

Hongzhi Zhang

List of Publications by Year in descending order

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15
papers

110
citations

1478505

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#	ARTICLE	IF	CITATIONS
1	Near-UV excited green-emission enhancement by efficient energy transfer in Na _{1.8} Mg _{0.9} Si _{1.1} O ₄ :Ce ³⁺ ,Tb ³⁺ phosphor for solid-state lighting applications. Optics and Laser Technology, 2022, 150, 107950.	4.6	7
2	Metal To Metal Charge Transfer Induced Efficient Yellow/Far-Red Luminescence in Na ₂ Ca ₃ (Nb, Ta) ₂ O ₉ :Bi ³⁺ toward the Applications of White LEDs and Plant Growth Light. Advanced Optical Materials, 2022, 10, .	7.3	20
3	Effect of ionic couple substitution on the enhanced photoluminescence properties of (BaMg) _{1-x} (KxAl _{10+x})O ₁₇ :Eu ²⁺ phosphor for white LEDs application. Journal of Luminescence, 2022, 246, 118825.	3.1	2
4	Electrodeposition of copper nanopowder with controllable morphology: influence of pH on the nucleation/growth mechanism. Journal of Solid State Electrochemistry, 2021, 25, 1611-1621.	2.5	7
5	Facile synthesis of N-doped Co/graphite C composites with melamine as carbon and nitrogen source with enhanced microwave absorption performance. Journal of Materials Science, 2021, 56, 19857-19869.	3.7	5
6	Controllable structural ordering via chemical substitution to the efficient and thermally stable luminescence in NASICON-type phosphor Series: Na ₁ +Hf ₂ ~Sc (PO ₄) ₃ :Eu. Chemical Engineering Journal, 2021, 426, 130778.	12.7	6
7	Vacancies Substitution Tuning Photoluminescence and Distortion Triggered Eu Migration in NASICON-Type Phosphors. ACS Sustainable Chemistry and Engineering, 2021, 9, 785-793.	6.7	8
8	Ce ³⁺ luminescence, near-UV excitation enhancement of Tb ³⁺ emission via energy transfer in Y ₄ Zn ₄ (SiO ₄) ₅ :Ce ³⁺ ,Tb ³⁺ phosphor for white LED application. Optik, 2021, 248, 168215.	2.9	3
9	Improving ferroelectricity and ferromagnetism of PVDF~CoFe ₂ O ₄ thick films: Effect of Ethyl acetate and Temperature. Journal of Applied Polymer Science, 2020, 137, 48345.	2.6	1
10	Effects of particle size on the electrical properties of NdFeO ₃ nanoparticles. Journal of Materials Science: Materials in Electronics, 2020, 31, 21913-21922.	2.2	1
11	Bi-phase metallic cobalt with efficient broadband absorption in X and Ku bands. Journal of Materials Science: Materials in Electronics, 2019, 30, 18268-18279.	2.2	5
12	Tunable luminescence of K ₂ MgSi ₃ O ₈ :Ce ³⁺ , Tb ³⁺ phosphors through energy transfer. Ceramics International, 2018, 44, 2547-2551.	4.8	23
13	Photoluminescence properties and site-preferable distribution of Ce ³⁺ in Na ₂ Ca ₁ -Sr Si ₂ O ₆ (x=0~1) blue-emitting phosphors. Journal of Alloys and Compounds, 2018, 764, 853-860.	5.5	6
14	Luminescence of Eu ²⁺ and Eu ²⁺ -Mn ²⁺ in sodium scandium diphosphate NaScP ₂ O ₇ crystal. Journal of Rare Earths, 2017, 35, 453-459.	4.8	7
15	On the luminescence properties and site occupation of Ce ³⁺ in new AScP ₂ O ₇ (A=Na, K) crystals. Materials Letters, 2016, 168, 207-209.	2.6	9