

Hai Guo

List of Publications by Year in descending order

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145
papers

6,616
citations

46918

47
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79541

73
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all docs

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docs citations

145
times ranked

3706
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible Upconversion in Rare Earth Ion-Doped Gd ₂ O ₃ Nanocrystals. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19205-19209.	1.2	438
2	A three-mode self-referenced optical thermometry based on up-conversion luminescence of Ca ₂ MgWO ₆ :Er ³⁺ ,Yb ³⁺ phosphors. <i>Chemical Engineering Journal</i> , 2021, 413, 127470.	6.6	195
3	Optical thermometry based on upconverted luminescence in transparent glass ceramics containing NaYF ₄ :Yb ³⁺ /Er ³⁺ nanocrystals. <i>Journal of Alloys and Compounds</i> , 2014, 617, 538-541.	2.8	186
4	Seed-mediated synthesis of NaYF ₄ :Yb, Er/NaGdF ₄ nanocrystals with improved upconversion fluorescence and MR relaxivity. <i>Nanotechnology</i> , 2010, 21, 125602.	1.3	149
5	Optical thermometry based on up-conversion luminescence behavior of self-crystallized K ₃ YF ₆ :Er ³⁺ glass ceramics. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 507-513.	4.0	146
6	Luminescence and self-referenced optical temperature sensing performance in Ca ₂ Y ₂ Zr ₂ Al ₃ O ₁₂ :Bi ³⁺ ,Eu ³⁺ phosphors. <i>Ceramics International</i> , 2020, 46, 6154-6159.	2.3	137
7	Ultraviolet light induced white light emission in Ag and Eu ³⁺ co-doped oxyfluoride glasses. <i>Optics Express</i> , 2010, 18, 18900.	1.7	129
8	Luminescence properties of Er ³⁺ -doped transparent NaYb ₂ F ₇ glass-ceramics for optical thermometry and spectral conversion. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9976-9985.	2.7	114
9	Highly sensitive optical thermometer based on FIR technique of transparent NaY ₂ F ₇ :Tm ³⁺ /Yb ³⁺ glass ceramic. <i>Journal of Alloys and Compounds</i> , 2020, 825, 154011.	2.8	114
10	Structure and optical properties of sol-gel derived Gd ₂ O ₃ waveguide films. <i>Applied Surface Science</i> , 2004, 230, 215-221.	3.1	111
11	Preparation, characterization, and strong upconversion of monodisperse Y ₂ O ₃ :Er ³⁺ ,Yb ³⁺ microspheres. <i>Optical Materials</i> , 2009, 31, 583-589.	1.7	111
12	Tunable white luminescence and energy transfer in (Cu ⁺) ₂ , Eu ³⁺ codoped sodium silicate glasses. <i>Optics Letters</i> , 2012, 37, 1670.	1.7	104
13	Na ₂ YMg ₂ (VO ₄) ₃ :Er ³⁺ ,Yb ³⁺ phosphors: Up-conversion and optical thermometry. <i>Ceramics International</i> , 2021, 47, 2600-2606.	2.3	101
14	Wide-range thermometry based on green up-conversion of Yb ³⁺ /Er ³⁺ co-doped KLu ₂ F ₇ transparent bulk oxyfluoride glass ceramics. <i>Journal of Luminescence</i> , 2018, 194, 219-224.	1.5	99
15	Photoluminescent properties of Sr ₂ SiO ₄ :Eu ³⁺ and Sr ₂ SiO ₄ :Eu ²⁺ phosphors prepared by solid-state reaction method. <i>Journal of Rare Earths</i> , 2009, 27, 323-326.	2.5	95
16	Near-infrared quantum cutting in Ce ³⁺ , Yb ³⁺ co-doped YBO ₃ phosphors by cooperative energy transfer. <i>Optical Materials</i> , 2010, 32, 998-1001.	1.7	93
17	Blue-white-green tunable luminescence from Ba ₂ Gd ₂ Si ₄ O ₁₃ :Ce ³⁺ ,Tb ³⁺ phosphors excited by ultraviolet light. <i>Optics Express</i> , 2010, 18, 27257.	1.7	88
18	Optical thermometry based on up-conversion luminescence of Tm ³⁺ doped transparent Sr ₂ YF ₇ glass ceramics. <i>Journal of Luminescence</i> , 2017, 192, 303-309.	1.5	88

