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List of Publications by Year
in descending order

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154	2,510	172386	302012
papers	citations	29 h-index	39 g-index

159	159	159	2298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First-Principles Calculations on the Diffusion and Electronic Properties of CuI Doped by Cation and Anion. Results in Physics, 2022, , 105595.	2.0	0
2	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
3	High-Performance X-ray Detector Based on Single-Crystal Î²-Ga₂O₃:Mg. ACS Applied Materials & Interfaces, 2021, 13, 2879-2886.	4.0	34
4	Hollow nanosphere arrays with a high-index contrast for enhanced scintillating light output from Î²-Ga₂O₃ crystals. Optics Express, 2021, 29, 6169.	1.7	3
5	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
6	Directional light outcoupling enhancement of scintillators via hollow microlens arrays. Journal of Luminescence, 2021, 232, 117862.	1.5	2
7	Improved light output from thick Î²-Ga₂O₃ scintillation crystals via graded-refractive-index photonic crystals. Optics Express, 2021, 29, 18646.	1.7	5
8	Performance of a CsI(Tl) scintillation screen with a dual-periodic structure based on an oxidized silicon micropore array template in X-ray imaging. Optics Express, 2021, 29, 23752.	1.7	8
9	Tuning intrinsic defects in Î³-CuI by cation and anion doping. Results in Physics, 2021, 26, 104461.	2.0	3
10	Light output enhancement of scintillators by using mixed-scale microstructures. Optics Express, 2021, 29, 24792.	1.7	4
11	Highly sensitive X-ray detector based on a Î²-Ga₂O₃:Fe single crystal. Optics Express, 2021, 29, 23292.	1.7	13
12	Development of CuI:Cl-PS composite scintillator. Journal of Luminescence, 2021, 240, 118449.	1.5	4
13	Band Gap Engineering in Î²-Ga₂O₃ for a High-Performance X-ray Detector. ACS Applied Electronic Materials, 2021, 3, 4630-4639.	2.0	20
14	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
15	Scintillation Properties of eta -Ga₂O₃ Single Crystal Excited by $alpha$ -Ray. IEEE Transactions on Nuclear Science, 2020, 67, 400-404.	1.2	10
16	Dynamic instability of lithiated phosphorene. RSC Advances, 2020, 10, 32259-32264.	1.7	2
17	Directional Control and Enhancement of Light Output of Scintillators by Using Microlens Arrays. ACS Applied Materials & Interfaces, 2020, 12, 29473-29480.	4.0	10
18	Influence of Annealing Temperature on the Performance of Luâ‚‚Oâ‚ƒ:EuÂ³â¸ Nanowire Arrays Synthesized by Solâ€“Gel Method Using AAO Template. IEEE Transactions on Nuclear Science, 2020, 67, 1899-1903.	1.2	1

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19	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
20	Ultraviolet-light emission enhancement and morphology stability for ZnO:Ga nanorod array treated by hydrogen plasma. Applied Surface Science, 2019, 493, 1299-1305.	3.1	8
21	Structural properties of Lu2SiO5 doped with rare-earth elements. Materials Letters, 2019, 256, 126410.	1.3	4
22	Temperature-dependence of X-ray excited luminescence of Î² -Ga2O3 single crystals. Applied Physics Letters, 2019, 115, .	1.5	23
23	Oxygen Doping Enhanced Lithiation in MgCl₂ for Battery Applications. Physica Status Solidi (B): Basic Research, 2019, 256, 1900166.	0.7	3
24	Stability and electronic properties of O vacancies and Ce4+ in Lu2SiO5 tuned by C doping. Optical Materials, 2019, 93, 15-18.	1.7	5
25	Effect of cation doping on tuning intrinsic defects in LuI3. Journal of Luminescence, 2019, 212, 238-241.	1.5	2
26	Bâ€Ðopingâ€Enhanced Stability of Phosphorene/Graphene Heterostructures. Advanced Theory and Simulations, 2019, 2, 1800176.	1.3	9
27	Defect formation of CuI-doped by group-IIB elements. Modern Physics Letters B, 2019, 33, 1850423.	1.0	2
28	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
29	Fabrication and performance of Lu2O3:Eu3+ nanowire arrays with different nanowire diameters. Optical Materials, 2019, 88, 91-96.	1.7	3
30	Enhancement of the near-band-edge emission of CuI by Cl doping. Journal of Luminescence, 2019, 205, 337-341.	1.5	12
31	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. Optics Express, 2019, 27, 14871.	1.7	11
32	Hydrothermal growth and scintillation properties of Î³-CuBr single crystals. Materials Research Bulletin, 2018, 101, 210-214.	2.7	4
33	Ultra-fast scintillation properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml9" display="inline" overflow="scroll" altimg="si1.gif"><mml:mi mathvariant="normal">Î²</mml:mi></mml:math>-Ga2O3 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
34	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
35	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
36	Sol-Gel Template Synthesis and Characterization of Lu2O3:Eu3+ Nanowire Arrays. Micromachines, 2018, 9, 601.	1.4	5

