

Lihong Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

826
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623734

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23
times ranked

587
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#	ARTICLE	IF	CITATIONS
1	Synthesis and Luminescence Properties of Bi ³⁺ -Activated K ₂ MgGeO ₄ : A Promising High-Brightness Orange-Emitting Phosphor for WLEDs Conversion. <i>Inorganic Chemistry</i> , 2018, 57, 12303-12311.	4.0	142
2	Sr ₉ Mg _{1.5} (PO ₄) ₇ :Eu ²⁺ : A Novel Broadband Orange-Yellow-Emitting Phosphor for Blue Light-Excited Warm White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25219-25226.	8.0	110
3	Investigation of a novel color tunable long afterglow phosphor KGaGeO ₄ :Bi ³⁺ : luminescence properties and mechanism. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1346-1355.	5.5	83
4	Structural Micromodulation on Bi ³⁺ -Doped Ba ₂ Ga ₂ GeO ₇ Phosphor with Considerable Tunability of the Defect-Oriented Optical Properties. <i>ACS Applied Electronic Materials</i> , 2019, 1, 229-237.	4.3	67
5	Tri-chromatic white-light emission from a single-phase Ca ₉ Sc(PO ₄) ₇ :Eu ²⁺ ,Tb ³⁺ ,Mn ²⁺ phosphor for LED applications. <i>Dalton Transactions</i> , 2015, 44, 17241-17250.	3.3	66
6	Design of broadband near-infrared Y _{0.57} La _{0.72} Sc _{2.71} (BO ₃) ₄ :Cr ³⁺ phosphors based on one-site occupation and their application in NIR light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11761-11771.	5.5	46
7	Commendable Pr ³⁺ -activated Ba ₂ Ga ₂ GeO ₇ phosphor with high-brightness white long-persistent luminescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6698-6705.	5.5	44
8	A strategy for developing thermal-quenching-resistant emission and super-long persistent luminescence in BaGa ₂ O ₄ :Bi ³⁺ . <i>Journal of Materials Chemistry C</i> , 2019, 7, 13088-13096.	5.5	42
9	Intense UV long persistent luminescence benefiting from the coexistence of Pr ³⁺ /Pr ⁴⁺ in a praseodymium-doped BaLu ₂ Al ₂ Ga ₂ SiO ₁₂ phosphor. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5206-5216.	5.5	31
10	Cr ³⁺ -doped borate phosphors for broadband near-infrared LED applications. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2240-2251.	6.0	27
11	Luminescence properties of a novel reddish orange long-lasting phosphorescence phosphor Zn ₂ P ₂ O ₇ :Sm ³⁺ ,Li ⁺ . <i>RSC Advances</i> , 2015, 5, 82704-82710.	3.6	25
12	Design of white-emitting optical temperature sensor based on energy transfer in a Bi ³⁺ , Eu ³⁺ and Tb ³⁺ doped YBO ₃ crystal. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7264-7273.	5.5	24
13	Investigation on the photoluminescence and thermoluminescence of BaGa ₂ O ₄ :Bi ³⁺ at extremely low temperatures. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1786-1793.	5.5	18
14	A convenient and efficient synthesis method to improve the emission intensity of rare earth ion doped phosphors: the synthesis and luminescent properties of novel SrO:Ce ³⁺ phosphor. <i>RSC Advances</i> , 2015, 5, 93951-93956.	3.6	17
15	Study of a color-tunable long afterglow phosphor Gd _{1.5} Y _{1.5} Ga ₃ Al ₂ O ₁₂ :Tb ³⁺ : luminescence properties and mechanism. <i>RSC Advances</i> , 2020, 10, 28049-28058.	3.6	15
16	Synthesis and luminescence properties of a broadband near-infrared emitting non-gallate persistent luminescence Mg _{1.4} Zn _{0.6} SnO ₄ :Cr ³⁺ phosphor. <i>Dalton Transactions</i> , 2021, 50, 5666-5675.	3.3	13
17	Synthesis and Photoluminescence Properties of a Red-Emitting Phosphor Sr ₉ Mg _{1.5} (PO ₄) ₇ :Eu ³⁺ . <i>ChemistrySelect</i> , 2016, 1, 462-468.	1.5	12
18	A new blue long-lasting phosphorescence phosphor Mg ₂ SnO ₄ :Bi ³⁺ : synthesis and luminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4163-4170.	2.2	10

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19	Regulating chromium ions site occupancy and enhancing near-infrared luminescence properties of Sr ₂ P ₂ O ₇ :Cr ³⁺ phosphor through synthesizing under reduction atmosphere. Materials Research Bulletin, 2022, 149, 111710.	5.2	10
20	Origin of Color Centers in the Perovskite Oxide CeAlO ₃ . ChemPlusChem, 2018, 83, 976-983.	2.8	8
21	Sr _{1.7} Zn _{0.3} CeO ₄ F _{0.2} :Eu ³⁺ : novel dual-emission temperature sensors for remote, noncontact thermometric application. RSC Advances, 2017, 7, 9645-9652.	3.6	7
22	Material and Ingenious Synthesis Strategy for Short-Wavelength Infrared Light-Emitting Device. Inorganic Chemistry, 2016, 55, 11258-11263.	4.0	6
23	Ligand-Induced Nucleation Growth Kinetics of CdTe QDs: Implications for White-Light-Emitting Diodes. ACS Applied Nano Materials, 2022, 5, 401-410.	5.0	3