



学院首页

学院简介

师资队伍

教育教学

科学研究

党群工作

合作交流



## 师资队伍

当前位置: 学院首页 > 师资队伍 > 高分子材料系 > 教授-研究员 > 正文

## 冉蓉



职称: 教授

所属学科: 高分子材料

导师情况: 博导

E-mail: ranrong@scu.edu.cn

个人主页:

### 教师简介

冉蓉，女，中共党员，工学博士，教授，博士生导师。现任四川大学高分子科学与工程学院副院长。2007年获四川大学高分子材料专业博士学位。讲授本科生专业《高分子物理》与《高分子化学》等课程，先后获得2018年高等教育国家级教学成果奖特等奖，四川大学第二届“卓越教学”奖，四川大学首届“最受学生欢迎教师”；大学第八届教学名师奖，四川大学“唐立新教学名师奖”；四川大学第四届优秀教学三等奖等。主要从事智能聚合物水凝胶、聚合反应方法、纤维素的疏水改性、活性/聚合研究。承担了国家自然科学基金项目、省科技支撑计划项目等国家/省部级科研项目10余项。研究成果在Journal of Materials Chemistry A, ACS Applied Materials Interfaces, Nanoscale, Macromolecules等期刊发表，SCI论文30余篇。

#### 教育经历 (按时间倒排序):

1985/09-1989/07, 成都科技大学, 应用化学系, 工学学士

1989/09-1992/07, 成都科技大学, 应用化学系, 工学硕士  
2002/09-2007/07, 四川大学, 高分子科学与工程学院, 工学博士

#### 工作经历 (科研与学术工作经历, 按时间倒序排序):

1992/07-2001/07, 成都科技大学, 应用化学系, 讲师

2001/06-2002/07, 四川大学, 高分子材料学院, 讲师

2002/08-2010/07, 四川大学, 高分子学院, 副教授

2010/07-今, 四川大学, 高分子学材料与工程院, 教授

#### 研究领域:

1. 高分子智能凝胶材料
2. 非均相聚合方法
3. 环境友好及医用高分子材料
4. 功能高分子材料
5. 活性/可控自由基聚合

#### 联系方式:

通讯地址: 四川省成都市一环路南一段西区第四教学楼304c, 邮编610065

Email: ranrong@scu.edu.cn

#### 代表性论文(近几年):

- [1] Xiangdong Wang, Kexin Yu, Ran An, Linglin Han, Yulin Zhang, Lingying Shi and **Rong Ran\***. Self-assembling GO/Modified HEC Hybrid Stabilized Pickering Emulsions and Templated Polymerization for Biomedical Hydrogels. **Carbohydrate Polymers 2019**, 207: 694-703. (IF=5.158)
- [2] Xiangdong Wang, Meng Wu, Baoming Zhang, Yulin Zhang, Chengxin Hu, Linying Shi, YusanLv, **Rong Ran\***. Phase-transfer method synthesis hydroxyethyl cellulose lauryl ether. **and Surfaces A: Physicochemical and Engineering Aspects 2019**, 562:383-391. (IF=2.829)
- [3] JingChen, RanAn, LinglinHan, XiangdongWang, YulinZhang, LingyingShi and **Rong Ran\***. Tough hydrophobic association hydrogels with self-healing and reforming capabilities polymeric core-shell nanoparticles. **Materials Science and Engineering: C 2019**. (IF=5.080)
- [4] Fen Liao, Ling-Ying Shi, \* Li-Chen Cheng, Sangho Lee, **Rong Ran**, K.G. Yager and Caroline A. **Ross\***. Self-assembly of a silicon-containing side-chain liquid crystalline block copolymer in thin film: kinetic pathway of cylinder to sphere transition. **Nanoscale 2019**, 11(1): 285-293. (IF=7.233)
- [5] Lu Xing, Chengxin Hu, Yulin Zhang, Xiangdong Wang, Lingying Shi and **Rong Ran\***. A mechanically robust double-network hydrogel with high thermal responses via doping hybrid boron nitride nanosheets. **Journal of Materials Science 2019**, 54(4): 3368-3382 (IF=2.993)
- [6] ChengxinHu, RanAn, LinglinHan, XiangdongWang, YinglingShi and **Rong Ran\***. Preparation of High Strength Double Physically cross-linked Hydrogels by Immersion Method — Homogeneous soaking. **Colloids and Surfaces A: Physicochemical and Engineering Aspects 2018**, 559: 74-82. (IF=2.83)
- [7] Yulin Zhang, Ran An, Linglin Han, Xiangdong Wang, Lingying Shi and **Rong Ran\***. Novel Self-healing, Shape-memory, Tunable Double Layer Actuators Based on Semi-IPN and Fused Double Network Hydrogels. **Macromolecular Materials and Engineering 2018**, 303(12): 1800505. (IF=2.69)
- [8] Chengxin Hu, Yulin Zhang, Xiangdong Wang, Lu Xing, Lingying Shi and **Rong Ran\***. Stable, Strain-Sensitivity Conductive Hydrogel with Anti-freezing Capable, Remoldability and Reusability. **ACS Applied Materials & Interfaces 2018**, 10(50): 44000-44010. (IF=8.097)
- [9] Ling-Ying Shi, Wei-Wei Lei, Fen Liao, Jing Chen, Meng Wu, Yi-Yi Zhang, Chen-XinHu, Lu Xing, Yu-Lin Zhang and **Rong Ran\***. H-bonding tuned phase transitions of a strong micro phase separated polydimethylsiloxane-b-poly (2-vinylpyridine) block copolymer. **Polymer 2018**, 153: 277-286. (IF=3.483)
- [10] YongfuDiao, Mingwei Song, YulinZhang, Lin-ying Shi, YusanLv and **Rong Ran\***. Enzymic degradation of hydroxyethyl cellulose and analysis of the substitution pattern along the polysaccharide chain. **Carbohydrate polymers 2017**, 169: 92-100. (IF=5.158)
- [11] Wei Cui, Jin Ji, Yi-Feng Cai, Hang Li and **Rong Ran\***. Robust, anti-fatigue, and self-healing graphene oxide/hydrophobically associated composite hydrogels and their use as recyclable adsorbents for dye wastewater treatment. **Journal of Materials Chemistry A 2015**, 3(33): 17445-17458. (IF=9.931)
- [12] Jia-Zhuang Xu, Zi-Jing Zhang, Huan Xu, Jing-Bin Chen, **Rong Ran\***, and Zhong-Ming Li\*. Highly Enhanced Crystallization Kinetics of Poly(L-lactic acid) by Poly(ethylene glycol) Grafted Graphene Oxide Simultaneously as Heterogeneous Nucleation Agent and Chain Mobility Promoter. **Macromolecules**, 2015, 48 (14), pp 4891-4900. (IF=5.80)

#### 学生培养情况:

累计培养硕博研究生共30余人, 师生间相处融洽, 共同进步。已毕业的学生在国内外知名企业就职, 或在国内外知名高校深造。

2014-2018 版权所有©四川大学高分子科学与工程学院 传真: 86-28-85405402  
联系地址: 四川省成都市一环路南一段24号 E-mail: gaocaixi@scu.edu.cn  
联系电话: 86-28-85461786 86-28-85405401 邮编: 610065