



张红东

## 张红东 博士，教授

1985-1989	复旦大学	高分子学士
1989-1992	复旦大学	高分子硕士
1995-1999	复旦大学	高分子博士
1992-1994	复旦大学	助教
1994-1998	复旦大学	讲师
1998-2006	复旦大学	副教授
2006-至今	复旦大学	教授



### 研究领域 (Current Research Area)

- ① 高分子化学与物理中的理论和模拟  
Theoretical Approaches and Computer Simulations in Polymer Chemistry and Physics.

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- ② 多相高分子复杂流体分相动力学与力学性能的理论研究  
Theoretical Studies on Phase Separation Dynamics and Mechanic Properties of Multi-phase Polymeric Complex Fluids.

- ③ “软粒子”的形状、形态及性能  
Shapes, Morphologies and Properties of “Soft Particles” such as Vesicles, Soft Filler etc in Polymeric Materials

### Education and Employment

1985-1989	B.S., Fudan University, China
1989-1992	M.S., Fudan University, China
1995-1999	Ph.D., Fudan University, China
1992-1994	Teaching Assistant, Fudan University, China
1994-1998	Lecturer, Fudan University, China
1998-2006	Associate Professor, Fudan University, China
2006 till now	Professor, Fudan University, China

### 代表性论文 (Selected Publications)

- Li JF, Fan J, Zhang HD, Tang P, Yang YL, Self-assembled pattern formation of block copolymers on the surface of the sphere using self-consistent field theory, *Eur. Phys. J. E*, 2006, 20, 449-457
- Li JF, Zhang HD, Tang P, Qiu F, Yang YL, A Discrete, Space Variation Model for Studying the Kinetics of Shape Deformation of Vesicles Coupled with Phase Separation, *Macromol. Theor. Simul.*, 2006, 15, 432-439

- Nie LX, Yang WL, Zhang HD\*, Fu SK\*, Monte Carlo simulation of microemulsion polymerization, *Polymer*, 2005, 46, 3175-3184
- Huo YL, Zhang HD, Yang YL, Effects of reversible chemical reaction on morphology and domain growth of phase separating binary mixtures with viscosity difference, *Macromol. Theor. Simul.*, 2004, 13(3), 280-289
- Huo YL, Zhang HD, Yang YL, The morphology and dynamics of the viscoelastic microphase separation of diblock copolymers, *Macromolecules*, 2003, 36(14): 5383-5391