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List of Publications by Year in descending order

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159
docs citations

159
times ranked

2298
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice dynamical, dielectric, and thermodynamic properties of $\hat{\Gamma}^2$ -Ga ₂ O ₃ from first principles. Applied Physics Letters, 2007, 91, .	1.5	88
2	First-principles study of fluorine-doped zinc oxide. Applied Physics Letters, 2010, 97, .	1.5	72
3	Eu^{3+} -Activated Borogermanate Scintillating Glass with a High Gd_2O_3 Content. Journal of the American Ceramic Society, 2013, 96, 1483-1489.	1.9	67
4	Luminescence behavior of Tb ³⁺ ions in transparent glass and glass-ceramics containing CaF ₂ nanocrystals. Journal of Luminescence, 2009, 129, 773-777.	1.5	60
5	Enhancement of Tb ³⁺ emission by non-radiative energy transfer from Dy ³⁺ in silicate glass. Physica B: Condensed Matter, 2009, 404, 111-114.	1.3	58
6	Luminescence properties of Pr ³⁺ -doped transparent oxyfluoride glass-ceramics containing BaYF ₅ nanocrystals. Journal of Luminescence, 2012, 132, 2531-2536.	1.5	58
7	Green and red upconversion luminescence of Er ³⁺ -doped K _{0.5} Na _{0.5} NbO ₃ ceramics. Ceramics International, 2014, 40, 2581-2584.	2.3	54
8	Effect of codopants on enhanced luminescence of GdTaO ₄ : Eu ³⁺ phosphors. Solid State Communications, 2007, 142, 680-684.	0.9	52
9	Fabrication of highly a-axis-oriented Gd ₂ O ₃ :Eu ³⁺ thick film and its luminescence properties. Optical Materials, 2008, 31, 126-130.	1.7	51
10	Synthesis, structure and X-ray excited luminescence of Ce ³⁺ -doped AREP ₂ O ₇ -type alkali rare earth diphosphates (A=Na, K, Rb, Cs; RE=Y, Lu). Journal of Solid State Chemistry, 2007, 180, 3381-3387.	1.4	50
11	X-ray excited luminescence of cuprous iodide single crystals: On the nature of red luminescence. Applied Physics Letters, 2009, 95, .	1.5	50
12	A promising high-density scintillator of GdTaO ₄ single crystal. CrystEngComm, 2014, 16, 2480.	1.3	47
13	Effect of Zn ²⁺ and Li ⁺ codoping ions on nanosized Gd ₂ O ₃ :Eu ³⁺ phosphor. Journal of Alloys and Compounds, 2007, 440, 341-345.	2.8	46
14	Enhanced light extraction of scintillator using large-area photonic crystal structures fabricated by soft-X-ray interference lithography. Applied Physics Letters, 2015, 106, .	1.5	42
15	Luminescent properties of GdTaO ₄ and GdTaO ₄ : Eu ³⁺ under VUV-UV excitation. Solid State Communications, 2007, 144, 484-487.	0.9	37
16	Enhanced Tb ³⁺ luminescence by non-radiative energy transfer from Gd ³⁺ in silicate glass. Physica B: Condensed Matter, 2010, 405, 569-572.	1.3	36
17	Improvement of light extraction of LYSO scintillator by using a combination of self-assembly of nanospheres and atomic layer deposition. Optics Express, 2015, 23, 7085.	1.7	35
18	Ultra-fast scintillation properties of $\hat{\Gamma}^2$ -Ga ₂ O ₃ single crystals grown by Floating Zone method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 888, 9-12.	0.7	35

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19	First-principles study of oxygen vacancies in Lu ₂ SiO ₅ . Journal of Physics Condensed Matter, 2007, 19, 436215.	0.7	34
20	High-Performance X-ray Detector Based on Single-Crystal β -Ga ₂ O ₃ :Mg. ACS Applied Materials & Interfaces, 2021, 13, 2879-2886.	4.0	34
21	Preparation and Characterization of GdTaO ₄ :Eu ³⁺ Sol-Gel Luminescence Thin Films. Journal of Sol-Gel Science and Technology, 2005, 35, 193-196.	1.1	33
