Yuji Ohashi

List of Publications by Year in Descending Order

178 papers	1,218 citations	15 h-index	24 g-index
196 ext. papers	1,456 ext. citations	2 avg, IF	4.15 L-index

#	Paper	IF	Citations
178	Growth and scintillation properties of Ce doped 6LiBr/LaBr3 eutectic scintillator for neutron detection. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2022**, 166384	1.2	1
177	Crystal growth of La2Hf2O7 by micro-pulling-down method using W crucible. *Journal of Crystal Growth*, **2022**, 583, 126547	1.6	
176	Growth and scintillation properties of directionally solidified Ce:LaCl3/AECl2 (AE = Mg, Ca, Sr) eutectic Scintillators. *Journal of Crystal Growth*, **2022**, 584, 126549	1.6	0
175	Growth of Tb-doped BaCl2/NaCl/KCl ternary eutectic and its luminescence properties. *Journal of Crystal Growth*, **2022**, 580, 126467	1.6	0
174	Growth and scintillation properties of LiBr/CeBr3 eutectic scintillator for neutron detection. *Japanese Journal of Applied Physics*, **2022**, 61, SC1028	1.4	0
173	Growth of thallium-doped CsI/CsCl/KCl eutectics and their scintillation properties. *Optical Materials: X*, **2022**, 100159	1.7	
172	Growth and scintillation properties of Tl-doped CsI/CsCl/NaCl ternary eutectic scintillators. *Japanese Journal of Applied Physics*, **2021**, 60, SBBK01	1.4	4
171	Novel Method of Search for Transparent Optical Materials with Extremely High Melting Point. *Crystal Growth and Design*, **2021**, 21, 572-578	3.5	
170	Optimum measurement condition for V(x) method using the line-focus-beam ultrasonic-material-characterization system. *Japanese Journal of Applied Physics*, **2021**, 60, 078002	1.4	
169	Crystal Growth of La2Zr2O7 by micro-pulling-down method using Mo and W crucibles. *Journal of Crystal Growth*, **2021**, 126357	1.6	1
168	Crystal growth and optical properties of Ce-doped (La,Y)2Si2O7 single crystal. *Journal of Crystal Growth*, **2021**, 572, 126252	1.6	0
167	Growth and scintillation properties of Tl-doped CsI/KI/KCl ternary eutectics. *Journal of Crystal Growth*, **2021**, 573, 126287	1.6	1
166	Microstructure and Mechanical Properties of Platinum Fiber Fabricated by Unidirectional Solidification. *Crystals*, **2020**, 10, 216	2.3	1
165	Single-crystal growth, structure and luminescence properties of Cs2HfCl3Br3. *Optical Materials*, **2020**, 106, 109942	3.3	2
164	Development of double layered thickness-shear resonator using langasite-type piezoelectric single crystal. *Japanese Journal of Applied Physics*, **2020**, 59, SKKC03	1.4	1
163	Growth and Scintillation Properties of a New Red-Emitting Scintillator RbHfI for the Fiber-Reading Radiation Monitor. *IEEE Transactions on Nuclear Science*, **2020**, 67, 1055-1062	1.7	2
162	Growth and Scintillation Properties of Directionally Solidified Ce:LaBr3/AEBr2 (AE = Mg, Ca, Sr, Ba) Eutectic System. *Crystals*, **2020**, 10, 584	2.3	6

