Hai Lin

List of Publications by Citations

105 papers	2,089 citations	24 h-index	43 g-index
113 ext. papers	2,335 ext. citations	3.3 avg, IF	4.69 L-index

#	Paper	IF	Citations
105	Optical transitions and visible upconversion in Er3+ doped niobic tellurite glass. *Journal of Applied Physics*, **2003**, 93, 186-191	2.5	189
104	Optical absorption and photoluminescence in Sm3+- and Eu3+-doped rare-earth borate glasses. *Journal of Luminescence*, **2005**, 113, 121-128	3.8	161
103	Optical transitions and frequency upconversion of Er^3+ ions in Na_2O?Ca_3Al_2Ge_3O_12 glasses. *Journal of the Optical Society of America B: Optical Physics*, **2001**, 18, 602	1.7	118
102	Judd□Ofelt analysis, frequency upconversion, and infrared photoluminescence of Ho3+-doped and Ho3+/Yb3+-codoped lead bismuth gallate oxide glasses. *Journal of Applied Physics*, **2009**, 106, 103105	2.5	98
101	Er3+-doped Na2O□Cd3Al2Si3O12 glass for infrared and upconversion applications. *Journal of Non-Crystalline Solids*, **2001**, 283, 27-33	3.9	92
100	Er3□doped Na2O□Nb2O5□TeO2glasses for optical waveguide laser and amplifier. *Journal Physics D: Applied Physics*, **2003**, 36, 812-817	3	86
99	Infrared and visible fluorescence in Er3+-doped gallium tellurite glasses. *Chemical Physics Letters*, **2004**, 398, 146-150	2.5	80
98	Optical Transition, Excitation State Absorption, and Energy Transfer Study of Er3+, Nd3+ Single-Doped, and Er3+/Nd3+ Codoped Tellurite Glasses for Mid-Infrared Laser Applications. *Journal of the American Ceramic Society*, **2011**, 94, 1766-1772	3.8	79
97	Upconversion color tunability and white light generation in Tm3+/Ho3+/Yb3+ doped aluminum germanate glasses. *Optical Materials*, **2010**, 32, 554-559	3.3	75
96	Optical transitions and upconversion fluorescence in Ho3+□Yb3+ doped bismuth tellurite glasses. *Journal of Applied Physics*, **2007**, 101, 113535	2.5	67
95	Photoluminescence and spectral parameters of Eu3+ in sodium□aluminum□tellurite ceramics. *Journal of Alloys and Compounds*, **2009**, 479, 352-356	5.7	51
94	Near-infrared emissions with widely different widths in two kinds of Er3+-doped oxide glasses with high refractive indices and low phonon energies. *Journal of Luminescence*, **2007**, 124, 167-172	3.8	48
93	Spectral parameters and visible fluorescence of Sm3+ in alkali□barium□bismuth□tellurite glass with high refractive index. *Journal of Luminescence*, **2006**, 116, 139-144	3.8	44
92	Radiative transitions and optical gains in Er^3+/Yb^3+ codoped acid-resistant ion exchanged germanate glass channel waveguides. *Journal of the Optical Society of America B: Optical Physics*, **2009**, 26, 357	1.7	34
91	Rare-earth ions doped heavy metal germanium tellurite glasses for fiber lighting in minimally invasive surgery. *Optics Express*, **2010**, 18, 18997-9008	3.3	33
90	Spectral power distribution and quantum yields of Sm3+-doped heavy metal tellurite glass under the pumping of blue lighting emitting diode. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2007**, 67, 1417-20	4.4	32
89	Radiative parameters for multi-channel visible and near-infrared emission transitions of Sm3+ in heavy-metal-silicate glasses. *Journal of Physics and Chemistry of Solids*, **2013**, 74, 772-778	3.9	31

88	Near-infrared emissions and quantum efficiencies in Tm3+-doped heavy metal gallate glasses for S- and U-band amplifiers and 1.8□h infrared laser. *Journal of Luminescence*, **2008**, 128, 74-80	3.8	29
87	Infrequent blue and green emission transitions from Eu3+ in heavy metal tellurite glasses with low phonon energy. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2006**, 358, 474-477	2.3	28
