.5-In Eu : Single Crystal and Scintillation Properties. IEEE Transactions on Nuclear Science, 2016, 63, 467-470.	2.0	10
56	Growth and luminescence properties of Eu-doped HfO2/Î±-Al2O3 eutectic scintillator. Journal of Rare Earths, 2016, 34, 796-801.	4.8	10
57	Czochralski growth of 2 in. Ca3Ta(Ga,Al)3Si2O14 single crystals for piezoelectric applications. Journal of Crystal Growth, 2016, 452, 135-140.	1.5	10
58	Effects of Mg-codoping on luminescence and scintillation properties of Ce doped Lu 3 (Ga,Al) 5 O 12 single crystals. Optical Materials, 2017, 65, 60-65.	3.6	10
59	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. Japanese Journal of Applied Physics, 2004, 43, L1455-L1457.	1.5	9
60	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.	1.0	9
61	Crystal growth and luminescence properties of Yb2Si2O7 infra-red emission scintillator. Optical Materials, 2016, 58, 14-17.	3.6	9
62	Single crystal growth of submillimeter diameter sapphire tube by the micro-pulling down method. Journal of Crystal Growth, 2018, 492, 45-49.	1.5	9
63	Propagation properties of leaky surface acoustic wave on water-loaded piezoelectric substrate. Japanese Journal of Applied Physics, 2018, 57, 07LC10.	1.5	9
64	Growth and Scintillation Properties of Two-Inch-Diameter SrI2(Eu) Single Crystals. Crystal Growth and Design, 2018, 18, 3747-3752.	3.0	9
65	Calibration of Curie temperatures for LiTaO/sub 3/ single crystals by the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2003, 50, 544-552.	3.0	8
66	Growth and high-temperature characterization of langasite-family Ca₃NbGa_{3â^'}_xAl_xSi₂O₁₄ single crystals. Japanese Journal of Applied Physics, 2015, 54, 10ND07.	1.5	8
67	Chemical composition characterization of Ca3Ta(Ga0.5Al0.5)3Si2O14 single crystal by the line-focus-beam ultrasonic material characterization system. Journal of Crystal Growth, 2016, 452, 141-145.	1.5	8
68	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.	1.5	8
69	Scintillation properties of Zr co-doped Ce:(Gd, La)2Si2O7 grown by the Czochralski process. Radiation Measurements, 2016, 90, 162-165.	1.4	8
70	Luminescent properties of Cr-doped gallium garnet crystals grown by the micro-pulling-down method. Journal of Crystal Growth, 2016, 452, 95-100.	1.5	8
71	Development of a real-time dose monitor with Cr-doped Gd3Ga5O12 infrared scintillator. Radiation Measurements, 2017, 106, 187-191.	1.4	8
72	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.	2.2	8

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73	Growth and Luminescent Properties of Cs₂HfCl₆ Scintillators Doped With Alkaline Earth Metals. IEEE Transactions on Nuclear Science, 2018, 65, 2169-2173.	2.0	8
74	Growth and scintillation properties of Tl-doped CsI/CsCl/NaCl ternary eutectic scintillators. Japanese Journal of Applied Physics, 2021, 60, SBBK01.	1.5	8
75	Growth and scintillation properties of Ce doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e270" altimg="si3.svg"><mml:msup><mml:mrow /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msup></mml:math>LiBr/LaBr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e278" altimg="si13.svg"><mml:msub><mml:mrow /><mml:mrow /></mml:msub></mml:math>	1.6	8
76	Correction of Velocity Profiles on Thin Specimens Measured by Line-Focus-Beam Acoustic Microscopy. Japanese Journal of Applied Physics, 1999, 38, L1197-L1200.	1.5	7
77	Measurements of Acoustical Physical Constants of La$_{3}$Ta$_{0.5}$Ga$_{5.3}$Al$_{0.2}$O$_{14}$ Single Crystals at High Temperatures. Japanese Journal of Applied Physics, 2012, 51, 09LD09.	1.5	7
78	Luminescence properties of Pr-doped (La,Gd)₂Si₂O₇grown by the floating zone method. Japanese Journal of Applied Physics, 2015, 54, 052401.	1.5	7
