

Qingfeng Guo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure, optical characteristics and temperature sensing performance studies of Cs ₃ YF ₆ : Er ³⁺ , Yb ³⁺ up-conversion material with cryolite structure. <i>Journal of Solid State Chemistry</i> , 2022, 306, 122720.	2.9	8
2	Study of the mechanism of color change of prehnite after heat treatment. <i>RSC Advances</i> , 2022, 12, 3044-3054.	3.6	2
3	Anti-Defect engineering toward high luminescent efficiency in whitlockite phosphors. <i>Chemical Engineering Journal</i> , 2022, 434, 134652.	12.7	24
4	Structure and Photoluminescence Properties of Dy ³⁺ Doped Phosphor with Whitlockite Structure. <i>Materials</i> , 2022, 15, 2177.	2.9	12
5	Mineralogical Characteristics and Luminescent Properties of Natural Fluorite with Three Different Colors. <i>Materials</i> , 2022, 15, 1983.	2.9	1
6	A novel Eu ²⁺ /Tb ³⁺ co-doped phosphor with pyroxene structure applied for cryogenic thermometric sensing. <i>Journal of the American Ceramic Society</i> , 2022, 105, 2903-2913.	3.8	6
7	Recent research progress of luminescent materials with apatite structure: A review. <i>Open Ceramics</i> , 2022, 10, 100251.	2.0	2
8	Influence of dysprosium concentration on sensitivity of luminescent thermometers of phosphors Ca ₉ Tb(PO ₄) ₅ (SiO ₄)F ₂ . <i>Journal of Rare Earths</i> , 2021, 39, 946-951.	4.8	7
9	Controllable crystal form transformation and luminescence properties of up-conversion luminescent material K ₃ Sc _{0.5} Lu _{0.5} F ₆ : Er ³⁺ , Yb ³⁺ with cryolite structure. <i>RSC Advances</i> , 2021, 11, 30006-30019.	3.6	2
10	Crystal structure and up-conversion luminescence properties of K ₃ ScF ₆ :Er ³⁺ ,Yb ³⁺ cryolite. <i>Journal of Alloys and Compounds</i> , 2020, 848, 156336.	5.5	7
11	Preparation, structure and up-conversion luminescence properties of novel cryolite K ₃ YF ₆ :Er ³⁺ , Yb ³⁺ . <i>RSC Advances</i> , 2020, 10, 1658-1665.	3.6	8
12	Color and genesis of californite from Pakistan: insights from ¹⁴ XRF mapping, optical spectra and X-ray photoelectron spectroscopy. <i>Scientific Reports</i> , 2020, 10, 285.	3.3	5
13	Structure and luminescence properties of a novel broadband green-emitting oxyapatite-type phosphor. <i>RSC Advances</i> , 2020, 10, 11608-11614.	3.6	7
14	Synthesis and up-conversion luminescence properties of a novel K ₃ ScF ₆ : Yb ³⁺ , Tm ³⁺ material with cryolite structure. <i>Journal of Luminescence</i> , 2020, 224, 117285.	3.1	8
15	Luminescence properties and energy transfer of K ₃ LuF ₆ :Tb ³⁺ ,Eu ³⁺ multicolor phosphors with a cryolite structure. <i>RSC Advances</i> , 2019, 9, 4295-4302.	3.6	12
16	Crystal structure and luminescence properties of a novel cryolite-type K ₃ LuF ₆ :Ce ³⁺ phosphor. <i>Journal of Solid State Chemistry</i> , 2019, 277, 32-36.	2.9	4
17	Preparation, crystal structure and luminescence properties of a novel single-phase red emitting phosphor CaSr ₂ (PO ₄) ₂ :Sm ³⁺ ,Li ⁺ . <i>RSC Advances</i> , 2019, 9, 4834-4842.	3.6	44
18	Structure and luminescence properties of multicolor phosphor Ba ₂ La ₃ (GeO ₄) ₃ F:Tb ³⁺ ,Eu ³⁺ . <i>RSC Advances</i> , 2019, 9, 35717-35726.	3.6	12

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19	Optical Pressure Sensor Based on the Emission and Excitation Band Width (fwhm) and Luminescence Shift of Ce ³⁺ -Doped Fluorapatite High-Pressure Sensing. ACS Applied Materials & Interfaces, 2019, 11, 4131-4138.	8.0	88
20	Color-tunable luminescence properties and energy transfer of Tb ³⁺ /Sm ³⁺ co-doped Ca ₉ La(PO ₄) ₅ (SiO ₄) ₂ phosphors. Optics and Laser Technology, 2019, 111, 191-195.	4.6	27
21	Structure and luminescence properties of La ₆ Ba ₄ (SiO ₄) ₆ F ₂ :Dy ³⁺ phosphor with apatite structure. RSC Advances, 2018, 8, 38883-38890.	3.6	29
22	A novel phosphor of Eu ³⁺ -activated Na ₃ GaF ₆ : Synthesis, structure, and luminescence properties. Journal of Luminescence, 2018, 203, 391-395.	3.1	22
23	Luminescence properties and energy transfer investigations of Ba ₂ La _{2.85x} Tb _{0.15} Eu _x (SiO ₄) ₃ F ₃ multicolor phosphor. RSC Advances, 2018, 8, 27332-27341.	3.6	18
24	A novel reddish-orange fluorapatite phosphor, La ₆ -Ba ₄ (SiO ₄) ₆ F ₂ : xSm ³⁺ - Structure, luminescence and energy transfer properties. Journal of Alloys and Compounds, 2018, 757, 79-86.	5.5	35
25	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
26	Ca ₉ La(PO ₄) ₅ (SiO ₄)Cl ₂ :Dy ³⁺ : A white-emitting apatite-type phosphor pumped for n-UV w-LEDs. Journal of Luminescence, 2017, 181, 407-410.	3.1	44
27	Crystal structure and luminescence properties of novel Sr ₁₀ (SiO ₄) ₃ (SO ₄) ₃ O:xEu ²⁺ phosphor with apatite structure. Ceramics International, 2016, 42, 11687-11691.	4.8	26
28	A novel apatite, Lu ₅ (SiO ₄) ₃ N:(Ce,Tb), phosphor material: synthesis, structure and applications for NUV-LEDs. Physical Chemistry Chemical Physics, 2016, 18, 15545-15554.	2.8	65
29	Crystal structure and luminescence properties of green-emitting Sr ₁₀ Al ₂ O ₁₉ :xEu ²⁺ phosphors. Ceramics International, 2016, 42, 5995-5999.	4.8	7
30	A novel single-phase white light emitting phosphor Ca ₉ La(PO ₄) ₅ (SiO ₄) ₂ F ₂ :Dy ³⁺ : synthesis, crystal structure and luminescence properties. RSC Advances, 2016, 6, 24577-24583.	3.6	69
31	Luminescence properties and energy transfer in La ₆ Ba ₄ (SiO ₄) ₆ F ₂ :Ce ³⁺ ,Tb ³⁺ phosphors. Journal of Luminescence, 2014, 145, 65-70.	3.1	67
32	Composition Determination and Cathodoluminescence of Natural Apatite from Different Phosphate Deposits in Northern China. Jom, 2014, 66, 992-997.	1.9	3
33	Synthesis, broad-band absorption and luminescence properties of blue-emitting phosphor Sr ₈ La ₂ (PO ₄) ₆ O ₂ :Eu ²⁺ for n-UV white-light-emitting diodes. Ceramics International, 2014, 40, 13709-13713.	4.8	36