

生命科学学院师资概况表

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教育经历	2016/09-2019/06, 安徽大学, 博士 2013/09-2016/06, 湘潭大学, 硕士 2009/09-2013/06, 黄山学院, 本科						
个人简介	<p>本人长期致力于生物医用纳米材料的设计、合成、结构调控、表面功能化及其在生物医学领域的应用, 包括细胞荧光成像、靶向性亚细胞器的荧光成像、活体内的多模态成像和肿瘤的诊疗等。以第一作者和通讯作者身份在 <i>Nanoscale</i>、<i>Optical Materials</i> 等国际期刊上发表 SCI 检索论文 8 篇, 其中一篇文章被 <i>Nanoscale</i> 邀请作为封面文章, 并发表学术会议论文 2 篇。参与多项基金项目, 如国家自然科学基金面上项目、区域联合基金、安徽省教育厅基金等。主要论著 (*表示通讯联系人):</p> <p>[1] Lijun Xiang*, Yuqing Sun, Yong Wang*, Lin Sun, Jianan Wu, Kexin Li, Longjiao Zhou, Mingzhu Zhang*, Engineered lanthanide-based nanomaterials as a novel bio-probe for <i>in vivo</i> dual-modal imaging, <i>Journal of Luminescence</i>, 2023, https://doi.org/10.1016/j.jlumin.2023.119908.</p> <p>[2] Lijun Xiang, Huihui Zhang, Hong Li, Lin Kong*; Hong-Ping Zhou*, Jieying Wu, Yupeng Tian, Jie Zhang, Yifu Mao, A specific HeLa cell-labelled and lysosome-targeted upconversion fluorescent probe: PEGmodified $\text{Sr}_2\text{YbF}_7: \text{Tm}^{3+}$, <i>Nanoscale</i>, 2017, 9(47): 18861-18866.</p> <p>[3] Lijun Xiang, Xiaojiao Zhu, Huihui Zhang, Li Yang, Kexue Deng, Ying Liu, Mingshan Ye, Long Hu, Xingyuan Yang, Hongping Zhou*, A water-soluble, upconverting $\text{Sr}_2\text{Yb}_{0.3}\text{Gd}_{0.7}\text{F}_7: \text{Er}^{3+}/\text{Tm}^{3+}@\text{PSI}_{\text{oAm}}$ bio-probe for <i>in vivo</i> trimodality imaging, <i>Nanoscale</i>, 2018, 10(30): 14414-14420.</p> <p>[4] Lijun Xiang, Xiaojiao Zhu, Lin Kong, Hongping Zhou*, Mingzai Wu*, Haisheng Qian, Wannan Wang, Small lanthanide-doped Sr_2YbF_7 nanocrystals: Upconversion fluorescence and upconversion-driven photodegradation, <i>Optical Materials</i>, 2018, 86(16): 537-544.</p> <p>[5] Lijun Xiang, Gang Liu, Lin Kong*, Jie Zhang, Xiaojiao Zhu, Hongping Zhou*, Xingyuan Yang, Kexue Deng, Ying Liu, Multifunctional $\text{BaMnLuGdF}_7: \text{Yb}/\text{Er}/\text{Ho}$ nanoparticles for <i>in vivo</i> tri-modal imaging,</p>						

	<p>Optical Materials, 2021, 111(110): 110578-110583.</p> <p>[6] Yinsheng Tan, Huan Wang, Lijun Xiang*; Hongping Zhou, Lin Kong, Huihui Zhang, Gang Liu, Jie Hou, A water-soluble and upconverting Sr₂LaF₇: Yb/Er@PSI_{oAm} bio-probe for <i>in vitro/vivo</i> fluorescence imaging, Optical Materials, 2021, 111 (110): 110652-110656.</p> <p>[7] Yong Wang, Chaofan Ji, Yinsheng Tan, Lijun Xiang*, Jie Hou, Construction of multifunctional lanthanide-based nanoparticles Ba₂LuF₇: Yb/Er/Ho for <i>in vivo</i> dual-modal tumor imaging, Optical Materials, 2022, 128: 112369.</p> <p>[8] Lijun Xiang, Guozhong Ren*, Yifu Mao, Jin He, Rui Su, Controllable synthesis and upconversion emission of ultras-small lanthanide-doped Sr₂GdF₇ nanocrystals, Optical Materials, 2015, 49(29): 6-14.</p>
备注	