86	Multi-channel transition emissions of Sm3+ in lithium yttrium aluminum silicate glasses and derived opalescent glass ceramics. *Journal of Alloys and Compounds*, **2014**, 582, 265-272	5.7	27
85	Fluorescence investigation of Ho3+ in Yb3+ sensitized mixed-alkali bismuth gallate glasses. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2008**, 71, 1547-50	4.4	25
84	Near-infrared emission character of Tm3+-doped heavy metal tellurite glasses for optical amplifiers and 1.8 □m infrared laser. *Journal Physics D: Applied Physics*, **2007**, 40, 3567-3572	3	25
83	Pr3+-doped heavy metal germanium tellurite glasses for irradiative light source in minimally invasive photodynamic therapy surgery. *Optics Express*, **2013**, 21, 1030-40	3.3	24
82	Optical parameters and upconversion fluorescence in Tm3+/Yb3+-doped alkali-barium-bismuth-tellurite glasses. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2006**, 65, 702-7	4.4	24
81	Excitation wavelength-sensitive multi-colour fluorescence in Eu/Tb ions doped yttrium aluminium garnet glass ceramics. *Journal of Luminescence*, **2013**, 134, 622-628	3.8	23
80	Optical evaluation of multichannel radiative transitions originating from G45/2 level of Sm3+ in heavy-metal-gallate glasses. *Journal of Applied Physics*, **2010**, 107, 123111	2.5	23
79	Gain properties of the transition emissions near the second telecommunication window in Ho3+-doped multicomponent heavy-metal gallate glasses. *Journal of Luminescence*, **2012**, 132, 676-681	3.8	22
78	High-efficiency fluorescence radiation of Dy3+ in alkaline earth borate glasses. *Journal of Luminescence*, **2014**, 153, 227-232	3.8	19
77	Dy^3+ doped borate glasses for laser illumination. *Optical Materials Express*, **2017**, 7, 2040	2.6	17
76	Tm3+-doped ion-exchanged aluminum germanate glass waveguide for S-band amplification. *Applied Physics Letters*, **2009**, 95, 151106	3.4	17
75	Dynamic colour and utilizable white fluorescence from Eu/Tb ions codoped lithium-yttrium-aluminium-silicate glasses. *Journal Physics D: Applied Physics*, **2012**, 45, 115301	3	17
74	Color tunability of Sm3+ doped antimony□hosphate glass phosphors showing broadband fluorescence. *Journal of Luminescence*, **2016**, 178, 147-155	3.8	16
73	Emission of 1.38 microm and gain properties from Ho(3+)-doped low-phonon-energy gallate bismuth lead oxide glasses for fiber-optic amplifiers. *Optics Letters*, **2010**, 35, 211-3	3	15
72	Dy3+ doped tellurium-borate glass phosphors for laser-driven white illumination. *Journal of Luminescence*, **2019**, 206, 70-78	3.8	15
71	White upconversion luminescence in Tm3+/Ho3+/Yb3+ triply doped K+□Na+ ion-exchanged aluminum germanate glass channel waveguide. *Optical Materials*, **2013**, 35, 590-595	3.3	14

70	Photon releasing of Dy3+ doped fluoroborate glasses for laser illumination. *Journal of Alloys and Compounds*, **2017**, 728, 1279-1288	5.7	14
69	Quantitative characterization on multichannel transition emissions originating from3P0and1D2levels of Pr3+in fluorotellurite glasses. *Journal Physics D: Applied Physics*, **2013**, 46, 505107	3	14
68	Broadband fluorescence emission of Eu^3+ doped germanotellurite glasses for fiber-based irradiation light sources. *Optical Materials Express*, **2013**, 3, 1931	2.6	13
67	Emissions of 1.20 and 1.38 μm from Ho3+-doped lithium–barium–bismuth–lead oxide glass for optical amplifications. *Journal of Non-Crystalline Solids*, **2011**, 357, 2468-2471	3.9	13
