

# Guan Hongxia

## List of Publications by Year in descending order

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Photoluminescence and Photocatalysis Properties of Dual-Functional Eu <sup>3+</sup> -Doped Anatase Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2369-2379.  | 3.1 | 49        |
| 2  | Novel highly efficient single-component multi-peak emitting aluminosilicate phosphors co-activated with Ce <sup>3+</sup> , Tb <sup>3+</sup> and Eu <sup>2+</sup> : luminescence properties, tunable color, and thermal properties. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1591-1607.                               | 2.8 | 49        |
| 3  | BaGdF <sub>5</sub> :Dy <sup>3+</sup> , Tb <sup>3+</sup> , Eu <sup>3+</sup> multifunctional nanospheres: paramagnetic, luminescence, energy transfer, and tunable color. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13861-13873.  | 2.8 | 39        |
| 4  | Energy transfer and tunable multicolor emission and paramagnetic properties of GdF <sub>3</sub> :Dy <sup>3+</sup> , Tb <sup>3+</sup> , Eu <sup>3+</sup> phosphors. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19807-19819.   | 2.8 | 39        |
| 5  | Luminescence properties, energy transfer and multisite luminescence of Bi <sup>3+</sup> /Sm <sup>3+</sup> /Eu <sup>3+</sup> -coactivated Ca <sub>20</sub> Al <sub>26</sub> Mg <sub>3</sub> Si <sub>3</sub> O <sub>68</sub> as a potential phosphor for white-light LEDs. <i>RSC Advances</i> , 2016, 6, 89984-89993.               | 3.6 | 29        |
| 6  | Lu <sub>2</sub> O <sub>2</sub> S:Tb <sup>3+</sup> , Eu <sup>3+</sup> nanorods: luminescence, energy transfer, and multicolour tuneable emission. <i>CrystEngComm</i> , 2016, 18, 7620-7628.  | 2.6 | 27        |
| 7  | The photoluminescence, thermal properties and tunable color of Na <sub>1-x</sub> Al <sub>1+2x</sub> Si <sub>1-2x</sub> O <sub>4</sub> :xCe <sup>3+</sup> /Tb <sup>3+</sup> /Dy <sup>3+</sup> energy transfer: a single-component multicolor-emitting phosphor. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22197-22209. | 2.8 | 27        |
| 8  | White light-emitting, tunable color luminescence, energy transfer and paramagnetic properties of terbium and samarium doped BaGdF <sub>5</sub> multifunctional nanomaterials. <i>RSC Advances</i> , 2016, 6, 73160-73169.  | 3.6 | 26        |
| 9  | YF <sub>3</sub> :RE <sup>3+</sup> (RE = Dy, Tb, Eu) Sub-microstructures: Controllable Morphology, Tunable Multicolor, and Thermal Properties. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23080-23095.   | 3.1 | 26        |
| 10 | Magnetic-downconversion luminescent bifunctional BaGdF <sub>5</sub> :Dy <sup>3+</sup> , Eu <sup>3+</sup> nanospheres: energy transfer, multicolor luminescence and paramagnetic properties. <i>RSC Advances</i> , 2016, 6, 53444-53453.  | 3.6 | 20        |
| 11 | Electrospinning fabrication and luminescence properties of Lu <sub>2</sub> O <sub>2</sub> S:Eu <sup>3+</sup> fibers. <i>CrystEngComm</i> , 2017, 19, 699-707.  | 2.6 | 14        |
| 12 | New single-component multicolor emission Na <sub>1-x</sub> Al <sub>1+2x</sub> Si <sub>1-2x</sub> O <sub>4</sub> :xBi <sup>3+</sup> /Eu <sup>3+</sup> phosphors via energy transfer. <i>Journal of the American Ceramic Society</i> , 2018, 101, 2353-2367.   | 3.8 | 11        |
| 13 | A novel green emitting NaGdF <sub>4</sub> :Dy <sup>3+</sup> , Ho <sup>3+</sup> phosphor with tunable photoluminescence. <i>New Journal of Chemistry</i> , 2020, 44, 16211-16217.   | 2.8 | 2         |