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19	Structure and optical properties of rare earth doped Y ₂ O ₃ waveguide films derived by sol-gel process. <i>Thin Solid Films</i> , 2004, 458, 274-280.	0.8	87
20	Optical Thermometry Based on Upconversion Luminescence Behavior of Er ³⁺ -Doped Transparent Sr ₂ Yb ₇ Glass-Ceramics. <i>Journal of the American Ceramic Society</i> , 2015, 98, 3824-3830.	1.9	87
21	Enhanced luminescence via energy transfer from Ag ⁺ to RE ions (Dy ³⁺ , Sm ³⁺ , Tb ³⁺) in glasses. <i>Optics Express</i> , 2012, 20, 10122.	1.7	83
22	Thermal quenching and energy transfer in novel Bi ³⁺ /Mn ²⁺ -co-doped white-emitting borosilicate glasses for UV LEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2506-2512.	2.7	83
23	Wide-range thermometry based on green upconversion luminescence of K ₃ Lu ₆ :Yb ³⁺ /Er ³⁺ bulk oxyfluoride glass ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2108-2115.	1.9	80
24	Blue-White-Green Tunable Luminescence of Ce ³⁺ , Tb ³⁺ Co-doped Sodium Silicate Glasses for White LED's. <i>Journal of the American Ceramic Society</i> , 2012, 95, 34-36.	1.9	73
25	Sr ₂ GdF ₇ :Tm ³⁺ /Yb ³⁺ glass ceramic: A highly sensitive optical thermometer based on FIR technique. <i>Journal of Alloys and Compounds</i> , 2018, 735, 2544-2550.	2.8	73
26	Dual-emitting SrY ₂ O ₄ :Bi ³⁺ ,Eu ³⁺ phosphor for ratiometric temperature sensing. <i>Journal of Luminescence</i> , 2019, 216, 116737.	1.5	71
27	Blue upconversion of cubic Gd ₂ O ₃ :Er produced by green laser. <i>Journal of Alloys and Compounds</i> , 2004, 376, 23-27.	2.8	70
28	Tunable white luminescence and energy transfer in novel Cu ⁺ , Sm ³⁺ co-doped borosilicate glasses for W-LEDs. <i>Optics Express</i> , 2012, 20, 29743.	1.7	68
29	Intense upconversion in novel transparent NaLuF ₄ :Tb ³⁺ , Yb ³⁺ glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2013, 578, 385-388.	2.8	66
30	Optical thermometry based on up-conversion luminescence behavior of Er ³⁺ -doped KYb ₂ F ₇ nano-crystals in bulk glass ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 693, 326-331.	2.8	66
31	Elaboration and Luminescent Properties of Eu ³⁺ /Tb ³⁺ Co-doped GdPO ₄ -Based Glass Ceramics for White LED's. <i>Journal of the American Ceramic Society</i> , 2012, 95, 1178-1181.	1.9	65
32	Self-calibrated optical thermometer based on luminescence from SrLu ₂ O ₄ :Bi ³⁺ ,Eu ³⁺ phosphors. <i>RSC Advances</i> , 2018, 8, 35422-35428.	1.7	64
33	Y ₄ GeO ₈ :Er ³⁺ ,Yb ³⁺ up-conversion phosphors for optical temperature sensor based on FIR technique. <i>Journal of Rare Earths</i> , 2021, 39, 1512-1519.	2.5	63
34	Effect of heat-treatment temperature on the luminescent properties of Lu ₂ O ₃ :Eu film prepared by Pechini sol-gel method. <i>Applied Surface Science</i> , 2005, 243, 245-250.	3.1	62
35	Upconversion and temperature sensing properties of Na ₂ GdMg ₂ (VO ₄) ₃ :Yb ³⁺ ,Er ³⁺ phosphors. <i>Journal of the American Ceramic Society</i> , 2022, 105, 384-391.	1.9	61
36	Preparation, structural and luminescent properties of Ba ₂ Gd ₂ Si ₄₀ 13:Eu ³⁺ for white LEDs. <i>Optics Express</i> , 2011, 19, A201.	1.7	58