66	Alkaline aluminum phosphate glasses for thermal ion-exchanged optical waveguide. *Optical Materials*, **2015**, 42, 484-490	3.3	12
65	Upconversion emissions in YAG glass ceramics doped with Tm3+/Yb3+ ions. *Journal of Alloys and Compounds*, **2012**, 536, 198-203	5.7	12
64	Radiative transitions of Eu3+ in non-crystalline alkali–alkaline–titanate film. *Physica B: Condensed Matter*, **2008**, 403, 3509-3513	2.8	12
63	Upconversion photon quantification of Ho3+ in highly transparent fluorotellurite glasses. *Optics and Laser Technology*, **2018**, 107, 8-14	4.2	12
62	Dy3+-doped germanate glasses for waveguide-typed irradiation light sources. *Journal of Alloys and Compounds*, **2015**, 646, 586-591	5.7	10
61	Multi-color fluorescence in rare earth acetylacetonate hydrate doped poly methyl methacrylate. *Optics Communications*, **2013**, 311, 111-116	2	10
60	Pr3+ doped tellurite glasses incorporated with silver nanoparticles for laser illumination. *RSC Advances*, **2017**, 7, 55691-55701	3.7	10
59	Optical radiative parameters and 1.3 μm emission anticipation of Pr3+ in two kinds of bismuth-containing oxide glasses with lower phonon energies. *Physica B: Condensed Matter*, **2009**, 404, 1132-1136	2.8	9
58	Spectral power distribution and quantum yields of a Eu3+-doped heavy metal tellurite glass under the pumping of a violet light emitting diode. *Measurement Science and Technology*, **2007**, 18, 1348-1352	2	9
57	Differentiation of photon generation depended on electrospun configuration in Eu3+/Tb3+ doped polyacrylonitrile nanofibers. *Journal of Alloys and Compounds*, **2019**, 786, 1040-1050	5.7	8
56	Fluctuation of photon-releasing with ligand coordination in polyacrylonitrile-based electrospun nanofibers. *Scientific Reports*, **2020**, 10, 926	4.9	8
55	Nanofiber electrospinning in samarium complex-doped PMMA. *New Journal of Chemistry*, **2017**, 41, 15195–15203	3.3	8
54	Multichannel transition emissions of Dy3+ in fiber-adaptive germanium tellurite glasses. *Journal of Applied Physics*, **2013**, 113, 123507	2.5	8
53	Quantification of upconversion photon and thermosensitive feedback in Er3+/Yb3+ doped fluorotellurite glasses. *Journal of Luminescence*, **2020**, 222, 117184	3.8	7

52	Radiation and gain behaviors in Tm^3+-doped aluminum germanate substrate glasses and thermal ion-exchanged waveguide. *Journal of the Optical Society of America B: Optical Physics*, **2010**, 27, 990	1.7	7
51	Photon Quantization in Sm3+ Doped Red Glass Phosphors for Laser-Induced Illumination. *Physica Status Solidi (A) Applications and Materials Science*, **2018**, 215, 1700903	1.6	7
50	Upconversion photon quantification of holmium and erbium ions in waveguide-adaptive germanate glasses. *Applied Physics B: Lasers and Optics*, **2017**, 123, 1	1.9	6
49	High-aluminum phosphate glasses for single-mode waveguide-typed red light source. *Journal of Non-Crystalline Solids*, **2015**, 426, 25-31	3.9	6
48	Fluorescent Thermal Feedback in Ho3+/Yb3+ Doped Y2Ti2O7 Electrospun Nanofibers. *Journal of the Electrochemical Society*, **2020**, 167, 027510	3.9	6
47	Derivation of quantum yields for visible emission transitions of Sm3+ in heavy metal tellurite glass. *Optics Communications*, **2007**, 276, 122-126	2	6
46	Cerium and terbium ions doped strontium aluminosilicate polycrystalline phosphors. *Journal of Luminescence*, **2017**, 187, 85-91	3.8	5
45	Photon quantification of electrospun europium-complexes/PMMA submicron fibers. *Journal of Alloys and Compounds*, **2017**, 709, 620-626	5.7	5
44	Study of structures and properties of ZnO-Sb2O3-P2O5-Na2O glasses. *Materials Science-Poland*, **2014**, 32, 414-418	0.6	5
