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List of Publications by Year
in descending order

65 papers	2,077 citations	185998 28 h-index	253896 43 g-index
65 all docs	65 docs citations	65 times ranked	1354 citing authors

#	Article	IF	Citations
1	Multicolor emission in Agmn+ clusters and Eu3+ activated ZnOâ€“P2O5 glasses achieved under near ultraviolet light excitation. Optical Materials, 2022, 123, 111833.	1.7	2
2	Phosphors emitting light yellow (laser) and light white through sodium-magnesium-borotellurite glasses activated with Dy3+. Optical Materials, 2022, 123, 111930.	1.7	3
3	Warm-white, reddish-orange and orange light generation from lithium-aluminum-zinc phosphate glass tri-doped with Sm3+, Tb3+and Eu3+. Journal of Luminescence, 2022, 247, 118880.	1.5	6
4	Down-shifting and down-conversion emission properties of novel CdOâ€“P2O5 invert glasses activated with Pr3+ and Pr3+/Yb3+ for photonic applications. Optical Materials, 2021, 116, 111009.	1.7	9
5	Li2Oâ€“Al2O3â€“ZnOâ€“P2O5:Dy3+/Sm3+/Eu3+ glasses for solid-state yellow laser and color tunable phosphor applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 21539-21552.	1.1	1
6	Spectroscopic analysis of Nd3+-doped cadmium-vanadate invert glasses for near-infrared laser applications. Journal of Non-Crystalline Solids, 2021, 572, 121085.	1.5	15
7	Cold bluish white and blue emissions in Cu+-doped zinc phosphate glasses. Journal of Luminescence, 2020, 217, 116791.	1.5	18
8	White, yellow and reddish-orange light generation in lithium-aluminum-zinc phosphate glasses co-doped with Dy3+/Tb3+ and tri-doped with Dy3+/Tb3+/Eu3+. Journal of Luminescence, 2020, 219, 116882.	1.5	36
9	Lithium-aluminum-zinc phosphate glasses activated with Sm3+, Sm3+/Eu3+ and Sm3+/Tb3+ for reddish-orange and white light generation. Journal of Alloys and Compounds, 2020, 846, 156332.	2.8	27
10	Near-infrared luminescence spectroscopy in yttrium oxide phosphor activated with Er3+, Li+ and Yb3+ ions for application in photovoltaic systems. Journal of Luminescence, 2020, 224, 117271.	1.5	18
11	Tunable white light emission in zinc phosphate glasses activated with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:msubsup><mml:mrow><mml:mtext>Ag</mml:mtext></mml:mrow><mml:mrow><mml:mtext>n</mml:mtext></mml:mrow> clusters and Sm3+. Journal of Luminescence, 2020, 222, 117104.	1.5	10
12	Calcium-zinc phosphate glasses activated with Tb3+/Eu3+ for laser and white LED applications. Journal of Luminescence, 2019, 215, 116621.	1.5	28
13	Fluorescence features of Tm3+-doped multicomponent borosilicate and borotellurite glasses for blue laser and S-band optical amplifier applications. Optical Materials, 2019, 96, 109354.	1.7	18
14	Co-emission and energy transfer of Sm3+ and/or Eu3+ activated zinc-germanate- tellurite glass as a potential tunable orange to reddish-orange phosphor. Journal of Non-Crystalline Solids, 2019, 521, 119462.	1.5	28
15	Tunable emission and energy transfer in TeO2-GeO2-ZnO and TeO2-GeO2-MgCl2 glasses activated with Eu3+/Dy3+ for solid state lighting applications. Journal of Luminescence, 2019, 212, 116-125.	1.5	29
16	Tunable white-light emission from Pr3+/Dy3+ co-doped B2O3 - TeO2 PbO - ZnO Li2O - Na2O glasses. Optical Materials, 2019, 88, 558-569.	1.7	32
17	Up and down-shifting emission properties of novel Er3+-doped CdO-V2O5-P2O5 glass system. Ceramics International, 2019, 45, 1609-1615.	2.3	23
18	Lithium-aluminum-zinc phosphate glasses activated with Tb3+ and Tb3+/Eu3+ for green laser medium, reddish-orange and white phosphor applications. Optical Materials, 2018, 79, 358-365.	1.7	37