161	Tungsten co-doping effects on Ce:Gd3Ga3Al2O12 scintillator grown by the micro-pulling down method. *Journal of Crystal Growth*, **2020**, 539, 125513	1.6	4
160	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	5
159	Phase diagram of BaI2-LuI3 system and growth of BaI2/LuI3 eutectic scintillator. *Journal of Crystal Growth*, **2020**, 536, 125573	1.6	2
158	Control of Microstructure for Co-Cr-Mo Fibers Fabricated by Unidirectional Solidification. *Crystals*, **2020**, 10, 11	2.3	1
157	Bulk Single Crystal Growth of W Co-Doped Ce:GdGaAlO by Czochralski Method. *IEEE Transactions on Nuclear Science*, **2020**, 67, 1045-1048	1.7	3
156	Development of Gamma-Ray Detector Arrays Consisting of Diced Eu-Doped SrI2 Scintillator Arrays and TSV-MPPC Arrays. *IEEE Transactions on Nuclear Science*, **2020**, 67, 999-1002	1.7	
155	Fast Scanning Method for Measuring Material Homogeneity using the Line-Focus-Beam Ultrasonic-Material-Characterization System **2020**,		1
154	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	2
153	Crystal Growth and Scintillation Properties of Carbazole for Neutron Detection. *IEEE Transactions on Nuclear Science*, **2020**, 67, 1027-1031	1.7	1
152	Relationship Between Li/Ce Concentration and the Luminescence Properties of Codoped Gd3(Ga, Al)5O12:Ce. *Physica Status Solidi (B): Basic Research*, **2020**, 257, 1900504	1.3	2
151	Crystal growth and optical properties of a Ce2Si2O7 single crystal. *Optical Materials*, **2020**, 109, 110210	3.3	1
150	Crystal growth and luminescence properties of organic crystal scintillators for □rays detection. *Optical Materials*, **2019**, 94, 58-63	3.3	9
149	Development of a novel red-emitting cesium hafnium iodide scintillator. *Radiation Measurements*, **2019**, 124, 54-58	1.5	10
148	Al-doping effects on mechanical, optical and scintillation properties of Ce:(La,Gd)2Si2O7 single crystals. *Optical Materials*, **2019**, 87, 11-15	3.3	2
147	Single crystal growth and luminescent properties of Tb doped GdTaO4 by the □pulling down method. *Optical Materials*, **2019**, 87, 94-97	3.3	5
146	Evaluation of SiO2 Thin films on piezoelectric substrates using line-focus-beam ultrasonic material characterization system. *Japanese Journal of Applied Physics*, **2019**, 58, SGGA05	1.4	5
145	Al concentration dependence of crystal structure for Ca3Ta(Ga,Al)3Si2O14 piezoelectric single crystals. *Journal of Solid State Chemistry*, **2019**, 277, 195-200	3.3	2
144	Crystal growth and scintillation properties of Eu-doped Ca(BrxI1□)2 crystals. *Radiation Measurements*, **2019**, 127, 106139	1.5	1

143	Thermoelectric Properties of Nb-Doped SrTiO3/TiO2 Eutectic Solids Fabricated by Unidirectional Solidification. *Journal of Electronic Materials*, **2019**, 48, 1827-1832	1.9	5
142	Crystal growth and scintillation properties of Pr-doped SrI2 single crystals. *Journal of Crystal Growth*, **2018**, 487, 126-130	1.6	2
141	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	1.6	4
140	Growth and characterization of directionally solidified eutectic systems for scintillator applications. *Journal of Crystal Growth*, **2018**, 498, 170-178	1.6	9
139	Crystal structure of Ce-doped (La,Gd)2Si2O7 grown by the Czochralski process. *Journal of Alloys and Compounds*, **2018**, 748, 404-410	5.7	4
138	Growth and luminescent properties of Ce and Eu doped Cesium Hafnium Iodide single crystalline scintillators. *Journal of Crystal Growth*, **2018**, 492, 1-5	1.6	11
137	Fabrication of flexible Ir and Ir-Rh wires and application for thermocouple. *Journal of Crystal Growth* , **2018**, 487, 72-77	1.6	10
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	1.6	2
135	Crystal growth and piezoelectric properties of Ca3Ta(Ga0.9Sc0.1)3Si2O14 bulk single crystal. *Journal of Crystal Growth*, **2018**, 485, 69-72	1.6	2
134	Crystal Growth and Optical Properties of Organic Crystals for Neutron Scintillators. *Plasma and Fusion Research*, **2018**, 13, 2405011-2405011	0.5	2
133	Fabrication of Metallic Fibers with High Melting Point and Poor Workability by Unidirectional Solidification. *Advanced Engineering Materials*, **2018**, 20, 1700506	3.5	12
132	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	1.6	7
131	Mg,Ce co-doped Lu2Gd1(Ga,Al)5O12by micro-pulling down method and their luminescence properties. *Japanese Journal of Applied Physics*, **2018**, 57, 04FJ06	1.4	2
130	Single crystal growth of submillimeter diameter sapphire tube by the micro-pulling down method. *Journal of Crystal Growth*, **2018**, 492, 45-49	1.6	7
129	Effects of Ca/Sr ratio control on optical and scintillation properties of Eu-doped Li(Ca,Sr)AlF6 single crystals. *Journal of Crystal Growth*, **2018**, 490, 71-76	1.6	3
128	Crystal growth, optical properties, and scintillation responses of Pr-doped CeBr3 single crystals. *Japanese Journal of Applied Physics*, **2018**, 57, 070312	1.4	1
127	Comprehensive Study on Ce-Doped (Gd, La)2Si2O7 Scintillator. *IEEE Transactions on Nuclear Science* , **2018**, 65, 2136-2139	1.7	6
126	Optimization of Dopants and Scintillation Fibers□Diameter of GdAlO3/ $alpha$ -Al2O3 Eutectic for High-Resolution X-Ray Imaging. *IEEE Transactions on Nuclear Science*, **2018**, 65, 2036-2040	1.7	10

