

# 李晓强 博士

## 1. 个人简介



李晓强，1983 年 7 月 30 日出生，2009 年 12 月毕业于东华大学高分子化学与物理专业，获工学博士学位；2010 年 4 月-2012 年 2 月先后赴茨城大学(日本)和丹麦技术大学进行博士后

工作。2015 年 8 月晋升副教授，现任江南大学纺织服装学院硕士生导师。兼任东京农工大学特别研究员、中国留日总会归国理事等；担任 Colloids and Surface B、Materials Science and Engineering C、ACS applied materials interfaces、Polymers Composites 等国际知名期刊审稿人。

主要从事的差别化纤维和功能纳米纤维的研究，主要从事《纺织品国际贸易》、《服装人体工学》和《科学研究方法》教学工作；共发表 SCI 论文近 40 篇，其中第一作者 12 篇，通讯作者 5 篇；获国家发明专利 1 项；主持国家自然科学基金(青年)1 项、主持江苏省自然科学基金(青年)1 项，主持横向课题 3 项；指导本科生荣获校优秀毕业论文 1 项。

## 2. 研究生教育

学术型研究生招生专业：纺织工程

研究方向：纤维制品现代加工技术及清洁化生产、差别化纤维，功能纳米纤维

专业学位研究生招生专业：纺织工程

研究方向：纤维过滤材料，自发热纤维面料

## 3. 联系方式

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## 主持项目：

1. 石墨烯/Cen+二元掺杂 TiO<sub>2</sub> 纳米纤维光阳极的制备及其光电转换机理研究. 江

苏省自然科学基金(青年). 2013/07-2016/06;  
2. 国家自然青年科学基金-纳米纤维比率荧光探针可视化检测水胺硫磷的研究.  
国家自然科学基金(青年). 2016/01-2018/12;

#### 获得专利:

1. 具有导电和光转换储能功能的聚合物材料的制备方法. ZL 2014 1 0056813.2

#### 代表论文:

1. **Xiaoqiang Li\***, Wanqan Liu, Shuiping Liu, Mengjuan Li, Yonggui Li, Mingqiao Ge\*. In situ polymerization of aniline in electrospun microfibers. Chinese Chemical Letters. 25: 83-86, 2014.
2. **Li Xiaoqiang\***, Wanwan Liu, Mengjuan Li, Yonggui Li, Mingqiao Ge\*. Characterizations and Cr (VI) Adsorption Properties of Polyaniline/Filter-Paper Composite. Polymer Composites. 35:993-998, 2014.
3. Shuiping Liu\*, Jiajia Fu, Mengjuan Li, Lin Lin, **Xiaoqiang Li**, Ming-Qiao Ge, Preparation, characterization and biocompatibility of aspartic acid modified CdTe quantum dots. Chinese Chemical Letters 25 (2014) 933-936.
4. **Li Xiaoqiang**, Muzafar A. Kanjwal, Lin Lind, Ioannis S. Chronakis\*. Electrospun polyvinyl-alcohol nanofibers as oral fast-dissolving delivery system of caffeine and riboflavin. Colloids and Surfaces B: Biointerfaces. 103:182-188, 2013.
5. **Li Xiaoqiang\***, Lin Lin, Yanan Zhu, Wanwan Liu, Tianshi Yu, Mingqiao Ge\*. Preparation of ultrafine fast-dissolving Cholecalciferol-Loaded Poly(vinyl pyrrolidone) Fiber Mats Via Electrospinning. Polymer Composites, 34:282-287, 2013.
6. **Xiaoqiang Li\***, Wanwan Liu, Mengjuan Li, Yonggui Li, Mingqiao Ge\*. Preparation of Poly(L-lactide-co-caprolactone)/Polyvinyl-alcohol Composite for Dual-drug Encapsulation via Electrospinning. Journal of Polymer Materials. Vol. 30, No. 3, 2013, 261-272.
7. **Li Xiaoqiang**, Lin Lin, Muzafar A. Kanjwal, Ioannis S. Chronakis, Shuiping Liu\*, Yanmo Chen. Preparing photochromic nanofibers and animal cells using a novel photochromic compound of 1', 3', 3'- trimethyl-6-nitrospiro (2H-1-benzopyran-2, 2'-indoline). Colloids and interfaces B: Biointerfaces. 89: 67-72, 2012.
8. **Li Xiaoqiang**, Muzafar A. Kanjwal, Karen Stephensen, Ioannis S. Chronakis\*. Preparing poly (caprolactone) micro-particles through solvent-induced phase separation. Materials Letters. 75: 189-191, 2012.
9. Muzafar A. Kanjwal, Faheem A. Sheikh, Nasser A.M. Barakat, **Li Xiaoqiang**, Hak Yong Kim, Ioannis S. Chronakis. Zinc oxide's hierarchical nanostructure and its photocatalytic properties. Applied Surface Science, 258 (8): 3695-3702, 2012. **IF=1.793**
10. Lin Lin, **Li Xiaoqiang**, Cui Fengjie, Zhou Haining, Shen Xiangqian, Dong Mingdong. Transesterification of rapeseed oil to biodiesel on CaO/ $\alpha$ -Fe hollow fiber catalyst:

Optimization by response surface methodology. *Bioenergy Research*, 5:949-957, 2012.

