

学术报告

报告时间：2020年08月21日上午9:00

报告地点：图书馆第四会议室

报告内容：《仿生生物材料与界面组织工程》 侯鸿浩 教授

《脑神经信号的深度荧光成像》 田野 教授

专家简介：

侯鸿浩，南方医科大学基础医学院，教授，博士生导师，优秀青年学者。2012年获安徽大学学士学位。2012.09-2018.12在上海交通大学攻读博士学位（硕博连读），2017.10-2018.10赴美国劳伦斯伯克利国家实验室公派留学。

主要研究方向：功能高分子界面材料。

论文代表作：

1. **Honghao Hou**, Jie Yin, Xuesong Jiang. Smart patterned surface with dynamic wrinkles, **Accounts of Chemical Research**, 2019, 52, 1025-1035. (IF=20.832)
2. **Honghao Hou**, Jin Li, Xiangming Li, Joe Forth, Jie Yin, Xuesong Jiang, Brett A. Helms, Thomas P. Russell. Interfacial activity of amine-functionalized Polyhedral Oligomeric Silsesquioxanes (POSS): a simple strategy to structure liquids. **Angewandte Chemie International Edition**, 2019, 58, 1-7. (IF=12.959)
3. **Honghao Hou**, Kaiming Hu, Thomas P. Russell, Xuesong Jiang, et al. Reversible Surface Patterning by Dynamic Crosslink Gradients: Controlling Buckling in 2D. **Advanced Materials**, 2018, 30, 1803463. (IF=25.809)
4. **Honghao Hou**, Jie Yin, Xuesong Jiang. Reversible Diels–Alder reaction to control wrinkle patterns: from dynamic chemistry to dynamic patterns. **Advanced Materials**, 2016, 28, 9126-9132. (IF=25.809)
5. **Honghao Hou**, Fudong Li, et al. Light-reversible hierarchical patterns by dynamic photo-dimerization induced wrinkles, **Journal of Materials Chemistry C**, 2017, 5, 8765-8773. (IF=7.059)

田野, 南方医科大学生物医学工程学院, 教授, 2012 年获复旦大学高分子材料与工程专业学士学位, 2017 年获复旦大学高分子化学与物理专业博士学位。2017.09-2019.05 斯坦福大学化学系, 博士后。

研究方向: 近红外生物荧光成像及其在脑科学中的应用;

聚合物复合纳米粒子及其在癌症治疗中的应用。

论文代表作:

1. **Ye Tian**, Yewen Cao, Yu Wang, Wuli Yang, and Jiachun Feng*, Realizing Ultrahigh Modulus and High Strength of Macroscopic Graphene Oxide Papers Through Crosslinking of Mussel-Inspired Polymers. **Advanced Materials**, 2013, 25(21): 2980-2983. (IF=25.809)
2. **Ye Tian**, Xuejiao Jiang, Xin Chen*, Zhengzhong Shao, and Wuli Yang*, Doxorubicin-Loaded Magnetic Silk Fibroin Nanoparticles for Targeted Therapy of Multidrug-Resistant Cancer. **Advanced Materials**, 2014, 26(43): 7393-7398. (IF=25.809)
3. **Ye Tian**, Shun Shen, Jiachun Feng, Xingguo Jiang, and Wuli Yang*, Mussel-Inspired Gold Hollow Superparticles for Photothermal Therapy. **Advanced Healthcare Materials**, 2015, 4(7): 1009-1014. (IF=6.270)
4. **Ye Tian**, Jianping Zhang, Shiwei Tang, Lei Zhou and Wuli Yang*, Polypyrrole Composite Nanoparticles with Morphology-Controlled Photothermal Effect and Immunological Responses. **Small**, 2016, 12(6): 721-726. (IF=10.856)
5. **Ye Tian**, Ranran Guo, Yajun Wang and Wuli Yang*. Coordination-Induced Assembly of Intelligent Polysaccharide-Based Phototherapeutic Nanoparticles for Cancer Treatment. **Advanced Healthcare Materials**, 2016, 5(24): 3099-3014. (IF=6.270)
6. **Ye Tian**, Ranran Guo, Yunfeng Jiao, Yangfei Sun, Shun Shen, Yajun Wang*, Daru Lu, Xingguo Jiang and Wuli Yang*. Redox Stimuli-Responsive Hollow Mesoporous Silica Nanocarriers for Targeted Drug Delivery in Cancer Therapy. **Nanoscale Horizons**, 2016, 1(6): 480-487. (IF=9.905)
7. **Ye Tian**, Ranran Guo and Wuli Yang*, Multifunctional Nanotherapeutics for Photothermal Combination Therapy of Cancer. **Advanced Therapeutics**, 2018, 1, 1800049.