



个人简介:

姓名: 贺晓凌 出生年月: 1971.11
技术职务: 副教授 专业及学历: 材料学/博士研究生
办公电话:
电子邮箱: hexiaoling@tjpu.edu.cn

工作及教育经历:

2001/07–至今, 天津工业大学, 教师
2006/09–2010/10, 天津工业大学, 博士
1998/09–2001/06, 河北师范大学, 硕士
1992/09–1996/06, 河北师范大学, 学士

研究方向:

1. 生物材料
2. 智能凝胶
3. 微生物法处理污水

主持及参加的科研项目:

1. 温敏支架材料表面纳微米结构设计及其对细胞行为的调控 国家自然科学基金
2. 纳米拓扑智能膜的构建及其对细胞行为影响的研究 天津市自然科学基金
3. 适用于印染废水处理的真菌菌株的筛选及应用 天津市科技特派员项目
4. 肝组织工程用温敏凝胶及其生物相容性研究 天津市高等学校科技发展基金
5. 糖化温敏凝胶及其与细胞相互作用研究 国家自然科学基金
6. 细胞活化温敏凝胶膜的研究 教育部高校博士点基金
7. 原子转移自由基聚合法制备温敏性聚偏氟乙烯及其成膜过程与分离性能研究 国家自然科学基金

8. 分离用温度敏感聚偏氟乙烯中空纤维膜关键技术研究 国家高技术研究发展计划(863 计划)

代表性学术论文:

1. **Xiao-Ling He***, Chao Song, Yuan-Yuan Li, Ning Wang, Lei Xu, Xin Han, Dong-Sheng Wei. Efficient degradation of Azo dyes by a newly isolated fungus *Trichoderma tomentosum* under non-sterile conditions. *Ecotoxicology and Environmental Safety*, 2018,150:232–239.
2. **Xiao-Ling He***, Fang Liang, Fu Wang, Liang-Shuai Zou, Jing Wang, Chao-Kai Tang, Kong-Yin Zhao, Dong-Sheng Wei. Targeted delivery and thermo/pH-controlled release of doxorubicin by novel nanocapsules. *Journal of Material Science*, 2018, 53: 2326–2336.
3. **Xiao-Ling He***, Yu-Xin Zhao, Li-Li Ge, Hui-Qin An, Yu Su, Zhen-Li Jin, Dong-Sheng Wei, Li Chen. Micropatterned fabrication of chitosan-based thermoresponsive membranes for improving cell adhesion and gene expression. *Journal of Bioactive and Compatible Polymers*, 2016, 31(4): 373–392.
4. **Xiao-Ling He***, Yu-Xin Zhao, Li-Li Ge, Hui-Qin An, Yu Su, Zhen-Li Jin, Dong-Sheng Wei, Li Chen. Design and cytocompatibility of chitosan-based thermoresponsive cell culture plates. *Journal of applied biomaterials & functional materials*, 2016,14(4):e404– e412.
5. **Xiao-Ling He***, Li-Li Ge, Ze-Li Liu, Wen-Jia Lu, Jia-Quan Li, Yue-Mei Zhao, Xiang-Xu Li, Ning Yang, Li Chen, Dong-Sheng Wei. Glycyrrhetic acid-based thermoresponsive hydrogel as a synthetic extracellular matrix for hepatocyte culture and recovery. *Industrial & Engineering Chemistry Research*, 2014,53:10618– 10628.
6. **Xiao-Ling He**, Ping-Ping Nie, Bi-Zhou Chen, Xiang-Xu Li, Li Chen. A novel method to fabricate thermoresponsive microstructures with improved cell attachment /detachment properties. *Journal of Biomedical Materials Research Part A*, 2012, 100 A (8):1946–1953.
7. **Xiao-Ling He**, Ping-Ping Nie, Yan-Kai Sun, Ying Wang, You-Yu Dong, Li Chen. Immobilization of galactose ligands on thermoresponsive culture surface and its

influence on cell adhesion /detachment. *Journal of Colloid and Interface Science*, 2010,350:471–479.

8. **Xiao-Ling He**, Shen Yu, You-Yu Dong, Fan-Yong Yan, Li Chen. Preparation and properties of a novel thermo-responsive poly(N-isopropylacrylamide) hydrogel containing glycyrrhetic acid. *Journal of Materials Science*, 2009,44(15):4078–4086.

9.**Xiao-Ling He**, Yi-Ping Zhao, You-Yu Dong, Li Chen, Jing Dong. Photografting of poly(N-isopropylacrylamide) and galactose onto tissue culture polystyrene. The 238th ACS National Meeting, 194, Washington, DC, 2009.07.16–20.

10. Yue-Mei Zhao, **Xiao-ling He** *, Jia-Quan Li, Xiang-Xu Li, Li Chen , Dong-Sheng Wei. Preparation and properties of thermosensitive poly(N-isopropylacrylamide -co-glycyrrhetic acid) microgels for controlled growth factor release. *Applied Mechanics and Materials*, 2014,457-458:148–151.