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37	Green and red upconversion luminescence in Er ³⁺ -doped and Er ³⁺ /Yb ³⁺ -codoped SrTiO ₃ ultrafine powders. <i>Journal of Alloys and Compounds</i> , 2006, 415, 280-283.	2.8	56
38	Preparation, structural and photoluminescent properties of CeO ₂ :Eu ³⁺ films derived by Pechini sol-gel process. <i>Applied Surface Science</i> , 2008, 254, 1961-1965.	3.1	55
39	Green and red upconversion luminescence in CeO ₂ :Er ³⁺ powders produced by 785nm laser. <i>Journal of Solid State Chemistry</i> , 2007, 180, 127-131.	1.4	53
40	Upconversion properties of Y ₂ O ₃ :Er films prepared by sol-gel method. <i>Journal of Rare Earths</i> , 2009, 27, 406-410.	2.5	53
41	Enhanced green upconversion in Tb ³⁺ -Yb ³⁺ co-doped oxyfluoride glass ceramics containing LaF ₃ nanocrystals. <i>Journal of Luminescence</i> , 2013, 137, 70-72.	1.5	53
42	Elaboration, Structure, and Luminescence of Eu ³⁺ -Doped BaLuF ₅ -Based Transparent Glass-Ceramics. <i>Journal of the American Ceramic Society</i> , 2013, 96, 798-800.	1.9	53
43	Cr ³⁺ -doped Bi ₂ Ga ₄ O ₉ -Bi ₂ Al ₄ O ₉ solid-solution phosphors: crystal-field modulation and lifetime-based temperature sensing. <i>Optics Letters</i> , 2017, 42, 4950.	1.7	53
44	Transparent Sr _{0.84} Lu _{0.16} F _{2.16} :Yb ³⁺ , Er ³⁺ glass ceramics: Elaboration, structure, up-conversion properties and applications. <i>Journal of the European Ceramic Society</i> , 2018, 38, 2753-2758.	2.8	52
45	Enhanced White Luminescence in Mixed-Valence Eu-Doped BaAl ₂ Si ₂ O ₈ Glass Ceramics for W-LEDs. <i>Journal of the Electrochemical Society</i> , 2012, 159, J223-J226.	1.3	49
46	Enhancement of Eu ³⁺ Luminescence by Ag ⁺ Species (Ag ⁺ NP _s) in Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (ML ⁺ Ag ⁺) Glasses. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3380-3382.	1.9	49
47	Highly efficient luminescence in bulk transparent Sr ₂ GdF ₇ :Tb ³⁺ glass ceramic for potential X-ray detection. <i>Ceramics International</i> , 2020, 46, 10718-10722.	2.3	49
48	Combined White Luminescence from Eu ³⁺ , ML ⁺ Ag ⁺ Particles and Ag ⁺ in Ag ⁺ -Doped Eu ³⁺ Co ²⁺ -Doped H ₃ BO ₃ -BaF ₂ Glasses. <i>Journal of the American Ceramic Society</i> , 2012, 95, 1208-1211.	1.9	47
49	Large enhancements of NaYF ₄ :Yb/Er/Gd nanorod upconversion emissions via coupling with localized surface plasmon of Au film. <i>Nanotechnology</i> , 2014, 25, 185401.	1.3	44
50	Enhanced tunable color emission in transparent Ag/Mn ²⁺ -codoped zinc borate glasses for broad band light source. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5183-5191.	2.7	44
51	Enhanced emissions in Tb ³⁺ -doped oxyfluoride scintillating glass ceramics containing KLu ₂ F ₇ nano-crystals. <i>Journal of Luminescence</i> , 2016, 170, 207-211.	1.5	44
52	Transparent Na ₅ Gd ₉ F ₃₂ :Er ³⁺ glass-ceramics: enhanced up-conversion luminescence and applications in optical temperature sensors. <i>RSC Advances</i> , 2017, 7, 35147-35153.	1.7	44
53	Tunable emission and energy transfer in single-phased Ba ₉ Lu ₂ Si ₆ O ₂₄ :Bi ³⁺ ,Eu ³⁺ for UV W-LEDs. <i>Journal of Luminescence</i> , 2018, 197, 291-296.	1.5	44
54	Effect of NH ₄ F Flux on Structural and Luminescent Properties of Sr ₂ SiO ₄ :Eu ²⁺ Phosphors Prepared by Solid-State Reaction Method. <i>Journal of the Electrochemical Society</i> , 2010, 157, J310.	1.3	43