79	Improvement of dopant distribution in radial direction of single crystals grown by micro-pulling-down method. Journal of Crystal Growth, 2017, 474, 178-182.	1.5	7
80	Comprehensive Study on Ce-Doped (Gd, La)₂Si₂O₇ Scintillator. IEEE Transactions on Nuclear Science, 2018, 65, 2136-2139.	2.0	7
81	Thermoelectric Properties of Nb-Doped SrTiO3/TiO2 Eutectic Solids Fabricated by Unidirectional Solidification. Journal of Electronic Materials, 2019, 48, 1827-1832.	2.2	7
82	Development of double layered thickness-shear resonator using langasite-type piezoelectric single crystal. Japanese Journal of Applied Physics, 2020, 59, SKKC03.	1.5	7
83	Growth and Scintillation Properties of a New Red-Emitting Scintillator Rbâ„Hflâ† for the Fiber-Reading Radiation Monitor. IEEE Transactions on Nuclear Science, 2020, 67, 1055-1062.	2.0	7
84	Growth and Scintillation Properties of Directionally Solidified Ce:LaBr3/AEBr2 (AE = Mg, Ca, Sr, Ba) Eutectic System. Crystals, 2020, 10, 584.	2.2	7
85	Tungsten co-doping effects on Ce:Gd3Ga3Al2O12 scintillator grown by the micro-pulling down method. Journal of Crystal Growth, 2020, 539, 125513.	1.5	7
86	Precise Velocity Measurements for Thin Specimens by Line-Focus-Beam Acoustic Microscopy. Japanese Journal of Applied Physics, 1999, 38, L89-L91.	1.5	6
87	Evaluation method of TiO/sub 2/-SiO/sub 2/ ultra-low-expansion glasses with periodic striae using the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 1627-1636.	3.0	6
88	Procedures for determining acoustical physical constants of class 6mm single crystals by ultrasonic microspectroscopy technology. Journal of Applied Physics, 2009, 105, .	2.5	6
89	Growth and scintillation properties of Eu doped BaCl2/LiF eutectic scintillator. Optical Materials, 2015, 50, 76-80.	3.6	6
90	Czochralski growth of 2 in. Ce-doped (La,Gd)2Si2O7 for scintillator application. Journal of Crystal Growth, 2016, 452, 57-64.	1.5	6

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91	Effects of Na co-doping on optical and scintillation properties of Eu:LiCaAlF6 scintillator single crystals. Journal of Crystal Growth, 2017, 468, 399-402.	1.5	6
92	Temperature dependence of Ce-doped (Gd 0.6 La 0.4) 2 Si 2 O 7 scintillators. Optical Materials, 2017, 65, 56-59.	3.6	6
93	Growth of LiF/LiBaF3 eutectic scintillator crystals and their optical properties. Journal of Materials Science, 2017, 52, 5531-5536.	3.7	6
94	Evaluation of SiO2 Thin films on piezoelectric substrates using line-focus-beam ultrasonic material characterization system. Japanese Journal of Applied Physics, 2019, 58, SGGA05.	1.5	6
95	Measurements of Acoustical Physical Constants of La3Ta0.5Ga5.3Al0.2O14Single Crystals at High Temperatures. Japanese Journal of Applied Physics, 2012, 51, 09LD09.	1.5	6
96	Crystal growth of La2Hf2O7 by micro-pulling-down method using W crucible. Journal of Crystal Growth, 2022, 583, 126547.	1.5	6
97	Growth and scintillation properties of LiBr/CeBr₃ eutectic scintillator for neutron detection. Japanese Journal of Applied Physics, 2022, 61, SC1028.	1.5	6
98	Super-Accurate Velocity Measurement for Evaluating TiO2-SiO2Ultra-Low-Expansion Glass Using the Line-Focus-Beam Ultrasonic Material Characterization System. Japanese Journal of Applied Physics, 2005, 44, L1313-L1315.	1.5	5
99	Accurate Velocity Measurement of Periodic Striae of TiO2â€“SiO2Glasses by the Line-Focus-Beam Ultrasonic Material-Characterization System. Japanese Journal of Applied Physics, 2006, 45, 8925-8927.	1.5	5
100	Evaluation and selection of EUVL-grade TiO2-SiO2 ultra-low-expansion glasses using the line-focus-beam ultrasonic material characterization system. , 2007, , .		5
101	Growth and scintillation properties of Ce doped Gd2Si2O7/SiO2eutectics. Journal of Physics: Conference Series, 2015, 619, 012036.	0.4	5