43	Revealing the multicolor mechanism in borotellurite glass phosphor: From individual emission of dual-modes to WLED applications. *Journal of Luminescence*, **2021**, 234, 117972	3.8	5
42	Upconversion photon quantification in Tm3+/Yb3+ doped aluminum germanate glasses for waveguide-typed irradiation light sources. *Optik*, **2016**, 127, 11544-11552	2.5	4
41	Bead-on-string fibers electrospun from terbium acetylacetonate hydrate doped poly methyl methacrylate. *Optical Materials Express*, **2018**, 8, 276	2.6	4
40	Visible photon multiplication in Ce3+□b3+doped borate glasses for enhanced solar cells. *Journal Physics D: Applied Physics*, **2014**, 47, 445101	3	4
39	Thermodynamic Properties of Rare-Earth Ions Doped Lithium-Yttrium-Aluminium-Silicate Glasses. *Advanced Materials Research*, **2013**, 651, 232-236	0.5	4
38	Hybrid excitation mechanism of upconversion fluorescence in hollow La2Ti2O7: Tm3+/Yb3+ submicron fibers. *Journal of Materials Science*, **2020**, 55, 4633-4645	4.3	4
37	Superiority of shortwave transparent glasses with moderate phonon energy in achieving effective radiations from 1D2 level of Pr3+. *Journal of Luminescence*, **2019**, 213, 51-60	3.8	3
36	Multiligand Europium Complexes Incorporated Polyvinylpyrrolidone for Enhanced Solar Cell. *Advances in Materials Science and Engineering*, **2019**, 2019, 1-13	1.5	3
35	Deagglomeration in Eu3+-activated Li2Gd4(MoO4)7 polycrystalline incorporated polymethyl methacrylate. *Optical Materials*, **2019**, 93, 76-84	3.3	3

34	Differentiation of photon generation in single- and bi- ligand europium complexes doped poly methyl methacrylate. *Journal of Non-Crystalline Solids*, **2016**, 448, 89-95	3.9	3
33	Rare Earth Doped Lanthanum Calcium Borate Polycrystalline Red Phosphors. *Advances in Materials Science and Engineering*, **2014**, 2014, 1-7	1.5	3
32	Absolute Luminous Flux and Quantum Yield of Sm3+-Doped Cadmium-Aluminum-Silicate Glasses under the Pumping of Blue Light Emitting Diode. *Applied Mechanics and Materials*, **2013**, 275-277, 1974-1977	0.3	3
31	Eu3+ doped high-brightness fluorophosphate laser-driven glass phosphors. *Optical Materials Express*, **2019**, 9, 1749	2.6	3
30	Quantification of excitation-power dependency in Tm3+/Yb3+ doped fluorotellurite upconverting glass phosphor for iris recognition. *Journal of Non-Crystalline Solids*, **2018**, 482, 1-8	3.9	3
29	Wide visible-range fluorescence of Eu located in the macroscopic bi-layer ceramic/glass composite.. *RSC Advances*, **2020**, 10, 19474-19481	3.7	2
28	Multiplier effect of sensitization for Dy3+ fluorescence in borosilicate glass phosphor. *Journal of Luminescence*, **2020**, 221, 117062	3.8	2
27	Near-infrared fluorescence in neodymium acetylacetonate hydrate doped poly methyl methacrylate. *Optical Engineering*, **2014**, 53, 057102	1.1	2
26	Dual-Feedbacked Temperature Sensing of Er3+ in Fusiform-Polycrystalline-Implanted BaYF5/PAN Electrospun Fibers. *Journal of Physical Chemistry C*, **2021**, 125, 12107-12117	3.8	2
25	Photon Conversion and Radiation Synergism in Eu/Tb Complexes Incorporated Poly Methyl Methacrylate. *Advances in Materials Science and Engineering*, **2016**, 2016, 1-11	1.5	2
24	Electrospun fibers embedded with microcrystal for optical temperature sensing. *Journal of Alloys and Compounds*, **2021**, 855, 157410	5.7	2
23	Full color white light, temperature self-monitor, and thermochromatic effect of Cu + and Tm 3+ codoped germanate glasses. *Journal of the American Ceramic Society*, **2021**, 104, 350-360	3.8	2
