Lixin Yu

List of Publications by Year
in descending order

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41	515	840776 11	677142 22
papers	citations	h-index	g-index

41	41	41	608
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electronic Transition and Energy Transfer Processes in LaPO4â˜Ce3+/Tb3+ Nanowires. Journal of Physical Chemistry B, 2005, 109, 11450-11455.	2.6	117
2	Remarkable differences in photoluminescent properties between LaPO4:Eu one-dimensional nanowires and zero-dimensional nanoparticles. Applied Physics Letters, 2004, 85, 470-472.	3.3	88
3	Fabrication and photoluminescent characteristics of La2O3:Eu3+nanowires. Physical Chemistry Chemical Physics, 2006, 8, 303-308.	2.8	36
4	Fabrication and near-infrared photothermal conversion characteristics of Au nanoshells. Applied Physics Letters, 2005, 86, 113109.	3.3	30
5	In-air self-reduction synthesis and photoluminescent properties of Eu2+â€“Eu3+ activated CaAl2Si O2+4 phosphors. Ceramics International, 2016, 42, 7968-7973.	4.8	27
6	Photoluminescent properties of Eu3+ and Tb3+ codoped Gd2O3 nanowires and bulk materials. Journal of Rare Earths, 2013, 31, 1063-1068.	4.8	21
7	The Progress of Nanocrystals Doped with Rare Earth Ions. Journal of Nanomaterials, 2012, 2012, 1-9.	2.7	17
8	Synthesis and photoluminescent properties of Eu 3+ /Dy 3+ doped SrO-Al 2 O 3 -SiO 2 glass-ceramics. Journal of Rare Earths, 2017, 35, 446-452.	4.8	16
9	Garnet-type far-red emitting Li6CaLa2Nb2O12: Mn4+, Bi3+ phosphor for full-spectrum white LED. Journal of Luminescence, 2022, 243, 118649.	3.1	14
10	The self-reduction synthesis and luminescent properties of color-tunable BaSnxSi3O7+2x: Eu2+-Eu3+ phosphors with high quantum efficiency for white light-emitting diodes. Ceramics International, 2018, 44, 18656-18662.	4.8	13
11	Preparation and characterization of linear lowâ€density polyethylene/dickite nanocomposites prepared by the direct melt blending of linear lowâ€density polyethylene with exfoliated dickite. Journal of Applied Polymer Science, 2011, 120, 1736-1743.	2.6	12
12	Local structure and photoluminescent characteristics of Eu3+ in ZnOâ€“SiO2 glasses. Journal of Sol-Gel Science and Technology, 2007, 43, 355-360.	2.4	10
13	The synthesis and the photocatalytic degradation property of the nano-MoS₂. Functional Materials Letters, 2016, 09, 1650065.	1.2	9
14	Hydrophobic modification of dickite and salt spray test study on LLDPE/modified dickite composite. Journal of Applied Polymer Science, 2010, 116, 3480-3488.	2.6	8
15	The Progress of Photoluminescent Properties of Rare-Earth-Ions-Doped Phosphate One-Dimensional Nanocrystals. Journal of Nanomaterials, 2010, 2010, 1-6.	2.7	8
16	Up-conversion and near infrared luminescence in Er 3+ /Yb 3+ co-doped glass-ceramic containing MgGa 2 O 4 nano-crystals. Journal of Luminescence, 2016, 170, 444-450.	3.1	8
17	Photoluminescent properties and energy transfer mechanism of Tb3+-Ce3+ doped CaSi2O2N2 oxynitride phosphors. Materials Research Bulletin, 2020, 124, 110769.	5.2	8
18	Full-color-emission carbon quantum dots by controlling surface states in a system of solvent. Journal of Luminescence, 2022, 243, 118614.	3.1	8

