


姓名	杨晓英	职称	教授	所在部门	药学院	研究方向	纳米材料 有机化学	
办公室	药学院 B楼202	办公电话	83336658	电子邮箱	yangxiaoying@tmu.edu. cn			
教育背景								
<p>2003年9月 – 2006年7月 南开大学，高分子化学与物理专业，博士学位 1999年9月 – 2002年7月 南开大学，高分子化学与物理专业，硕士学位 1988年9月 – 1992年7月 南开大学，化学专业，学士学位</p>								
工作经历								
<p>2013年9月– 今 天津医科大学药学院，教授 2008年9月–2013年7月 天津医科大学药学院，副教授 1998年9月–2008年7月 天津医科大学药学院，讲师</p>								
研究成果（本人具有代表性的论著、论文及主持的科研项目）								
论著及编著	<p>1. 参编专著：石墨烯—新型二维碳纳米材料，科学出版社，2013年6月第一版</p>							

论文

- 1) Zhaoyang Guo, Liting Wu, Yang Wang, Yanpeng Zhu, Guoyun Wan, Rongshan Li, Yinghua Zhang, Dong Qian, Yinsong Wang*, Xiang Zhou*, Zunfeng Liu, **Xiaoying Yang***. Design of dendritic large-pore mesoporous silica nanoparticles with controlled structure and formation mechanism in dual-templating strategy. *ACS Applied Materials & Interfaces*, **2020**, *12*, 18823-18832.
- 2) Yajun Jiang, Zhaoyang Guo, Jing Fang, Beibei Wang, Zhiqiang Lin, Zhe-Sheng Chen, Yan Chen, Ning Zhang, **Xiaoying Yang***, Wei Gao*. A multi-functionalized nanocomposite constructed by gold nanorod core with triple-layer coating to combat multidrug resistant colorectal cancer. *Materials Science and Engineering: C*, **2020**, *107*, 110224.
- 3) Chunhui Gao, Yinghua Zhang, Yan Zhang, Shaoyong Li, Xinlin Yang, Yan Chen, Jingwei Fu, Yinsong Wang* and **Xiaoying Yang***. cRGD-modified and disulfide bond-crosslinked polymer nanoparticles based on iopamidol as a tumor-targeted CT contrast agent. *Polymer Chemistry*, **2020**, *11(4)*, 889-899.
- 4) Beibei Wang, Sunyi Wu, Zhiqiang Lin, Yajun Jiang, Yan Chen, Zhe-Sheng Chen, **Xiaoying Yang***, Wei Gao*. A personalized and long-acting local therapeutic platform combining photothermal therapy and chemotherapy for the treatment of multidrug-resistant colon tumor. *International Journal of Nanomedicine*, **2018**, *13*, 8411-8427.
- 5) Qianyu Zhang, Li Wang, Yajun Jiang, Wei Gao, Yinsong Wang, **Xiaoying Yang***, Xinlin Yang, and Zunfeng Liu*. Gold nanorods with silica shell and PAMAM dendrimers for efficient photothermal therapy and low toxic codelivery of anticancer drug and siRNA. *Advanced Materials Interfaces*, **2017**, *4(24)*, 1701166.
- 6) Xinghua Liu, Chunhui Gao, Junheng Gu, Yunfang Jiang, Xinlin Yang, Shaoyong Li, Wei Gao, Tong An, Hongquan Duan, Jingwei Fu, Yinsong Wang*, **Xiaoying Yang***. Hyaluronic acid stabilized iodine-containing nanoparticles with Au nanoshell coating for X-ray CT imaging and photothermal therapy of tumors. *ACS Applied Materials & Interfaces*, **2016**, *8(41)*, 27622-27631.

