Jakrapong Kaewkhao

List of Publications by Year
in descending order

355 papers	8,144 citations	50170 46 h-index	79541 73 g-index

355 all docs	355 docs citations	355 times ranked	2280 citing authors

#	Article	IF	Citations
1	Mechanical and gamma radiation shielding properties of natural rubber composites: effects of bismuth oxide (Bi₂O₃) and lead oxide (PbO). Materials Research Innovations, 2022, 26, 8-15.	1.0	7
2	The influence of Gd2O3 on shielding, thermal and luminescence properties of WO3â€“Gd2O3â€“B2O3 glass for radiation shielding and detection material. Radiation Physics and Chemistry, 2022, 190, 109805.	1.4	17
3	X-ray radiation shielding of CeO2 doped borosilicate glasses and their luminescence characteristics. Radiation Physics and Chemistry, 2022, 191, 109825.	1.4	13
4	The radioluminescence investigation of lead sodium borate doped with Sm3+ glass scintillator. Radiation Physics and Chemistry, 2022, 192, 109887.	1.4	11
5	High density of tungsten gadolinium borate glasses for radiation shielding material: Effect of WO3 concentration. Radiation Physics and Chemistry, 2022, 192, 109926.	1.4	39
6	Development of bright orange-reddish color emitting material from Sm3+-doped Y2O3 based borosilicate glasses for solid state lighting materials. Journal of Non-Crystalline Solids, 2022, 578, 121283.	1.5	16
7	Photoluminescence analysis of Er3+-ions Doped P2O5-Gd2O3/GdF3-BaO-ZnO glass systems. Journal of Alloys and Compounds, 2022, 902, 163766.	2.8	13
8	Dy³⁺-Doped Li₂O: BaO: Gd₂O₃: SiO₂ Glasses for Luminescence Applications. Integrated Ferroelectrics, 2022, 224, 71-83.	0.3	3
9	Radiation and Fast Neutron Shielding Properties of Nickel-Based Superalloys: Inconel 600, 718 and 725 Superalloys. Integrated Ferroelectrics, 2022, 224, 120-133.	0.3	2
10	Proton, Alpha, and Gamma Rays Interactions of CsI(Na) Scintillator Using the Theoretically Computational Program. Integrated Ferroelectrics, 2022, 224, 163-171.	0.3	2
11	White Light Emission of Dy³⁺ Doped Oxy-Fluoride Phosphate Glass System for Active Laser Medium. Integrated Ferroelectrics, 2022, 224, 1-12.	0.3	10
12	The Effect of Calcium Fluoride in Lithium Phosphate Oxide (LPO) Doped with Sm³⁺ Content. Integrated Ferroelectrics, 2022, 224, 110-119.	0.3	4
13	Structural and Luminescence Characterizations of Tb³⁺ Ion Doped Boro-Tellurite Glasses for LED Applications. Integrated Ferroelectrics, 2022, 224, 62-70.	0.3	1
14	Effect of Gd³⁺-Sm³⁺ Energy Transfer on the Luminescence Properties of Ba-Na-B Glasses. Integrated Ferroelectrics, 2022, 224, 33-40.	0.3	0
15	Spectroscopic Characterization and CIE Coordinate of Pr³⁺ Ions Doped Pottasium Aluminum Gadolinium Phosphate Glasses. Integrated Ferroelectrics, 2022, 224, 52-61.	0.3	1
16	The Impact on Addition of WO₃ for Radiation Shielding Properties of TeO₂â€“BaO Glass System. Integrated Ferroelectrics, 2022, 224, 134-144.	0.3	1
17	Neodymium-Doped Multi-Component Borate/Phosphate Glasses for NIR Solid-State Material Applications. Integrated Ferroelectrics, 2022, 224, 13-32.	0.3	2
18	The Radioluminescence Investigation of Lead Sodium Borate Glass Doped with Eu³⁺. Integrated Ferroelectrics, 2022, 224, 90-99.	0.3	2

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19	The Effect of Sodium Fluoride in Lithium Fluorophosphate (LFP) Glasses Doped with Nd₂O₃ Ion. Integrated Ferroelectrics, 2022, 224, 100-109.	0.3	8
20	Energy transfer and broad-band luminescence of Nd3+-Er3+ co-doped Lithium Fluorophosphate (LFP) glasses. Optical Materials, 2022, 125, 112007.	1.7	15
21	Effect of CuO on Electrical Property, Seebeck Coefficient and Power Factor of CuGd₂O₄. Integrated Ferroelectrics, 2022, 224, 84-89.	0.3	0