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55	Synthesis and characterization of BaLuF5: Tb ³⁺ oxyfluoride glass ceramics as nanocomposite scintillator for X-ray imaging. <i>Ceramics International</i> , 2016, 42, 17834-17838.	2.3	43
56	High efficient near-infrared quantum cutting in Ce ³⁺ ,Yb ³⁺ co-doped LuBO ₃ phosphors. <i>Materials Chemistry and Physics</i> , 2011, 128, 191-194.	2.0	42
57	Splendid four-mode optical thermometry design based on thermochromic Cs ₃ GdGe ₃ O ₉ :Er ³⁺ phosphors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9492-9498.	2.7	42
58	Luminescent Properties of Eu-Doped Transparent Glass-Ceramics Containing YPO ₄ Nanocrystals. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1651-1653.	1.9	41
59	Adjustable emission and energy transfer process in BaGd ₂ O ₄ :Bi ³⁺ ,Eu ³⁺ phosphors. <i>Journal of Luminescence</i> , 2019, 206, 185-191.	1.5	39
60	Efficient near-infrared quantum cutting by Ce ³⁺ -Yb ³⁺ couple in GdBO ₃ phosphors. <i>Journal of Rare Earths</i> , 2011, 29, 822-825.	2.5	38
61	Luminescent properties of Na ₂ GdMg ₂ (VO ₄) ₃ :Eu ³⁺ red phosphors for NUV excited pc-WLEDs. <i>Ceramics International</i> , 2021, 47, 12320-12326.	2.3	37
62	Luminescence properties of hierarchical CaMoO ₄ microspheres derived by ionic liquid-assisted process. <i>Journal of Luminescence</i> , 2009, 129, 474-477.	1.5	36
63	Facile synthesis, structural and optical characterization of LnF ₃ :Re nanocrystals by ionic liquid-based hydrothermal process. <i>Journal of Luminescence</i> , 2009, 129, 861-866.	1.5	36
64	Sb ³⁺ /Mn ²⁺ co-doped tunable white emitting borosilicate glasses for LEDs. <i>Optics Letters</i> , 2012, 37, 4275.	1.7	36
65	Enhanced upconversion in novel KLu ₂ F ₇ :Er ³⁺ transparent oxyfluoride glass-ceramics. <i>Optical Materials Express</i> , 2014, 4, 1367.	1.6	36
66	Tunable white-light emission and energy transfer in single-phase Bi ³⁺ ,Eu ³⁺ co-doped Ba ₉ Y ₂ Si ₆ O ₂₄ phosphors for UV w-LEDs. <i>Journal of Luminescence</i> , 2019, 213, 494-503.	1.5	36
67	Elaboration, Structure, and Intense Upconversion in Transparent K ₂ Yb ₂ F ₇ :Ho ³⁺ Glass-Ceramics. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2012-2015.	1.5	35
68	Energy transfer and thermal stability in Bi ³⁺ /Eu ³⁺ co-doped germanium-borate glasses for organic-resin-free UV LEDs. <i>Optical Materials Express</i> , 2016, 6, 3574.	1.6	35
69	Photoluminescent properties of CeF ₃ :Tb ³⁺ nanodiskettes prepared by hydrothermal microemulsion. <i>Applied Physics B: Lasers and Optics</i> , 2006, 84, 365-369.	1.1	34
70	White luminescence and energy transfer process in Bi ³⁺ ,Sm ³⁺ co-doped Ca ₃ Al ₂ O ₆ phosphors. <i>Optical Materials</i> , 2015, 42, 233-236.	1.7	34
71	Tunable luminescence and energy transfer in Y ₂ BaAl ₄ SiO ₁₂ :Tb ³⁺ ,Eu ³⁺ phosphors for solid-state lighting. <i>Journal of Rare Earths</i> , 2021, 39, 284-290.	2.5	34
72	Two- and three-photon upconversion of LaOBr:Er ³⁺ . <i>Optical Materials</i> , 2007, 29, 1840-1843.	1.7	33

