Vitalii Gorbenko

List of Publications by Year
in descending order

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139 papers	2,494 citations	218381 26 h-index	276539 41 g-index
140 all docs	140 docs citations	140 times ranked	1203 citing authors

#	Article	IF	Citations
1	Single-crystalline films of Ce-doped YAG and LuAG phosphors: advantages over bulk crystals analogues. Journal of Luminescence, 2005, 114, 85-94.	1.5	172
2	Scintillation properties of Lu3Al5O12:Ce single-crystalline films. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 309-314.	0.7	107
3	Single crystalline film scintillators based on Ce- and Pr-doped aluminium garnets. Radiation Measurements, 2007, 42, 521-527.	0.7	92
4	Luminescence characteristics of Pb2+ centres in undoped and Ce3+-doped Lu3Al5O12 single-crystalline films and Pb2+â†'Ce3+ energy transfer processes. Journal of Luminescence, 2007, 127, 384-390.	1.5	73
5	Luminescence and Tb3+â€“Ce3+â€“Eu3+ ion energy transfer in single-crystalline films of Tb3Al5O12:Ce,Eu garnet. Journal of Luminescence, 2008, 128, 652-660.	1.5	62
6	Luminescence properties of phosphors based on Tb3Al5O12 (TbAG) terbium-aluminum garnet. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 106, 365-374.	0.2	56
7	Growth peculiarities of the (, Yb, Tb, Euâ€“Y) single crystalline film phosphors by liquid phase epitaxy. Radiation Measurements, 2007, 42, 907-910.	0.7	55
8	Peculiarities of luminescence and scintillation properties of YAP:Ce and LuAP:Ce single crystals and single crystalline films. Radiation Measurements, 2007, 42, 528-532.	0.7	55
9	Luminescence of ions in single crystalline films. Radiation Measurements, 2007, 42, 882-886.	0.7	48
10	Luminescence properties of Y3Al5O12:Ce nanoceramics. Journal of Luminescence, 2011, 131, 17-21.	1.5	45
11	Exciton-related luminescence in LuAG:Ce single crystals and single crystalline films. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 1113-1119.	0.8	44
12	Scintillation and luminescent properties of undoped and Ce3+ doped Y2SiO5 and Lu2SiO5 single crystalline films grown by LPE method. Optical Materials, 2012, 34, 1969-1974.	1.7	41
13	High-perfomance Ce-doped multicomponent garnet single crystalline film scintillators. Physica Status Solidi - Rapid Research Letters, 2015, 9, 489-493.	1.2	41
14	Luminescence of Mn2+ ions in Tb3Al5O12 garnet. Journal of Luminescence, 2010, 130, 380-386.	1.5	40
15	Origin of Bi³⁺â€related luminescence centres in Lu₃Al₅O₁₂:Bi and Y₃Al₅O₁₂:Bi single crystalline films and the structure of their relaxed excited states. Physica Status Solidi (B): Basic Research, 2012, 249, 1039-1045.	0.7	40
16	Electronic structure of Ce3+ multicenters in yttrium aluminum garnets. Applied Physics Letters, 2013, 102, .	1.5	40
17	Growth and luminescent properties of Lu2SiO5 and Lu2SiO5:Ce single crystalline films. Optical Materials, 2011, 33, 846-852.	1.7	37
18	Luminescence of dimer lead centers in aluminium perovskites and garnets. Physica Status Solidi (B): Basic Research, 2009, 246, 1318-1326.	0.7	32

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19	Photoluminescence of Lu3Al5O12:Bi and Y3Al5O12:Bi single crystalline films. Radiation Measurements, 2010, 45, 331-335.	0.7	31
20	Luminescence spectroscopy of the Bi3+ single and dimer centers in Y3Al5O12:Bi single crystalline films. Journal of Luminescence, 2010, 130, 1963-1969.	1.5	31
21	Optical, luminescence and scintillation characteristics of Bi-doped LuAG and YAG single crystalline films. Journal Physics D: Applied Physics, 2009, 42, 075501.	1.3	30
22	Growth and luminescent properties of scintillators based on the single crystalline films of Lu3âˆ'xGdxAl5O12:Ce garnet. Materials Research Bulletin, 2015, 64, 355-363.	2.7	30