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19	Development of sodium-zinc phosphate glasses doped with Dy3+, Eu3+ and Dy3+/Eu3+ for yellow laser medium, reddish-orange and white phosphor applications. Journal of Luminescence, 2018, 194, 231-239.	1.5	57
20	Spectroscopy evaluation of crystalline and amorphous Cd 2 V 2 O 7 as blue phosphors. Journal of Luminescence, 2018, 195, 234-239.	1.5	9
21	Yellow to orange-reddish glass phosphors: Sm3+, Tb3+ and Sm3+/Tb3+ in zinc tellurite-germanate glasses. Optical Materials, 2018, 75, 88-93.	1.7	40
22	Optical spectroscopy of zinc phosphate films activated with Ce3+, Tb3+ and Mn2+ ions for white LED applications. Optical Materials, 2018, 84, 879-887.	1.7	6
23	Zinc phosphate glasses activated with Dy3+/Eu3+/Sm3+ and Tb3+/Eu3+/Sm3+ for reddish-orange and yellowish white phosphor applications. Journal of Luminescence, 2018, 203, 74-82.	1.5	13
24	Structural, thermal and optical investigations of Dy 3+ -doped B 2 O 3 â€“WO 3 â€“ZnOâ€“Li 2 Oâ€“Na 2 O glasses for warm white light emitting applications. Journal of Luminescence, 2017, 186, 283-300.	1.5	117
25	Multicolor emission in lithium-aluminum-zinc phosphate glasses activated with Dy3+, Eu3+ and Dy3+/Eu3+. Journal of Materials Science: Materials in Electronics, 2017, 28, 10564-10572.	1.1	18
26	Reddish-orange and neutral/warm white light emitting phosphors: Eu 3+ , Dy 3+ and Dy 3+ /Eu 3+ in potassium-zinc phosphate glasses. Journal of Luminescence, 2017, 183, 341-347.	1.5	69
27	Optical absorption, luminescence, and energy transfer processes studies for Dy3+/Tb3+-codoped borate glasses for solid-state lighting applications. Optical Materials, 2017, 72, 380-391.	1.7	51
28	Luminescence properties of Tb3+-doped zinc phosphate glasses for green laser application. Optical Materials, 2016, 58, 406-411.	1.7	73
29	White light generation through Zn(PO 3) 2 glass activated with Eu 3+ and Dy 3+. Journal of Luminescence, 2016, 176, 235-239.	1.5	41
30	Reddish-orange, neutral and warm white emissions in Eu3+, Dy3+ and Dy3+/Eu3+ doped CdO-GeO2-TeO2 glasses. Solid State Sciences, 2016, 61, 70-76.	1.5	33
31	Blue and white light emission in Tm3+ and Tm3+/Dy3+ doped zinc phosphate glasses upon UV light excitation. Optical Materials, 2016, 58, 183-187.	1.7	48
32	White light generation in Tb3+/Eu3+/Dy3+ triply-doped Zn(PO3)2 glass. Optical Materials, 2016, 51, 128-132.	1.7	47
33	Down-shifting by energy transfer in Tb3+/Dy3+ co-doped zinc phosphate glasses. Journal of Luminescence, 2015, 161, 142-146.	1.5	58
34	White light generation in Dy3+-and Ce3+/Dy3+-doped zincâ€“sodiumâ€“aluminosilicate glasses. Journal of Luminescence, 2015, 167, 327-332.	1.5	60
35	Orange and reddish-orange light emitting phosphors: Sm3+ and Sm3+/Eu3+ doped zinc phosphate glasses. Journal of Luminescence, 2015, 167, 305-309.	1.5	59
36	Neutral and warm white light emission in Tb3+/Sm3+ zinc phosphate glasses. Optical Materials, 2015, 47, 537-542.	1.7	55