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37	Phosphorene as cathode for metal-ion batteries: Importance of F decoration. Materials Today Energy, 2018, 10, 141-145.	2.5	5
38	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
39	Directional emission of plastic luminescent films using photonic crystals fabricated by soft-X-ray interference lithography and reactive ion etching. Scientific Reports, 2018, 8, 9254.	1.6	11
40	Enhanced light extraction of plastic scintillator using large-area photonic crystal structures fabricated by hot embossing. Optics Express, 2018, 26, 11438.	1.7	17
41	Light extraction enhancement and directional control of scintillator by using microlens arrays. Optics Express, 2018, 26, 23132.	1.7	17
42	Optimization of crystal growth and properties of Î³-CuI ultrafast scintillator by the addition of LiI. Materials Research Bulletin, 2018, 106, 228-233.	2.7	12
43	Effect of Li doping on the O vacancies in Lu2SiO5:Ce phosphors. Materials Letters, 2018, 228, 372-374.	1.3	13
44	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
45	Effect of ZnI 2 cosolute on quality and performance of Î³-CuI ultrafast scintillation crystal grown via evaporation method in acetonitrile solvent. Optical Materials, 2017, 66, 308-313.	1.7	18
46	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
47	Plasmonic lattice resonance-enhanced light emission from plastic scintillators by periodical Ag nanoparticle arrays. Applied Physics Letters, 2017, 110, .	1.5	9
48	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
49	Directional emission of quantum dot scintillators controlled by photonic crystals. Applied Physics Letters, 2017, 111, 081904.	1.5	7
50	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
51	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
52	Modified timing characteristic of a scintillation detection system with photonic crystal structures. Optics Letters, 2017, 42, 987.	1.7	14
53	X-ray excited luminescence of Ga- and In-doped ZnO microrods by annealing treatment. Superlattices and Microstructures, 2016, 98, 351-358.	1.4	9
54	Guided-mode resonance assisted directional emission of a wavelength-shifting film for application in scintillation detection. Optics Express, 2016, 24, 231.	1.7	14

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55	Fabrication and X-Ray Excited Luminescence of Ga- and In-Doped ZnO Nanorods. IEEE Transactions on Nuclear Science, 2016, 63, 471-474.	1.2	8
56	Template synthesis and luminescence of ordered Lu3Al5O12:Ce3+ nanowire arrays. Materials Letters, 2016, 166, 158-162.	1.3	8
57	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
58	Electrical and luminescence properties of Zn2+ doped CuI thin films. Journal of Materials Science: Materials in Electronics, 2015, 26, 2629-2633.	1.1	19
59	Luminescence characteristics of CuI film by iodine annealing. Journal of Materials Science: Materials in Electronics, 2015, 26, 5092-5096.	1.1	30
60	A new red-emitting material K0.5Na0.5NbO3:Eu3+ for white LEDs. Materials Research Bulletin, 2015, 64, 134-138.	2.7	14
61	Fabrication and Performance of CsI(Tl) Scintillation Films With Pixel-Like Columnar-Matrix Structure. IEEE Transactions on Nuclear Science, 2015, 62, 699-703.	1.2	9
62	Enhanced light extraction efficiency of plastic scintillator by photonic crystal prepared with a self-assembly method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 795, 305-308.	0.7	6
63	The mechanism of enhanced luminescence in ion-codoped Lu2SiO5:Ce3+ phosphors. Journal of Luminescence, 2015, 161, 422-425.	1.5	14
64	Improved light extraction of LYSO scintillator by the photonic structure from a layer of anodized aluminum oxide. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 786, 1-4.	0.7	6
65	AAO-assisted synthesis of CuI nanowires by vacuum melting and gas pressure injection. Materials Letters, 2015, 153, 14-17.	1.3	8
66	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
67	An approach to achieve significantly faster luminescence decay of thin-film scintillator by surface plasmons. Applied Physics Letters, 2014, 104, 061902.	1.5	4
68	A novel Mâ€²-type LuTaO_4:Ln^3+ (Ln = Eu, Tb) transparent scintillator films. Optical Materials Express, 2014, 4, 172.	1.6	10
69	Broadband light output enhancement for scintillator using whisperingâ€gallery modes in nanospheres. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1583-1588.	0.8	29
70	Mechanism of band-edge luminescence in cuprous iodide single crystals. Journal of Alloys and Compounds, 2014, 617, 170-173.	2.8	8
71	A promising high-density scintillator of GdTaO4 single crystal. CrystEngComm, 2014, 16, 2480.	1.3	47
72	Green and red upconversion luminescence of Er3+-doped K0.5Na0.5NbO3 ceramics. Ceramics International, 2014, 40, 2581-2584.	2.3	54

