



## 师资队伍

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## 丁立平

职 称：教授（博士生导师）

毕业学校：陕西师范大学

电 话：029-81530789

电子邮箱：dinglp33@snnu.edu.cn

研究方向：胶体与界面化学

## 个人简介

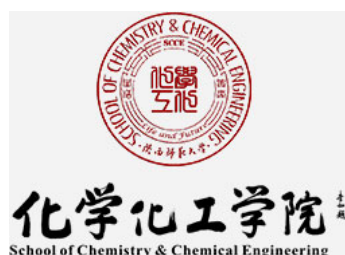
分别在2001年、2004年和2007于陕西师范大学获学士、硕士和博士学位，导师为房喻教授；期间在2006-2007年Michigan State University联合博士培养学习一年，合作导师为Gary J. Blanchard教授。2008-2009年，在美国University of New Mexico从事博士后研究，合作导师David G. Whitten教授。

主持国家自然科学基金委项目3项，教育部项目1项，陕西省科技厅项目2项。在Chem. Soc. Rev., J. Mater. Chem., Appl. Mater. Interfaces, Langmuir等刊物发表论文50余篇，授权发明专利4项。2011年获陕西省“青年科技新星”入选教育部新世纪优秀人才支持计划。目前主要从事基于两亲分子聚集体调控的区分识别型荧光传感器的构建和指纹识别性能研究，探究两亲分子聚集体对探针分子的光物理性质调控规律以及传感体系交互动响性形成的依赖因素。

## 代表性成果

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3. Wenting Hu, **Liping Ding**\*, Jianhua Cao, Lili Liu, Yuting Wei, Yu Fang. Protein Binding-Induced Surfactant Aggregation Variation: A New Strategy of Developing Fluorescent Aqueous Sensor for Proteins. *ACS Appl. Mater. Interface*, **2015**, 7, 4728-4736.
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10. **Liping Ding**\*, Yuan Liu, Yuan Cao, Lingling Wang, Yunhong Xin, Yu Fang\*. A single fluorescent self-assembled monolayer film sensor with discriminatory power. *J. Mater. Chem.*, **2012**, 22, 11574-11582.
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13. **Liping Ding**, Eva Y. Chi, Sireesha Chemburu, Eunkyung Ji, Kirk S. Schanze, Gabriel P. Lopez\*, David G. Whitten\*. Insight into the mechanism of antimicrobial poly(phenylene ethynylene) polyelectrolytes: Interactions with phosphatidylglycerol lipid membranes. *Langmuir*, **2009**, 25, 13742-13751.
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15. **Liping Ding**, Yu Fang\*, G. J. Blanchard\*. Probing the effects of cholesterol on pyrene-functionalized interfacial adlayers. *Langmuir*, **2007**, 23, 11042-11050.



#### 学院概况

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- 党政管理人员
- 光荣退休人员

#### 人才培养

- 本科生
- 研究生

#### 科学研究

- 研究机构
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- 党建工作
- 工会工作
- 统战工作
- 学生工作
- 校友工作

#### 实验中心

- 实验中心



化学化工学院团委微信公众号

电话 : +86-(0)29-81530727 传真 : +86-(0)29-81530727 E-mail : chem@snnu.edu.cn 邮编 : 710119  
地址 : 陕西师范大学长安校区致知楼 版权所有©陕西师范大学化学化工学院 技术支持 : 西电易达