22	Improved light extraction efficiency of cerium-doped lutetium-yttrium oxyorthosilicate scintillator by monolayers of periodic arrays of polystyrene spheres. Applied Physics Letters, 2013, 102, .	1.5	33
23	Highly enhanced luminescence of GdTaO ₄ :Eu ³⁺ phosphors by codoping with Zn ²⁺ ions. Journal of Alloys and Compounds, 2006, 426, 390-394.	2.8	32
24	Enhanced luminescence in transparent glass ceramics containing BaYF ₅ : Ce ³⁺ nanocrystals. Journal of Luminescence, 2012, 132, 750-754.	1.5	32
25	Luminescent properties of Na-codoped Lu ₂ SiO ₅ :Ce phosphor. Journal of Alloys and Compounds, 2010, 502, 190-194.	2.8	31
26	Luminescence characteristics of CuI film by iodine annealing. Journal of Materials Science: Materials in Electronics, 2015, 26, 5092-5096.	1.1	30
27	Dielectric and Structural Properties of Layer-Structured Sr _{1-x} Ca _x Bi ₂ Nb ₂ O ₉ . Journal of the American Ceramic Society, 2008, 91, 2933-2937.	1.9	29
28	Enhanced luminescent properties of Tb ³⁺ ions in transparent glass ceramics containing BaGdF ₅ nanocrystals. Journal of Non-Crystalline Solids, 2012, 358, 77-80.	1.5	29
29	Photoluminescence study of annealing effects on CuI crystals grown by evaporation method. Crystal Research and Technology, 2012, 47, 707-712.	0.6	29
30	Broadband light output enhancement for scintillator using whispering-gallery modes in nanospheres. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1583-1588.	0.8	29
31	Crystal growth and characterization of CuI single crystals by solvent evaporation technique. Materials Research Bulletin, 2010, 45, 636-639.	2.7	27
32	Enhanced luminescence through ion-doping-induced higher energy phonons in GdTaO ₄ :Eu ³⁺ phosphor. Applied Physics Letters, 2009, 94, .	1.5	26
33	Formation energies of antisite defects in Y ₃ Al ₅ O ₁₂ : A first-principles study. Applied Physics Letters, 2009, 94, .	1.5	26
34	Luminescence properties of Li-codoped Lu ₂ SiO ₅ :Ce thin-film phosphors prepared by sol-gel processing. Materials Research Bulletin, 2013, 48, 2370-2374.	2.7	26
35	Performance of columnar CsI(Tl) scintillation films prepared on special pre-deposited layers. Applied Surface Science, 2013, 276, 776-781.	3.1	23
36	Temperature-dependence of X-ray excited luminescence of β -Ga ₂ O ₃ single crystals. Applied Physics Letters, 2019, 115, .	1.5	23

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37	Enhanced luminescence of GdTaO ₄ :Eu ³⁺ thin-film phosphors by K doping. Applied Surface Science, 2007, 253, 4344-4347.	3.1	22
38	Highly enhanced photoluminescence and X-ray excited luminescence of Li doped Gd ₂ O ₃ :Eu ³⁺ thin films. Solid State Communications, 2006, 137, 162-165.	0.9	20
39	Development of ZnO-based nanorod arrays as scintillator layer for ultrafast and high-spatial-resolution X-ray imaging system. Optics Express, 2018, 26, 31290.	1.7	20
40	Band Gap Engineering in $\text{In}^{2-}\text{Ga}^{2-}\text{O}^{3-}$ for a High-Performance X-ray Detector. ACS Applied Electronic Materials, 2021, 3, 4630-4639.	2.0	20
41	High-pressure lattice dynamic and thermodynamic properties of Ir by first-principles calculation. Physica B: Condensed Matter, 2010, 405, 732-737.	1.3	19
42	Structural and electronic properties of CuI doped with Zn, Ga and Al. Journal of Physics and Chemistry of Solids, 2013, 74, 1122-1126.	1.9	19
43	Fabrication and Performance of Columnar CsI(Tl) Scintillation Films With Single Preferred Orientation. IEEE Transactions on Nuclear Science, 2013, 60, 1632-1636.	1.2	19
