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	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
2	Influence of reflected waves at the bonded boundary in double-layered thickness-shear resonator using Î±-quartz. Japanese Journal of Applied Physics, 2022, 61, SG1055.	1.5	1
3	Growth of Tb-doped BaCl2/NaCl/KCl ternary eutectic and its luminescence properties. Journal of Crystal Growth, 2022, 580, 126467.	1.5	3
4	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:mn>3</mml:mn></mml:mrow></mml:ms	1.6	8
5	Crystal growth of La2Hf2O7 by micro-pulling-down method using W crucible. Journal of Crystal Growth, 2022, 583, 126547.	1.5	6
6	Growth and scintillation properties of directionally solidified Ce:LaCl3/AECl2 (AEâ€¯=â€¯Mg, Ca, Sr) eutectic Scintillators. Journal of Crystal Growth, 2022, 584, 126549.	1.5	1
7	Growth and scintillation properties of LiBr/CeBr₃ eutectic scintillator for neutron detection. Japanese Journal of Applied Physics, 2022, 61, SC1028.	1.5	6
8	Growth of thallium-doped CsI/CsCl/KCl eutectics and their scintillation properties. Optical Materials: X, 2022, , 100159.	0.8	0
9	Optimum measurement condition for V(x) method using the line-focus-beam ultrasonic-material-characterization system. Japanese Journal of Applied Physics, 2021, 60, 078002.	1.5	0
10	Crystal growth of La2Zr2O7 by micro-pulling-down method using Mo and W crucibles. Journal of Crystal Growth, 2021, 575, 126357.	1.5	2
11	Crystal growth and optical properties of Ce-doped (La,Y)2Si2O7 single crystal. Journal of Crystal Growth, 2021, 572, 126252.	1.5	1
12	Growth and scintillation properties of Tl-doped CsI/KI/KCl ternary eutectics. Journal of Crystal Growth, 2021, 573, 126287.	1.5	3
13	Growth and scintillation properties of Tl-doped CsI/CsCl/NaCl ternary eutectic scintillators. Japanese Journal of Applied Physics, 2021, 60, SBBK01.	1.5	8
14	Novel Method of Search for Transparent Optical Materials with Extremely High Melting Point. Crystal Growth and Design, 2021, 21, 572-578.	3.0	1
15	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
16	Crystal growth and optical properties of a Ce2Si2O7 single crystal. Optical Materials, 2020, 109, 110210.	3.6	4
17	Microstructure and Mechanical Properties of Platinum Fiber Fabricated by Unidirectional Solidification. Crystals, 2020, 10, 216.	2.2	3
18	Single-crystal growth, structure and luminescence properties of Cs2HfCl3Br3. Optical Materials, 2020, 106, 109942.	3.6	5

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19	Development of double layered thickness-shear resonator using langasite-type piezoelectric single crystal. Japanese Journal of Applied Physics, 2020, 59, SKKC03.	1.5	7
20	Growth and Scintillation Properties of a New Red-Emitting Scintillator Rbâ‚‚HfIâ‚† for the Fiber-Reading Radiation Monitor. IEEE Transactions on Nuclear Science, 2020, 67, 1055-1062.	2.0	7
21	Growth and Scintillation Properties of Directionally Solidified Ce:LaBr3/AEBr2 (AE = Mg, Ca, Sr, Ba) Eutectic System. Crystals, 2020, 10, 584.	2.2	7
22	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
23	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
24	Phase diagram of BaI2-LuI3 system and growth of BaI2/LuI3 eutectic scintillator. Journal of Crystal Growth, 2020, 536, 125573.	1.5	3
25	Control of Microstructure for Co-Cr-Mo Fibers Fabricated by Unidirectional Solidification. Crystals, 2020, 10, 11.	2.2	3
26	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
27	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.	2.0	0
28	Fast Scanning Method for Measuring Material Homogeneity using the Line-Focus-Beam Ultrasonic-Material-Characterization System. , 2020, , .		1
29	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
30	Crystal Growth and Scintillation Properties of Carbazole for Neutron Detection. IEEE Transactions on Nuclear Science, 2020, 67, 1027-1031.	2.0	4
31	Effect of Thickness Ratio of Double Layered Thickness-Shear Resonator on Temperature Characteristics of Resonance Frequency. , 2020, , .		0
32	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
33	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
34	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
35	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
36	Crystal growth and scintillation properties of Eu-doped Ca(BrxI1â€“x)2 crystals. Radiation Measurements, 2019, 127, 106139.	1.4	2