22	Fluorescence regulation derived from Euin miscible-order fluoride-phosphate blocky phosphor. *Nanotechnology*, **2021**, 32,	3.4	2
21	Rare-earth functioned Bi2WO6 nanofibers via electrospinning: Boosted catalytic performance and contact-free temperature monitoring on degradation process. *Colloids and Interface Science Communications*, **2021**, 44, 100494	5.4	2
20	Synthesis, gamma and neutron attenuation capacities of boron-tellurite glass system utilizing Phy-X/PSD database. *Materials Chemistry and Physics*, **2021**, 274, 125166	4.4	2
19	Evaluation of gamma and neutron shielding capacities of tellurite glass system with Phy-X simulation software. *Physica B: Condensed Matter*, **2022**, 634, 413433	2.8	2
18	Highly-Tunable Magnetic and Electric Responses in the Perforated Au-SiO2-Si Multilayer Nanoshells. *Plasmonics*, **2018**, 13, 259-264	2.4	1
17	Praseodymium ion doped K-Na thermal ion-exchangeable waveguide-adaptive aluminum germanate glasses. *Applied Optics*, **2018**, 57, 9022-9031	1.7	1

16	Preparation of ternary (35 x)Sb2O3–xBi2O3–65P2O5 glasses for lead-free glass application. *Materials Science-Poland*, **2020**, 38, 28-33	0.6	1
15	The thermo-optic relevance of Ho in fluoride microcrystals embedded in electrospun fibers.. *RSC Advances*, **2020**, 10, 41004-41012	3.7	1
14	Optical thermometry of Er3+ in electrospun yttrium titanate nanobelts. *New Journal of Chemistry*, **2021**, 45, 321-330	3.6	1
13	Gain anticipation of Ho3+ in ion-exchangeable germanate waveguide glasses. *Applied Physics B: Lasers and Optics*, **2018**, 124, 1	1.9	1
12	Nano-spider-web-like electrospun fibers of europium complexes doped polyvinylpyrrolidone for medical suture. *Optical Materials*, **2018**, 84, 38-45	3.3	1
11	Functional Materials with Wide-Spectral-Responsive Photocatalytic Activity and Real-Time Temperature Feedback: The Electrospun Fibers Embedded with NaGdF 4 -Tm-Yb@TiO 2 Nanocrystals. *Advanced Materials Interfaces*,2101869	4.6	0
10	A novel multifunctional BVO-T1Y8 porous nanofibers for multi-selective gas sensing and real-time temperature monitoring. *Chemical Engineering Journal*, **2022**, 431, 134175	14.7	0
9	Photon quantification in Ho/Yb co-doped opto-thermal sensitive fluotellurite glass phosphor. *Applied Optics*, **2020**, 59, 5752-5763	1.7	0
8	Cooperatively Responding Thermal Sensing in Erbium(III)-Functionalized NaGdF4/PAN Crystal-Implanted Fiber. *Journal of Physical Chemistry C*, **2021**, 125, 21018-21029	3.8	0
7	Color tunability imparted by multi-peak emissions of Eu3+ in fluoride-phosphate phosphors. *Materials Chemistry and Physics*, **2021**, 274, 125167	4.4	0
6	Excitability of high-energy ultraviolet radiation for Dy3+ in antimony phosphate glasses. *Materials Science-Poland*, **2017**, 35, 346-354	0.6	
5	Dependence of Thermodynamic and Optical Properties on Glass Compositions in Low-Phonon Energy Heavy-Metal Gallate Glass System. *Applied Mechanics and Materials*, **2013**, 319, 49-53	0.3	
4	Efficient radiation releasing in device-level glass ceramics driven by a blue laser. *Applied Optics*, **2020**, 59, 7012-7019	1.7	
3	Anti-escaping of incident laser in rare-earth doped fluoride ceramics with glass forming layer. *Scientific Reports*, **2019**, 9, 20372	4.9	
2	Crystal filament blended m-Bi(Er3+-Yb3+)VO4 fibers with temperature feedback and high-efficiency photocatalysis performance. *Applied Surface Science*, **2021**, 556, 149825	6.7	
1	Multichannel emissions from 5DJ metastable levels of Eu3+ in miscible-phase phosphors. *Journal of Luminescence*, **2021**, 238, 118285	3.8	