44	Electrical and luminescence properties of Zn ²⁺ doped CuI thin films. Journal of Materials Science: Materials in Electronics, 2015, 26, 2629-2633.	1.1	19
45	Bulk synthesis of homogeneous and transparent bulk core/multishell quantum dots/PMMA nanocomposites with bright luminescence. Journal of Applied Polymer Science, 2013, 130, 1548-1553.	1.3	18
46	Effect of ZnI ₂ cosolute on quality and performance of In^{3-}CuI ultrafast scintillation crystal grown via evaporation method in acetonitrile solvent. Optical Materials, 2017, 66, 308-313.	1.7	18
47	Dielectric properties of SrBi ₂ xLaxNb ₂ O ₉ (0 ≤ x ≤ 0.35) ceramics. Journal of Alloys and Compounds, 2009, 472, 262-266.	2.8	17
48	Luminescent Properties of $\text{Lu}_2\text{SiO}_5\text{:Ce}$ Phosphors Codoped With Li Ions. IEEE Transactions on Nuclear Science, 2010, 57, 1268-1271.	1.2	17
49	Theoretical study of structural, electronic, lattice dynamical and dielectric properties of SrAl ₂ O ₄ . Journal of Alloys and Compounds, 2011, 509, 4300-4303.	2.8	17
50	Colloidal synthesis of uniform CuI nanoparticles and their size dependent optical properties. Materials Letters, 2013, 100, 166-169.	1.3	17
51	Large CuI crystal growth by evaporation technique and its growth mechanism. CrystEngComm, 2013, 15, 2934.	1.3	17
52	Enhanced X-ray excited luminescence of Ga- and In-doped ZnO nanorods by hydrogen annealing. Materials Research Bulletin, 2017, 86, 173-177.	2.7	17
53	Performance of pixelated CsI scintillation screen with hexagonal array arrangement prepared by vacuum melting injection method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 903, 18-24.	0.7	17
54	Enhanced light extraction of plastic scintillator using large-area photonic crystal structures fabricated by hot embossing. Optics Express, 2018, 26, 11438.	1.7	17

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55	Light extraction enhancement and directional control of scintillator by using microlens arrays. Optics Express, 2018, 26, 23132.	1.7	17
56	Plane-wave pseudopotential study for the structural stability of Hf: The role of spin-orbit interaction. Physica B: Condensed Matter, 2011, 406, 1744-1748.	1.3	16
57	Optical properties of LaCl_3 and LaCl_3 phosphors. Journal of Luminescence, 2015, 161, 422-425.	1.5	15
58	Influence of CeO ₂ on scintillating properties of Tb ³⁺ -doped silicate glasses. Journal of Rare Earths, 2010, 28, 340-344.	2.5	15
59	Simulated performances of pixelated CsI(Tl) scintillation screens with different micro-column shapes and array structures in X-ray imaging. Scientific Reports, 2018, 8, 16819.	1.6	15
60	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate NH ₄ LuP ₂ O ₇ . European Journal of Inorganic Chemistry, 2005, 2005, 4693-4696.	1.0	14
61	Elaboration and characterization of transparent GdTaO ₄ :Tb ³⁺ thick films fabricated by sol-gel process. Journal of Alloys and Compounds, 2010, 501, 371-374.	2.8	14
62	A new red-emitting material K _{0.5} Na _{0.5} NbO ₃ :Eu ³⁺ for white LEDs. Materials Research Bulletin, 2015, 64, 134-138.	2.7	14
63	The mechanism of enhanced luminescence in ion-codoped Lu ₂ SiO ₅ :Ce ³⁺ phosphors. Journal of Luminescence, 2015, 161, 422-425.	1.5	14
64	Guided-mode resonance assisted directional emission of a wavelength-shifting film for application in scintillation detection. Optics Express, 2016, 24, 231.	1.7	14