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73	Crystal growth and luminescence properties of CuI single crystals. Optik, 2014, 125, 1007-1010.	1.4	9
74	Characterization and luminescence properties of solâ€“gel derived Mâ€²-type LuTaO 4 :Ln 3+ (Ln = Pr, Sm,) Tj ETQq0 0 0 rgBT /Overlock	2.7	10
75	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
76	Conference comments by the Editors. IEEE Transactions on Nuclear Science, 2014, 61, 228-228.	1.2	0
77	Luminescence properties of Li-codoped Lu2SiO5:Ce thin-film phosphors prepared by solâ€“gel processing. Materials Research Bulletin, 2013, 48, 2370-2374.	2.7	26
78	Enhanced light extraction efficiency for glass scintillator coupled with two-dimensional photonic crystal structure. Optical Materials, 2013, 35, 2343-2346.	1.7	13
79	Colloidal synthesis of uniform CuI nanoparticles and their size dependent optical properties. Materials Letters, 2013, 100, 166-169.	1.3	17
80	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
81	Stability and electronic properties of polar and non-polar surfaces of CuI. Applied Surface Science, 2013, 268, 87-91.	3.1	11
82	Defect formation in chlorine-doped zinc oxide. Solid State Communications, 2013, 171, 30-33.	0.9	12
83	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
84	First-principles study on stability of Li, Na and Ca in Lu2SiO5. Journal of Luminescence, 2013, 139, 1-5.	1.5	11
85	Solâ€“gel synthesis and luminescent properties of Mâ€²-type LuTaO4:Eu3+ phosphors. Journal of Luminescence, 2013, 140, 1-6.	1.5	13
86	Large CuI crystal growth by evaporation technique and its growth mechanism. CrystEngComm, 2013, 15, 2934.	1.3	17
87	Performance of columnar CsI(Tl) scintillation films prepared on special pre-deposited layers. Applied Surface Science, 2013, 276, 776-781.	3.1	23
88	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
89	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
90	Phase transition and elastic and optical properties of Lu2SiO5. Optical Materials, 2013, 35, 1659-1663.	1.7	5

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91	Enhanced luminescence induced by change of cerium oxidation states in Li-codoped Lu2SiO5:Ce3+ phosphors. Materials Letters, 2013, 100, 282-284.	1.3	13
92	The Luminescence of a CuI Film Scintillator Controlled by a Distributed Bragg Reflector. Chinese Physics Letters, 2013, 30, 027803.	1.3	1
93	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
94	<scp><scp>Eu</scp></scp>³⁺â€Activated Borogermanate Scintillating Glass with a High <scp><scp>Gd</scp></scp>₂<scp><scp>O</scp></scp>₃ Content. Journal of the American Ceramic Society, 2013, 96, 1483-1489.	1.9	67
95	Enhanced light extraction of Bi3Ge4O12 scintillator by graded-refractive-index antireflection coatings. Applied Physics Letters, 2013, 103, .	1.5	10
96	Polychromatic X-ray in-line phase-contrast tomography for soft tissue. Europhysics Letters, 2012, 98, 14001.	0.7	11
97	A phase retrieval algorithm for polychromatic x-ray in-line phase contrast imaging. Proceedings of SPIE, 2012, , .	0.8	0
98	Luminescence properties of Pr3+-doped transparent oxyfluoride glassâ€“ceramics containing BaYF5 nanocrystals. Journal of Luminescence, 2012, 132, 2531-2536.	1.5	58
99	Enhanced luminescent properties of Tb3+ ions in transparent glass ceramics containing BaGdF5 nanocrystals. Journal of Non-Crystalline Solids, 2012, 358, 77-80.	1.5	29
100	The phase transition and elastic and optical properties of polymorphs of CuI. Journal of Physics Condensed Matter, 2012, 24, 475503.	0.7	11
101	Photoluminescence study of annealing effects on CuI crystals grown by evaporation method. Crystal Research and Technology, 2012, 47, 707-712.	0.6	29
102	First-principles calculations of oxygen vacancies and cerium substitution in lutetium pyrosilicate. Journal of Luminescence, 2012, 132, 164-170.	1.5	5
103	Enhanced luminescence in transparent glass ceramics containing BaYF5: Ce3+ nanocrystals. Journal of Luminescence, 2012, 132, 750-754.	1.5	32
104	Improving image quality of x-ray in-line phase contrast imaging using an image restoration method. Optics Express, 2011, 19, 23460.	1.7	13
105	Theoretical study of structural, electronic, lattice dynamical and dielectric properties of SrAl2O4. Journal of Alloys and Compounds, 2011, 509, 4300-4303.	2.8	17
106	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
107	Plane-wave pseudopotential study for the structural stability of Hf: The role of spinâ€“orbit interaction. Physica B: Condensed Matter, 2011, 406, 1744-1748.	1.3	16
108	Crystal growth and characterization of CuI single crystals by solvent evaporation technique. Materials Research Bulletin, 2010, 45, 636-639.	2.7	27

