

Li Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Upconversion Properties and Temperature-Sensing Behaviors of Alkaline-Earth-Metal Scandate Nanocrystals Doped with Er ³⁺ /Yb ³⁺ Ions in the Presence of Alkali Ions (Li ⁺ , Na ⁺ , and K ⁺). <i>Inorganic Chemistry</i> , 2022, 61, 5309-5317.	4.0	21
2	Solvothermal synthesis and upconversion properties in Yb ³⁺ /Ln ³⁺ (Ln ³⁺ =Er ³⁺ / Ho ³⁺ / Tm ³⁺) codoped In ₂ O ₃ nanoparticles with fine stability. <i>Optical Materials</i> , 2021, 121, 111601.	3.6	3
3	Digestive Ripening-Mediated Growth of NaYbF ₄ :Tm@NaYF ₄ Core-Shell Nanoparticles for Bioimaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 10049-10056.	5.0	7
4	Plasmon-tuned upconversion luminescence in silanized NaYF ₄ :Yb,Er nanocrystals via ultra-thin gold film. <i>Materials Research Bulletin</i> , 2019, 113, 209-214.	5.2	8
5	Impact of pH and urea content on size and luminescence of upconverting Y ₂ O ₃ :Yb, Er nanophosphors. <i>Materials Research Bulletin</i> , 2018, 100, 171-177.	5.2	9
6	Hydrothermal Synthesis and Upconversion Properties of About 19Ånm Sc ₂ O ₃ : Er ³⁺ , Yb ³⁺ Nanoparticles with Detailed Investigation of the Energy Transfer Mechanism. <i>Nanoscale Research Letters</i> , 2018, 13, 372.	5.7	12
7	Intense red up-conversion luminescence and dynamical processes observed in Sc ₂ O ₃ :Yb ³⁺ ,Er ³⁺ nanostructures. <i>Dalton Transactions</i> , 2017, 46, 15954-15960.	3.3	8
8	Tunable phase and upconverting luminescence of Gd ³⁺ co-doped NaErF ₄ :Yb ³⁺ nanostructures. <i>Materials Research Bulletin</i> , 2017, 95, 509-514.	5.2	13
9	Photoluminescence properties of a novel red-emitting phosphor Eu ³⁺ activated scandium molybdate for white light emitting diodes. <i>Materials Research Bulletin</i> , 2016, 83, 290-293.	5.2	27
10	Intense Upconversion Luminescence of CaSc ₂ O ₄ :Ho ³⁺ /Yb ³⁺ from Large Absorption Cross Section and Energy-Transfer Rate of Yb ³⁺ . <i>ChemPhysChem</i> , 2015, 16, 1366-1369.	2.1	11
11	Selectively enhanced red upconversion luminescence and phase/size manipulation via Fe ³⁺ doping in NaYF ₄ :Yb,Er nanocrystals. <i>Nanoscale</i> , 2015, 7, 14752-14759.	5.6	135
12	Efficient Near-Infrared Downconversion and Energy Transfer Mechanism of Ce ³⁺ /Yb ³⁺ Codoped Calcium Scandate Phosphor. <i>Inorganic Chemistry</i> , 2015, 54, 4806-4810.	4.0	49
13	Improved photoluminescence and afterglow in CaTiO ₃ :Pr ³⁺ with addition of nanosized SiO ₂ . <i>Physica B: Condensed Matter</i> , 2011, 406, 3891-3895.	2.7	13
14	Symmetry and electronic states of Mn ²⁺ in ZnS nanowires with mixed hexagonal and cubic stacking. <i>Applied Physics Letters</i> , 2010, 97, 041918.	3.3	6
15	Optical properties of trivalent europium doped ZnO:Zn phosphor under indirect excitation of near-UV light. <i>Optics Express</i> , 2008, 16, 11795.	3.4	36
16	Hydrothermal Synthesis and Luminescent Properties of Microtubes Constructed by Fluffy Zn _s :Mn ²⁺ with Nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1326-1329.	0.9	1
17	Luminescence and Energy Transfer in Eu ^[sup 2+] and Mn ^[sup 2+] Co-doped Ca _[sub 2] P _[sub 2] O _[sub 7] for White Light-Emitting Diodes. <i>Journal of the Electrochemical Society</i> , 2008, 155, H606.	2.9	25
18	Enhancement of the red emission in CaTiO ₃ :Pr ³⁺ by addition of rare earth oxides. <i>Chemical Physics Letters</i> , 2007, 434, 237-240.	2.6	55

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19	Enhancement of red fluorescence and afterglow in CaTiO ₃ : Pr ³⁺ by addition of Lu ₂ O ₃ . Journal of Luminescence, 2007, 122-123, 958-960.	3.1	63
20	Effect of Zn ²⁺ and Mn ²⁺ introduction on the luminescent properties of colloidal ZnS:Mn ²⁺ nanoparticles. Applied Physics Letters, 2004, 84, 112-114.	3.3	36