23	Luminescence and scintillation characteristics of YAG:Ce single crystalline films and single crystals. Radiation Measurements, 2010, 45, 389-391.	0.7	29
24	Rare-earth antisites in lutetium aluminum garnets: Influence on lattice parameter and Ce3+ multicenter structure. Optical Materials, 2014, 36, 1515-1519.	1.7	27
25	Peculiarities of excited state structure and photoluminescence in Bi3+-doped Lu3Al5O12single-crystalline films. Journal of Physics Condensed Matter, 2009, 21, 415502.	0.7	26
26	Growth and luminescent properties of Lu2SiO5:Ce and (Lu1âˆ'xGdx)2SiO5:Ce single crystalline films. Journal of Crystal Growth, 2011, 337, 72-80.	0.7	26
27	Luminescence and energy transfer processes in Ce 3+ activated (Gd,Tb) 3 Al 5 O 12 single crystalline films. Journal of Luminescence, 2017, 188, 60-66.	1.5	26
28	Development of Composite Scintillators Based on Single Crystalline Films and Crystals of Ce³⁺-Doped (Lu,Gd)₃(Al,Ga)₅O₁₂ Mixed Garnet Compounds. Crystal Growth and Design, 2018, 18, 1834-1842.	1.4	26
29	Luminescence spectroscopy of excitons and antisite defects in Lu3Al5O12 single crystals and single-crystal films. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2008, 104, 75-87.	0.2	25
30	The luminescent and scintillation properties of YAlO₃ and YAlO₃:Ce single crystalline films grown by liquid phase epitaxy from BaOâ€based flux. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2586-2592.	0.8	25
31	Growth and luminescence properties of Pr3+-doped single crystalline films of garnets and perovskites. Radiation Measurements, 2010, 45, 461-464.	0.7	25
32	Development of Novel UV Emitting Single Crystalline Film Scintillators. IEEE Transactions on Nuclear Science, 2010, 57, 1335-1342.	1.2	25
33	Time-resolved spectroscopy of exciton states in single crystals and single crystalline films of YAlO₃ and YAlO₃â€‰:â€‰Ce. Journal Physics D: Applied Physics, 2011, 44, 315402.	1.3	25
34	Photoluminescence and excited state structure of Bi3+-related centers in Lu2SiO5:Bi single crystalline films. Journal of Luminescence, 2013, 134, 469-476.	1.5	25
35	Growth and luminescent properties of scintillators based on the single crystalline films of (Lu,Gd)3(Al,Ga)5O12:Ce garnets. Journal of Luminescence, 2016, 169, 828-837.	1.5	25
36	Luminescence of Pb²⁺ ions in YAG:Pb singleâ€crystalline films. Physica Status Solidi (B): Basic Research, 2008, 245, 1618-1622.	0.7	22

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37	Luminescence characteristics of LuAG:Pr and YAG:Pr single crystalline films. Optical Materials, 2009, 31, 1805-1807.	1.7	22
38	Single crystalline film screens for cathode-ray tubes: New life of television scanning optical microscopy. Radiation Measurements, 2007, 42, 933-936.	0.7	21
39	New type of scintillation detectors for biological, medical, and radiation monitoring applications. IEEE Transactions on Nuclear Science, 2004, 51, 1297-1303.	1.2	20
40	Influence of lead-related centers on luminescence of Ce3+ and Pr3+ centers in single crystalline films of aluminium perovskites and garnets. Radiation Measurements, 2010, 45, 415-418.	0.7	19
41	Lu2SiO5:Ce and Y2SiO5:Ce single crystals and single crystalline film scintillators: Comparison of the luminescent and scintillation properties. Radiation Measurements, 2013, 56, 84-89.	0.7	18
42	Luminescent and scintillation properties of Bi3+ doped Y2SiO5 and Lu2SiO5 single crystalline films. Journal of Luminescence, 2014, 154, 525-530.	1.5	18
43	Luminescence and energy transfer processes in (Lu,Tb)3Al5O12 single crystalline films doped with Ce3+. Journal of Luminescence, 2016, 173, 141-148.	1.5	18
44	Growth and luminescent properties of single crystalline films of Ce3+ doped Pr1â^'xLuxAlO3 and Gd1â^'xLuxAlO3 perovskites. Journal of Crystal Growth, 2017, 457, 220-226.	0.7	18