22	Judd-Ofelt and McCumber Studies of Er³⁺ Ions Doped in Lanthanum Borate Glass for Visible and NIR Lighting Application. Integrated Ferroelectrics, 2022, 224, 41-51.	0.3	0
23	The Study on Eu³⁺ Doped Lithium Bismuth Aluminum Borate Glass: New Red Luminescence Medium. Integrated Ferroelectrics, 2022, 224, 145-152.	0.3	2
24	Spectroscopic investigation of dysprosium doped bismuth-borate glasses for white light application. Optical Materials, 2022, 127, 112291.	1.7	12
25	Spectroscopic and photoluminescence properties of praseodymium doped potassium aluminum phosphate (P2O5-K2O-Al2O3) glasses for optoelectronics applications.. Journal of Non-Crystalline Solids, 2022, 586, 121570.	1.5	3
26	Effect of Soaking Time and Sb₂O₃ Concentration on Number of Bubble and Optical Properties of Borosilicate Glasses. Integrated Ferroelectrics, 2022, 223, 10-17.	0.3	3
27	White Emission from Li₂O-BaO-Bi₂O₃-P₂O₅ Glass Doped with Dy³⁺ for Optical Condensed Material Applications. Integrated Ferroelectrics, 2022, 223, 18-28.	0.3	1
28	Physical, Optical and Luminescence Properties of Pr³⁺ Doped in Lanthanum Borate Glasses. Integrated Ferroelectrics, 2022, 222, 253-261.	0.3	2
29	Spectroscopic Properties of Er³⁺ Doped Li₂O-Al₂O₃-BaO-P₂O₅ and Na₂O-Al₂O₃-BaO-P₂O₅ Glasses for Fiber Optic Communication Material. Integrated Ferroelectrics, 2022, 222, 262-272.	0.3	0
30	Luminescence Study of Sm³⁺-Doped Ba-Na-B Oxide and Oxyfluoride Glasses for Orange LED. Integrated Ferroelectrics, 2022, 222, 244-252.	0.3	0
31	Effects of WO₃ on Radiation Shielding Properties of WO₃â€“TeO₂ Binary Tellurite Glass System. Integrated Ferroelectrics, 2022, 222, 125-135.	0.3	9
32	Ultra-Wideband Dielectric and Impedance Spectroscopy of B₂O₃â€“Bi₂O₃â€“SiO₂â€“Sm₂O₃ Glasses. Integrated Ferroelectrics, 2022, 223, 38-45.	0.3	0
33	Direct and Quantitative Study of Gd³⁺ Doped on Na₂O: Al₂O₃: SiO₂: B₂O₃:CeF₃ Glass Samples for Radiation Interaction Parameters. Integrated Ferroelectrics, 2022, 223, 29-37.	0.3	0
34	Spectroscopic Study of Eu³⁺ Doped in Bismuth Barium Borate Glasses for Reddish Orange Emission Photonic Applications. Integrated Ferroelectrics, 2022, 222, 234-243.	0.3	0
35	Development of Reddish-Orange Color Emission Material from Barium Gadolinium Borate Glasses Doped with Eu₂O₃. Integrated Ferroelectrics, 2022, 222, 273-282.	0.3	0
36	Effect of the Atmosphere on Physical Optical and Luminescence Properties of Li₂O:Y₂O₃:B₂O₃:CeF₃ Glasses. Integrated Ferroelectrics, 2022, 223, 1-9.	0.3	0

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37	Investigation Bi-Slag Glass Systems for Radiation Shielding. Integrated Ferroelectrics, 2022, 222, 170-179.	0.3	1
38	Behaviors of TeO2-B2O3-WO3 glass system for ionizing radiation shielding performance: photon, protons and alpha particles. Materials Today: Proceedings, 2022, 65, 2269-2276.	0.9	2
39	Mn2+ Doping Inside Glass Substrate Utilizing Metal Ion Beam Implantation Technique. Optik, 2022, , 169270.	1.4	0
40	Photoluminescence and energy transfer investigations in Gd3+-Dy3+co-doped borate glasses. Physica B: Condensed Matter, 2022, 639, 413976.	1.3	5
41	The Development of Er³⁺/ Yb³⁺ Co-Doped Li₂O-Bi₂O₃-Al₂O₃-B₂O₃ Glass for Laser and Fiber Optics Applications. Integrated Ferroelectrics, 2022, 225, 20-33.	0.3	1
42	Fabrication and investigation of the effects of various gadolinium compounds on Ce3+-activated phosphate glasses for scintillation applications. Optik, 2022, 262, 169303.	1.4	1
43	Eu-Doped Gd₂MoB₂O₉ Phosphors for Latent Fingerprints Detection. Integrated Ferroelectrics, 2022, 225, 160-172.	0.3	1
44	Investigation of Eu³⁺ Doped Oxy-Fluoride Phosphate Glass for Red Laser Gain Medium Application. Integrated Ferroelectrics, 2022, 225, 80-92.	0.3	5
