

Tingwei Ren

PENNSTATE



Contact: txr942@psu.edu
(814)-777-5199

Address: 162 Fenske Laboratory,
The Pennsylvania State University
University Park, PA, 16802

EDUCATION

- Sept.2013-present: Department of Chemical Engineering, The Pennsylvania State University
Advisor: Dr. Manish Kumar of Chemical Engineering
Current GPA: 4.0/4.0
- Sept. 2009-July.2013: Department of Chemical Engineering, Tsinghua University.
Chemical and Industrial Biological Engineering

ACADEMIC EXPERIENCE

- Oct, 2012 – June,2013 Bachelor Thesis
 - State Key Laboratory Of Chemical Engineering, Tsinghua University
 - Research on synthesis the polymers with co-axial structure by using the technology of electrospinning
 - Controlling the surface properties and structure of hollow fibers by combining microfluidic technology and electrospinning technology
 - Fundamental study of transport properties in electrospinning process
- March, 2012 - June, 2012 Research Training Program
 - Beijing Key Laboratory of Green Chemical Reaction Engineering and Technology, Tsinghua University
 - Analysis and simulate the properties in liquid-liquid system of microchannels
 - Analysis and simulate the properties in liquid-gas system of microchannels
- March, 2011 - January, 2012 Student Researching Training
 - State Key Laboratory of Chemical Engineering, Tsinghua University
 - Research on synthesis of pH-sensitive poly (Acrylic acid and Acrylamide) hydrogel beads by Microfluidic device and fabrication method
 - Explore the cause of the core-shell structure of the poly (Acrylic acid and Acrylamide) hydrogel beads

PUBLICATIONS

Bodong Yang, Yangcheng Lu, Tingwei Ren, Guangsheng Luo, One-step Synthesis of pH-sensitive Poly(Acrylamide-co-Sodium Acrylate) beads with core-shell structure, *Reactive & Functional Polymers*, S1381-5148(12)00235-0, REACT 3098
<http://dx.doi.org/10.1016/j.reactfunctpolym.2012.08.012>

AWARDS AND HONORS

2012 Tsinghua Scholarship for Outstanding Research Performance
2011 Tsinghua Scholarship for Outstanding Academic Performance
2010 Bronze Award of summer practice of Tsinghua University