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109	The influence of concentration and supersaturation ratio of CuIÂ·HI on CuI crystal growth by decomplexation method. Crystal Research and Technology, 2010, 45, 365-370.	0.6	8
110	Enhanced Tb3+ luminescence by non-radiative energy transfer from Gd3+ in silicate glass. Physica B: Condensed Matter, 2010, 405, 569-572.	1.3	36
111	High-pressure lattice dynamic and thermodynamic properties of Ir by first-principles calculation. Physica B: Condensed Matter, 2010, 405, 732-737.	1.3	19
112	The effects of GeO2 adulterant on the luminescence properties of Tb-doped silicate glasses. Optical Materials, 2010, 32, 1022-1027.	1.7	8
113	Influence of CeO2 on scintillating properties of Tb3+-doped silicate glasses. Journal of Rare Earths, 2010, 28, 340-344.	2.5	15
114	First-principles study of fluorine-doped zinc oxide. Applied Physics Letters, 2010, 97, .	1.5	72
115	Luminescent Properties of ${m Lu}_{2}{m SiO}_{5}{hbox{:}}{m Ce}$ Phosphors Codoped With Li Ions. IEEE Transactions on Nuclear Science, 2010, 57, 1268-1271.	1.2	17
116	Elaboration and characterization of transparent GdTaO4:Tb3+ thick films fabricated by solâ€“gel process. Journal of Alloys and Compounds, 2010, 501, 371-374.	2.8	14
117	Luminescent properties of Na-codoped Lu2SiO5:Ce phosphor. Journal of Alloys and Compounds, 2010, 502, 190-194.	2.8	31
118	X-ray excited luminescence of cuprous iodide single crystals: On the nature of red luminescence. Applied Physics Letters, 2009, 95, .	1.5	50
119	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
120	Enhancement of Tb3+ emission by non-radiative energy transfer from Dy3+ in silicate glass. Physica B: Condensed Matter, 2009, 404, 111-114.	1.3	58
121	Luminescence behavior of Tb3+ ions in transparent glass and glass-ceramics containing CaF2 nanocrystals. Journal of Luminescence, 2009, 129, 773-777.	1.5	60
122	Optical properties of GdTaO4:Eu3+ thick films prepared from a PVP-containing solution. Applied Surface Science, 2009, 255, 4680-4683.	3.1	13
123	Dielectric properties of SrBi2â^'xLaxNb2O9 (0â‰¤xâ‰¤0.35) ceramics. Journal of Alloys and Compounds, 2009, 472, 262-266.	2.8	17
124	Enhanced luminescence through ion-doping-induced higher energy phonons in GdTaO4:Eu3+ phosphor. Applied Physics Letters, 2009, 94, .	1.5	26
125	Formation energies of antisite defects in Y3Al5O12: A first-principles study. Applied Physics Letters, 2009, 94, .	1.5	26
126	Positron annihilation study of PbWO₄ crystal doped with Y₂O₃ at different concentration. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 173-176.	0.8	4