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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	Development of a novel red-emitting cesium hafnium iodide scintillator. Radiation Measurements, 2019, 124, 54-58.	1.4	17
39	Thermoelectric Properties of Nb-Doped SrTiO3/TiO2 Eutectic Solids Fabricated by Unidirectional Solidification. Journal of Electronic Materials, 2019, 48, 1827-1832.	2.2	7
40	Crystal growth and scintillation properties of Pr-doped SrI2 single crystals. Journal of Crystal Growth, 2018, 487, 126-130.	1.5	3
41	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
42	Growth and characterization of directionally solidified eutectic systems for scintillator applications. Journal of Crystal Growth, 2018, 498, 170-178.	1.5	15
43	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
44	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
45	Fabrication of flexible Ir and Ir-Rh wires and application for thermocouple. Journal of Crystal Growth, 2018, 487, 72-77.	1.5	16
46	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
47	Crystal growth and piezoelectric properties of Ca3Ta(Ga0.9Sc0.1)3Si2O14 bulk single crystal. Journal of Crystal Growth, 2018, 485, 69-72.	1.5	2
48	Crystal Growth and Optical Properties of Organic Crystals for Neutron Scintillators. Plasma and Fusion Research, 2018, 13, 2405011-2405011.	0.7	4
49	Fabrication of Metallic Fibers with High Melting Point and Poor Workability by Unidirectional Solidification. Advanced Engineering Materials, 2018, 20, 1700506.	3.5	19
50	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
51	Mg,Ce co-doped Lu₂Gd₁(Ga,Al)₅O₁₂by micro-pulling down method and their luminescence properties. Japanese Journal of Applied Physics, 2018, 57, 04FJ06.	1.5	2
52	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
53	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
54	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

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55	Development and evaluation of ultrasound-facilitated drug delivery device. Japanese Journal of Applied Physics, 2018, 57, 11UD07.	1.5	1
56	Evaluation of Piezoelectric Ta<inf>2</inf>O<inf>5</inf>Thin Films Using Line-Focus-Beam Ultrasonic Material Characterization System. , 2018, , .		0
57	Propagation properties of leaky surface acoustic wave on water-loaded piezoelectric substrate. Japanese Journal of Applied Physics, 2018, 57, 07LC10.	1.5	9
58	Investigation of Material Constants of CaTiO3 Doped (K,Na)NbO3 Film by MEMS-Based Test Elements. Micromachines, 2018, 9, 558.	2.9	1
59	Phase formation and crystal growth of Ca3TaAl3Si2O14 piezoelectric single crystal. Japanese Journal of Applied Physics, 2018, 57, 11UD11.	1.5	2
60	Growth and Scintillation Properties of Two-Inch-Diameter SrI2(Eu) Single Crystals. Crystal Growth and Design, 2018, 18, 3747-3752.	3.0	9
61	Growth and Luminescent Properties of Cs₂HfCl₆ Scintillators Doped With Alkaline Earth Metals. IEEE Transactions on Nuclear Science, 2018, 65, 2169-2173.	2.0	8
62	Crystal growth, optical properties, and scintillation responses of Pr-doped CeBr₃ single crystals. Japanese Journal of Applied Physics, 2018, 57, 070312.	1.5	2
63	Comprehensive Study on Ce-Doped (Gd, La)₂Si₂O₇ Scintillator. IEEE Transactions on Nuclear Science, 2018, 65, 2136-2139.	2.0	7
64	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
65	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
66	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
67	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
68	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
69	Growth of platinum fibers using the micro-pulling-down method. Journal of Crystal Growth, 2017, 468, 403-406.	1.5	5
70	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
71	Growth and scintillation properties of Eu doped LiSrI3/LiI eutectics. Optical Materials, 2017, 68, 70-74.	3.6	23
72	Growth of LiF/LiBaF3 eutectic scintillator crystals and their optical properties. Journal of Materials Science, 2017, 52, 5531-5536.	3.7	6