125	High-temperature electrical resistivity and loss tangent of langasite-family Ca3Nb(Ga,Al)3Si2O14 single crystals. *Japanese Journal of Applied Physics*, **2018**, 57, 11UD04	1.4	3
124	Development and evaluation of ultrasound-facilitated drug delivery device. *Japanese Journal of Applied Physics*, **2018**, 57, 11UD07	1.4	
123	Propagation properties of leaky surface acoustic wave on water-loaded piezoelectric substrate. *Japanese Journal of Applied Physics*, **2018**, 57, 07LC10	1.4	7
122	Investigation of Material Constants of CaTiO3-Doped (K,Na)NbO3 Film by MEMS-Based Test Elements. *Micromachines*, **2018**, 9,	3.3	1
121	Phase formation and crystal growth of Ca3TaAl3Si2O14 piezoelectric single crystal. *Japanese Journal of Applied Physics*, **2018**, 57, 11UD11	1.4	1
120	Growth and Scintillation Properties of Two-Inch-Diameter SrI2(Eu) Single Crystals. *Crystal Growth and Design*, **2018**, 18, 3747-3752	3.5	5
119	. *IEEE Transactions on Nuclear Science*, **2018**, 65, 2169-2173	1.7	6
118	Effects of Na co-doping on optical and scintillation properties of Eu:LiCaAlF6 scintillator single crystals. *Journal of Crystal Growth*, **2017**, 468, 399-402	1.6	6
117	Improvement of dopant distribution in radial direction of single crystals grown by micro-pulling-down method. *Journal of Crystal Growth*, **2017**, 474, 178-182	1.6	7
116	Temperature dependence of Ce-doped (Gd 0.6 La 0.4) 2 Si 2 O 7 scintillators. *Optical Materials*, **2017**, 65, 56-59	3.3	5
115	Relationships among chemical composition, lattice constants, and acoustic properties for Ca3Ta(Ga1-xAlx)3Si2O14 single crystals. *Journal of Crystal Growth*, **2017**, 468, 376-381	1.6	2
114	Growth of platinum fibers using the micro-pulling-down method. *Journal of Crystal Growth*, **2017**, 468, 403-406	1.6	3
113	Mg co-doping effects on Ce doped Y3(Ga,Al)5O12 scintillator. *IOP Conference Series: Materials Science and Engineering*, **2017**, 169, 012013	0.4	3
112	Growth and scintillation properties of Eu doped LiSrI3/LiI eutectics. *Optical Materials*, **2017**, 68, 70-74	3.3	12
111	Growth of LiF/LiBaF3 eutectic scintillator crystals and their optical properties. *Journal of Materials Science*, **2017**, 52, 5531-5536	4.3	4
110	Development of the growth technique on cerium bromide single crystal by Halide-micro-pulling-down method. *Crystal Research and Technology*, **2017**, 52, 1600401	1.3	1
109	Development and melt growth of novel scintillating halide crystals. *Optical Materials*, **2017**, 74, 109-119	3.3	4
108	Single crystal growth and scintillation properties of Ca(Cl, Br, I)2 single crystal. *Ceramics International*, **2017**, 43, S423-S427	5.1	7