102	Evaluation of Acoustic Properties for Ca₃Nb(Ga_{0.75}Al_{0.25})₃Si₂O₁₄Single Crystal Using the Ultrasonic Microspectroscopy System. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 1575-1580.	3.0	5
103	Co-doping effects on luminescence and scintillation properties of Ce doped (Lu,Gd)3(Ga,Al)5O12 scintillator. Optical Materials, 2016, 61, 129-133.	3.6	5
104	Growth of platinum fibers using the micro-pulling-down method. Journal of Crystal Growth, 2017, 468, 403-406.	1.5	5
105	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.	1.5	5
106	Crystal structure of Ce-doped (La,Gd)2Si2O7 grown by the Czochralski process. Journal of Alloys and Compounds, 2018, 748, 404-410.	5.5	5
107	Single-crystal growth, structure and luminescence properties of Cs2HfCl3Br3. Optical Materials, 2020, 106, 109942.	3.6	5
108	Bulk Single Crystal Growth of W Co-Doped Ce:Gdâ‚ƒGaâ‚ƒAlâ‚„Oâ‚â‚‚, by Czochralski Method. IEEE Transactions on Nuclear Science, 2020, 67, 1045-1048.	2.0	5

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109	Crystal growth and scintillation properties of tube shape-controlled Ce-doped Y₃Al₅O₁₂ single crystals grown by micro-pulling-down method. Applied Physics Express, 2020, 13, 125503.	2.4	5
110	Large size growth of terbium doped BaCl2/NaCl/KCl eutectic for radiation imaging. Japanese Journal of Applied Physics, 0, , .	1.5	5
111	Theoretical and Experimental Considerations on Line-Focus-Beam Acoustic Microscopy for Thin Specimens. Japanese Journal of Applied Physics, 1999, 38, L342-L344.	1.5	4
112	Evaluation of mass-produced commercial LiTaO/sub 3/ single crystals using the LFB ultrasonic material characterization system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2004, 51, 748-755.	3.0	4
113	Growth of Nd doped (Lu, Gd)3(Ga, Al)5O12 single crystal by the micro pulling down method and their scintillation properties. Optical Materials, 2015, 41, 32-35.	3.6	4
114	Crystal growth and scintillation properties of Lu substituted CeBr3 single crystals. Journal of Crystal Growth, 2016, 452, 65-68.	1.5	4
115	Effects of Na and K co-doping on growth and scintillation properties of Eu:SrI2 crystals. Radiation Measurements, 2016, 90, 157-161.	1.4	4
116	Development and melt growth of novel scintillating halide crystals. Optical Materials, 2017, 74, 109-119.	3.6	4
117	Development of Eu:SrI2 Scintillator Array for Gamma-Ray Imaging Applications. IEEE Transactions on Nuclear Science, 2017, 64, 1647-1651.	2.0	4
118	Crystal Growth and Optical Properties of Organic Crystals for Neutron Scintillators. Plasma and Fusion Research, 2018, 13, 2405011-2405011.	0.7	4
119	Effects of Ca/Sr ratio control on optical and scintillation properties of Eu-doped Li(Ca,Sr)AlF 6 single crystals. Journal of Crystal Growth, 2018, 490, 71-76.	1.5	4
120	Al-doping effects on mechanical, optical and scintillation properties of Ce:(La,Gd)2Si2O7 single crystals. Optical Materials, 2019, 87, 11-15.	3.6	4
121	Al concentration dependence of crystal structure for Ca3Ta(Ga,Al)3Si2O14 piezoelectric single crystals. Journal of Solid State Chemistry, 2019, 277, 195-200.	2.9	4
122	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.	1.5	4
123	Crystal growth and optical properties of a Ce2Si2O7 single crystal. Optical Materials, 2020, 109, 110210.	3.6	4
124	Crystal Growth and Scintillation Properties of Carbazole for Neutron Detection. IEEE Transactions on Nuclear Science, 2020, 67, 1027-1031.	2.0	4
125	Development of a Micro Line-Focus-Beam Ultrasonic Device. Applied Physics Express, 2009, 2, 086501.	2.4	3
126	Surface Acoustic Wave Properties of Amorphous Ta$_{2}$O$_{5}$ and Nb$_{2}$O$_{5}$ Thin Films Prepared by Radio Frequency Sputtering. Japanese Journal of Applied Physics, 2012, 51, 07GA01.	1.5	3

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127	A novel method of evaluating surface properties of tempered glasses by the ultrasonic microspectroscopy technology. , 2014, , .		3
