



闫立峰 教授

作者： 2011/01/20 10:28

姓名：闫立峰 副教授

电话：0551-3606853 (O)

传真：0551-3602969

电子邮件：lfyan@ustc.edu.cn



个人简介

1969年生于内蒙古莫里达瓦旗，1991年本科毕业于郑州大学，2001年毕业于中国科学技术大学，获博士学位。2003年12月任副教授。曾多次到日本东京大学，东京工业大学和大阪大学等做JSPS访问学者。Macromolecules:An Indian Journal 编委

研究方向

绿色化学与高分子物理化学

- (1) 以生物质为原材料的绿色化学研究;
- (2) 高分子的绿色合成与低维物理;
- (3) 生物大分子及生物材料合成与性能

在研项目

2008 - 2012 主持科技部973计划“大规模制备生物质高品位燃料的基础研究”子课题：“生物质预处理微观过程的研究”

2008-2010 主持科技部“国家科技支撑计划”课题“秸秆生产可降解技术与装备和无纺织的无污染新技术及设备”子课题“秸秆中纤维素的绿色释放与溶解”

获奖情况

1997年度华为奖教金二等奖

近期论文与专著

1. Lifeng Yan*, Kazuhiko Ishihara. Graft Copolymerization of 2-Methacryloyloxyethyl Phosphorylcholine to Cellulose in Homogeneous Media Using Atom Transfer Radical Polymerization for Providing new Hemocompatible Coating Materials. J. Polym. Sci. Part A: Polym. Chem., Accepted and in press.(POLA22670)
2. Lifeng Yan*, Wei Tao. Synthesis of Achiral PEG-PANI Rod-Coil Block Copolymers and their Helical Superstructures. J. Polym. Sci. Part A: Polym. Chem., 2008, 46, 12-20.
3. Jing Ji, Lifeng Yan* , Dinghai Xie. Surfactant-free Synthesis of Amphiphilic Diblock Copolymer in Aqueous Phase by a Self-stability Process. J. Polym. Sci. Part A: Polym. Chem. 2008, 46, 3098-3107.
4. Lifeng Yan*, Juan Chen, Prakriti R Bangal. Dissolving of Cellulose in NaOH/thiourea Aqueous Solution: A Topochemical Investigation. Macromole. Biosci., 2007, 7, 1139-1148.
5. Lifeng Yan*, Hongwen Liu, H. Iwasaki. STM-induced light emission of conjugated polymer thin film in different chain aggregations. Physica B., 2007, 393, 6-10.
6. Lifeng Yan*, Hongwen Liu, H. Iwasaki. Mutual enhancement between plasmon and molecular fluorescence of conjugated polymer on metal substrates induced by STM. Chem. Phys. Lett., 2007, 433, 312-316
7. Lifeng Yan*, Lin Wei, Prakriti R Bangal. Nanofibers formation of Hydroxylpropylcellulose (HPC). Macromole. Biosci., 2006, 6(7), 532-539.
8. Lifeng Yan*, Fan Yang. Prediction and Phase Segregation in Thin-Film of Conjugated Polymer Blends. J. Polym. Sci. Part B: Polym. Phys. 2005, 43, 1382.
9. Lifeng Yan*, Hui Wu, Qingshi Zhu. Emulsifier-free Ultrasonic Emulsion Copolymerization of Styrene with Acrylic Acid in Water. Green Chemistry.2004, 6, 99-103.
10. Lifeng Yan*, Wan Li, Jinlong Yang, Qingshi Zhu. Direct Visualization of Straw Cell Walls by AFM. Macromol. Biosci., 2004, 4, 112-118.