107	Cesium hafnium chloride scintillator coupled with an avalanche photodiode photodetector. *Journal of Instrumentation*, **2017**, 12, C02042-C02042	1	12
106	Development of a real-time dose monitor with Cr-doped Gd3Ga5O12 infrared scintillator. *Radiation Measurements*, **2017**, 106, 187-191	1.5	6
105	The divalent ion codoping effect on Ce-doped (Gd, La)2Si2O7 single crystals. *Optical Materials*, **2017**, 68, 42-46	3.3	2
104	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	2.1	8
103	Development of Eu:SrI2 Scintillator Array for Gamma-Ray Imaging Applications. *IEEE Transactions on Nuclear Science*, **2017**, 64, 1647-1651	1.7	3
102	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	1.6	11
101	Ultrasonic microspectroscopy characterization of chemically tempered glass. *Japanese Journal of Applied Physics*, **2017**, 56, 016601	1.4	1
100	Temperature dependence of acoustic property of Ca3Ta(Ga,Al)3Si2O14single crystals. *Japanese Journal of Applied Physics*, **2017**, 56, 07JB03	1.4	3
99	Growth and scintillation properties of Eu and Ce doped LiSrI3 single crystals. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 13157-13160	2.1	
98	Crystal growth and piezoelectric properties of Ca3Ta(Ga1⊠ Scx)3Si2O14 single crystals. *Ceramics International*, **2017**, 43, S136-S139	5.1	2
97	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	1.6	10
96	Development of novel growth methods for halide single crystals. *Optical Materials*, **2017**, 65, 46-51	3.3	17
95	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	3.3	15
94	Effects of Al substitution for Ca3Ta(Ga1⊠Alx)3Si2O14 piezoelectric single crystals. *Journal of Crystal Growth*, **2017**, 468, 321-325	1.6	9
93	Crystal growth and optical properties of Gd admixed Ce-doepd Lu2Si2O7 single crystals. *Journal of Crystal Growth*, **2017**, 468, 391-394	1.6	2
92	Crystal growth and optical properties of indium doped LiCaAlF 6 scintillator single crystals. *Optical Materials*, **2017**, 65, 69-72	3.3	2
91	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	3.3	8
90	Engineering of Eu dopant segregation in colquiriite-type fluoride single crystal scintillators. *AIP Advances*, **2017**, 7, 125312	1.5	1

89	Optical and scintillation properties of Sr3BGa3Si2O14 (B= Nb, Ta) single crystals. *Radiation Measurements*, **2016**, 90, 334-337	1.5	
88	Single Crystal Growth of Cerium and Praseodymium Doped $\text{YCa}_\text{4}\text{O}\{(\text{BO}_\text{3})_\text{3}\}$ Scintillator by Micro-Pulling Down Method. *IEEE Transactions on Nuclear Science*, **2016**, 63, 486-489	1.7	1
87	Crystal growth and scintillation properties of Lu substituted CeBr3 single crystals. *Journal of Crystal Growth*, **2016**, 452, 65-68	1.6	3
86	Scintillation properties of Zr co-doped Ce:(Gd, La)2Si2O7 grown by the Czochralski process. *Radiation Measurements*, **2016**, 90, 162-165	1.5	6
85	Luminescent properties of Cr-doped gallium garnet crystals grown by the micro-pulling-down method. *Journal of Crystal Growth*, **2016**, 452, 95-100	1.6	7
84	Czochralski growth of 2 in. Ca3Ta(Ga,Al)3Si2O14 single crystals for piezoelectric applications. *Journal of Crystal Growth*, **2016**, 452, 135-140	1.6	9
83	Effects of Na and K co-doping on growth and scintillation properties of Eu:SrI2 crystals. *Radiation Measurements*, **2016**, 90, 157-161	1.5	4
82	Growth and scintillation properties of praseodymium doped (Lu,Gd)3(Ga,Al)5O12 single crystals. *Journal of Luminescence*, **2016**, 169, 811-815	3.8	3
81	Temperature Dependence of Luminescence Properties for Zr Codoped Ce:(Gd, La)2Si2O7 Scintillator **2016**,		1
80	Evaluation of Acoustic Properties for CaNb(GaAl)SiO Single Crystal Using the Ultrasonic Microspectroscopy System. *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*, **2016**, 63, 1575-1580	3.2	3
79	Dependence of acoustic property on Al substitution for Ca3Ta(Ga1−xAlx)3Si2O14single crystals. *Japanese Journal of Applied Physics*, **2016**, 55, 07KB06	1.4	6
78	High velocity lamb waves in LiTaO3 thin plate for high frequency filters **2016**,		1
77	Growth and scintillation properties of 3 in. diameter Ce doped Gd3Ga3Al2O12 scintillation single crystal. *Journal of Crystal Growth*, **2016**, 452, 81-84	1.6	30
76	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	1.6	7
75	Crystal growth and luminescence properties of Yb2Si2O7 infra-red emission scintillator. *Optical Materials*, **2016**, 58, 14-17	3.3	6
74	Large Size Czochralski Growth and Scintillation Properties of Mg^{2+} Co-doped $\text{Ce}:\text{Gd}_{3}\text{Ga}_{3}\text{Al}_{2}\text{O}_{12}$. *IEEE Transactions on Nuclear Science*, **2016**, 63, 443-447	1.7	39
73	Luminescence properties of the Mg co-doped Ce:SrHfO3 ceramics prepared by the Spark Plasma Sintering Method. *Radiation Measurements*, **2016**, 90, 287-291	1.5	7
72	Growth and scintillation properties of Li and Ce co-doped Lu3Al5O12 scintillator. *Journal of Crystal Growth*, **2016**, 452, 85-88	1.6	9