45	White Emission from Dy³⁺ Doped in ZnO â€“ CaO â€“ B₂O₃ for WLEDs Material Application. Integrated Ferroelectrics, 2022, 225, 173-185.	0.3	3
46	Charged Particles and Gamma-Ray Interaction with Gallium Barium Borate Glass: Theoretical Approach. Integrated Ferroelectrics, 2022, 225, 139-157.	0.3	1
47	Fabrication and Characterization of Eu³⁺ Doped Tellurite Glasses for Laser Materials. Integrated Ferroelectrics, 2022, 225, 199-211.	0.3	1
48	Pr³⁺-Doped Ba-Na-B Glasses: Luminescence and Juddâ€“Ofelt Analysis for Photonic Applications. Integrated Ferroelectrics, 2022, 225, 34-41.	0.3	0
49	Photoluminescence and optical transition properties of Sm3+ activated lead-borate glasses. Optical Materials, 2022, 129, 112486.	1.7	15
50	Synthesis and elemental analysis of gadolinium halides (GdX3) in glass matrix for radiation detection applications. Optical Materials, 2022, 129, 112490.	1.7	3
51	Investigation of europium-doped aluminium phosphate glass for red light generation. Ceramics International, 2022, 48, 24751-24757.	2.3	14
52	Spectroscopic investigation of Sm2O3-activated barium calcium strontium borate glasses for laser and display-devices applications. Optik, 2022, 265, 169439.	1.4	4
53	Optical properties of Sm3+ doped in CaO-Al2O3-Na2O-BaO-B2O3 glasses for under-sea optical device applications. Optik, 2022, 262, 169366.	1.4	9
54	Optical and structural properties of Eu3+ doped MgOâ€“Li2Oâ€“Na2Oâ€“BaOâ€“B2O3 glasses for scintillating glass applications. Radiation Physics and Chemistry, 2022, 199, 110295.	1.4	10

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55	Crystal growth and luminescence characterization of LaCl3:Dy3+ single crystal for the laser application. Optik, 2022, , 169530.	1.4	0
56	Glass production from rice husk ash as an imitation gemstone products. Materials Today: Proceedings, 2022, , .	0.9	0
57	Luminescence, spectroscopic properties and reddish-orange emission from Eu3+ ion doped tellurite and fluorotellurite glasses: A comparative study. Optik, 2022, 265, 169531.	1.4	4
58	White emission from Dy3+ doped Gd2O3-B2O3 glass for WLEDs encapsulation. Optik, 2022, 265, 169532.	1.4	5
59	Spectral characteristics and energy transfer in Gd3+and Nd3+doped borate glasses for NIR laser applications. Infrared Physics and Technology, 2022, 125, 104272.	1.3	3
60	Crystal growth and scintillation properties of Tm3+ doped LaCl3 single crystal for radiation detection. Radiation Physics and Chemistry, 2022, 200, 110347.	1.4	1
61	The study on BWGd:Nd glass for new laser amplifier: Properties, theoretical and practical investigations. Optical Materials, 2022, 129, 112535.	1.7	7
62	Investigation of color tunability of Dy3+& Eu3+ Co-doped bismuth borate glasses for lighting applications. Materials Chemistry and Physics, 2022, 288, 126422.	2.0	5
63	Luminescence and Judd-Ofelt analysis of gallium aluminum gadolinium yttrium borate scintillating glass doped with Dy3+. Radiation Physics and Chemistry, 2022, 199, 110284.	1.4	8
64	Scintillation performance of the Ce3+ -activated lithium phosphate glass. Radiation Physics and Chemistry, 2022, 199, 110285.	1.4	7
65	The influence of CeF3 on radiation hardness and luminescence properties of Gd2O3â€“B2O3 glass scintillator. Scientific Reports, 2022, 12, .	1.6	8
66	Mathematical calculation of gamma rays interaction in bismuth gadolinium silicate glass using WinXCom program. Materials Today: Proceedings, 2022, 65, 2412-2415.	0.9	22
67	Physical and luminescence properties of zinc barium gadolinium borate glass doped with dysprosium oxide for white light emission. Materials Today: Proceedings, 2022, 65, 2446-2451.	0.9	2
