

姓 名：胡青莲

性 别：女

工作部门：生物工程学院

技术职称：副教授

最高学位：博士

民 族：汉族

籍 贯：湖北随州

联系方式：

Email: huqinglian@zjut.edu.cn

电 话：0571-88320742



**主要研究方向：**

1. 纳米药物载体在肿瘤诊断与治疗中的应用；
2. 纳米材料的安全性评估；

**目前研究项目：**

1. 功能型聚集诱导发光纳米粒的制备及在肿瘤光学免疫治疗中的应用  
(51603186, 国家青年基金, 21 万)

**发表的论文、专著、教材：**

- 1 **Qinglian Hu**, Meng Gao, Guangxue Feng, Bin Liu\*, Mitochondria-Targeted Cancer Therapy Using a Light-up Probe With Aggregation-induced Emission Characteristics, *Angew. Chem.-Int. Edit.*, 2014, 53(51), 14225-14229, IF=11.994 (高被引论文);
- 2 **Qinglian Hu**, Min Wu, Chun Fang, Changyong Cheng, Mengmeng Zhao, Weihuan Fang, Paul K. Chu, Yuan Ping\*, Guping Tang\*, Engineering nanoparticle-coated bacteria as oral DNA vaccines for cancer immunotherapy, *Nano Letters*, 2015, 8; 15(4):2732-2739, IF=12.712;
- 3 **Qinglian Hu**, Meng Gao, Guangxue Feng, Xiaodong Chen, Bin Liu\*, A Cell Apoptosis Probe

Based on Fluorogen with Aggregation-induced emission Characteristics, ACS Appl. Mat. & Inter., 2015, 7(8), 4875–4882, IF=7.504;

4 **Hu Q**, Guo F, Zhao F, Fu Z\*, Effects of titanium dioxide nanoparticles exposure on parkinsonism in zebrafish larvae and PC1, Chemosphere, 2017, 16(173) : 373-379, IF=4.208;

5 **Hu Q**, Guo F, Zhao F, Tang G, Fu Z\*, Cardiovascular toxicity assessment of poly (ethylene imine)- based cationic polymers on zebrafish model, Journal of Biomaterials Science Polymer Edition, 2017, 2017; 28(8):768-780;

6 **Hu Q**, Zhao F, Guo F, Wang C, Fu Z\*, Polymeric Nanoparticles Induce NLRP3 Inflammasome Activation and Promote Breast Cancer Metastasis, 2017, doi: 10.1002/mabi.201700273, IF=3.238;

7 Zhang CJ #, **Hu QL**#, Feng GX, Zhang RY, Yuan YY, Lu XM, Liu B\*, Image-guided combination chemotherapy and photodynamic therapy using a mitochondria-targeted molecular probe with aggregation-induced emission characteristics. Chem. Sci., 2015, 6 (8): 4580-4586, IF=8.68, (共同一作);

8 Meng Gao#, **Qinglian Hu**#, Guangxue Feng, Nikodem Tomczak, Rongrong Liu, Bengang Xing, Ben Zhong Tang, Bin Liu\*, A multifunctional probe with aggregation-Induced emission characteristics for selective fluorescence imaging and photodynamic killing of bacteria over mammalian cells, Adv. Healthc. Mat., 2015, 4(5):659-663, IF=5.110, (co-first author);

9 Gao Meng#, **Hu Qinglian**#, Guangxue Feng, Benzhong Tang, Liu Bin\*, Fluorescent light-up probe with “AIE + ESIPT” characteristics for specific detection of lysosomal esterase. Journal of Materials Chemistry B. 2014, 2, 3438-3442, IF=4.543 (co-first author);

## **研究生培养等教学情况**

1 浙江省新苗计划资助 1 项（指导教师，2017）

2 生物工程学院“运河杯”课外科技活动竞赛一等奖（指导教师，2017）