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73	Development of the growth technique on cerium bromide single crystal by Halideâ€microâ€pullingâ€down method. Crystal Research and Technology, 2017, 52, 1600401.	1.3	1
74	Development and melt growth of novel scintillating halide crystals. Optical Materials, 2017, 74, 109-119.	3.6	4
75	Single crystal growth and scintillation properties of Ca(Cl, Br, I)2 single crystal. Ceramics International, 2017, 43, S423-S427.	4.8	11
76	Cesium hafnium chloride scintillator coupled with an avalanche photodiode photodetector. Journal of Instrumentation, 2017, 12, C02042-C02042.	1.2	13
77	Development of a real-time dose monitor with Cr-doped Gd3Ga5O12 infrared scintillator. Radiation Measurements, 2017, 106, 187-191.	1.4	8
78	The divalent ion codoping effect on Ce-doped (Gd, La)2Si2O7 single crystals. Optical Materials, 2017, 68, 42-46.	3.6	2
79	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
80	Development of Eu:SrI2 Scintillator Array for Gamma-Ray Imaging Applications. IEEE Transactions on Nuclear Science, 2017, 64, 1647-1651.	2.0	4
81	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
82	Temperature dependence of acoustic property of Ca₃Ta(Ga,Al)₃Si₂O₁₄single crystals. Japanese Journal of Applied Physics, 2017, 56, 07JB03.	1.5	11
83	Growth and scintillation properties of Eu and Ce doped LiSrI3 single crystals. Journal of Materials Science: Materials in Electronics, 2017, 28, 13157-13160.	2.2	0
84	Crystal growth and piezoelectric properties of Ca3Ta(Ga1â^'x Scx)3Si2O14 single crystals. Ceramics International, 2017, 43, S136-S139.	4.8	2
85	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
86	Development of novel growth methods for halide single crystals. Optical Materials, 2017, 65, 46-51.	3.6	22
87	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
88	Effects of Al substitution for Ca3Ta(Ga1â^'Al)3Si2O14 piezoelectric single crystals. Journal of Crystal Growth, 2017, 468, 321-325.	1.5	14
89	Crystal growth and optical properties of Gd admixed Ce-doepd Lu2Si2O7 single crystals. Journal of Crystal Growth, 2017, 468, 391-394.	1.5	2
90	Crystal growth and optical properties of indium doped LiCaAlF 6 scintillator single crystals. Optical Materials, 2017, 65, 69-72.	3.6	3

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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.	3.6	10
92	Engineering of Eu dopant segregation in colquiriite-type fluoride single crystal scintillators. AIP Advances, 2017, 7, .	1.3	2
93	Ultrasonic microspectroscopy characterization of chemically tempered glass. Japanese Journal of Applied Physics, 2017, 56, 016601.	1.5	1
94	Temperature Dependence of Luminescence Properties for Zr Codoped Ce:(Gd,â€...La)2Si2O7 Scintillator. , 2016, , .		1
95	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
96	Dependence of acoustic property on Al substitution for Ca₃Ta(Ga_{1â^'}) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Journal of Applied Physics, 2016, 55, 07KB06.	1.5	16
97	High velocity lamb waves in LiTaO3 thin plate for high frequency filters. , 2016, , .		1
98	A<inf>1</inf> mode Lamb wave on thin LiTaO<inf>3</inf> for high frequency acoustic devices. , 2016, , .		0
99	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
100	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
101	Crystal growth and luminescence properties of Yb2Si2O7 infra-red emission scintillator. Optical Materials, 2016, 58, 14-17.	3.6	9
102	Large Size Czochralski Growth and Scintillation Properties of. IEEE Transactions on Nuclear Science, 2016, 63, 443-447.	2.0	49
103	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
104	Growth and scintillation properties of Li and Ce co-doped Lu3Al5O12 scintillator. Journal of Crystal Growth, 2016, 452, 85-88.	1.5	13
105	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
106	Growth of 2 Inch Eu-doped SrI2 single crystals for scintillator applications. Journal of Crystal Growth, 2016, 452, 73-80.	1.5	13
107	Growth and radioluminescence of metal elements doped LiCaAlF6 single crystals for neutron scintillator. Radiation Measurements, 2016, 90, 170-173.	1.4	3
108	Growth of 1.5-In Eu : Single Crystal and Scintillation Properties. IEEE Transactions on Nuclear Science, 2016, 63, 467-470.	2.0	10

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109	Czochralski growth of 2 in. Ce-doped (La,Gd)2Si2O7 for scintillator application. Journal of Crystal Growth, 2016, 452, 57-64.	1.5	6
110	Growth and scintillation properties of Tb doped LiGdF4/LiF eutectic scintillator. Optical Materials, 2016, 61, 134-138.	3.6	16
111	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
112	Growth and luminescence properties of Eu-doped HfO2/Î±-Al2O3 eutectic scintillator. Journal of Rare Earths, 2016, 34, 796-801.	4.8	10
113	Optical and scintillation properties of Sr3BGa3Si2O14 (B= Nb, Ta) single crystals. Radiation Measurements, 2016, 90, 334-337.	1.4	0
114	Al content dependence of acoustic properties for Ca<inf>3</inf>Nb(Ga<inf>1â^'x</inf>Al<inf>x</inf>)<inf>3</inf>Si<inf>2</inf>O<inf>14</inf> single crystals. , 2016, , .		0
115	Single Crystal Growth of Cerium and Praseodymium Doped Scintillator by Micro-Pulling Down Method. IEEE Transactions on Nuclear Science, 2016, 63, 486-489.	2.0	1
116	Crystal growth and scintillation properties of Lu substituted CeBr3 single crystals. Journal of Crystal Growth, 2016, 452, 65-68.	1.5	4
117	Scintillation properties of Zr co-doped Ce:(Gd, La)2Si2O7 grown by the Czochralski process. Radiation Measurements, 2016, 90, 162-165.	1.4	8
118	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
119	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
120	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
121	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
122	LiF/CaF₂/LiBaF₃ ternary fluoride eutectic scintillator. Japanese Journal of Applied Physics, 2015, 54, 04DH04.	1.5	21
123	Evaluation of acoustic properties of (K,Na)NbO<inf>3</inf> film. , 2015, , .		0
124	Growth and scintillation properties of Ce doped Gd2Si2O7/SiO2eutectics. Journal of Physics: Conference Series, 2015, 619, 012036.	0.4	5
125	Single Crystal Growth and Co-doping Effects of Lanthanum Substituted Gadolinium Pyrosilicate Scintillator. Journal of Physics: Conference Series, 2015, 619, 012034.	0.4	1
126	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