68	Development of flexible radiation shielding materials from natural Rubber/Sb2O3 composites. Radiation Physics and Chemistry, 2022, 200, 110379.	1.4	17
69	Tuneable luminescence of Pr3+-doped sodium aluminium gadolinium phosphate glasses for photonics applications. Optik, 2022, 267, 169668.	1.4	4
70	Solid-state synthesis, characterizations and luminescent properties of EuBO3 phosphors with various Gd3+ concentrations for X-ray screen material application. Radiation Physics and Chemistry, 2022, 201, 110406.	1.4	2
71	Physical and photoluminescence investigations of Eu3+ doped gadolinium borate scintillating glass. Radiation Physics and Chemistry, 2022, 200, 110386.	1.4	7
72	A critical review and future prospects of Dy3+-doped glasses for white light emission applications. Optik, 2022, 266, 169583.	1.4	16

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73	Er3+-doped barium sodium borate glasses development for 1.54ÂÂµm broadband amplifier and optical laser. Optik, 2022, 266, 169557.	1.4	5
74	Luminescence and energy transfer properties of Gd3+ and Dy3+ in borosilicate glasses for tunable emission materials. Optik, 2022, 266, 169584.	1.4	2
75	Effect of Gd2O3 in Li2Oâ€“AlF3â€“CaF2â€“P2O5â€“Eu2O3 glasses for laser medium and X-rays detection material applications. Radiation Physics and Chemistry, 2022, 199, 110362.	1.4	7
76	Eu3+ ions doped lithium aluminium gadolinium borophosphate glasses: Energy transfer, optical and luminescence behaviors for red emission material. Radiation Physics and Chemistry, 2022, 199, 110390.	1.4	5
77	Scintillation and photoluminescence investigations of Gd2MoB2O9: CeF3 phosphors. Radiation Physics and Chemistry, 2022, 199, 110368.	1.4	0
78	X-ray induced optical luminescence and energy transfer mechanism from Gd 3+ to Tb3+ ions in fluorophosphate scintillating glasses for X-ray detecting material. Radiation Physics and Chemistry, 2022, 199, 110360.	1.4	0
79	Effect of Gd2O3 on radiation shielding, physical and optical properties of sodium borosilicate glass system. Radiation Physics and Chemistry, 2022, 199, 110361.	1.4	10
80	Radiance properties of corundum and feldspar minerals under X-ray induced luminescence. Radiation Physics and Chemistry, 2022, 199, 110391.	1.4	2
81	Photon interaction of molybdenum (Mo) based cesium tri-molybdate (Cs2Mo3O10) and disodium dimolybdate (Na2Mo2O7) single crystal scintillators. Radiation Physics and Chemistry, 2022, 201, 110373.	1.4	1
82	The properties of silicate glass specimens for photon, neutron, and charged particles shielding: The roles of Bi2O3. Radiation Physics and Chemistry, 2022, 201, 110385.	1.4	9
83	Intense red emission via energy transfer from (Ce3+/Eu3+):P2O5+NaF+CaF2+AlF3 glasses for warm light sources. Ceramics International, 2021, 47, 1962-1969.	2.3	22
84	Gd3+/Sm3+energy transfer behavior and spectroscopic study of lithium gadolinium magnesium borate for solid state lighting material. Optical Materials, 2021, 111, 110657.	1.7	18
85	Wearable and flexible radiation shielding natural rubber composites: Effect of different radiation shielding fillers. Radiation Physics and Chemistry, 2021, 179, 109261.	1.4	32
86	Luminescence properties of Sm3+ doped Na2B4O7 glasses for lighting application. Journal of Luminescence, 2021, 230, 117700.	1.5	38
87	Comparative Study of Er3+ Ions Doped Phosphate Based Oxide and Oxy-fluoride Glasses for Lasers Applications. Materials Today: Proceedings, 2021, 43, 2605-2611.	0.9	0
88	Synthesis and radiation properties of Li2O-BaO-Bi2O3-P2O5 glasses. Materials Today: Proceedings, 2021, 43, 2544-2553.	0.9	36