45	Luminescence of Ce3+ multicenters in Ca2+-Mg2+-Si4+ based garnet phosphors. Journal of Luminescence, 2018, 199, 245-250.	1.5	18
46	Intrinsic and defect-related luminescence of YAlO3 and LuAlO3 single crystals and films. Optical Materials, 2018, 86, 376-381.	1.7	18
47	Luminescence of Sc-related centers in single crystalline films of Lu3Al5O12 garnet. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 105-108.	0.8	17
48	Intrinsic luminescence of YAlO3 perovskites. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 963-967.	0.8	17
49	Intrinsic and ${m Ce}^{3+}$-Related Luminescence in Single Crystalline Films and Single Crystals of LuAP and LuAP:Ce Perovskites. IEEE Transactions on Nuclear Science, 2008, 55, 1192-1196.	1.2	17
50	Lu 3 Al 5 O 12 -based materials for high 2D-resolution scintillation detectors. Proceedings of SPIE, 2009, , .	0.8	17
51	Luminescent and scintillation properties of Lu3Al5O12:Sc single crystal and single crystalline films. Optical Materials, 2012, 34, 2080-2085.	1.7	17
52	Epitaxial growth of single crystalline film phosphors based on the Ce³⁺-doped Ca₂YMgScSi₃O₁₂garnet. CrystEngComm, 2017, 19, 3689-3697.	1.3	17
53	Epitaxial growth of single crystalline film scintillating screens based on Eu³⁺ doped RAlO₃ (R = Y, Lu, Gd, Tb) perovskites. CrystEngComm, 2018, 20, 937-945.	1.3	16
54	New silicate based thermographic phosphors Ca3Sc2Si3O12:Dy, Ca3Sc2Si3O12:Dy,Ce and their photoluminescence properties. Journal of Luminescence, 2018, 202, 13-19.	1.5	16

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55	Epitaxial growth of composite scintillators based on Tb3Al5O12â€‰:â€‰Ce single crystalline films and Gd3Al2.5Ga2.5O12â€‰:â€‰Ce crystal substrates. CrystEngComm, 2018, 20, 3994-4002.	1.3	16
56	Bi3+â€“Pr3+ energy transfer processes and luminescent properties of LuAG:Bi,Pr and YAG:Bi,Pr single crystalline films. Journal of Luminescence, 2013, 141, 137-143.	1.5	14
57	OSL dosimetric properties of cerium doped lutetium orthosilicates. Radiation Measurements, 2014, 71, 139-142.	0.7	14
58	Luminescent and scintillation properties of the Ce3+ doped Y3â^'Lu Al5O12:Ce single crystalline films. Journal of Luminescence, 2016, 169, 822-827.	1.5	14
59	The role of Pb2+ ions in the luminescence of LuAG:Ce single crystalline films. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 797-800.	0.8	13
60	Time-resolved luminescent spectroscopy of YAG:Ce single crystal and single crystalline films. Radiation Measurements, 2010, 45, 395-397.	0.7	13
61	High pressure spectroscopy study of SCF Tb₃Al₅O₁₂:Mn. Journal of Physics: Conference Series, 2010, 249, 012015.	0.3	13
62	Photoluminescence and excited state structure in Bi3+-doped Y2SiO5 single crystalline films. Radiation Measurements, 2013, 56, 90-93.	0.7	13
63	Bi3+â€“Ce3+ energy transfer and luminescent properties of LuAG:Bi,Ce and YAG:Bi,Ce single crystalline films. Journal of Luminescence, 2013, 134, 539-543.	1.5	13
64	Multi-component Ce doped (Gd,Y,La,Lu)3(AlGaSc)5O12 garnets â€“ A new story in the development of scintillating single crystalline film screens. Radiation Measurements, 2013, 56, 150-154.	0.7	13
65	Luminescent properties of Al2O3:Ce single crystalline films under synchrotron radiation excitation. Optical Materials, 2016, 59, 141-144.	1.7	13
66	LPE Growth of Single Crystalline Film Scintillators Based on Ce3+ Doped Tb3â^'xGdxAl5â^'yGayO12 Mixed Garnets. Crystals, 2017, 7, 262.	1.0	13
67	Composite scintillators based on the crystals and single crystalline films of LuAG garnet doped with Ce3+, Pr3+ and Sc3+ ions. Optical Materials, 2018, 84, 593-599.	1.7	13
68	Alpha and gamma spectroscopy of composite scintillators based on the LuAG:Pr crystals and single crystalline films of LuAG:Ce and (Lu,Gd,Tb)AG:Ce garnets. Optical Materials, 2019, 96, 109268.	1.7	13
