

Rui Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation, structure and luminescence properties of Ce ³⁺ activated translucent glass ceramics containing garnet microcrystals. <i>Journal of Non-Crystalline Solids</i> , 2022, 585, 121530.	3.1	0
2	Core-Shell NaYF ₄ :Yb ³⁺ /Tm ³⁺ @NaGdF ₄ :Ce ³⁺ /Eu ³⁺ Nanoparticles for Upconversion and Downconversion Dual-Mode Fluorescence-Based Temperature Sensing. <i>ACS Applied Nano Materials</i> , 2022, 5, 9266-9276.	5.0	10
3	Surface modification of K ₂ TiF ₆ :Mn ⁴⁺ phosphor with SrF ₂ coating to enhance water resistance. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1106-1113.	2.1	20
4	Structure and luminescence properties of Ce ³⁺ -activated BaLu ₂ Al ₂ Ga ₂ SiO ₁₂ persistent phosphors for optical information storage. <i>Optical Materials</i> , 2021, 120, 111391.	3.6	4
5	Synthesis, Structure, and Photoelectric Properties of a Novel 0-Dimensional Organic-Inorganic Hybrid Perovskite (2-5-py) ₂ MnBr ₄ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 22898-22906.	3.1	13
6	Structure, luminescence and energy transfer of Eu _{2,3} /Tb ³⁺ co-doped transparent glass ceramics containing $\hat{1}$ -Ca ₃ (PO ₄) ₂ nanocrystals. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152661.	5.5	10
7	Enhanced luminescence intensity of near-infrared-sensitized upconversion nanoparticles <i>via</i> Ca ²⁺ doping for a nitric oxide release platform. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6481-6489.	5.8	11
8	A novel Ce ³⁺ :Y ₃ Al ₅ O ₁₂ and Eu ²⁺ :Sr ₂ Si ₅ N ₈ dual phosphors-in-glass thick film for warm white LED. <i>Materials Letters</i> , 2018, 221, 31-34.	2.6	23
9	pH-sensitive nanocarriers for <i>Ganoderma applanatum</i> polysaccharide release via host-guest interactions. <i>Journal of Materials Science</i> , 2018, 53, 7963-7975.	3.7	11
10	Fabrication of oriented oxide films from exfoliated yttrium hydroxide layers: Enhanced photoluminescence and unexplored behavior of energy transfer. <i>Journal of Alloys and Compounds</i> , 2018, 763, 815-821.	5.5	16
11	Impact of heat treatment on the Mn ²⁺ doped transparent glass ceramics containing NaZnPO ₄ nanocrystals. <i>Materials Letters</i> , 2017, 189, 172-175.	2.6	7
12	Largely enhanced electrochemical performance in MoO _{3-x} nanobelts formed by a <i>œsauna reaction</i> : Importance of oxygen vacancies. <i>Electrochimica Acta</i> , 2017, 239, 16-24.	5.2	65
13	Preparation and luminescent performances of transparent screen-printed Ce ³⁺ :Y ₃ Al ₅ O ₁₂ phosphors-in-glass thick films for remote white LEDs. <i>Journal of Alloys and Compounds</i> , 2017, 720, 340-344.	5.5	38
14	The white light emission properties of Tm ³⁺ /Tb ³⁺ /Sm ³⁺ triply doped SrO-ZnO-P ₂ O ₅ glass. <i>Journal of Non-Crystalline Solids</i> , 2015, 427, 10-15.	3.1	69
15	A new-generation color converter for high-power white LED: transparent Ce ³⁺ :YAG phosphor-in-glass. <i>Laser and Photonics Reviews</i> , 2014, 8, 158-164.	8.7	519
16	Ce ³⁺ :Pr ³⁺ :YAG: A Long Persistent Phosphor Activated by Blue-Light. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2539-2545.	3.8	78
17	Tuning of multicolor emissions in glass ceramics containing $\hat{1}$ ³ -Ga ₂ O ₃ and $\hat{1}$ ² -YF ₃ nanocrystals. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1804.	5.5	57