89	Fabrication of potassium aluminium barium phosphate glasses doped with Sm3+ and their Judd-Ofelt analysis for orange lasing material application. Materials Today: Proceedings, 2021, 43, 2554-2562.	0.9	5
90	Studies of Luminescence Properties of Praseodymium Ions in Gadolinium Barium Borate Based Glasses for Reddish-Orange Lighting Applications. Materials Today: Proceedings, 2021, 43, 2516-2524.	0.9	1

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91	Development of bismuth sodium borate glasses for radiation shielding material. Materials Today: Proceedings, 2021, 43, 2508-2515.	0.9	17
92	Dy3+ doped B2O3 â€“ Li2O â€“ CaO â€“ CaF2 glass for efficient white light emitting sources. Journal of Non-Crystalline Solids, 2021, 554, 120604.	1.5	24
93	Spectroscopy Characterization of MWCNT Doped B₂O₃-Gd₂O₃-ZnO-Er₂O₃ Glass for NIR Solid State Application. Integrated Ferroelectrics, 2021, 214, 136-142.	0.3	3
94	Preparation and Structural Characterization of Dy³⁺-Doped PBiNaGd Glass. Integrated Ferroelectrics, 2021, 214, 151-157.	0.3	0
95	Development of New High Transparency Pb-Free Radiation Shielding Glass. Integrated Ferroelectrics, 2021, 214, 181-204.	0.3	9
96	Tunable orange, yellow and white emission of Pr3+-doped tungsten gadolinium borate glasses. Journal of Non-Crystalline Solids, 2021, 554, 120603.	1.5	12
97	Spectroscopic Properties and Judd-Ofelt Analysis of Eu³⁺ doped Ba-Na-B Glasses for Photonic Applications. Journal of Physics: Conference Series, 2021, 1819, 012072.	0.3	5
98	Comparative Study on Au-Ag composition in Lithium Zinc Calcium Fluroborate Glasses: Nonlinear Optics Perspective. Journal of Physics: Conference Series, 2021, 1819, 012022.	0.3	2
99	Identification of Metabolic Phenotypes in Young Adults with Obesity by 1H NMR Metabolomics of Blood Serum. Life, 2021, 11, 574.	1.1	12
100	Rapid and convenient crystallization of quantum dot CsPbBr3 inside a phosphate glass matrix. Journal of Alloys and Compounds, 2021, 866, 158974.	2.8	19
101	Development of Na2O-MO-Bi2O3-B2O3-Sm2O3 glasses (MO=Ba/Mg) for laser and scintillation application.. Journal of Non-Crystalline Solids, 2021, 561, 120722.	1.5	8
102	Precursor Based Tuning of the Nonlinear Optical Properties of Au-Ag Bimetallic Nanoparticles Doped in Oxy-fluoroborate Glasses. Journal of Non-Crystalline Solids, 2021, 561, 120766.	1.5	12
103	Influence of trivalent praseodymium ion on SiO2â€“B2O3â€“Al2O3â€“ BaOâ€“CaOâ€“Sb2O3â€“Na2Oâ€–Pr2O3 glasses for X-Rays shielding and luminescence materials. Radiation Physics and Chemistry, 2021, 184, 109467.	1.4	8
104	Strong emission from Ce3+ doped gadolinium oxyfluoroborate scintillation glasses matrix. Radiation Physics and Chemistry, 2021, 185, 109497.	1.4	23
105	Radio and photo luminescence of Dy3+ doped lithium fluorophosphate scintillating glass. Radiation Physics and Chemistry, 2021, 185, 109520.	1.4	30
106	Luminescence and physical properties of Ce3+-doped potassium gadolinium phosphate glasses for radiation detector application. Radiation Physics and Chemistry, 2021, 185, 109496.	1.4	4
107	Luminescence behavior of Nd3+ions doped ZnO-BaO-(Gd2O3/GdF3)- P2O5 glasses for laser material applications. Journal of Luminescence, 2021, 236, 118139.	1.5	15
108	Structural and luminescence investigation of Ce3+ doped lithium barium gadolinium phosphate glass scintillator. Radiation Physics and Chemistry, 2021, 185, 109488.	1.4	9

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109	Effect of Gd2O3 on the radiation shielding, physical, optical and luminescence behaviors of Gd2O3â€“La2O3â€“ZnOâ€“B2O3â€“Dy2O3 glasses. Radiation Physics and Chemistry, 2021, 185, 109500.	1.4	28
