

Lin Huang

List of Publications by Year in descending order

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21
papers

1,811
citations

516710

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713466

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Growth of CsPbBr ₃ Perovskite Nanocrystals in Lead-Based Matrix toward Significantly Enhanced Water/Photo Stabilities. <i>Advanced Optical Materials</i> , 2022, 10, 2101448.	7.3	7
2	Laser speckle reduction via TiO ₂ -sapphire composite rotating wheel in laser projection. <i>Journal of the American Ceramic Society</i> , 2022, 105, 4512-4520.	3.8	1
3	Manganese Ion-Sensitized Near-Infrared Light in Cs ₂ NaBi ³⁺ Er ^x Cl ₆ Lead-Free Double Perovskite. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	16
4	Anomalous photoluminescence from a K ₂ LiInF ₆ :Mn ⁴⁺ phosphor. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8085-8090.	5.5	20
5	High-performance and moisture-resistant red-emitting Cs ₂ SiF ₆ :Mn ⁴⁺ for high-brightness LED backlighting. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2401-2407.	5.5	74
6	Optimizing and adjusting the photoluminescence of Mn ⁴⁺ -doped fluoride phosphors via forming composite particles. <i>Dalton Transactions</i> , 2019, 48, 711-717.	3.3	20
7	Phase-transition-induced giant enhancement of red emission in Mn ⁴⁺ -doped fluoride elpasolite phosphors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3951-3960.	5.5	56
8	Co-precipitation synthesis and photoluminescence properties of BaTiF ₆ :Mn ⁴⁺ : an efficient red phosphor for warm white LEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 127-133.	5.5	60
9	Highly Stable K ₂ SiF ₆ :Mn ⁴⁺ @K ₂ SiF ₆ Composite Phosphor with Narrow Red Emission for White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18082-18092.	8.0	195
10	A new reductive mandelic acid loading approach for moisture-stable Mn ⁴⁺ doped fluorides. <i>Chemical Communications</i> , 2018, 54, 11857-11860.	4.1	73
11	Silica shell-assisted synthetic route for mono-disperse persistent nanophosphors with enhanced in vivo recharged near-infrared persistent luminescence. <i>Nano Research</i> , 2017, 10, 2070-2082.	10.4	103
12	Facile synthesis, morphology and photoluminescence of a novel red fluoride nanophosphor K ₂ NaAlF ₆ :Mn ⁴⁺ . <i>Journal of Materials Chemistry C</i> , 2017, 5, 6420-6426.	5.5	104
13	Photoluminescence properties of a novel red fluoride K ₂ LiGaF ₆ :Mn ⁴⁺ nanophosphor. <i>RSC Advances</i> , 2017, 7, 30588-30593.	3.6	47
14	Optimized photoluminescence of red phosphor K ₂ LiAlF ₆ :Mn ⁴⁺ synthesized by a cation-exchange method. <i>Science China Technological Sciences</i> , 2017, 60, 1458-1464.	4.0	13
15	Spectral Properties and Energy Transfer of a Potential Solar Energy Converter. <i>Chemistry of Materials</i> , 2016, 28, 2834-2843.	6.7	50
16	Double substitution induced tunable luminescent properties of Ca _{3-x} Y _x Sc _{2-a} Mg _x Si ₃ O ₁₂ :Ce ³⁺ +phosphors for white LEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5671-5678.	5.5	32
17	Hydrothermal synthesis, morphology and photoluminescent properties of an Mn ⁴⁺ -doped novel red fluoride phosphor elpasolite K ₂ LiAlF ₆ . <i>Journal of Materials Chemistry C</i> , 2016, 4, 5690-5695.	5.5	148
18	HF-Free Hydrothermal Route for Synthesis of Highly Efficient Narrow-Band Red Emitting Phosphor K ₂ SiF ₆ :Mn ⁴⁺ for Warm White Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2016, 28, 1495-1502.	6.7	365

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19	Tunable Luminescent Properties and Concentration-Dependent, Site-Preferable Distribution of Eu ²⁺ Ions in Silicate Glass for White LEDs Applications. ACS Applied Materials & Interfaces, 2015, 7, 10044-10054.	8.0	197
20	Highly Thermally Stable Single-Component White-Emitting Silicate Glass for Organic-Resin-Free White-Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2014, 6, 2709-2717.	8.0	220
21	A Stable and Efficient Red-Emitting Color Converter Based on K ₂ SiF ₆ :Mn ⁴⁺ Phosphor-in-Glass Film for Next-Generation Laser-Excited Lighting and Display. Advanced Photonics Research, 0, , 2100146.	3.6	9