69	LPE growth and study of the Ce³⁺ incorporation in LuAlO₃:Ce single crystalline film scintillators. CrystEngComm, 2019, 21, 3313-3321.	1.3	13
70	Influence of thermal treatment and -radiation on absorption, luminescence and scintillation properties of single crystalline films. Radiation Measurements, 2007, 42, 557-560.	0.7	12
71	Luminescence and ESR characteristics of Î³-irradiated Lu3Al5O12:Ce single crystalline film scintillators. Radiation Measurements, 2010, 45, 419-421.	0.7	12
72	Composition engineering of single crystalline films based on the multicomponent garnet compounds. Optical Materials, 2016, 61, 3-10.	1.7	12

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73	LPE growth of Tb₃Al₅O₁₂:Ce single crystalline film converters for WLED application. CrystEngComm, 2021, 23, 3212-3219.	1.3	12
74	Composite Detectors Based on Single-Crystalline Films and Single Crystals of Garnet Compounds. Materials, 2022, 15, 1249.	1.3	12
75	Luminescence of La3+ and Sc3+ impurity centers in YAlO3 single-crystalline films. Journal of Luminescence, 2008, 128, 595-602.	1.5	11
76	Novel UV-emitting single crystalline film phosphors grown by LPE method. Radiation Measurements, 2010, 45, 444-448.	0.7	11
77	Timeâ€resolved spectroscopy of excitonâ€related states in single crystals and single crystalline films of Lu₃Al₅O₁₂ and Lu₃Al₅O₁₂:Ce. Physica Status Solidi (B): Basic Research, 2011, 248, 1505-1512.	0.7	11
78	Luminescent and scintillation properties of Ce 3+ doped Ca 2 RMgScSi 3 O 12 (R = Y, Lu) single crystalline films. Journal of Luminescence, 2018, 195, 362-370.	1.5	11
79	Composite thermoluminescent detectors based on the Ce3+ doped LuAG/YAG and YAG/LuAG epitaxial structures. Radiation Measurements, 2019, 128, 106124.	0.7	11
80	Liquid phase epitaxy growth of high-performance composite scintillators based on single crystalline films and crystals of LuAG. CrystEngComm, 2020, 22, 3713-3724.	1.3	11
81	Single crystalline thin film screens for cathode ray tubes: possibilities of application, peculiarities, and light parameters. , 1998, , .		10
82	Luminescent properties of the Sc3+ doped single crystalline films of (Y,Lu,La)3(Al,Ga)5O12 multi-component garnets. Optical Materials, 2014, 36, 1760-1764.	1.7	10
83	Luminescent properties and energy transfer processes in YAG:Er single crystalline films. Journal of Luminescence, 2014, 154, 198-203.	1.5	10
84	Scintillating Screens Based on the Single Crystalline Films of Multicomponent Garnets: New Achievements and Possibilities. IEEE Transactions on Nuclear Science, 2016, 63, 497-502.	1.2	10
85	Comparative study of the luminescent properties of oxide compounds under synchrotron radiation excitation: Lu2O3:Eu nanopowders, ceramics and films. Journal of Luminescence, 2018, 199, 461-464.	1.5	10
86	Novel All-Solid-State Composite Scintillators Based on the Epitaxial Structures of LuAG Garnet Doped With Pr, Sc, and Ce Ions. IEEE Transactions on Nuclear Science, 2018, 65, 2114-2119.	1.2	10
87	LPE Growth of Composite Thermoluminescent Detectors Based on the Lu3â^'xGdxAl5O12:Ce Single Crystalline Films and YAG:Ce Crystals. Crystals, 2020, 10, 189.	1.0	10
88	Luminescent properties and energy transfer processes in Ceâ€“Tb doped single crystalline film screens of Lu-based silicate, perovskite and garnet compounds. Radiation Measurements, 2013, 56, 415-419.	0.7	9
89	Comparative study of TL and OSL properties of LSO and LSO:Ce single crystals andÂsingle crystalline films. Radiation Measurements, 2013, 56, 196-199.	0.7	9
90	Comparative analysis of the scintillation and thermoluminescent properties of Ce-doped LSO and YSO crystals and films. Optical Materials, 2014, 36, 1715-1719.	1.7	9

