

个人简历

姓名	祝洁	出生年月	1988.12
民族	汉	政治面貌	九三社员
学历	博士研究生	所学专业	有机化学
毕业时间	2015.6	毕业院校	南京理工大学
职称	副教授	办公地点	逸夫楼 6072
工作时间	2015.7	研究方向	有机合成方法学；纳米催化材料
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个人简介

祝洁，1988年生，副教授，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。目前主要研究方向为有机合成方法学以及纳米催化材料的应用研究，主持国家自然科学基金1项，迄今为止以第一作者及通讯作者在 *Org. Lett.*, *Adv. Synth. Catal.*, *Catal. Sci. Technol.*, *ChemCatChem* 等国际知名期刊上发表SCI论文十余篇，累积影响因子>50。

教育、工作经历

2019.1-至今：南京农业大学，理学院化学系，副教授
2015.7-2018.12：南京农业大学，理学院化学系，讲师
2010.9-2015.6：南京理工大学，化学工程与技术专业，博士（导师：陆明教授）
2013.12-2014.9：日本国立材料研究所（National Institute of Materials Science）联合培养（导师：解荣军教授）
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科研项目

国家自然科学基金青年基金 (2016)，主持

教学信息

主要承担《有机化学》、《实验化学 I》和《实验化学 II》等课程

发表文章

1. Cheng-Yun Zhang, **Jie Zhu***, Su-Hang Cui, Xiao-Yu Xie, Xiao-Dong Wang, Lei Wu*, *Org. Lett.* **2021**, 2021, 23, 3530-3535.
2. 祝洁, 杨文超, 张乘运, 吴磊*, 近十年 dendralenes 合成研究进展, 有机化学. **2021**, 41, 1081-1097, 综述约稿。
3. **Jie Zhu**[#], Deng Xu[#], Lu-jia Ding, Peng-cheng Wang*, CoPd Nanoalloys with Metal-Organic Framework as Template for Both N-Doped Carbon and Cobalt Precursor: Efficient and Robust Catalysts for Hydrogenation Reactions, *Chem. Eur. J.* **2021**, 27, 2707-2716.
4. **Jie Zhu***, Peng-wei Zhu, Qi-xuan Du, Peng-cheng Wang*, Polynitro-acetone, dimethyl ether, and dimethylamine: a series of potential green and powerful oxidants for propellants, *J. Mol. Model.* **2020**, 26, 347(1-10).
5. **Jie Zhu***, Wen-Chao Yang, Xiao-Dong Wang, Lei Wu*, Photoredox Catalysis in C-S bonds Construction: Recent Progress in Photo-catalyzed Formation of Sulfones and Sulfoxides, *Adv. Synth. Catal.* **2018**, 360, 386-400. (Front Cover Picture, Selected as “Very Important Publication (VIP)”, “ESI Highly Cited Paper”)
6. Yao-Zhong Chen[#], **Jie Zhu**[#], Jin-Jin Wu, Lei Wu*, Organobase Catalyzed Straightforward Synthesis of Phosphinyl Functionalized 2H-Pyran Cores from Allenylphosphine Oxides and 1,3-Diones, *Org. Biomol. Chem.*, **2018**, 16, 6675-6679.
7. Xiao-Dong Wang, Jin-Jin Wu, Xue Sun, Wen-Chao Yang, **Jie Zhu***, Lei Wu*, Allenylphosphine Oxides as Starting Materials for the Synthesis of Conjugated Enynes: Boosting the Catalytic Performance by MOF Encapsulated Palladium Nanoparticles, *Adv. Synth. Catal.* **2018**, 360, 3518-3525.
8. **Jie Zhu**, Xiao-Tao Sun, Xiao-Dong Wang, Lei Wu*, Enantioselective Dihydroxylation of Alkenes Catalyzed by 1,4-Bis (9-O-dihydroquinidiny)phthalazine-Modified Binaphthyl-Osmium Nanoparticles, *ChemCatChem*, **2018**, 10, 1788-1792.
9. Xiao-Tao Sun[#], **Jie Zhu**[#], Yun-Tao Xia, Lei Wu*, Palladium Nanoparticles Stabilized by Metal–Carbon Covalent Bonds as Expeditious Heterogeneous Catalyst for Oxidative Dehydrogenation of N-Heterocycles, *ChemCatChem*, **2017**, 9, 2463-2466.
10. **Jie Zhu**[#], Mao Mao[#], Huan-Jing Ji, Jiang-Yan Xu, Lei Wu*, Palladium-catalyzed Cleavage of α -Allenyl Aryl Ether toward Pyrazolemethylene-Substituted Phosphinyl Allenes and Their Transformations via Alkenyl C-P(O) Cleavage, *Org.*

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11. 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.
12. **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)AlSiN₃:Eu²⁺, a red-color-converter for solid state lighting, *J. Mater. Chem. C*, **2015**, *3*, 3181-3188.
13. **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**, *5*, 3383-3393.
14. **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.
15. **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.
16. **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.
17. **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.
18. **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.
19. **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.
20. **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.

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