

Lixin Yu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	White emitting 5ZnO-(5 \times 2.5x)Ga ₂ O ₃ -2.5xAl ₂ O ₃ 90SiO ₂ glass ceramic embedded with Mn doped Zn(Ga,Al) ₂ O ₄ nanocrystals. <i>Ceramics International</i> , 2022, 48, 5752-5758.	4.8	0
2	Full-color-emission carbon quantum dots by controlling surface states in a system of solvent. <i>Journal of Luminescence</i> , 2022, 243, 118614.	3.1	8
3	Garnet-type far-red emitting Li ₆ CaLa ₂ Nb ₂ O ₁₂ : Mn ⁴⁺ , Bi ³⁺ phosphor for full-spectrum white LED. <i>Journal of Luminescence</i> , 2022, 243, 118649.	3.1	14
4	In-air self-reduction synthesis and luminescence properties from Mg ₂₁ Ca ₄ Na ₄ (PO ₄) ₁₈ :Eu ²⁺ /Eu ³⁺ excited using ultraviolet light. <i>Luminescence</i> , 2021, 36, 1072-1077.	2.9	2
5	Self-reduction synthesis and luminescence properties of Eu, Dy co-doped SrMg ₂ (PO ₄) ₂ phosphor. <i>Luminescence</i> , 2021, 36, 914-922.	2.9	2
6	Self-reduction mechanism and luminescence properties of Eu ²⁺ -Eu ³⁺ doped strontium pyrophosphate. <i>Materials Today Communications</i> , 2021, 26, 102008.	1.9	2
7	Dual emissive carbon dots with one-pot synthesized and their tunable luminescence. <i>Optik</i> , 2021, 231, 166394.	2.9	5
8	Rare earth ion (RE=Tb/Eu/Dy) doped nanocrystalline oxyfluoride glass-ceramic 5BaF ₂ 95SiO ₂ . <i>Journal of the American Ceramic Society</i> , 2021, 104, 5317-5327.	3.8	2
9	Effects of fluxes on preparation and luminescence properties of CaSi ₂ O ₇ :Eu ²⁺ phosphors. <i>Optical Materials</i> , 2021, 117, 111203.	3.6	4
10	Broadband excited Na ₃ Tb(PO ₄) ₂ :Ce ³⁺ /Eu ²⁺ green/yellow-emitting phosphors with high color purity for LED-based application. <i>Journal of the American Ceramic Society</i> , 2021, 104, 5848-5858.	3.8	6
11	Photoluminescent properties and energy transfer mechanism of Tb ³⁺ -Ce ³⁺ doped CaSi ₂ O ₇ oxynitride phosphors. <i>Materials Research Bulletin</i> , 2020, 124, 110769.	5.2	8
12	Eu ³⁺ /Eu ²⁺ -doped xAl ₂ O ₃ -ySiO ₂ and xAl ₂ O ₃ -zMgO composites phosphors. <i>Luminescence</i> , 2020, 35, 418-426.	2.9	1
13	Structure and up-conversion emission of Er ³⁺ /Yb ³⁺ -doped 5B ₂ O ₃ 5SrO90SiO ₂ nanostructured glass and glass-ceramics. <i>Journal of Optics (India)</i> , 2020, 49, 332-337.	1.7	0
14	In-air self-reduction synthesis and colour tunable luminescence from SrBPO ₅ :Eu ²⁺ /Eu ³⁺ excited using ultraviolet light. <i>Luminescence</i> , 2020, 35, 1199-1205.	2.9	5
15	Self-assembled three-dimension flower-like nickel hydroxide synthesis with one-pot hydrothermal method for electrochemical applications. <i>Materials Letters</i> , 2020, 264, 127358.	2.6	5
16	The structure and luminescence properties of Mn ²⁺ /Eu ²⁺ /Er ³⁺ -doped MgO-Ga ₂ O ₃ -SiO ₂ glasses and glass-ceramics. <i>Luminescence</i> , 2019, 34, 830-837.	2.9	1
17	Synthesis and photoluminescence of Yb ²⁺ /Dy ³⁺ doped Ca ₂ Si ₃ O ₇ oxynitride phosphors. <i>Journal of Luminescence</i> , 2019, 215, 116643.	3.1	2
18	The self-reduction synthesis and luminescent properties of Eu ²⁺ -Eu ³⁺ activated BaZr _{0.2} Si ₂ O _{5.4} phosphors with white light emission for white light-emitting diodes. <i>Modern Physics Letters B</i> , 2018, 32, 1850047.	1.9	2