论文

- 7) Yunfang Jiang, Qianyu Zhang, Xinghua Liu, Yifu Chen, Li Wang, Jingwei Fu, Hongquan Duan, Yinsong Wang, **Xiaoying Yang***. Au nanoshell-coated superparamagnetic Fe₃O₄-silica composite nanoparticles with surface modification of an activatable cell-penetrating peptide for tumor-targeted multimode bioimaging and photothermal therapy. *RSC advances*, **2016**, 6(88), 85587-85594.
- 8) Yunfang Jiang, Xinghua Liu, Jing Li, Lei Zhou, **Xiaoying Yang***, Yi Huang*. Enhanced electrochemical oxidation of p-nitrophenol using single-walled carbon nanotubes/silver nanowires hybrids modified electrodes. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 6078-6081.
- 9) Xiufen Cao, Shuang Zheng, Sipei Zhang, Yinsong Wang, Xiaoying Yang*, Hongquan Duan, Yi Huang*, and Yongsheng Chen. Functionalized graphene oxide with hepatocyte targeting as anti-tumor drug and gene intracellular transporters. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 2052-2059.
- 10) Fuli Feng, Rongrong Li, Qingyun Zhang, Yinsong Wang, **Xiaoying Yang***, Hongquan Duan, Xinlin Yang*. Preparation of reduction-triggered degradable microcapsules for intracellular delivery of anti-cancer drug and gene. *Polymer*, **2014**, 55, 110-118.
- 11) Rongrong Li, Fuli Feng, Yinsong Wang, **Xiaoying Yang***, Xinlin Yang*, Victor C. Yang. Folic acid-conjugated pH/temperature/redox multi-stimuli responsive polymer microspheres for delivery of anti-cancer drug. *Journal of Colloid and Interface Science*, **2014**, 429, 34-44.
- 12) Xiufen Cao, Fuli Feng, Yinsong Wang, **Xiaoying Yang***, Hongquan Duan, Yongsheng Chen. Folic acid-conjugated graphene oxide as a transporter of chemotherapeutic drug and siRNA for reversal of cancer drug resistance. *Journal of Nanoparticle Research*, **2013**, 15, 1965-1976.
- 13) **Xiaoying Yang***, Gaoli Niu, Xiufen Cao, Yuku Wen, Rong Xiang,* Hongquan Duan and Yongsheng Chen*. The preparation of functionalized graphene oxide for targeted intracellular delivery of siRNA. *Journal of Materials Chemistry*, **2012**, 22, 6649-6654.
- 14) **Xiaoying Yang***, Yinsong Wang, Xin Huang, Yanfeng Ma, Yi Huang, Rongcun Yang, Hongquan Duan and Yongsheng Chen*. Multi-functionalized graphene oxide based anticancer drug-carrier with dual-targeting function and pH-sensitivity. *Journal of Materials Chemistry*, **2011**, 21, 3448-3454.
- 15) **Xiaoying Yang***, Lei Chen, Bin Han, Xinlin Yang*, Hongquan Duan. Preparation of magnetite and tumor dual-targeting hollow polymer microspheres with pH-sensitivity for anticancer drug-carriers. *Polymer*, **2010**, 51, 2533-2539.
- 16) **Xiaoying Yang***, Xiaoyan Zhang, Yanfeng Ma, Yi Huang, Yinsong Wang, Yongsheng Chen*, Superparamagnetic graphene oxide-Fe₃O₄ nanoparticles hybrid for controlled targeted drug carriers. *Journal of Materials Chemistry*, **2009**, 19, 2710-2714.

	<p>17) Xiaoying Yang*, Liting Chen, Bo Huang, Feng Bai, Xinlin Yang*. Synthesis of pH-Sensitive Hollow Polymer Microspheres and Their Application as Drug Carriers". <i>Polymer</i>, 2009, <i>50</i>, 3556–3563.</p> <p>18) Xiaoying Yang*, Xiaoyan Zhang, Zunfeng Liu, Yanfeng Ma, Yi Huang, Yongsheng Chen*, High-efficiency loading and controlled release of doxorubicin hydrochloride on graphene oxide. <i>Journal of Physical Chemistry C</i>, 2008, <i>112</i>, 17554–17558.</p> <p>19) Xiaoying Yang*, Zhuohan Zhang, Zunfeng Liu, Yanfeng Ma, Rongcun Yang, Yongsheng Chen*. Multi-functionalized single-walled carbon nanotubes as tumor cell targeting biological transporters. <i>Journal of Nanoparticle Research</i>, 2008, <i>10</i>, 815–822.</p>
科研项目	<ol style="list-style-type: none"> 1. 国家自然科学基金面上项目 (No. 12074284)：利用低剂量 X 线和近红外光协同抗肿瘤的多功能纳米体系的研究 (2021.01-2024.12)，60 万，主持人。 2. 天津市自然科学基金面上项目 (No. 20JCYBJC00170)：用于肿瘤放疗/放射动力/光热联合治疗的高携氧树枝状大孔硅纳米仿生体系的构建和应用 (2020.04-2023.03)，10 万，主持人。 3. 天津市应用基础与前沿技术研究计划重点项目 (No. 15JCZDJC36300)：可激活穿膜肽介导的 CT 对比剂用于肿瘤靶向成像的研究 (2015.04-2018.03)，20 万，主持人。 4. 国家自然科学基金青年科学基金 (No. 51103106)：基于氧化石墨烯的肝靶向小干扰 RNA 和抗肿瘤药物共载输送体系的研究 (2012.01-2014.12)，25 万，主持人。 5. 博士后基金特别资助 (No. 201104289)：基于逆转肝癌多药耐药的小干扰 RNA 和抗肿瘤药物共载输送体系的研究 (2011.10-2013.10)，10 万，主持人。 6. 博士后基金面上一级资助 (No. 20100480042)：基于多功能单层氧化石墨烯的靶向性基因载体的制备 (2010.12-2012.12)，5 万，主持人。 7. 天津市高等学校科技发展基金计划项目 (No. 20090102)：基于多功能新型碳纳米材料的靶向性抗肿瘤药物载体 (2009.12-2012.11)，3 万，主持人。 8. 天津市应用基础及前沿技术研究计划 (No. 07JCYBJC01700)：基于单壁碳纳米管的肝靶向性抗癌药物载体的研究 (2007.04-2009.09)，8 万，主持人。 9. 横向课题：碳纳米管与生物复合传感器制备技术的研发 (2012.11-2014.10)，13 万，主持人。
荣誉奖励	
1.	
其他事项	

