

## 祝洁/讲师

院 系	化学系	性 别	女
从 事 专 业	有机化学	学 位	博士
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### 个人简介

祝洁，1988年生，讲师，博士。2010年在南京理工大学化学工程与工艺专业完成本科学业，获得学士学位，并于同年硕博连读攻读博士学位，导师陆明教授。2013.12-2014.08期间前往日本国立材料研究所做联合培养，导师解荣军教授。2015年获得南京理工大学化学工程与技术专业博士学位，进入南京农业大学理学院化学系工作。

### 教学信息

实验化学 I、实验化学 II、无机及分析化学国际班

### 科研项目

国家自然科学基金青年项目(2016)

### 所获奖项

### 发表文章

1. Yu Zhang#, Jie Zhu#, Yun-Tao Xia, Xiao-Tao Sun, Lei Wu\*. Efficient Hydrogenation of N-heterocycles Catalyzed by Carbon-Metal Covalent Bonds Stabilized Palladium Nanoparticles: Synergistic Effects of Particle Size and Water, *Adv. Synth. Catal.* 2016, 358, 3184-3190.
2. Jie Zhu, Rong-Jun Xie, Tianliang Zhou, Yujin Cho, Takayuki Suehiro, Takashi Takeda, Ming Lu, Takashi Sekiguchi, Naoto Hirosaki, Moisture-induced degradation and its mechanism of (Sr,Ca)AlSiN<sub>3</sub>:Eu<sup>2+</sup>, a red-color-converter for solid state lighting, *J. Mater. Chem. C*, 2015, 3, 3181-3188.
3. Jie Zhu, Peng-cheng Wang\*, Ming Lu\*, Study on one-pot oxidative esterification of glycerol with MOF supported polyoxometalates as catalyst, *Catal. Sci. & Technol.*, 2015, 2015, 5, 3383-3393.
4. Jie Zhu, Peng-cheng Wang, Ming Lu\*. Selective oxidation of benzyl alcohol under solvent-free condition with gold nanoparticles encapsulated in metal-organic framework. *Appl. Catal. A*. 2014, 477, 125-131.
5. Jie Zhu, Meng-nan Shen, Xue-jing Zhao, Peng-cheng Wang, Ming Lu\*. Polyoxometalate-based

- metal–organic frameworks as catalysts for the selective oxidation of alcohols in micellar systems. *ChemPlusChem*. 2014, 79, 872-878.
6. Jie Zhu, Peng Cheng Wang, Ming Lu\*. Synthesis of novel magnetic chitosan supported protonated peroxotungstate and its catalytic performance for oxidation. *New J. Chem.* 2012, 36, 2587–2592.
  7. Jie Zhu, Peng-cheng Wang and Ming Lu\*. Synthesis of novel magnetic silica supported hybrid ionic liquid combining TEMPO and polyoxometalate and its application for selective oxidation of alcohols. *RSC Adv.* 2012, 2, 8265-8268.
  8. Jie Zhu, Xue-jing Zhao, Peng-cheng Wang, Ming Lu\*. Synthesis of fibrous nano-silica-supported TEMPO and its application in selective oxidation of alcohols. *Chem. Lett.* 2013, 42, 1505-1507.
  9. Jie Zhu, Peng-cheng Wang, Ming Lu\*. Preparation, characterization, and catalytic performance of a novel TEMPO-functionalized acid magnetic catalyst. *Monatsh. Chem.* 2013, 144, 1671-1677.
  10. Jie Zhu, Peng-cheng Wang, Lu Ming\*. TEMPO-based ionic liquid with temperature-dependent property and application for aerobic oxidation of alcohol. *Synth. Commun.* 2013, 43, 1871-1881.