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37	Spectroscopic evaluation of Zn(PO3)2:Dy3+ glass as an active medium for solid state yellow laser. Optical Materials, 2014, 38, 188-192.	1.7	44
38	New reddish-orange and greenish-yellow light emitting phosphors: Eu3+ and Tb3+/Eu3+ in sodium germanate glass. Journal of Luminescence, 2014, 153, 198-202.	1.5	57
39	Optical spectroscopy and optical waveguide fabrication in Eu3+ and Eu3+/Tb3+ doped zincâ€“sodiumâ€“aluminosilicate glasses. Journal of Luminescence, 2014, 147, 336-340.	1.5	22
40	Cold white light generation through the simultaneous emission from Ce3+ and Tb3+ in sodium germanate glass. Optical Materials, 2014, 37, 451-456.	1.7	23
41	New greenish-yellow and yellowish-green emitting glass phosphors: Tb3+/Eu3+ and Ce3+/Tb3+/Eu3+ in zinc phosphate glasses. Journal of Luminescence, 2013, 135, 216-220.	1.5	57
42	New yellowish-green light emitting thin film: 89Al2O3â‹…5CeCl3â‹…3EuCl3â‹…3TbCl3. Optical Materials, 2013, 35, 1304-1308.	1.7	12
43	Optical spectroscopy and waveguide fabrication in Sm3+/Tb3+ doped zincâ€“sodiumâ€“aluminosilicate glasses. Optical Materials, 2012, 34, 1067-1071.	1.7	56
44	Extended decay times for the photoluminescence of Eu3+ ions in aluminum oxide films through interaction with localized states. Optical Materials, 2012, 34, 1137-1142.	1.7	19
45	Cold and warm white light generation using Zn(PO3)2 glasses activated by Ce3+, Dy3+ and Mn2+. Journal of Luminescence, 2012, 132, 2077-2081.	1.5	32
46	Cold white light generation through the simultaneous emission from Ce3+, Dy3+ and Mn2+ in 90Al2O3Â·2CeCl3Â·3DyCl3Â·5MnCl2 thin film. Journal of Luminescence, 2012, 132, 2130-2134.	1.5	9
47	Blue-yellow photoluminescence from Ce3+â†'Dy3+ energy transfer in HfO2:Ce3+:Dy3+ films deposited by ultrasonic spray pyrolysis. Journal of Alloys and Compounds, 2011, 509, 3160-3165.	2.8	26
48	Spectroscopic characterization and optical waveguide fabrication in Ce3+, Tb3+ and Ce3+/Tb3+ doped zincâ€“sodiumâ€“aluminosilicate glasses. Optical Materials, 2011, 33, 1892-1897.	1.7	34
49	Luminescence properties of Ce3+â€“Dy3+ codoped aluminium oxide films. Optical Materials, 2011, 33, 1320-1324.	1.7	25
50	Judd-Ofelt analysis of the B-Te-Na-Si-Al:Er3+ polymolecular glass for IR broadband telecommunication. Proceedings of SPIE, 2011, , .	0.8	0
51	Spectroscopy of the Bi4Si3O12:Er3+ glass for optical amplification and laser application. Optical Materials, 2010, 32, 1266-1273.	1.7	36
52	White light generation in Al2O3:Ce3+:Tb3+:Mn2+ films deposited by ultrasonic spray pyrolysis. Thin Solid Films, 2010, 518, 5724-5730.	0.8	37
53	White light generation through the zinc metaphosphate glass activated by Ce3+, Tb3+ and Mn2+ ions. Journal of Luminescence, 2009, 129, 1276-1280.	1.5	61
54	Blueâ€“greenâ€“red luminescence from CeCl₃- and MnCl₂-doped hafnium oxide layers prepared by ultrasonic spray pyrolysis. Journal of Physics Condensed Matter, 2008, 20, 395205.	0.7	25

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55	Photoluminescence of Bi4Si3O12:Er3+ crystal excited in the commercial laser diode emission region. Optical Materials, 2007, 29, 605-609.	1.7	7
56	Violet-blue luminescence from hafnium oxide layers doped with CeCl3prepared by the spray pyrolysis process. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 2355-2361.	0.8	18
57	Optical spectroscopy of zinc metaphosphate glasses activated by Ce3+and Tb3+ions. Journal of Physics Condensed Matter, 2006, 18, 3499-3508.	0.7	75
58	Optical spectroscopy of Nd3+ions in poly(acrylic acid). Journal of Physics Condensed Matter, 2006, 18, 7951-7959.	0.7	20
59	Optical spectroscopy of Er3+ ions in poly(acrylic acid). Optical Materials, 2006, 28, 1171-1177.	1.7	20
60	Studies on blue and red photoluminescence from Al2O3:Ce3+:Mn2+coatings synthesized by spray pyrolysis technique. Thin Solid Films, 2006, 515, 607-610.	0.8	11
61	Local structure determination of Mn2+ in CaCl2:Mn2+ by optical spectroscopy. Optical Materials, 2005, 27, 1456-1460.	1.7	26
62	Photoluminescence of Ce3+and Mn2+in zinc metaphosphate glasses. Journal of Physics Condensed Matter, 2005, 17, 7297-7305.	0.7	60
63	Blue and red photoluminescence from Al2O3:Ce3+:Mn2+films deposited by spray pyrolysis. Journal of Physics Condensed Matter, 2005, 17, 3647-3656.	0.7	24
64	Spectroscopic characterization of Er3+transitions in Bi4Si3O12. Journal of Physics Condensed Matter, 2004, 16, 5925-5936.	0.7	26
65	Stimulated emission, excited state absorption, and laser modeling of the Nd3+:Ca3Ga2Ge3O12 laser system. Journal of Applied Physics, 2002, 91, 1754-1760.	1.1	21