65	Enhancement of directional broadband luminescence from a scintillation film via guided-mode resonance in a photonic crystal structure. Applied Physics Letters, 2017, 110, 051901.	1.5	14
66	Modified timing characteristic of a scintillation detection system with photonic crystal structures. Optics Letters, 2017, 42, 987.	1.7	14
67	Optical properties of GdTaO ₄ :Eu ³⁺ thick films prepared from a PVP-containing solution. Applied Surface Science, 2009, 255, 4680-4683.	3.1	13
68	Improving image quality of x-ray in-line phase contrast imaging using an image restoration method. Optics Express, 2011, 19, 23460.	1.7	13
69	Enhanced light extraction efficiency for glass scintillator coupled with two-dimensional photonic crystal structure. Optical Materials, 2013, 35, 2343-2346.	1.7	13
70	Sol-gel synthesis and luminescent properties of M ²⁺ -type LuTaO ₄ :Eu ³⁺ phosphors. Journal of Luminescence, 2013, 140, 1-6.	1.5	13
71	Enhanced luminescence induced by change of cerium oxidation states in Li-codoped Lu ₂ SiO ₅ :Ce ³⁺ phosphors. Materials Letters, 2013, 100, 282-284.	1.3	13
72	Large enhancement of X-ray excited luminescence in Ga-doped ZnO nanorod arrays by hydrogen annealing. Applied Surface Science, 2018, 433, 815-820.	3.1	13

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73	Effect of Li doping on the O vacancies in Lu ₂ SiO ₅ :Ce phosphors. <i>Materials Letters</i> , 2018, 228, 372-374.	1.3	13
74	Highly sensitive X-ray detector based on a Ga_2O_3 :Fe single crystal. <i>Optics Express</i> , 2021, 29, 23292.	1.7	13
75	Understanding the growth mechanism of CuI crystals during gel growth experiments. <i>Crystal Research and Technology</i> , 2008, 43, 496-501.	0.6	12
76	Defect formation in chlorine-doped zinc oxide. <i>Solid State Communications</i> , 2013, 171, 30-33.	0.9	12
77	Optimization of crystal growth and properties of CuI ultrafast scintillator by the addition of LiI. <i>Materials Research Bulletin</i> , 2018, 106, 228-233.	2.7	12
78	Enhancement of the near-band-edge emission of CuI by Cl doping. <i>Journal of Luminescence</i> , 2019, 205, 337-341.	1.5	12
79	Polychromatic X-ray in-line phase-contrast tomography for soft tissue. <i>Europhysics Letters</i> , 2012, 98, 14001.	0.7	11
80	The phase transition and elastic and optical properties of polymorphs of CuI. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 475503.	0.7	11
81	Stability and electronic properties of polar and non-polar surfaces of CuI. <i>Applied Surface Science</i> , 2013, 268, 87-91.	3.1	11
82	First-principles study on stability of Li, Na and Ca in Lu ₂ SiO ₅ . <i>Journal of Luminescence</i> , 2013, 139, 1-5.	1.5	11
83	Directional emission of plastic luminescent films using photonic crystals fabricated by soft-X-ray interference lithography and reactive ion etching. <i>Scientific Reports</i> , 2018, 8, 9254.	1.6	11
84	Influence of silicon wall thickness on the performance of structured CsI(Tl) scintillation screen based on oxidized silicon micropore array template in X-ray imaging. <i>Optics Express</i> , 2019, 27, 14871.	1.7	11
85	Enhanced light extraction of Bi ₃ Ge ₄ O ₁₂ scintillator by graded-refractive-index antireflection coatings. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	10
86	A novel LuTaO_4 :Ln ³⁺ (Ln = Eu, Tb) transparent scintillator films. <i>Optical Materials Express</i> , 2014, 4, 172.	1.6	10
87	Characterization and luminescence properties of sol-gel derived LuTaO_4 :Ln ³⁺ (Ln = Pr, Sm,) <small>Tj ETQq_{1,1} 0.784314 rgB / 10</small>	2.7	10