128	Growth of Ca<inf>3</inf>Ta(Ga<inf>0.5</inf>Al<inf>0.5</inf>)<inf>3</inf>Si<inf>2</inf>O<inf>14</inf> piezoelectric single crystal and the piezoelectric properties. , 2014, , .		3
129	Scintillation properties of a La, Lu-admix gadolinium pyrosilicate crystal. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 784, 115-118.	1.6	3
130	Growth and radioluminescence of metal elements doped LiCaAlF6 single crystals for neutron scintillator. Radiation Measurements, 2016, 90, 170-173.	1.4	3
131	Growth and scintillation properties of praseodymium doped (Lu,Gd)3(Ga,Al)5O12 single crystals. Journal of Luminescence, 2016, 169, 811-815.	3.1	3
132	Relationships among chemical composition, lattice constants, and acoustic properties for Ca3Ta(Ga1â^'Al)3Si2O14 single crystals. Journal of Crystal Growth, 2017, 468, 376-381.	1.5	3
133	Mg co-doping effects on Ce doped Y3(Ga,Al)5O12 scintillator. IOP Conference Series: Materials Science and Engineering, 2017, 169, 012013.	0.6	3
134	Crystal growth and optical properties of indium doped LiCaAlF 6 scintillator single crystals. Optical Materials, 2017, 65, 69-72.	3.6	3
135	Crystal growth and scintillation properties of Pr-doped SrI2 single crystals. Journal of Crystal Growth, 2018, 487, 126-130.	1.5	3
136	Crystal growth and temperature dependence of light output of Ce-doped (Gd, La, Y)2Si2O7 single crystals. Journal of Crystal Growth, 2018, 486, 173-177.	1.5	3
137	High-temperature electrical resistivity and loss tangent of langasite-family Ca₃Nb(Ga,Al)₃Si₂O₁₄ single crystals. Japanese Journal of Applied Physics, 2018, 57, 11UD04.	1.5	3
138	Microstructure and Mechanical Properties of Platinum Fiber Fabricated by Unidirectional Solidification. Crystals, 2020, 10, 216.	2.2	3
139	Phase diagram of BaI2-LuI3 system and growth of BaI2/LuI3 eutectic scintillator. Journal of Crystal Growth, 2020, 536, 125573.	1.5	3
140	Control of Microstructure for Co-Cr-Mo Fibers Fabricated by Unidirectional Solidification. Crystals, 2020, 10, 11.	2.2	3
141	Growth and scintillation properties of Tl-doped CsI/KI/KCl ternary eutectics. Journal of Crystal Growth, 2021, 573, 126287.	1.5	3
142	Temperature Characteristics of Resonance Frequency for Double-Layered Thickness-Shear Resonator. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 870-877.	3.0	3
143	Growth of Tb-doped BaCl2/NaCl/KCl ternary eutectic and its luminescence properties. Journal of Crystal Growth, 2022, 580, 126467.	1.5	3
144	Study on acoustical physical constants of ZnO single crystal using the ultrasonic microspectroscopy technology. , 2008, , .		2

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145	Ultrasonic Microspectroscopy Measurement of Fictive Temperature for Synthetic Silica Glass. Applied Physics Express, 2011, 4, 056601.	2.4	2
146	Determination method of acoustical physical constants and their temperature coefficients of La<inf>3</inf>Ta<inf>0.5</inf>Ga<inf>5.3</inf>Al<inf>0.2</inf>O<inf>14</inf> single crystal. , 2012, , .		2
147	Luminescence study on Eu or Tb doped lanthanumâ€“gadolinium pyrosilicate crystal. Optical Materials, 2015, 41, 80-83.	3.6	2
148	Luminescent properties of Gd3(Al,Ga)5O12crystal co-doped with Ce and M4+. Journal of Physics: Conference Series, 2015, 619, 012039.	0.4	2
149	The divalent ion codoping effect on Ce-doped (Gd, La)2Si2O7 single crystals. Optical Materials, 2017, 68, 42-46.	3.6	2
150	Crystal growth and piezoelectric properties of Ca3Ta(Ga1â^'x Scx)3Si2O14 single crystals. Ceramics International, 2017, 43, S136-S139.	4.8	2
151	Crystal growth and optical properties of Gd admixed Ce-doepd Lu2Si2O7 single crystals. Journal of Crystal Growth, 2017, 468, 391-394.	1.5	2
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