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73	Energy transfer and color-tunable emission in Ba ₂ Y ₂ Si ₄ O ₁₃ :Bi ³⁺ ,Eu ³⁺ phosphors. Journal of the American Ceramic Society, 2019, 102, 1822-1831.	1.9	33
74	Tunable emission with excellent thermal stability in single-phased SrY ₂ O ₄ :Bi ³⁺ ,Eu ³⁺ phosphors for UV-LEDs. Journal of Alloys and Compounds, 2018, 767, 403-408.	2.8	33
75	A novel single-phase Na _{3.6} Y _{1.8} (PO ₄) ₃ :Bi ³⁺ ,Eu ³⁺ phosphor for tunable and white light emission. Ceramics International, 2021, 47, 284-291.	2.3	33
76	Up-conversion luminescence properties and temperature sensing performances of Ba ₅ Y ₈ Zn ₄ O ₂₁ :Yb ³⁺ ,Er ³⁺ phosphors. Journal of Alloys and Compounds, 2021, 875, 159922.	2.8	32
77	Enhanced upconversion in Ho ³⁺ -doped transparent glass ceramics containing BaYbF ₅ nanocrystals. Journal of Luminescence, 2014, 152, 195-198.	1.5	31
78	Highly efficient Na ₅ Gd ₉ F ₃₂ :Tb ³⁺ glass ceramic as nanocomposite scintillator for X-ray imaging. Optical Materials Express, 2018, 8, 41.	1.6	31
79	Novel Upconversion Behavior in Ho ³⁺ -Doped Transparent Oxyfluoride Glass-Ceramics Containing NaYbF ₄ Nanocrystals. Journal of the American Ceramic Society, 2013, 96, 2073-2076.	1.9	30
80	Tunable broad photoluminescence in Cu ⁺ /Mn ²⁺ co-doped oxyfluoride glasses sintered in air atmosphere. Journal of Luminescence, 2018, 202, 186-191.	1.5	30
81	Down-shift and up-conversion luminescence in BaLuF ₅ :Er ³⁺ glass-ceramics. Journal of Luminescence, 2014, 151, 71-75.	1.5	29
82	Tunable photoemission and energy transfer of heavily Bi ³⁺ ,Eu ³⁺ co-doped Y ₄ GeO ₈ phosphors. Journal of Luminescence, 2021, 232, 117857.	1.5	29
83	Optical thermometry based fluorescence intensity ratio in Y ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ :Bi ³⁺ ,Eu ³⁺ phosphors. Journal of Alloys and Compounds, 2021, 885, 161010.	2.8	29
84	Improved photoluminescence and multi-mode optical thermometry of Er ³⁺ /Yb ³⁺ co-doped (Ba,Sr) ₃ Lu ₄ O ₉ phosphors. Ceramics International, 2022, 48, 3051-3058.	2.3	29
85	Transparent glass ceramics containing Lu ₆ O ₅ F ₈ :Tb ³⁺ nano-crystals: Enhanced photoluminescence and X-ray excited luminescence. Journal of the American Ceramic Society, 2018, 101, 1585-1591.	1.9	28
86	Dual-mode optical thermometry based on transparent NaY ₂ F ₇ :Er ³⁺ ,Yb ³⁺ glass-ceramics. Ceramics International, 2022, 48, 4023-4030.	2.3	27
87	Preparation and luminescent properties of Eu-doped transparent glass-ceramics containing SrF ₂ nanocrystals. Journal of Non-Crystalline Solids, 2011, 357, 2290-2293.	1.5	26
88	Enhanced up-conversion in Er ³⁺ -doped transparent glass-ceramics containing NaYbF ₄ nanocrystals. Journal of Luminescence, 2014, 152, 168-171.	1.5	26
89	Electrospinning synthesis and luminescent properties of Lu ₂ O ₃ :Eu ³⁺ nanofibers. Journal of Rare Earths, 2010, 28, 232-235.	2.5	25
90	Enhanced emissions in self-crystallized oxyfluoride scintillating glass ceramics containing K ₂ Tb ₂ F ₇ nanocrystals. Optical Materials Express, 2016, 6, 2201.	1.6	25