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19	Photoluminescent properties of Eu³⁺â€Eu²⁺ activated MAl₂Si_xO_{2x+Â4} (MÂ=ÂMg, Ca, Sr, Ba) phosphors prepared in air. Luminescence, 2018, 33, 391-398.	2.9	7
20	Broadband excited Na₃Tb(PO₄)₂:Ce³⁺/Eu²⁺ green/yellowâ€emitting phosphors with high color purity for LEDâ€based application. Journal of the American Ceramic Society, 2021, 104, 5848-5858.	3.8	6
21	Inâ€air selfâ€reduction synthesis and colour tunable luminescence from SrBPO 5 :Eu 2+ â€“Eu 3+ excited using ultraviolet light. Luminescence, 2020, 35, 1199-1205.	2.9	5
22	Self-assembled three-dimension flower-like nickel hydroxide synthesis with one-pot hydrothermal method for electrochemical applications. Materials Letters, 2020, 264, 127358.	2.6	5
23	Dual emissive carbon dots with one-pot synthesized and their tunable luminescence. Optik, 2021, 231, 166394.	2.9	5
24	Microstructure and photoluminescent properties of MgOâ€“Al2O3â€“SiO2 silicate glass-ceramics doped with Eu3+ and Dy3+. Journal of Sol-Gel Science and Technology, 2016, 78, 430-437.	2.4	4
25	Microstructure and luminescent properties of MgO-Ga 2 O 4 -SiO 2 glass-ceramics doped with Eu/Ce induced by atmosphere and heated temperature. Journal of Non-Crystalline Solids, 2017, 470, 86-92.	3.1	4
26	The selfâ€reduction synthesis and luminescent properties of Eu²⁺/Eu³⁺ activated BaZr_xSi₃O_{7+2x} phosphors with white light emission for white lightâ€emitting diodes. Luminescence, 2018, 33, 1387-1393.	2.9	4
27	Effects of fluxes on preparation and luminescence properties of CaSi2O2N2:Eu2+ phosphors. Optical Materials, 2021, 117, 111203.	3.6	4
28	Up-conversion Luminescence of Terbium(III) in SiO2and ZnOâ€“SiO2Glasses Induced by Simultaneous Absorption of Three Photons and Saturation. Spectroscopy Letters, 2008, 41, 344-348.	1.0	2
29	Study on peak overpressure and flame propagation speed of gas deflagration in the tube with obstacles. Science China Technological Sciences, 2010, 53, 1847-1854.	4.0	2
30	The photoluminescent properties of europium and terbium ions co-doped one-dimensional gadolinium orthophosphate nanorods and microcrystals. Spectroscopy Letters, 2016, 49, 311-318.	1.0	2
31	The self-reduction synthesis and luminescent properties of Eu2+-Eu3+ activated BaZr0.2Si2O5.4 phosphors with white light emission for white light-emitting diodes. Modern Physics Letters B, 2018, 32, 1850047.	1.9	2
32	Synthesis and photoluminescence of Yb2+/Dy3+ doped Ca2Si3O2N4 oxynitride phosphors. Journal of Luminescence, 2019, 215, 116643.	3.1	2
33	Inâ€air selfâ€reduction synthesis and luminescence properties from Mg₂₁Ca₄Na₄(PO₄)₁₈:Eu²⁺â€“Eu³⁺ excited using ultraviolet light. Luminescence, 2021, 36, 1072-1077.	2.9	2
34	Selfâ€reduction synthesis and luminescence properties of Eu, Dy coâ€doped SrMg 2 (PO 4) 2 phosphor. Luminescence, 2021, 36, 914-922.	2.9	2
35	Self-reduction mechanism and luminescence properties of Eu2+-Eu3+ doped strontium pyrophosphate. Materials Today Communications, 2021, 26, 102008.	1.9	2
36	Rare earth ion (REÂ=ÂTb/Eu/Dy) doped nanocrystalline oxyfluoride glassâ€ceramic 5BaF 2 â€“95SiO 2. Journal of the American Ceramic Society, 2021, 104, 5317-5327.	3.8	2

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37	The Structures and Photoluminescent Properties of Eu³⁺ and Dy³⁺ in MgO â€"Ga₂ O₃â€" SiO₂ Nanocrystalline Glass-Ceramic. Journal of Bionanoscience, 2014, 8, 116-121.	0.4	1
38	The structure and luminescence properties of Mn 2+ /Eu 2+ /Er 3+ â€doped MgOâ€Ga 2 O 3 â€SiO 2 glasses and glassâ€ceramics. Luminescence, 2019, 34, 830-837.	2.9	1
39	Eu 3+ â€"Eu 2+ â€doped xAl 2 O 3 â€"ySiO 2 and xAl 2 O 3 â€"zMgO composites phosphors. Luminescence, 2020, 35, 418-426.	2.9	1
40	Structure and up-conversion emission of Er3+/Yb3+-doped 5B2O3â€"5SrOâ€"90SiO2 nanostructured glass and glassâ€"ceramics. Journal of Optics (India), 2020, 49, 332-337.	1.7	0
41	White emitting 5ZnO-(5â€"2.5x)Ga2O3- 2.5xAl2O3â€"90SiO2 glass ceramic embedded with Mn doped Zn(Ga,Al)2O4 nanocrystals. Ceramics International, 2022, 48, 5752-5758.	4.8	0