



苏州大学

材料与化学化工学部

College of Chemistry, Chemical Engineering and Materials Science of Soochow University



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学历及学术经历:

2010年6月获得中国药科大学微生物与生化药学博士学位。2010-2013年美国密歇根大学药学院博士后。2014年3月受聘为苏州大学副教授,现为苏州大学生物医用高分子材料重点实验室成员。在国际主流期刊如J. Control. Release, Biomaterials, Mol. Pharm., ACS Appl. Mater. Inter., Pharm. Res., Nanotechnology等上发表论文20多篇。现主持一项国家自然科学基金青年基金项目 and 一项江苏省高校自然科学基金面上项目。主要研究方向为智能纳米载药体系在恶性脑胶质瘤靶向诊疗方面的应用研究。

研究领域: 生物医用高分子材料、药物控制释放、恶性脑肿瘤靶向治疗。

代表性论文:

1. **Jian Zhang**, Meong Cheol Shin, Victor C. Yang*. Magnetic Targeting of Novel Heparinized Iron Oxide Nanoparticles Evaluated in a 9L-glioma mouse model. Pharm. Res. 2014, 31(3): 579-592.
2. Meong Cheol Shin, **Jian Zhang (co-first author)**, Kyoung Ah Min, Kyuri Lee, Allan E. David, Huining He, Victor C. Yang*. Cell-penetrating peptides: achievements and challenges in application for cancer treatment. J. Biomed. Mater. Res. A, 2014, 102(2): 575-587.
3. **Jian Zhang**, Meong Cheol Shin, Allan E. David, Jie Zhou, Kyuri Lee, Huining He, Victor C. Yang*. Long-Circulating Heparin-Functionalized Magnetic Nanoparticles for Potential Application as a Protein Drug Delivery Platform. Mol. Pharm. 2013 (10): 3892-3902.
4. Dawei Deng, Lingzhi Qu, **Jian Zhang* (co-corresponding author)** Yuxiang Ma, Yueqing Gu*. Quaternary Zn-Ag-In-Se quantum dots for biomedical optical imaging of RGD-modified micelles. ACS Appl. Mater. Inter. 2013 (5): 10858-10865.
5. Jie Zhou, **Jian Zhang (co-first author)** and Victor C. Yang*. Enhanced and selective delivery of enzyme to 9L-glioma tumor via magnetic targeting of PEG modified Glucosidase conjugated iron oxide nanoparticles. Int. J. Nanomed. 2013, 24(37): 375102.
6. Jie Zhou, **Jian Zhang (co-first author)**, Allan E. David, Victor C. Yang*, Magnetic tumor targeting of β -Glucosidase immobilized iron oxide nanoparticles. Nanotechnology 2013 (24): 375102-375113.
7. **Jian Zhang**, Dawei Deng, Hongyan Zhu, Victor C. Yang*, Yueqing Gu*. Folate-Conjugated Thermo-responsive Micelles for Tumor Targeting. J. Biomed. Mater. Res. A 2012, (100A): 3134-3142.
8. **Jian Zhang**, Dawei Deng, Zhiyu Qian, Fei Liu, Xinyang Chen, Lianxiao An and Yueqing Gu*. The targeting behavior of folate-nanohydrogel evaluated by near infrared imaging system in tumor-bearing mouse model. Pharmaceut. Res. 2009, (27):46-55.
9. **Jian Zhang**, Zhiyu Qian and Yueqing Gu*. In vivo anti-tumor efficacy of docetaxel-loaded thermally responsive nanohydrogel. Nanotechnology 2009, (20): 325102-09.
10. **Jian Zhang**, Haiyan Chen, Lin Xu and Yueqing Gu*. The targeted behavior of thermally responsive nanohydrogel evaluated by NIR system in mouse model. J. Control. Release 2008, (131):34-40.