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91	Instant precipitation of $\text{KMgF}_3\text{:Ni}^{2+}$ nanocrystals with broad emission ($1.3 \times 2.2 \mu\text{m}$) for potential combustion gas sensors. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3890-3899.	1.9	25
92	Up-conversion properties of $\text{Ba}_3\text{Lu}_2\text{Zn}_5\text{O}_{11}\text{:Yb}^{3+}, \text{Er}^{3+}$ phosphors for optical thermometer based on FIR technique. <i>Journal of Luminescence</i> , 2021, 238, 118294.	1.5	25
93	Tb^{3+} doped transparent BaGdF_5 glass-ceramics scintillator for X-ray detector. <i>Journal of the American Ceramic Society</i> , 2020, 103, 2548-2554.	1.9	24
94	Dual-valence Ce doped UV-shielding glasses with high transparency and stability. <i>Ceramics International</i> , 2020, 46, 16032-16037.	2.3	24
95	Design, simulation, elaboration and luminescence of Tb^{3+} -doped $\text{Ba}_{0.84}\text{Gd}_{0.16}\text{F}_{2.16}$ fluoroaluminosilicate scintillating glass ceramics. <i>Journal of the European Ceramic Society</i> , 2021, 41, 6722-6728.	2.8	24
96	Intense broadband radioluminescence from an Mn^{2+} -doped aluminoborate glass scintillator. <i>Journal of Materials Chemistry C</i> , 2022, 10, 10382-10388.	2.7	24
97	Efficient visible to near-infrared energy transfer in $\text{Ce}^{3+}\text{-Yb}^{3+}$ co-doped Y_2SiO_5 phosphors. <i>Optical Materials</i> , 2012, 34, 1034-1036.	1.7	23
98	Enhanced up-conversion luminescence and temperature sensing property of $\text{Ba Sr Lu}_4\text{O}_9\text{:Tm}^{3+}/\text{Yb}^{3+}$ phosphors. <i>Ceramics International</i> , 2021, 47, 32290-32296.	2.3	23
99	Blue-green color-tunable emissions in novel transparent $\text{Sr}_2\text{LuF}_7\text{:Eu/Tb}$ glass-ceramics for WLEDs. <i>Chinese Optics Letters</i> , 2020, 18, 051601.	1.3	23
100	Origin of White Luminescence in Ag-Eu Co-doped Oxyfluoride Glasses. <i>Journal of the Electrochemical Society</i> , 2011, 158, J165.	1.3	22
101	Luminescence and energy transfer process in $\text{Cu}^+, \text{Sm}^{3+}$ co-doped sodium silicate glasses. <i>Optical Materials Express</i> , 2014, 4, 315.	1.6	22
102	Photoluminescence and X-ray excited scintillating properties of Tb^{3+} -doped borosilicate aluminate glass scintillators. <i>Ceramics International</i> , 2022, 48, 17178-17184.	2.3	21
103	Thermodynamic Stabilities, Electronic Properties, and Optical Transitions of Intrinsic Defects and Lanthanide Ions (Ce^{3+} , Eu^{2+} , and Eu^{3+}) in $\text{Li}_2\text{SrSiO}_4$. <i>Inorganic Chemistry</i> , 2018, 57, 6142-6151.	1.9	20
104	Optical thermometry based on up-conversion luminescence behavior in $\text{BaGdF}_5\text{:Er}^{3+}$ glass ceramics. <i>Journal of Luminescence</i> , 2020, 220, 116971.	1.5	20
105	Adjustable white luminescence and high thermal stability in $\text{Eu}^{2+}/\text{Eu}^{3+}/\text{Tb}^{3+}/\text{Al}$ co-doped aluminosilicate oxyfluoride glass. <i>Journal of Alloys and Compounds</i> , 2020, 846, 156435.	2.8	20
106	Optical thermometry based on the thermal coupling of low-lying levels of Sm^{3+} in highly stable NaGdF_4 glass ceramics. <i>Journal of Alloys and Compounds</i> , 2021, 867, 159160.	2.8	20
107	Transparent heavily Eu^{3+} -doped boroaluminate glass for X-ray detection. <i>Ceramics International</i> , 2022, 48, 947-952.	2.3	20
108	Upconversion Luminescence of $\text{SrTiO}_3\text{:Er}^{3+}$ Ultrafine Powders Produced by 785 nm Laser. <i>Chinese Journal of Chemical Physics</i> , 2008, 21, 233-238.	0.6	19

