



孙佳石

教授

大学物理教学中心/硕士生导师

sunjs@dlnu.edu.cn

教育背景

中科院长春光学精密机械与物理研究所光学博士（2002）
东北师范大学理学学士（1981）

研究领域

应用光学及凝聚态物理

代表性成果

论文类：

- (1) Quadratic general rotary unitized design for doping concentrations and up-conversion luminescence properties of $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped $\text{NaLa}(\text{MoO}_4)_2$ phosphors, *Materials Research Bulletin*, 2016/8/29. (SCI)
- (2) Experimental optimum design and luminescence properties of $\text{NaY}(\text{Gd})(\text{MoO}_4)_2:\text{Er}^{3+}$ phosphors, *Chin. Phys. B*, 2016/4/20. (SCI)
- (3) Co-precipitation synthesis, structural and morphological characterization, and luminescence properties of Dy^{3+} doped nanocrystal $\text{Gd}_2(\text{WO}_4)_3$ and Gd_2WO_6 phosphors, *Journal of Physics and Chemistry of Solids*, 2012/3/1. (SCI)
- (4) Experimental optimal design of the $\text{Er}^{3+}/\text{Yb}^{3+}$ codoped $\text{BaGd}_2\text{ZnO}_5$ phosphor and its upconversion luminescence properties, *Acta Physica Sinica*, 2015/11/20. (SCI)
- (5) Experimental optimal design on $\text{BaY}_2\text{ZnO}_5:\text{Tm}^{3+}/\text{Yb}^{3+}$ phosphor and its up-conversion luminescence property, *Acta Physica Sinica*, 2017.04. (SCI)

代表性项目

国家自然科学基金面上项目，60776814，突发事件中脑意识丧失光谱监测方法的研究，2008/01-2011/12，已结题，主持。

荣誉奖励

2012 辽宁省优秀硕士学位论文指导教师

其他