88	Scintillation Properties of Ga_2O_3 Single Crystal Excited by α -Ray. <i>IEEE Transactions on Nuclear Science</i> , 2020, 67, 400-404.	1.2	10
89	Directional Control and Enhancement of Light Output of Scintillators by Using Microlens Arrays. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29473-29480.	4.0	10
90	Laser-excited spectra of Lu ₂ SiO ₅ :Ce scintillator. <i>Journal of Luminescence</i> , 2007, 127, 645-649.	1.5	9

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91	Crystal growth and luminescence properties of CuI single crystals. <i>Optik</i> , 2014, 125, 1007-1010.	1.4	9
92	Fabrication and Performance of CsI(Tl) Scintillation Films With Pixel-Like Columnar-Matrix Structure. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 699-703.	1.2	9
93	X-ray excited luminescence of Ga- and In-doped ZnO microrods by annealing treatment. <i>Superlattices and Microstructures</i> , 2016, 98, 351-358.	1.4	9
94	Plasmonic lattice resonance-enhanced light emission from plastic scintillators by periodical Ag nanoparticle arrays. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	9
95	Enhanced Stability of Phosphorene/Graphene Heterostructures. <i>Advanced Theory and Simulations</i> , 2019, 2, 1800176.	1.3	9
96	Influence of Sb and Y co-doping on properties of PbWO ₄ crystal. <i>Journal of Crystal Growth</i> , 2005, 275, 474-480.	0.7	8
97	The influence of concentration and supersaturation ratio of CuI-HI on CuI crystal growth by decomplexation method. <i>Crystal Research and Technology</i> , 2010, 45, 365-370.	0.6	8
98	The effects of GeO ₂ adulterant on the luminescence properties of Tb-doped silicate glasses. <i>Optical Materials</i> , 2010, 32, 1022-1027.	1.7	8
99	Mechanism of band-edge luminescence in cuprous iodide single crystals. <i>Journal of Alloys and Compounds</i> , 2014, 617, 170-173.	2.8	8
100	AAO-assisted synthesis of CuI nanowires by vacuum melting and gas pressure injection. <i>Materials Letters</i> , 2015, 153, 14-17.	1.3	8
101	Fabrication and X-Ray Excited Luminescence of Ga- and In-Doped ZnO Nanorods. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 471-474.	1.2	8
102	Template synthesis and luminescence of ordered Lu ₃ Al ₅ O ₁₂ :Ce ³⁺ nanowire arrays. <i>Materials Letters</i> , 2016, 166, 158-162.	1.3	8
103	Ultraviolet-light emission enhancement and morphology stability for ZnO:Ga nanorod array treated by hydrogen plasma. <i>Applied Surface Science</i> , 2019, 493, 1299-1305.	3.1	8
104	Performance of a CsI(Tl) scintillation screen with a dual-periodic structure based on an oxidized silicon micropore array template in X-ray imaging. <i>Optics Express</i> , 2021, 29, 23752.	1.7	8
105	The influence of CuI-HI complex distribution on CuI crystal growth with decomplexation method in silica gel. <i>Journal of Crystal Growth</i> , 2006, 292, 74-77.	0.7	7
106	Directional emission of quantum dot scintillators controlled by photonic crystals. <i>Applied Physics Letters</i> , 2017, 111, 081904.	1.5	7
107	Enhanced light extraction efficiency of plastic scintillator by photonic crystal prepared with a self-assembly method. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 795, 305-308.	0.7	6
108	Improved light extraction of LYSO scintillator by the photonic structure from a layer of anodized aluminum oxide. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 786, 1-4.	0.7	6