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109	Spectral conversion from green to red in Yb ³⁺ /Ho ³⁺ :Sr ₂ GdF ₇ glass ceramics via Ce ³⁺ doping. Journal of Luminescence, 2018, 201, 493-499.	1.5	18
110	Luminescence and energy transfer of Sb ³⁺ /Dy ³⁺ co-doped magnesium sodium-phosphate glasses. Optical Materials Express, 2017, 7, 2899.	1.6	17
111	Energy transfer and highly thermal stability in single-phase SrY ₂ O ₄ :Bi ³⁺ ,Sm ³⁺ phosphors for UV-LEDs. Journal of Luminescence, 2020, 228, 117606.	1.5	17
112	Excitation-wavelength-dependent anti-thermal quenching of upconversion luminescence in hexagonal NaGdF ₄ :Nd ³⁺ /Yb ³⁺ /Er ³⁺ nanocrystals. Journal of Materials Chemistry C, 2022, 10, 5109-5115.	2.7	17
113	Luminescence of Eu ³⁺ -Doped Transparent LuPO ₄ Glass. Ceramics. Journal of the American Ceramic Society, 2013, 96, 369-371.	1.9	15
114	Tunable white light and energy transfer of Eu ²⁺ /Tb ³⁺ /Eu ³⁺ tri ⁺ activated glasses synthesized in air. Journal of the American Ceramic Society, 2019, 102, 6777-6786.	1.9	15
115	Highly transparent cerium doped glasses with full ⁺ band UV ⁺ shielding capacity. Journal of the American Ceramic Society, 2020, 103, 3249-3256.	1.9	15
116	Heavily Doped Semiconductor Colloidal Nanocrystals as Ultra-Broadband Switches for Near-Infrared and Mid-Infrared Pulse Lasers. ACS Applied Materials & Interfaces, 2019, 11, 40416-40423.	4.0	14
117	Luminescence and Energy Transfer Process in YNbO ₄ :Bi ³⁺ / Sm ³⁺ Phosphors. Science of Advanced Materials, 2017, 9, 349-352.	0.1	14
118	Self-crystallized novel transparent Na ₅ Yb ₉ F ₃₂ : Er ³⁺ glass-ceramics for optical thermometry and spectral conversion. Journal of Alloys and Compounds, 2017, 722, 669-675.	2.8	13
119	Dual valence Eu-doped phospho-alumino-silicate glass-ceramics containing Ba ₃ AlO ₃ PO ₄ nanocrystals for W-LEDs. RSC Advances, 2017, 7, 53839-53845.	1.7	13
120	Energy transfer and white luminescence in Bi ³⁺ /Eu ³⁺ co-doped oxide glasses. Journal of Luminescence, 2020, 219, 116918.	1.5	13
121	Luminescent properties of Cu ⁺ doped aluminosilicate glasses: Effect of optical basicity and doping content. Journal of Luminescence, 2020, 226, 117518.	1.5	12
122	Self ⁺ reduction of Eu ³⁺ to Eu ²⁺ in europium ⁺ doped Li ₂ B ₄ O ₇ glass prepared in air. Journal of the American Ceramic Society, 2020, 103, 3119-3125.	1.9	12
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