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19	Photoluminescent properties of Eu^{3+} and Eu^{2+} activated $\text{MgAl}_2\text{SiO}_5$ ($\text{M} = \text{Mg, Ca, Sr, Ba}$) phosphors prepared in air. <i>Luminescence</i> , 2018, 33, 391-398.	2.9	7
20	The self-reduction synthesis and luminescent properties of $\text{Eu}^{2+}/\text{Eu}^{3+}$ activated $\text{BaZrSi}_3\text{O}_{7+2x}$ phosphors with white light emission for white light-emitting diodes. <i>Luminescence</i> , 2018, 33, 1387-1393.	2.9	4
21	The self-reduction synthesis and luminescent properties of color-tunable $\text{BaSn}_x\text{Si}_3\text{O}_{7+2x}$: Eu^{2+} - Eu^{3+} phosphors with high quantum efficiency for white light-emitting diodes. <i>Ceramics International</i> , 2018, 44, 18656-18662.	4.8	13
22	Synthesis and photoluminescent properties of $\text{Eu}^{3+}/\text{Dy}^{3+}$ doped $\text{SrO-Al}_2\text{O}_3\text{-SiO}_2$ glass-ceramics. <i>Journal of Rare Earths</i> , 2017, 35, 446-452.	4.8	16
23	Microstructure and luminescent properties of $\text{MgO-Ga}_2\text{O}_3\text{-SiO}_2$ glass-ceramics doped with Eu/Ce induced by atmosphere and heated temperature. <i>Journal of Non-Crystalline Solids</i> , 2017, 470, 86-92.	3.1	4
24	In-air self-reduction synthesis and photoluminescent properties of Eu^{2+} - Eu^{3+} activated $\text{CaAl}_2\text{SiO}_4$ phosphors. <i>Ceramics International</i> , 2016, 42, 7968-7973.	4.8	27
25	The synthesis and the photocatalytic degradation property of the nano- MoS_2 . <i>Functional Materials Letters</i> , 2016, 09, 1650065.	1.2	9
26	The photoluminescent properties of europium and terbium ions co-doped one-dimensional gadolinium orthophosphate nanorods and microcrystals. <i>Spectroscopy Letters</i> , 2016, 49, 311-318.	1.0	2
27	Microstructure and photoluminescent properties of $\text{MgO-Al}_2\text{O}_3\text{-SiO}_2$ silicate glass-ceramics doped with Eu^{3+} and Dy^{3+} . <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 430-437.	2.4	4
28	Up-conversion and near infrared luminescence in $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped glass-ceramic containing MgGa_2O_4 nano-crystals. <i>Journal of Luminescence</i> , 2016, 170, 444-450.	3.1	8
29	The Structures and Photoluminescent Properties of Eu^{3+} and Dy^{3+} in $\text{MgO-Ga}_2\text{O}_3\text{-SiO}_2$ Nanocrystalline Glass-Ceramic. <i>Journal of Bionanoscience</i> , 2014, 8, 116-121.	0.4	1
30	Photoluminescent properties of Eu^{3+} and Tb^{3+} codoped Gd_2O_3 nanowires and bulk materials. <i>Journal of Rare Earths</i> , 2013, 31, 1063-1068.	4.8	21
31	The Progress of Nanocrystals Doped with Rare Earth Ions. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-9.	2.7	17
32	Preparation and characterization of linear low-density polyethylene/dickite nanocomposites prepared by the direct melt blending of linear low-density polyethylene with exfoliated dickite. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1736-1743.	2.6	12
33	Study on peak overpressure and flame propagation speed of gas deflagration in the tube with obstacles. <i>Science China Technological Sciences</i> , 2010, 53, 1847-1854.	4.0	2
34	Hydrophobic modification of dickite and salt spray test study on LLDPE/modified dickite composite. <i>Journal of Applied Polymer Science</i> , 2010, 116, 3480-3488.	2.6	8
35	The Progress of Photoluminescent Properties of Rare-Earth-Ions-Doped Phosphate One-Dimensional Nanocrystals. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-6.	2.7	8
36	Up-conversion Luminescence of Terbium(III) in SiO_2 and ZnO-SiO_2 Glasses Induced by Simultaneous Absorption of Three Photons and Saturation. <i>Spectroscopy Letters</i> , 2008, 41, 344-348.	1.0	2

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37	Local structure and photoluminescent characteristics of Eu ³⁺ in ZnO/SiO ₂ glasses. Journal of Sol-Gel Science and Technology, 2007, 43, 355-360.	2.4	10
38	Fabrication and photoluminescent characteristics of La ₂ O ₃ :Eu ³⁺ -nanowires. Physical Chemistry Chemical Physics, 2006, 8, 303-308.	2.8	36
39	Fabrication and near-infrared photothermal conversion characteristics of Au nanoshells. Applied Physics Letters, 2005, 86, 113109.	3.3	30
40	Electronic Transition and Energy Transfer Processes in LaPO ₄ :Ce ³⁺ /Tb ³⁺ Nanowires. Journal of Physical Chemistry B, 2005, 109, 11450-11455.	2.6	117
41	Remarkable differences in photoluminescent properties between LaPO ₄ :Eu one-dimensional nanowires and zero-dimensional nanoparticles. Applied Physics Letters, 2004, 85, 470-472.	3.3	88