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109	Effect of a conformal layer on the photonic crystal for light extraction of scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 950, 162953.	0.7	6
110	Indicator to estimate temperature sensitivity of resonance in temperature measurement by neutron resonance spectroscopy. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 528-538.	0.6	5
111	First-principles calculations of oxygen vacancies and cerium substitution in lutetium pyrosilicate. Journal of Luminescence, 2012, 132, 164-170.	1.5	5
112	Phase transition and elastic and optical properties of Lu ₂ SiO ₅ . Optical Materials, 2013, 35, 1659-1663.	1.7	5
113	Sol-Gel Template Synthesis and Characterization of Lu ₂ O ₃ :Eu ³⁺ Nanowire Arrays. Micromachines, 2018, 9, 601.	1.4	5
114	Phosphorene as cathode for metal-ion batteries: Importance of F decoration. Materials Today Energy, 2018, 10, 141-145.	2.5	5
115	Stability and electronic properties of O vacancies and Ce ⁴⁺ in Lu ₂ SiO ₅ tuned by C doping. Optical Materials, 2019, 93, 15-18.	1.7	5
116	Improved light output from thick \hat{I}^2 -Ga ₂ O ₃ scintillation crystals via graded-refractive-index photonic crystals. Optics Express, 2021, 29, 18646.	1.7	5
117	One-dimensional heterostructural metallodielectric photonic band gap material for the modification of emission spectrum of BaF ₂ scintillator. Applied Physics Letters, 2004, 85, 4337.	1.5	4
118	Positron annihilation study of PbWO ₄ crystal doped with Y ₂ O ₃ at different concentration. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 173-176.	0.8	4
119	An approach to achieve significantly faster luminescence decay of thin-film scintillator by surface plasmons. Applied Physics Letters, 2014, 104, 061902.	1.5	4
120	Enhanced light extraction of LYSO scintillator by photonic crystal structures from a modified porous anodized aluminum oxide layer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 864, 36-39.	0.7	4
121	Improved light output of plastic scintillator by a modified self-assembled photonic crystal. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 871, 63-65.	0.7	4
122	Hydrothermal growth and scintillation properties of \hat{I}^3 -CuBr single crystals. Materials Research Bulletin, 2018, 101, 210-214.	2.7	4
123	Structural properties of Lu ₂ SiO ₅ doped with rare-earth elements. Materials Letters, 2019, 256, 126410.	1.3	4
124	Effect of CsI(Tl) micro-conical-frustums on the performance of the pixelated CsI(Tl) scintillation screen in X-ray imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 921, 18-21.	0.7	4
125	Light output enhancement of scintillators by using mixed-scale microstructures. Optics Express, 2021, 29, 24792.	1.7	4
126	Development of CuI:Cl-PS composite scintillator. Journal of Luminescence, 2021, 240, 118449.	1.5	4

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127	Spectral properties and energy transfer in PbWO ₄ co-doped with Cr ³⁺ and F ²⁺ . Journal of Physics Condensed Matter, 2006, 18, 6065-6070.	0.7	3
128	Luminescence spectra of stilbene-3 doped lead-tin-fluorophosphate glass excited by VUV-UV synchrotron radiation. Journal of Non-Crystalline Solids, 2008, 354, 3462-3467.	1.5	3
129	Oxygen Doping Enhanced Lithiation in MgCl ₂ for Battery Applications. Physica Status Solidi (B): Basic Research, 2019, 256, 1900166.	0.7	3
130	Fabrication and performance of Lu ₂ O ₃ :Eu ³⁺ nanowire arrays with different nanowire diameters. Optical Materials, 2019, 88, 91-96.	1.7	3
