Qingfeng Guo

List of Publications by Year in descending order

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33 papers	752 citations	567281 15 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	569 citing authors

#	Article	IF	Citations
1	Optical Pressure Sensor Based on the Emission and Excitation Band Width (fwhm) and Luminescence Shift of Ce³⁺-Doped Fluorapatiteâ€"High-Pressure Sensing. ACS Applied Materials & Interfaces, 2019, 11, 4131-4138.	8.0	88
2	A novel single-phase white light emitting phosphor Ca₉La(PO₄)₅(SiO₄)F₂:Dy³⁺: synthesis, crystal structure and luminescence properties. RSC Advances, 2016, 6, 24577-24583.	3.6	69
3	Luminescence properties and energy transfer in La6Ba4(SiO4)6F2:Ce3+,Tb3+ phosphors. Journal of Luminescence, 2014, 145, 65-70.	3.1	67
4	A novel apatite, Lu₅(SiO₄)₃N:(Ce,Tb), phosphor material: synthesis, structure and applications for NUV-LEDs. Physical Chemistry Chemical Physics, 2016, 18, 15545-15554.	2.8	65
5	Novel emission-tunable oxyapatites-type phosphors: Synthesis, luminescent properties and the applications in white light emitting diodes with higher color rendering index. Dyes and Pigments, 2017, 139, 361-371.	3.7	44
6	Ca9La(PO4)5(SiO4)Cl2:Dy3+: A white-emitting apatite-type phosphor pumped for n-UV w-LEDs. Journal of Luminescence, 2017, 181, 407-410.	3.1	44
7	Preparation, crystal structure and luminescence properties of a novel single-phase red emitting phosphor CaSr₂(PO₄)₂:Sm³⁺,Li⁺. RSC Advances, 2019, 9, 4834-4842.	3.6	44
8	Synthesis, broad-band absorption and luminescence properties of blue-emitting phosphor Sr8La2(PO4)6O2:Eu2+ for n-UV white-light-emitting diodes. Ceramics International, 2014, 40, 13709-13713.	4.8	36
9	A novel reddish-orange fluorapatite phosphor, La6-Ba4(SiO4)6F2: xSm3+ - Structure, luminescence and energy transfer properties. Journal of Alloys and Compounds, 2018, 757, 79-86.	5.5	35
10	Structure and luminescence properties of La₆Ba₄(SiO₄)₆F₂:Dy³⁺ phosphor with apatite structure. RSC Advances, 2018, 8, 38883-38890.	3.6	29
11	Color-tunable luminescence properties and energy transfer of Tb3+/Sm3+ co-doped Ca9La(PO4)5(SiO4)F2 phosphors. Optics and Laser Technology, 2019, 111, 191-195.	4.6	27
12	Crystal structure and luminescence properties of novel Sr10â^'(SiO4)3(SO4)3O:xEu2+ phosphor with apatite structure. Ceramics International, 2016, 42, 11687-11691.	4.8	26
13	Anti-Defect engineering toward high luminescent efficiency in whitlockite phosphors. Chemical Engineering Journal, 2022, 434, 134652.	12.7	24
14	A novel phosphor of Eu3+-activated Na3GaF6: Synthesis, structure, and luminescence properties. Journal of Luminescence, 2018, 203, 391-395.	3.1	22
15	Luminescence properties and energy transfer investigations of Ba₂La_{2.85â^'x}Tb_{0.15}Eu_x(SiO₄)₃F multicolor phosphor. RSC Advances, 2018, 8, 27332-27341.	3.6	18
16	Luminescence properties and energy transfer of K₃LuF₆:Tb³⁺,Eu³⁺ multicolor phosphors with a cryolite structure. RSC Advances, 2019, 9, 4295-4302.	3.6	12
17	Structure and luminescence properties of multicolor phosphor Ba₂La₃(GeO₄)₃F:Tb³⁺,Eu³⁺. RSC Advances, 2019, 9, 35717-35726.	3.6	12
18	Structure and Photoluminescence Properties of Dy3+ Doped Phosphor with Whitlockite Structure. Materials, 2022, 15, 2177.	2.9	12

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19	Preparation, structure and up-conversion luminescence properties of novel cryolite K3YF6:Er3+, Yb3+. RSC Advances, 2020, 10, 1658-1665.	3.6	8
20	Synthesis and up-conversion luminescence properties of a novel K3ScF6: Yb3+, Tm3+ material with cryolite structure. Journal of Luminescence, 2020, 224, 117285.	3.1	8
21	Structure, optical characteristics and temperature sensing performance studies of Cs3YF6: Er3+, Yb3+ up-conversion material with cryolite structure. Journal of Solid State Chemistry, 2022, 306, 122720.	2.9	8
22	Crystal structure and luminescence properties of green-emitting Sr1â^'Al12O19:xEu2+ phosphors. Ceramics International, 2016, 42, 5995-5999.	4.8	7
23	Crystal structure and up-conversion luminescence properties of K3ScF6:Er3+,Yb3+ cryolite. Journal of Alloys and Compounds, 2020, 848, 156336.	5.5	7
24	Structure and luminescence properties of a novel broadband green-emitting oxyapatite-type phosphor. RSC Advances, 2020, 10, 11608-11614.	3.6	7
25	Influence of dysprosium concentration on sensitivity of luminescent thermometers of phosphors Ca9Tb(PO4)5(SiO4)F2. Journal of Rare Earths, 2021, 39, 946-951.	4.8	7
26	A novel Eu²⁺/Tb³⁺ coâ€doped phosphor with pyroxene structure applied for cryogenic thermometric sensing. Journal of the American Ceramic Society, 2022, 105, 2903-2913.	3.8	6
27	Color and genesis of californite from Pakistan: insights from Î¼-XRF mapping, optical spectra and X-ray photoelectron spectroscopy. Scientific Reports, 2020, 10, 285.	3.3	5
28	Crystal structure and luminescence properties of a novel cryolite-type K3LuF6:Ce3+ phosphor. Journal of Solid State Chemistry, 2019, 277, 32-36.	2.9	4
29	Composition Determination and Cathodoluminescence of Natural Apatite from Different Phosphate Deposits in Northern China. Jom, 2014, 66, 992-997.	1.9	3
30	Controllable crystal form transformation and luminescence properties of up-conversion luminescent material K₃Sc_{0.5}Lu_{0.5}F₆: Er³⁺, Yb³⁺ with cryolite structure. RSC Advances, 2021, 11, 30006-30019.	3.6	2
31	Study of the mechanism of color change of prehnite after heat treatment. RSC Advances, 2022, 12, 3044-3054.	3.6	2
32	Recent research progress of luminescent materials with apatite structure: A review. Open Ceramics, 2022, 10, 100251.	2.0	2
33	Mineralogical Characteristics and Luminescent Properties of Natural Fluorite with Three Different Colors. Materials, 2022, 15, 1983.	2.9	1