

# Aihua Zhou

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simultaneous tunable fluorescence lifetime and upconversion luminescence enhancement of NaLuF <sub>4</sub> :Er <sup>3+</sup> /Yb <sup>3+</sup> microcrystals through heavily doped KF for multiplexing. Journal of Luminescence, 2021, 231, 117796.	3.1	18
2	Room-temperature ultrafast synthesis, morphology and upconversion luminescence of K <sub>0.3</sub> Bi <sub>0.7</sub> F <sub>2.4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> nanoparticles for temperature-sensing application. CrystEngComm, 2020, 22, 7066-7074.	2.6	17
3	Tunable red-to-green emission ratio and temperature sensing properties of NaLuF <sub>4</sub> :Ho <sup>3+</sup> /Yb <sup>3+</sup> microcrystals by doping with Ce <sup>3+</sup> ions. CrystEngComm, 2020, 22, 6831-6837.	2.6	4
4	Efficient solid-state and dual-mode photoluminescence of carbon-dots/NaLuF <sub>4</sub> microcrystals for multifunctional applications. Journal of Alloys and Compounds, 2019, 775, 457-465.	5.5	14
5	Optical thermometry using fluorescence intensities multi-ratios in NaGdTiO <sub>4</sub> :Yb <sup>3+</sup> /Tm <sup>3+</sup> phosphors. Optical Materials, 2018, 78, 438-444.	3.6	20
6	Simultaneous size adjustment and upconversion luminescence enhancement of $\beta$ -NaLuF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> , Er <sup>3+</sup> /Tm <sup>3+</sup> microcrystals by introducing Ca <sup>2+</sup> for temperature sensing. CrystEngComm, 2018, 20, 2029-2035.	2.6	41
7	Color-tunable emission by adjusting sensitizer (Yb <sup>3+</sup> ) and excitation power of 980 nm in NaGdTiO <sub>4</sub> :Yb <sup>3+</sup> /Tm <sup>3+</sup> /Er <sup>3+</sup> phosphors for light emitting diodes. Journal of Luminescence, 2018, 194, 225-230.	3.1	32
8	Sequential Growth of Uniform $\beta$ -NaYF <sub>4</sub> @ $\beta$ -NaLnF <sub>4</sub> (Ln = Y, Lu, Yb) Microcrystals with Luminescent Properties of Multicolor Tuning and Dual-Mode Emission. Nanomaterials, 2017, 7, 448.	4.1	8
9	INFLUENCE OF POLYPEPTIDES AND PROTEINS ON ELECTROFUSION OF HUMAN CANCER CELLS. Electromagnetic Biology and Medicine, 2000, 19, 321-329.	0.4	4