110	IR emission of Er3+ ion-doped fluoroborotellurite glass for communication application. Journal of Non-Crystalline Solids, 2021, 566, 120849.	1.5	19
111	Luminescence properties of Ce3+- doped borate scintillating glass for new radiation detection material. Radiation Physics and Chemistry, 2021, 185, 109498.	1.4	12
112	Comparative study of Dy3+ doped borate glasses on the basis of luminescence and lasing properties for white-light generation. Optical Materials, 2021, 119, 111308.	1.7	23
113	The Gamma Rays Shielding Properties of Barium Phosphate Glasses in Energy Range 1 keV to 10⁸ keV. Journal of Physics: Conference Series, 2021, 2013, 012017.	0.3	1
114	Optical absorption and photoluminescence investigations Dy³+ doped oxyfluoride phosphate glass system for active laser medium and solid-state lighting materials. Journal of Physics: Conference Series, 2021, 2013, 012020.	0.3	3
115	Development of bismuth alumino borosilicate glass for radiation shielding material. Radiation Physics and Chemistry, 2021, 186, 109542.	1.4	14
116	Spectral investigation of lithium-telluride based glasses doped with Sm3+-ions for lighting application. Journal of Alloys and Compounds, 2021, 875, 160095.	2.8	18
117	Visible to infrared emission from (Eu3+/Nd3+):B2O3Â+ÂAlF3Â+ÂNaFÂ+ÂCaF2 glasses for luminescent solar converters. Optics and Laser Technology, 2021, 141, 107170.	2.2	15
118	Physical and Optical Properties of CuO doped in Glasses Prepared from Rice Husk Ash in Suphan Buri Province, Thailand. Journal of Physics: Conference Series, 2021, 2013, 012002.	0.3	1
119	Luminescence and scintillation properties of Ce3+-doped P2O5-Li2CO3-GdBr3-Al2O3 glasses. Journal of Non-Crystalline Solids, 2021, 567, 120914.	1.5	17
120	The Barium Borosilicate Glass on Neutron/Gamma Rays Shielding from Theoretical Values Computation at 1 keV to 100 GeV of the Energy Range. Journal of Physics: Conference Series, 2021, 2013, 012016.	0.3	0
121	Visible luminescence properties of Sm³⁺-dope barium gadolinium glasses. Journal of Physics: Conference Series, 2021, 2013, 012021.	0.3	0
122	Effective red-orange luminescence and energy transfer from Gd3+ to Eu3+ in lithium gadolinium magnesium borate for optical devices. Journal of Non-Crystalline Solids, 2021, 569, 120927.	1.5	12
123	Photon interaction and electron nonproportional response of CLYC scintillation material. Radiation Physics and Chemistry, 2021, 188, 109565.	1.4	2
124	Fabrication of K2Oâ€“Al2O3â€“Gd2O3â€“P2O5 glasses for photonic and scintillation materials applications. Radiation Physics and Chemistry, 2021, 188, 109639.	1.4	5
125	The radioluminescence and photoluminescence behaviour of lithium alumino borate glasses doped with Tb2O3 and Gd2O3 for green luminescence applications. Optical Materials, 2021, 121, 111437.	1.7	10
126	The photon interactions and build-up factor for gadolinium sodium borate glass: Theoretical and experimental approaches. Radiation Physics and Chemistry, 2021, 188, 109561.	1.4	10

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127	Electron and photon responses of CWO scintillation crystal. Radiation Physics and Chemistry, 2021, 189, 109749.	1.4	0
128	Scintillation respond and orange emission from Sm3+ ion doped tellurite and fluorotellurite glasses: A comparative study. Radiation Physics and Chemistry, 2021, 189, 109754.	1.4	17
129	Effect of Gd2O3 concentration on X-rays induced and photoluminescence characteristics of Eu3+ - Activated Gd2O3â€“B2O3 glass. Radiation Physics and Chemistry, 2021, 189, 109681.	1.4	7
130	Synthesis and characterization of CeF3â€'doped (74.5-x)P2O5:20Li2O:5Al2O3:x(GdF3, LaF3 and YF3) glasses. Radiation Physics and Chemistry, 2021, 189, 109700.	1.4	6