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127	Understanding the growth mechanism of CuI crystals during gel growth experiments. Crystal Research and Technology, 2008, 43, 496-501.	0.6	12
128	Fabrication of highly a-axis-oriented Gd2O3:Eu3+ thick film and its luminescence properties. Optical Materials, 2008, 31, 126-130.	1.7	51
129	Dielectric and Structural Properties of Layerâ€Structured Sr_{1â^'x}Ca_xBi₂Nb₂O₉. Journal of the American Ceramic Society, 2008, 91, 2933-2937.	1.9	29
130	Luminescence spectra of stilbene-3 doped leadâ€“tinâ€“fluorophosphate glass excited by VUVâ€“UV synchrotron radiation. Journal of Non-Crystalline Solids, 2008, 354, 3462-3467.	1.5	3
131	RELAXATIONAL PROPERTIES OF LAYERED FERROELECTRICS CaBi_{1.5} La_{0.5}Nb₂O₉. Integrated Ferroelectrics, 2008, 104, 34-39.	0.3	1
132	Sol-gel preparation and characterization of transparent GdTaO 4 : Eu³⁺thick films. Proceedings of SPIE, 2008, , .	0.8	1
133	Fabrication and photoluminescence properties of ST-401 plastic scintillation films. , 2008, , .		0
134	First-principles study of oxygen vacancies in Lu₂SiO₅. Journal of Physics Condensed Matter, 2007, 19, 436215.	0.7	34
135	Effect of Zn2+ and Li+ codoping ions on nanosized Gd2O3:Eu3+ phosphor. Journal of Alloys and Compounds, 2007, 440, 341-345.	2.8	46
136	First-principles study of lattice dynamics and thermodynamic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">La</mml:mi><mml:msub><mml:mi mathvariant="normal">Cl</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">La</mml:mi><mml:msub><mml:mi mathvariant="normal">Br</mml:mi><mml:mn>	1.1	15
137	Lattice dynamical, dielectric, and thermodynamic properties of Î²-Ga2O3 from first principles. Applied Physics Letters, 2007, 91, .	1.5	88
138	Effect of codopants on enhanced luminescence of GdTaO4 : Eu3+ phosphors. Solid State Communications, 2007, 142, 680-684.	0.9	52
139	Luminescent properties of GdTaO4 and GdTaO4 : Eu3+ under VUVâ€“UV excitation. Solid State Communications, 2007, 144, 484-487.	0.9	37
140	Enhanced luminescence of GdTaO4:Eu3+ thin-film phosphors by K doping. Applied Surface Science, 2007, 253, 4344-4347.	3.1	22
141	Synthesis, structure and X-ray excited luminescence of Ce3+-doped AREP2O7-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
142	Laser-excited spectra of Lu2SiO5:Ce scintillator. Journal of Luminescence, 2007, 127, 645-649.	1.5	9
143	Highly enhanced luminescence of GdTaO4:Eu3+ phosphors by codoping with Zn2+ ions. Journal of Alloys and Compounds, 2006, 426, 390-394.	2.8	32
144	The influence of CuIÂ·HI complex distribution on CuI crystal growth with decomplexation method in silica gel. Journal of Crystal Growth, 2006, 292, 74-77.	0.7	7

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145	Highly enhanced photoluminescence and X-ray excited luminescence of Li doped Gd2O3:Eu3+ thin films. Solid State Communications, 2006, 137, 162-165.	0.9	20
146	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate NH4LuP2O7.. ChemInform, 2006, 37, no.	0.1	0
147	Spectral properties and energy transfer in PbWO4co-doped with Cr3+and Fâ˜†. Journal of Physics Condensed Matter, 2006, 18, 6065-6070.	0.7	3
148	Influence of Sb and Y co-doping on properties of PbWO4 crystal. Journal of Crystal Growth, 2005, 275, 474-480.	0.7	8
149	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate NH4LuP2O7. European Journal of Inorganic Chemistry, 2005, 2005, 4693-4696.	1.0	14
150	Preparation and Characterization of GdTaO4:Eu3+ Sol-Gel Luminescence Thin Films. Journal of Sol-Gel Science and Technology, 2005, 35, 193-196.	1.1	33
151	One-dimensional heterostructural metallodielectric photonic band gap material for the modification of emission spectrum of BaF[sub 2] scintillator. Applied Physics Letters, 2004, 85, 4337.	1.5	4
152	<title>Modification of Gd<formula><inf><roman>2</roman></inf></formula>O<formula><inf><roman>3</roman></inf></formula>:Eu<formula><sup><roma sol-gel luminescence films</title>. , 2004, , .		3
153	<title>Investigation on Eu<formula>^{<roman>3+</roman>}</formula>-doped Gd<formula><inf><roman>2</roman></inf></formula>O<formula><inf><roman>3</roman></inf></formula> sol-gel thin films</title>. , 2004, 5774, 628.		0
154	Design of a one-dimensional photonic crystal for the modification of BaF2 scintillation spectrum. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 496, 129-137.	0.7	1