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91	Enhancement of up-conversion luminescence in Er,Ce doped Y3â^'Yb AG single crystalline films. Journal of Luminescence, 2016, 169, 816-821.	1.5	9
92	EPR study of Ce3+ luminescent centers in the Y2SiO5 single crystalline films. Optical Materials, 2017, 72, 833-837.	1.7	9
93	Luminescent properties of (La,Lu,Gd)3(Al,Sc,Ga)5O12:Ce mixed garnets under synchrotron radiation excitation. Journal of Luminescence, 2018, 199, 483-487.	1.5	9
94	High-pressure luminescence spectroscopy of EuAl2O4 phosphor. Radiation Measurements, 2007, 42, 652-656.	0.7	8
95	Growth and luminescent properties of TbAlO₃: Mn singleâ€crystalline films. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 967-973.	0.8	8
96	Luminescent properties of YAlO3:Mn single crystalline films. Optical Materials, 2012, 34, 1979-1983.	1.7	8
97	Luminescence of lead-related centres in single crystalline films of Lu2SiO5. Journal Physics D: Applied Physics, 2012, 45, 355304.	1.3	8
98	Luminescence properties and energy transfer processes in YAG:Yb,Er single crystalline films. Radiation Measurements, 2013, 56, 134-138.	0.7	8
99	Composite Color Converters Based on Tb₃Al₅O₁₂:Ce Singleâ€Crystalline Films and Y₃Al₅O₁₂:Ce Crystal Substrates. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100173.	1.2	8
100	Comparison of the luminescent properties of LuAG:Ce films grown by pulse laser deposition and liquid phase epitaxy methods using synchrotron radiation excitation. Optical Materials, 2020, 105, 109751.	1.7	8
101	Comparison of the luminescent properties of LuAG:Pr nanopowders, crystals and films using synchrotron radiation. Optical Materials, 2017, 66, 271-276.	1.7	7
102	Luminescent properties of Mn-doped Y3Al5O12 single crystalline films. Optical Materials, 2014, 36, 1680-1684.	1.7	6
103	Luminescent and scintillation properties of Sc 3+ and La 3+ doped Y 2 SiO 5 powders and single crystalline films. Journal of Luminescence, 2016, 179, 445-450.	1.5	6
104	Luminescence and origin of lead-related centers in single crystalline films of Y2SiO5 and Lu2SiO5. Radiation Measurements, 2013, 56, 124-128.	0.7	5
105	Luminescent and scintillation properties of YAG:Dy and YAG:Dy,Ce single crystalline films. Radiation Measurements, 2016, 90, 308-313.	0.7	5
106	Electronic structure of Ce3+ in yttrium and lutetium orthoaluminate crystals and single crystal layers. Journal of Alloys and Compounds, 2017, 723, 157-163.	2.8	5
107	Thermoluminescent Properties of Cerium-Doped Lu2SO5 and Y2SiO5 Single Crystalline Films Scintillators Grown from PbO-B2O3 and Bi2O3 Fluxes. Crystals, 2018, 8, 120.	1.0	5
108	New types of composite scintillators based on the single crystalline films and crystals of Gd3(Al,Ga)5O12:Ce mixed garnets. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 264, 114909.	1.7	5

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109	Crystallization and Investigation of the Structural and Optical Properties of Ce3+-Doped Y3â^'xCaxAl5â^'ySiyO12 Single Crystalline Film Phosphors. Crystals, 2021, 11, 788.	1.0	5
110	Growth and luminescent properties of Lu2SiO5and Lu2SiO5:Ce single crystalline films. IOP Conference Series: Materials Science and Engineering, 2010, 15, 012010.	0.3	4
111	Luminescent and scintillation properties of YAG:Tm and YAG:Ce,Tm single crystalline films. Optical Materials, 2014, 36, 1685-1687.	1.7	4
112	Eu3+ multicenter formation and luminescent properties of Ca3Sc2Si3O12:Eu and Ca2YScMgSiO12:Eu single crystalline films. Optical Materials, 2019, 90, 70-75.	1.7	4
113	Study of the luminescence of Eu2+ and Eu3+ states in Ca3Ga2Ge3O12:Eu garnet using synchrotron radiation excitation. Optical Materials, 2020, 99, 109498.	1.7	4
