

李同生

## 李同生 教授

1974-1977	中国科学技术大学	学习
1979-1979	中国科学技术大学	进修
1981-1982	日本OILES公司	进修
1990-1991	日本OILES中央研究所	访问学者
1993-1996	中国科学院兰州化物所	副研究员
1998-1998	日本学术振兴会	高访学者
1996-2000	中国科学院兰州化物所	研究员
2000-至今	复旦大学	教授



**TONGSHENG LI**  
 Professor  
 Tel: +86-21-65642199  
 Email: lits@fudan.edu.cn

### 研究领域 (Current Research Area)

- ① 高分子摩擦的凝聚态物理问题  
Condensed-state Physics of Polymer Tribology
- ② 高分子材料摩擦磨损机理研究  
Study on the Friction and Wear Mechanisms of Polymer-matrix Composites
- ③ 高性能自润滑材料及应用技术  
High-performance Self-lubricating Composites and Their Application Technology

### Education and Employment

1974-1977	Student, USTC, China
1981-1982	Researcher, OILES Company, Japan
1990-1991	Visiting Scholar, OILES Center Institute, Japan
1993-1996	Associate Researcher, Center Director, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences
1998-1998	Senior Visiting Scholar, Japan Society for the Promotion of Science
1996-2000	Senior Researcher, Associate Leader of Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences
2000 till now	Professor, Fudan University

### 代表性论文 (Selected Publications)

- B. Jia, X. Liu, P. Cong, T. Li\*, An investigation on the relationships between cohesive energy density and tribological properties for polymer-polymer sliding combination, *Wear*, 264 (2008) 685-692.

- X. Liu, T. Li\*, X. Liu, R. Lv, P. Cong, Effect of structure on the tribological properties of polytetrafluoroethylene drawn uniaxially at the melting point, *J. Appl. Polym. Sci.*, 106 (2007) 1332-1336.
- F. Xiang, T. Li\*, X. Liu, P. Cong and R. Lv, Effect of compatibilizer on the transfer and tribological behaviors of PA46/HDPE polyblends, *Tribol. Lett.*, 22 (2006) 279-288.
- S. Lai, T. Li\*, X. Liu, R. Lv, An investigation of friction and wear behaviors of polyimide/attapulgite hybrid materials, *Macromol. Mater. Eng.*, 290 (2005) 195-201.
- Z. Chen, T. Li\*, X. Liu, R. Lü, Friction and wear mechanisms of polyamide 66/high density polyethylene blends, *J. Polym. Sci. B: Polym. Phys.*, 43 (2005) 2514-2523.

### 主要奖励和荣誉 (Awards and Honors)

- 国家发明三等奖 (第六完成人) The 3<sup>rd</sup> Class Award of State Invention (1989)
- 中科院自然科学一等奖 (第六完成人)  
The 1<sup>st</sup> Class Award of Natural Science of Chinese Academy of Science (1991)
- 甘肃省优秀专家 Excellent Specialist of Gansu Province (1998)