71	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	1.6	3
70	Growth of 2 Inch Eu-doped SrI2 single crystals for scintillator applications. *Journal of Crystal Growth* , **2016**, 452, 73-80	1.6	11
69	Growth and radioluminescence of metal elements doped LiCaAlF6 single crystals for neutron scintillator. *Radiation Measurements*, **2016**, 90, 170-173	1.5	3
68	Growth of 1.5-In Eu : ${rm SrI}_{2}$ Single Crystal and Scintillation Properties. *IEEE Transactions on Nuclear Science*, **2016**, 63, 467-470	1.7	9
67	Czochralski growth of 2 in. Ce-doped (La,Gd)2Si2O7 for scintillator application. *Journal of Crystal Growth*, **2016**, 452, 57-64	1.6	5
66	Growth and scintillation properties of Tb doped LiGdF4/LiF eutectic scintillator. *Optical Materials*, **2016**, 61, 134-138	3.3	8
65	Co-doping effects on luminescence and scintillation properties of Ce doped (Lu,Gd)3(Ga,Al)5O12 scintillator. *Optical Materials*, **2016**, 61, 129-133	3.3	4
64	Growth and luminescence properties of Eu-doped HfO2/Al2O3 eutectic scintillator. *Journal of Rare Earths*, **2016**, 34, 796-801	3.7	10
63	Luminescence study on Eu or Tb doped lanthanumgadolinium pyrosilicate crystal. *Optical Materials*, **2015**, 41, 80-83	3.3	0
62	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	1.2	3
61	Nonstochiometry of Lu3Al5O12single crystal and its effects of on luminescence and scintillation properties. *Journal of Physics: Conference Series*, **2015**, 619, 012035	0.3	1
60	Improvement of scintillation properties on Ce doped Y3Al5O12scintillator by divalent cations co-doping. *Japanese Journal of Applied Physics*, **2015**, 54, 04DH17	1.4	22
59	Growth, Structural Considerations, and Characterization of Ce-Doped (La,Gd)2Si2O7Scintillating Crystals. *Crystal Growth and Design*, **2015**, 15, 1642-1651	3.5	29
58	Luminescent properties of Gd3(Al,Ga)5O12crystal co-doped with Ce and M4+. *Journal of Physics: Conference Series*, **2015**, 619, 012039	0.3	1
57	Directionally solidified Eu doped CaF2/Li3AlF6 eutectic scintillator for neutron detection. *Optical Materials*, **2015**, 50, 71-75	3.3	10
56	Growth and piezoelectric properties of Ca3Nb(Ga1Alx)3Si2O14(x= 0.25 and 0.50) single crystals. *Japanese Journal of Applied Physics*, **2015**, 54, 10ND13	1.4	8
55	Growth and scintillation properties of Eu doped BaCl2/LiF eutectic scintillator. *Optical Materials*, **2015**, 50, 76-80	3.3	6
54	Control of zero-crossing temperature of coefficient of thermal expansion and reduction of mechanical residual stress for TiO2SiO2glass optical cavity. *Japanese Journal of Applied Physics*, **2015**, 54, 096702	1.4	1

