



李立东，1972年3月出生，材料科学与工程学院教授，教育部新世纪优秀人才。2004年于德国 Max Planck Institute of Colloids and Interfaces 获物理化学专业博士学位。2004年1月至2005年11月在德国 Max Planck Institute of Colloids and Interfaces 进行博士后研究。2005年12月至2007年1月，中国科学院理化技术研究所研究员，博士生导师。2007年至今，作为北京科技大学“高层次引进人才”到校从事科研与教学工作。目前主要从事新型光电功能材料的研究，在光电器件制备与表征方面具有丰富的工作经验。目前受邀担任 Nature 系列期刊 Scientific Reports 编委 (Editorial Board)，负责新型光电功能材料领域的稿件审理。40个国际著名学术期刊如 "Advanced Materials", "Advanced Optical Materials", "ACS Nano" 等的审稿人。

【在研科研项目】

1. 国家自然科学基金面上项目，基于荧光有机纳米粒子的双重信号传感研究 (51373022)，2014年-2017年

【代表性学术论文】

1. Jindong Wang, Lidong Li*, et al. Point decoration of silicon nanowires: An approach toward single-molecule electrical detection, *Angewandte Chemie International Edition* [J], 2014, 53: 5038-5043.
2. Jindong Wang, Lidong Li* et al. Revealing Interface-Assisted Charge Transfer Mechanisms Using Silicon Nanowires as Local Probes [J], *Angewandte Chemie International Edition*, 2013, 52: 3369-3373.
3. Lidong Li, Helmuth M \ddot{u} hlwald et al. Long lived Photoinduced Charge Separation inside Polarity Gradient Shells [J], *Advanced Materials*, 2005, 17: 2247-2249.
4. Lidong Li, Helmuth M \ddot{u} hlwald et al. Synthesis of a Pyrene -labeled Polyanion and its Adsorption onto Polyelectrolyte Hollow capsules Functionalized for Electron Transfer [J]. *Chemistry of Materials*, 2004, 16: 570-573.
5. Lidong Li, Helmuth M \ddot{u} hlwald, Photoinduced Vectorial Charge Transfer across Walls of Hollow Capsules [J]. *Angewandte Chemie International Edition*, 2004, 43: 360-363.



Lidong Li, the professor of School of Materials Science and Engineering. He received a PhD in Physical Chemistry from Max Planck Institute of Colloids and Interfaces in Germany (with Prof. Helmuth M \ddot{u} hwald) in 2004. Then he worked at Max Planck Institute of Colloids and Interfaces as a project researcher. He was promoted as a Professor at Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, China in 2005. He moved to University of Science and Technology Beijing In 2007. His research interests include photoelectronic device, polymer synthesis, self-assembly, nanostructured materials, organic solar cell, OLEDs.

【Publications】

1. Jindong Wang, Lidong Li*, et al. Point decoration of silicon nanowires: An approach toward single-molecule electrical detection, *Angewandte Chemie International Edition [J]*, 2014, 53: 5038-5043.
2. Jindong Wang, Lidong Li* et al. Revealing Interface-Assisted Charge Transfer Mechanisms Using Silicon Nanowires as Local Probes [J], *Angewandte Chemie International Edition*, 2013, 52: 3369-3373.
3. Lidong Li, Helmuth M \ddot{u} hwald et al. Long lived Photoinduced Charge Separation inside Polarity Gradient Shells [J], *Advanced Materials*, 2005, 17: 2247-2249.
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5. Lidong Li, Helmuth M \ddot{u} hwald, Photoinduced Vectorial Charge Transfer across Walls of Hollow Capsules [J]. *Angewandte Chemie International Edition*, 2004, 43: 360-363.