

Wenzhi Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in MOF-based Nanocatalysts for Photo-Promoted CO ₂ Reduction Applications. <i>Catalysts</i> , 2019, 9, 658.	3.5	26
2	Enhanced Dy ³⁺ white emission via energy transfer in spherical (Lu,Gd) ₃ Al ₅ O ₁₂ garnet phosphors. <i>Scientific Reports</i> , 2020, 10, 2285.	3.3	26
3	The development of new phosphors of Tb ³⁺ /Eu ³⁺ co-doped Gd ₃ Al ₅ O ₁₂ with tunable emission. <i>Optical Materials</i> , 2017, 69, 175-180.	3.6	24
4	The synthesis and luminescent properties of Dy/Re (Re ³⁺ =Tb or Eu) co-doped Gd ₂ (WO ₄) ₃ phosphor with tunable color via energy transfer. <i>Journal of Luminescence</i> , 2019, 207, 114-122.	3.1	23
5	Synthesis and luminescence properties of Tb ³⁺ /Eu ³⁺ co-doped GdAlO ₃ phosphors with enhanced red emission. <i>Journal of Rare Earths</i> , 2018, 36, 924-930.	4.8	18
6	Morphology/size effect on the luminescence properties of the [(Y Gd _{1-x}) _{0.98} Dy _{0.02}] ₂ O ₃ phosphor with enhanced yellow emission. <i>Journal of Luminescence</i> , 2017, 192, 1056-1064.	3.1	16
7	The preparation and thermal performance research of spherical Ag-H ₂ O nanofluids & applied in heat pipe. <i>Applied Thermal Engineering</i> , 2017, 116, 811-822.	6.0	15
8	Luminescence properties of Y ³⁺ stabilized Gd ₃ Al ₅ O ₁₂ :Tb ³⁺ /Ce ³⁺ phosphors with yellow light-emitting for warm white LEDs. <i>Journal of Luminescence</i> , 2018, 202, 176-185.	3.1	14
9	Controlling the morphology and size of (Gd _{0.98-x} Tb _{0.02} Eu _x) ₂ O ₃ phosphors presenting tunable emission: formation process and luminescent properties. <i>Journal of Materials Science</i> , 2018, 53, 12265-12283.	3.7	9
10	Bi ³⁺ and Eu ³⁺ co-doped CsPbCl ₃ perovskite quantum dots with efficient controllable blue emission via energy transfer. <i>Journal of Luminescence</i> , 2022, 247, 118901.	3.1	9
11	Investigation on the preparation and luminescence property of (Gd _{1-x} Dy _x) ₂ O ₃ (x=0.01~0.10) spherical phosphors. <i>Ceramics International</i> , 2017, 43, 10166-10173.	4.8	7
12	Luminescence Properties of Dy ³⁺ Doped Gd ₂ (WO ₄) ₃ Phosphor Prepared by Hydrothermal Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 389, 012019.	0.6	2
13	Investigation on the preparation and thermal properties of Ag-H ₂ O nanofluids with different morphology. <i>International Journal of Nanomanufacturing</i> , 2018, 14, 242.	0.3	0
14	Luminescence properties of Tb ³⁺ doped Gd ₂ (WO ₄) ₃ phosphor prepared by hydrothermal method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 382, 022095.	0.6	0