黄洁
助理研究员

教育背景：
2001.09-2005.07，苏州大学，化学化工学院，化学师范专业，获学士学位；
2005.09-2008.07，苏州大学，化学化工学院，物理化学专业，获硕士学位；

研究经历：
2013.09-2017.07 博士研究生，苏州大学材料与化学化工学部
课题：染料敏化还原氧化石墨烯的制备及其在光催化分解水中的应用

2005.09-2008.07 硕士研究生，苏州大学化学化工学院
课题：金银纳米粒子的复合组装及表面增强拉曼光谱研究

研究方向：
（1） 具有 SERS 活性的诊疗一体化体系的构建及其在生物医学中的应用
（2） 用于生物 3D 打印材料的合成及应用

发表论文：
1. Jie Huang#, Han Fu#, Zhiying Wang, Qingyuan Meng, Sumei Liu, Heran Wang, Xiongfei Zheng, Jianwu Dai*, and Zhijun Zhang*, BMSCs-Laden Gelatin/Sodium Alginate/Carboxymethyl Chitosan Hydrogel for 3D Bioprinting, RSC Adv., 2016, 6, 108423-108430. (# These authors contributed equally.)

2. Jie Huang, Dandan Wang, Zongkuan Yue, Xia Li, Dongmei Chu, and Ping Yang*, Ruthenium Dye N749 Covalently Functionalized Reduced Graphene Oxide: A Novel Photocatalyst for Visible Light H_2 Evolution, J. Phys. Chem. C 2015, 119, 27892-27899.

3. Jie Huang#, Miao Guo#, Hengte Ke, Cheng Zong, Bin Ren*, Gang Liu, He Shen, Yufei Ma, Xiaoyong Wang, Hailu Zhang, Zongwu Deng, Huabing Chen*, and Zhijun Zhang*, Rational Design and Synthesis of γFe_2O_3@Au Magnetic Gold Nanoflowers for Efficient Cancer Theranostics, Adv. Mater., 2015, 27, 5049-5056. (# These authors contributed equally.)

4. Jie Huang, Yijie Wu, Dandan Wang, Yufei Ma, Zongkuan Yue, Yongtao Lu, Mengxin Zhang, Zhijun Zhang and Ping Yang*, Silicon Phthalocyanine Covalently Functionalized N-Doped Ultrasmall Reduced Graphene Oxide Decorated with Pt Nanoparticles for Hydrogen Evolution from Water, ACS Appl. Mater. Interfaces, 2015, 7, 3732-3741.

5. Miao Guo#, Jie Huang#, Yibin Deng, He Shen, Yufei Ma, Mengxin Zhang, Aijun Zhu, Yanli Li, He Hui, Yangyun Wang, Xiangliang Yang, Zhijun Zhang*, and Huabing Chen*, pH-Responsive Cyanine-Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy, Adv. Funct. Mater., 2015, 25: 59-67. (# These authors contributed equally.)

6. Jie Huang, Cheng Zong, He Shen, Yuhua Cao, Bin Ren*, and Zhijun Zhang*, Tracking the

Intracellular Drug Release from Graphene Oxide Using Surface-Enhanced Raman Spectroscopy, Nanoscale, 2013, 5: 10591-10598.

7. Jie Huang, Cheng Zong, He Shen, Min Liu, Biao Chen, Bin Ren*, and Zhijun Zhang*, Mechanism of Cellular Uptake of Graphene Oxide Studied by Surface-Enhanced Raman Spectroscopy, Small, 2012, 8: 2577-2584.

8. Jie Huang, Liming Zhang, Biao Chen, Nan Ji, Fenghua Chen, Yi Zhang, and Zhijun Zhang*, Nanocomposites of Size-Controlled Gold Nanoparticles and Graphene Oxide: Formation and Applications in SERS and Catalysis, Nanoscale, 2010, 2: 2733-2738.