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127	Crystal Growth of Ca3Nb(Ga1â^'xAlx)3Si2O14 Piezoelectric Single Crystals with Various Al Concentrations. Materials, 2015, 8, 5597-5605.	2.9	20
128	Luminescence properties of Pr-doped (La,Gd)₂Si₂O₇grown by the floating zone method. Japanese Journal of Applied Physics, 2015, 54, 052401.	1.5	7
129	Measurements of acoustical physical constants for Ca<inf>3</inf>Nb(Ga<inf>0.75</inf>Al<inf>0.25</inf>)<inf>3</inf>Si<inf>2</inf>O single crystal using the ultrasonic microspectroscopy system. , 2015, , .		
130	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
131	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
132	Luminescence and scintillation properties of Ce dope SrHfO3 based eutectics. Optical Materials, 2015, 41, 41-44.	3.6	14
133	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
134	Luminescence study on Eu or Tb doped lanthanumâ€"gadolinium pyrosilicate crystal. Optical Materials, 2015, 41, 80-83.	3.6	2
135	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
136	Nonstochiometry of Lu₃Al₅O₁₂single crystal and its effects of on luminescence and scintillation properties. Journal of Physics: Conference Series, 2015, 619, 012035.	0.4	1
137	Improvement of scintillation properties on Ce doped Y₃Al₅O₁₂scintillator by divalent cations co-doping. Japanese Journal of Applied Physics, 2015, 54, 04DH17.	1.5	23
138	Growth, Structural Considerations, and Characterization of Ce-Doped (La,Gd)₂Si₂O₇ Scintillating Crystals. Crystal Growth and Design, 2015, 15, 1642-1651.	3.0	31
139	Luminescent properties of Gd3(Al,Ga)5O12crystal co-doped with Ce and M4+. Journal of Physics: Conference Series, 2015, 619, 012039.	0.4	2
140	Directionally solidified Eu doped CaF2/Li3AlF6 eutectic scintillator for neutron detection. Optical Materials, 2015, 50, 71-75.	3.6	10
141	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
142	Crystal growth of Ca<inf>3</inf>Nb(Ga<inf>0.75</inf>Al<inf>0.25</inf>)<inf>3</inf>O<inf>14</inf> piezoelectric bulk single crystal. , 2015, , .		
143	Growth and scintillation properties of Eu doped BaCl2/LiF eutectic scintillator. Optical Materials, 2015, 50, 76-80.	3.6	6
144	Control of zero-crossing temperature of coefficient of thermal expansion and reduction of mechanical residual stress for TiO2â€"SiO2glass optical cavity. Japanese Journal of Applied Physics, 2015, 54, 096702.	1.5	1

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145	Homogeneity evaluation 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> single crystal by the line-focus-beam ultrasonic material characterization system. , 2015, , .		0
146	Alkali earth co-doping effects on luminescence and scintillation properties of Ce doped Gd3Al2Ga3O12 scintillator. Optical Materials, 2015, 41, 63-66.	3.6	114
147	Determination of full material constants of ScAlN thin film from bulk and leaky Lamb waves in MEMS-based samples. , 2014, , .		14
148	A novel method of evaluating surface properties of tempered glasses by the ultrasonic microspectroscopy technology. , 2014, , .		3
149	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
150	Growth and physical properties of Al doped Ca<inf>3</inf>NbGa<inf>3</inf>Si<inf>2</inf>O<inf>14</inf> piezoelectric single crystals. , 2014, , .		0
151	Homogeneity improvement of TiO2-SiO2glass synthesized by the soot method and its evaluation using the ultrasonic measurement system. , 2013, , .		0
152	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
153	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
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