131	Thermal Correction of Eu3+doped Na2O-Al2O3-P2O5 Glasses System. Materials Today: Proceedings, 2021, 43, 2490-2497.	0.9	1
132	Bright white light emission from (Gd3+ /Dy3+) dual doped transparent lithium aluminum borate glasses for W- LED application. Optical Materials, 2021, 122, 111705.	1.7	11
133	Physical and Luminescence Studies of Er³⁺-Doped into Borate Glass for IR Lighting Application. Integrated Ferroelectrics, 2021, 221, 12-19.	0.3	0
134	Molecular dynamics simulation and luminescence properties of Eu3+ doped molybdenum gadolinium borate glasses for red emission. Journal of Alloys and Compounds, 2020, 813, 151914.	2.8	73
135	Physical, optical properties and radiation shielding studies of xLa2O3-(100-x)B2O3 glass system. Ceramics International, 2020, 46, 5380-5386.	2.3	26
136	Effect of Sodium Oxide and Sodium Fluoride in Gadolinium Phosphate Glasses Doped with Eu2O3 Content. Journal of Physics: Conference Series, 2020, 1428, 012029.	0.3	0
137	Photoluminescence and energy transfer studies in Ce3+ and Sm3+ activated P2O5+K2O+Al2O3+BaF2+NaF2 glasses for solid state lighting. Optical Materials, 2020, 99, 109576.	1.7	14
138	Effect of sodium oxide and sodium fluoride in gadolinium phosphate glasses doped with Eu2O3 content. Journal of Luminescence, 2020, 219, 116950.	1.5	30
139	X-ray/proton and photoluminescence behaviors of Sm3+ doped high-density tungsten gadolinium borate scintillating glass. Journal of Alloys and Compounds, 2020, 849, 156574.	2.8	34
140	Structural and luminescence study of Dy3+ doped phosphate glasses for solid state lighting applications. Optical Materials, 2020, 109, 110322.	1.7	19
141	Spectroscopic study of Nd3+ ion-doped Zn-Al-Ba borate glasses for NIR emitting device applications. Optical Materials, 2020, 107, 110018.	1.7	43
142	Development of Eu3+-doped phosphate glass for red luminescent solid-state optical devices. Journal of Luminescence, 2020, 227, 117564.	1.5	34
143	Eu³⁺ ions doped SrO-CaO-Li₂O₋B₂O₃glasses foroptical display material application. Journal of Physics: Conference Series, 2020, 1485, 012053.	0.3	4
144	Effect of BaO on lead free zinc barium tellurite glass for radiation shielding materials in nuclear application. Journal of Non-Crystalline Solids, 2020, 550, 120386.	1.5	42

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145	X-ray induced luminescence, optical, compositional and structural investigations of natural and imitation rubies: Identification technique. Radiation Physics and Chemistry, 2020, 177, 109089.	1.4	4
146	Novel plaster waste glass for solid state lighting applications. Optical Materials, 2020, 109, 110180.	1.7	1
147	Photoluminescence properties of Bi2MoO6:Dy3+ phosphors fabricated by solid state reactions. AIP Conference Proceedings, 2020, , .	0.3	2
148	Calculation of The Radiation Shielding Parameters in Long Ranges of Photon Energy: Bismuth Sodium Borate Glass. Journal of Physics: Conference Series, 2020, 1485, 012027.	0.3	2
149	Effect of SnO2/SeO2 on Au nano-particles doped silicate glasses: a structural study using XAS and EXAFS refinements. Optical and Quantum Electronics, 2020, 52, 1.	1.5	6
150	RADIO-OPTICAL response of cerium-doped lithium gadolinium bismuth borate glasses. Journal of Luminescence, 2020, 224, 117341.	1.5	14
151	Luminescence and Scintillation Properties of Dy3+ doped Li6Y(BO3)3 crystal. Optical Materials, 2020, 106, 109973.	1.7	13
152	Spectroscopic study and energy transfer behavior of Gd3+ to Dy3+ for Li2Oâ€“MgO-Gd2O3â€“B2O3â€“Dy2O3 glasses for white emission material. Journal of Luminescence, 2020, 226, 117380.	1.5	27
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