11. Fu Jiajia, **Li Xiaoqiang**, Gao Weidong, Wang, Hongbo, Cavaco-Paulo, Artur, Silva, Carla. Bio-processing of bamboo fibres for textile applications: a mini review. *Biocatalysis and Biotransformation*. 30(1): 141-153, 2012.
12. Ling Lin, Wenzhong Gong, Xuan Wang, **Li Xiaoqiang\***, Shanyuan Wang\*. Preparation and characterizations of antibacterial pet-based hollow fibers containing silver particles. *Materials Letters Volume 65*:1375-1377, 2011.
13. Su Yan, **Li Xiaoqiang**, Liu Yinan, Su Qianqian, Marcus LimWei Qiang and Mo Xiumei. Encapsulation and Controlled Release of Heparin from Electrospun Poly(L-Lactide-co- $\epsilon$ -Caprolactone) Nanofibers. *Journal of biomedical science: polymer edition*. 22: 165-177, 2011.
14. Dong. F. Wang, **Li Xiaoqiang**, Maeda Ryutaro. Magnetic Mesa-structure Array for Ensemble Detection Applications of Nuclear Spins. *Micro and Nano Letters*. 6 (7): 537–539, 2011.
15. **Li Xiaoqiang**, Su Yan, and Mo Xiumei. Encapsulating and release of growth factor from emulsion electrospun Poly(L-Lactide-co- $\epsilon$ -Caprolactone) Nanofibers for tissue engineering. *Colloids and interfaces B: Biointerfaces*. 75, 418-424, 2010.
16. Liu Shuiping, Tan Lianjiang, Hu Weili, **Li Xiaoqiang \***, Chen Yanmo\*. Cellulose acetate nanofibers with photochromic property: Fabrication and characterization. *Materials Letters* 64: 2427–2430, 2010.
17. Su Yan, **Li Xiaoqiang**, Liu Shuiping, Wang Hongsheng, He Chuanglong. Fabrication and Properties of PLLA-Gelatin Nanofibrous by Electrospinning. *Journal of Applied Polymer Science*. 117, 542-547, 2010.
18. Chen Rui, **Li Xiaoqiang**, Ke Qinfei, He Chuanglong, Mo Xiumei. Fabrication and characterization of collagen (shell)/thermoplastic polyurethane (core) composite nanofibers by coaxial electrospinning. *E-POLYMERS*, NUB: 009, 2010.
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20. **Li Xiaoqiang**, Su Yan, Chen Rui, He Chuanglong, Wang Hongsheng, Mo Xiumei. Fabrication and properties of core-shell structure P(LLA-CL) nanofibers by co-axial electrospinning. *Journal of Applied Polymer Science*, 111: 1564-1570, 2009.
21. **Li Xiaoqiang**, Su Yan, He Chuanglong, Wang Hongsheng, and Mo Xiumei. A Study of the Electrospinning of an H<sub>2</sub>O-Acetone-PCL Ternary System. *Polymers & Polymer Composites*, Vol. 17, 37-40, 2009.
22. **Li Xiaoqiang**, Su Yan, Zhou Xu, and Mo Xiumei. Distribution of Sorbitan Monooleate in Poly(L-lactide-co- $\epsilon$ -caprolactone) Nanofibers from Emulsion Electrospinning. *Colloid and surfaces B*, 69: 221-224, 2009.

23. **Li Xiaoqiang**, Su Yan, He Chuanglong, Wang Hongsheng, and Mo Xiumei. Sorbitan Monooleate and Poly(L-lactide-co- $\epsilon$ -caprolactone) Electrospun Nanofibers for Endothelial Cell Interactions. *Journal of Biomedical Materials Research: Part A*. 91: 878-885, 2009.
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25. Su Yan, **Li Xiaoqiang**, Liu Shuiping, Mo Xiumei, Seeram Ramakrishna. Controlled Release of Dual drugs from Emulsion Electrospun Nanofibrous Mats. *Colloids and interfaces B: Biointerfaces*. 73 (2), 376-381, 2009.
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