131	Hollow nanosphere arrays with a high-index contrast for enhanced scintillating light output from $\text{In}_2\text{Ga}_2\text{O}_3$ crystals. Optics Express, 2021, 29, 6169.	1.7	3
132	Influence of preparation process on the transparency of CsI microcolumns in the structured CsI scintillation screen based on oxidized silicon micropore array template. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 991, 164999.	0.7	3
133	Tuning intrinsic defects in In_2CuI by cation and anion doping. Results in Physics, 2021, 26, 104461.	2.0	3
134	Influence of Si wall thickness of CsI(Tl) micro-square-frustums on the performance of the structured CsI(Tl) scintillation screen in X-ray imaging. Scientific Reports, 2022, 12, .	1.6	3
135	Effect of cation doping on tuning intrinsic defects in Lu ₃ . Journal of Luminescence, 2019, 212, 238-241.	1.5	2
136	Defect formation of CuI-doped by group-IIIB elements. Modern Physics Letters B, 2019, 33, 1850423.	1.0	2
137	Dynamic instability of lithiated phosphorene. RSC Advances, 2020, 10, 32259-32264.	1.7	2
138	Directional light outcoupling enhancement of scintillators via hollow microlens arrays. Journal of Luminescence, 2021, 232, 117862.	1.5	2
139	Design of a one-dimensional photonic crystal for the modification of BaF ₂ scintillation spectrum. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 496, 129-137.	0.7	1
140	RELAXATIONAL PROPERTIES OF LAYERED FERROELECTRICS CaBi _{1.5} La _{0.5} Nb ₂ O ₉ . Integrated Ferroelectrics, 2008, 104, 34-39.	0.3	1
141	Sol-gel preparation and characterization of transparent GdTaO ₄ :Eu ³⁺ thick films. Proceedings of SPIE, 2008, , .	0.8	1
142	The Luminescence of a CuI Film Scintillator Controlled by a Distributed Bragg Reflector. Chinese Physics Letters, 2013, 30, 027803.	1.3	1
143	Influence of Annealing Temperature on the Performance of Lu ₂ O ₃ :Eu ³⁺ Nanowire Arrays Synthesized by Sol-Gel Method Using AAO Template. IEEE Transactions on Nuclear Science, 2020, 67, 1899-1903.	1.2	1
144	Convenient method for improving the light output of scintillators by using buffer layers coated with photonic crystals. Optics Express, 2020, 28, 11301.	1.7	1

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145	Modification of Gd₂O₃:Eu₃₊ sol-gel luminescence films , 2004, , .	0.3	0
146	Investigation on Eu³⁺-doped Gd₂O₃ sol-gel thin films , 2004, 5774, 628.	0.3	0
147	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate NH₄LuP₂O₇ , ChemInform, 2006, 37, no.	0.1	0
148	Fabrication and photoluminescence properties of ST-401 plastic scintillation films , 2008, , .	0.3	0
149	A modified area function in time scale for the transmission data analysis of neutron resonance , Nuclear Instruments & Methods in Physics Research B, 2009, 267, 3663-3669.	0.6	0
150	A phase retrieval algorithm for polychromatic x-ray in-line phase contrast imaging , Proceedings of SPIE, 2012, , .	0.8	0
151	Enhanced luminescence of CuI thin film scintillator by reducing Fresnel reflection , Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 707, 120-122.	0.7	0
152	Broadband light output enhancement for scintillator using whispering-gallery modes in nanospheres (Phys. Status Solidi A 7â•2014). Physica Status Solidi (A) Applications and Materials Science, 2014, 211, n/a-n/a.	0.8	0
153	Conference comments by the Editors , IEEE Transactions on Nuclear Science, 2014, 61, 228-228.	1.2	0
154	First-Principles Calculations on the Diffusion and Electronic Properties of CuI Doped by Cation and Anion , Results in Physics, 2022, , 105595.	2.0	0