

# Li Chen

## List of Publications by Year in descending order

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20  
papers

538  
citations

759233

12  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selectively enhanced red upconversion luminescence and phase/size manipulation via Fe <sup>3+</sup> doping in NaYF <sub>4</sub> :Yb,Er nanocrystals. <i>Nanoscale</i> , 2015, 7, 14752-14759.	5.6	135
2	Enhancement of red fluorescence and afterglow in CaTiO <sub>3</sub> : Pr <sup>3+</sup> by addition of Lu <sub>2</sub> O <sub>3</sub> . <i>Journal of Luminescence</i> , 2007, 122-123, 958-960.	3.1	63
3	Enhancement of the red emission in CaTiO <sub>3</sub> :Pr <sup>3+</sup> by addition of rare earth oxides. <i>Chemical Physics Letters</i> , 2007, 434, 237-240.	2.6	55
4	Efficient Near-Infrared Downconversion and Energy Transfer Mechanism of Ce <sup>3+</sup> /Yb <sup>3+</sup> Codoped Calcium Scandate Phosphor. <i>Inorganic Chemistry</i> , 2015, 54, 4806-4810.	4.0	49
5	Effect of Zn <sup>2+</sup> and Mn <sup>2+</sup> introduction on the luminescent properties of colloidal ZnS:Mn <sup>2+</sup> nanoparticles. <i>Applied Physics Letters</i> , 2004, 84, 112-114.	3.3	36
6	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
7	Photoluminescence properties of a novel red-emitting phosphor Eu <sup>3+</sup> activated scandium molybdate for white light emitting diodes. <i>Materials Research Bulletin</i> , 2016, 83, 290-293.	5.2	27
8	Luminescence and Energy Transfer in Eu <sup>2+</sup> and Mn <sup>2+</sup> Co-doped Ca <sub>2</sub> P <sub>2</sub> O <sub>7</sub> for White Light-Emitting Diodes. <i>Journal of the Electrochemical Society</i> , 2008, 155, H606.	2.9	25
9	Upconversion Properties and Temperature-Sensing Behaviors of Alkaline-Earth-Metal Scandate Nanocrystals Doped with Er <sup>3+</sup> /Yb <sup>3+</sup> Ions in the Presence of Alkali Ions (Li <sup>+</sup> , Na <sup>+</sup> , and K <sup>+</sup> ). <i>Inorganic Chemistry</i> , 2022, 61, 5309-5317.	4.0	21
10	Improved photoluminescence and afterglow in CaTiO <sub>3</sub> :Pr <sup>3+</sup> with addition of nanosized SiO <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 2011, 406, 3891-3895.	2.7	13
11	Tunable phase and upconverting luminescence of Gd <sup>3+</sup> co-doped NaErF <sub>4</sub> :Yb <sup>3+</sup> nanostructures. <i>Materials Research Bulletin</i> , 2017, 95, 509-514.	5.2	13
12	Hydrothermal Synthesis and Upconversion Properties of About 19Ånm Sc <sub>2</sub> O <sub>3</sub> : Er <sup>3+</sup> , Yb <sup>3+</sup> Nanoparticles with Detailed Investigation of the Energy Transfer Mechanism. <i>Nanoscale Research Letters</i> , 2018, 13, 372.	5.7	12
13	Intense Upconversion Luminescence of CaSc <sub>2</sub> O <sub>4</sub> :Ho <sup>3+</sup> /Yb <sup>3+</sup> from Large Absorption Cross Section and Energy-Transfer Rate of Yb <sup>3+</sup> . <i>ChemPhysChem</i> , 2015, 16, 1366-1369.	2.1	11
14	Impact of pH and urea content on size and luminescence of upconverting Y <sub>2</sub> O <sub>3</sub> :Yb, Er nanophosphors. <i>Materials Research Bulletin</i> , 2018, 100, 171-177.	5.2	9
15	Intense red up-conversion luminescence and dynamical processes observed in Sc <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> nanostructures. <i>Dalton Transactions</i> , 2017, 46, 15954-15960.	3.3	8
16	Plasmon-tuned upconversion luminescence in silanized NaYF <sub>4</sub> :Yb,Er nanocrystals via ultra-thin gold film. <i>Materials Research Bulletin</i> , 2019, 113, 209-214.	5.2	8
17	Digestive Ripening-Mediated Growth of NaYbF <sub>4</sub> :Tm@NaYF <sub>4</sub> Core-Shell Nanoparticles for Bioimaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 10049-10056.	5.0	7
18	Symmetry and electronic states of Mn <sup>2+</sup> in ZnS nanowires with mixed hexagonal and cubic stacking. <i>Applied Physics Letters</i> , 2010, 97, 041918.	3.3	6

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19	Solvothermal synthesis and upconversion properties in Yb <sup>3+</sup> /Ln <sup>3+</sup> (Ln <sup>3+</sup> =Er <sup>3+</sup> / Ho <sup>3+</sup> / Tm <sup>3+</sup> ) codoped In <sub>2</sub> O <sub>3</sub> nanoparticles with fine stability. <i>Optical Materials</i> , 2021, 121, 111601.	3.6	3
20	Hydrothermal Synthesis and Luminescent Properties of Microtubes Constructed by Fluffy Zn:Mn <sup>2+</sup> with Nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1326-1329.	0.9	1