114	Luminescent Properties of Nanopowder and Singleâ€Crystalline Films of TbAG:Ce Garnet. Physica Status Solidi (B): Basic Research, 2020, 257, 1900495.	0.7	4
115	Development of Composite Scintillators Based on the LuAG: Pr Single Crystalline Films and LuAG:Sc Single Crystals. Crystals, 2021, 11, 846.	1.0	4
116	Comparison of the Luminescent Properties of Y₃Al₅O₁₂:Pr Crystals and Films. Acta Physica Polonica A, 2018, 133, 948-953.	0.2	4
117	Equivalence theorem in effective theories. Physical Review D, 2011, 84, .	1.6	3
118	Growth and luminescent properties of (Luâ€"Y)AlO3:Ce single crystalline films. Radiation Measurements, 2013, 56, 159-162.	0.7	3
119	Luminescent and scintillation properties of the Pr3+ doped single crystalline films of Lu3Al5â^'xGaxO12 garnet. Radiation Measurements, 2016, 90, 183-187.	0.7	3
120	Comparison of the luminescent properties of Lu 3 Al 5 O 12 :Pr crystals and films under synchrotron radiation excitation. Journal of Luminescence, 2016, 179, 496-500.	1.5	2
121	Luminescent properties of Tm 3â^'x Lu x Al 5 O 12 :Ce single crystalline films. Optical Materials, 2017, 69, 444-448.	1.7	2
122	Epitaxial growth of single crystalline film scintillators based on the Pr³⁺ doped solid solution of Lu₃Al_{5â^'x}Ga_xO₁₂ garnet. CrystEngComm, 2017, 19, 7031-7040.	1.3	2
123	Epitaxial growth of single-crystalline-film scintillators based on Tb³⁺-doped and Tb³⁺â€"Ce³⁺-codoped Gd_{1â€"x}Lu_xAlO₃ (x = 0â€"1) mixed perovskites. CrystEngComm, 2019, 21, 1433-1441.	1.3	2
124	Influence of high pressure on Eu3+ luminescence in epitaxial RAlO3 (R = Gd, Tb, Lu, Gd0,6Lu0,4, or Y) single crystalline films. Journal of Luminescence, 2020, 220, 116991.	1.5	2
125	Investigations of the influence of Am-241 photons on the measured alpha particle response of luminescent materials. Radiation Measurements, 2020, 134, 106331.	0.7	2
126	Composite Scintillators Based on the Films and Crystals of (Lu,Gd,La)2Si2O7 Pyrosilicates. IEEE Transactions on Nuclear Science, 2020, 67, 994-998.	1.2	2

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127	Development of novel UV emitting single crystalline film scintillators. Journal of Physics: Conference Series, 2011, 289, 012029.	0.3	1
128	Luminescent and scintillation properties of CaWO<inf>4</inf> and CaWO<inf>4</inf>:Bi single crystalline films. , 2014, , .		1
129	Growth and luminescent properties of (Tb,Gd)<inf>3</inf>Al<inf>5</inf>O<inf>12</inf>:Ce single crystalline films. , 2014, , .		1
130	Novel composite color converters based on Tb1.5Gd1.5Al5O12:Ce single crystalline films and Y3Al5O12:Ce crystal substrates. CrystEngComm, 0, , .	1.3	1
131	LPE growth and luminescent properties of Ce doped A<inf>2S</inf>iO<inf>5</inf>:Ce (A = Lu, Gd, Y) single crystalline films. , 2012, , .		0
132	TSL properties of A<inf>2</inf>SiO<inf>5</inf> and A<inf>2</inf>SiO<inf>5</inf>:Ce (A=Y, Lu) single crystals and single crystalline films. , 2012, , .		0
133	Development of single crystalline film scintillators based on the Ce doped multi-component garnet compounds. , 2012, , .		0
134	Growth, luminescent properties and energy transfer processes in (Lu,Tb)<inf>3</inf>Al<inf>5</inf>O<inf>12</inf>:Ce single crystalline films. , 2014, , .		0
135	Ce³⁺ multicenters in selected garnets, perovskites, and glasses. , 2014, , .		0
136	Scintillating screens based on the single crystalline films of orthosilicates and multicomponent garnets. , 2014, , .		0
137	Thermoluminescence properties of LSO:Ce and YSO:Ce films grown from PbO and Bi<inf>2</inf>O<inf>3</inf> fluxes. , 2014, , .		0
138	Luminescent properties of LuAG:Yb and YAG:Yb single crystalline films grown by Liquid Phase Epitaxy method. Radiation Measurements, 2016, 90, 132-135.	0.7	0
139	10.1007/s11449-008-1011-3. , 2010, 104, 75.		0