53	Alkali earth co-doping effects on luminescence and scintillation properties of Ce doped Gd3Al2Ga3O12 scintillator. *Optical Materials*, **2015**, 41, 63-66	3.3	98
52	LiF/CaF2/LiBaF3 ternary fluoride eutectic scintillator. *Japanese Journal of Applied Physics*, **2015**, 54, 04DH04	1.4	19
51	Growth and scintillation properties of Ce doped Gd2Si2O7/SiO2eutectics. *Journal of Physics: Conference Series*, **2015**, 619, 012036	0.3	5
50	Single Crystal Growth and Co-doping Effects of Lanthanum Substituted Gadolinium Pyrosilicate Scintillator. *Journal of Physics: Conference Series*, **2015**, 619, 012034	0.3	1
49	Growth and high-temperature characterization of langasite-family Ca3NbGa3−xAlxSi2O14single crystals. *Japanese Journal of Applied Physics*, **2015**, 54, 10ND07	1.4	6
48	Crystal Growth of Ca3Nb(GaAl)3Si2O14 Piezoelectric Single Crystals with Various Al Concentrations. *Materials*, **2015**, 8, 5597-5605	3.5	15
47	Luminescence properties of Pr-doped (La,Gd)2Si2O7grown by the floating zone method. *Japanese Journal of Applied Physics*, **2015**, 54, 052401	1.4	5
46	Acoustical physical constants around room temperature for Ca3TaGa1.5Al1.5Si2O14 single crystal. *Electronics Letters*, **2015**, 51, 1957-1958	1.1	7
45	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	3.3	3
44	Luminescence and scintillation properties of Ce dope SrHfO3 based eutectics. *Optical Materials*, **2015**, 41, 41-44	3.3	11
43	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	1.2	19
42	Growth of Ca3Ta(Ga0.5Al0.5)3Si2O14 piezoelectric single crystal and the piezoelectric properties **2014**,		2
41	Determination of full material constants of ScAlN thin film from bulk and leaky Lamb waves in MEMS-based samples **2014**,		8
40	A novel method of evaluating surface properties of tempered glasses by the ultrasonic microspectroscopy technology **2014**,		2
39	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	1.4	2
38	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	1.4	7
37	Determination method of acoustical physical constants and their temperature coefficients of La3Ta0.5Ga5.3Al0.2O14 single crystal **2012**,		1
36	Measurements of Acoustical Physical Constants of La3Ta0.5Ga5.3Al0.2O14Single Crystals at High Temperatures. *Japanese Journal of Applied Physics*, **2012**, 51, 09LD09	1.4	4

35	Ultrasonic Microspectroscopy Measurement of Fictive Temperature for Synthetic Silica Glass. *Applied Physics Express*, **2011**, 4, 056601	2.4	1
34	Ultrasonic Microspectroscopy of ZnO Single Crystals Grown by the Hydrothermal Method. *Japanese Journal of Applied Physics*, **2010**, 49, 026602	1.4	9
33	Development of an ultrasonic system for super-precise measurement of zero-CTE temperature of EUVL-grade TiO 2 -SiO 2 ultra-low-expansion glasses **2010**,		1
32	Procedures for determining acoustical physical constants of class 6mm single crystals by ultrasonic microspectroscopy technology. *Journal of Applied Physics*, **2009**, 105, 114913	2.5	5
31	A Promising Method of Evaluating ZnO Single Crystals Using the Line-Focus-Beam Ultrasonic Material-Characterization System. *Applied Physics Express*, **2009**, 2, 026501	2.4	7
30	Development of a Micro Line-Focus-Beam Ultrasonic Device. *Applied Physics Express*, **2009**, 2, 086501	2.4	2
29	Ultrasonic Microspectroscopy Characterization of AlN Single Crystals. *Applied Physics Express*, **2008**, 1, 077004	2.4	32
28	Super-Precise Evaluation of EUVL-grade Ultra-Low-Expansion Glasses Using the Line-Focus-Beam Ultrasonic Material Characterization System. *Journal of the Japan Society for Precision Engineering*, **2008**, 74, 673-678	0.1	
27	Evaluation and selection of EUVL-grade TiO2-SiO2 ultra-low-expansion glasses using the line-focus-beam ultrasonic material characterization system **2007**,		3
26	Experimental Study for Evaluating Striae Structure of TiO2SiO2Glasses Using the Line-Focus-Beam Ultrasonic Material Characterization System. *Japanese Journal of Applied Physics*, **2006**, 45, 6445-6451	1.4	9
25	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	1.4	13
24	Accurate Velocity Measurement of Periodic Striae of TiO2SiO2Glasses by the Line-Focus-Beam Ultrasonic Material-Characterization System. *Japanese Journal of Applied Physics*, **2006**, 45, 8925-8927	1.4	3
23	Determination of the true congruent composition for LiTaO3 single crystals using the LFB ultrasonic material characterization system. *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*, **2006**, 53, 385-92	3.2	14
22	Evaluation method of TiO2-SiO2 ultra-low-expansion glasses with periodic striae using the LFB ultrasonic material characterization system. *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*, **2006**, 53, 1627-36	3.2	4
21	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	1.4	12
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19	Evaluation of glass materials by using the line-focus-beam ultrasonic-material-characterization system. *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*, **2005**, 52, 1152-60	3.2	7
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