



刘平-教授 硕士生导师

发布人: yanggongban 发布时间: 2021-03-03 浏览次数:8462



一、基本情况

刘平，男，1979年8月出生，工学博士，教授，硕士生导师。“兵团英才”第二层次培养人选，石河子大学3152学科带头人、大学师德标兵，大学优秀硕士论文指导教师，大学优秀实践研究生指导教师，大学优秀本科毕业论文指导教师，全国高校黄大年式教师团队-新疆优势资源化工利用教师团队骨干成员，“大学优秀研究生指导教师团队”-绿色化工催化研究生导师团队骨干成员。主要从事医药、农药、液晶材料等高附加值精细化学品的绿色合成与转化；近年来在J. Org. Chem、Org. Biomol. Chem.、Eur. J. Org. Chem.、Appl. Organomet. Chem.、Tetrahedron等期刊发表SCI论文50篇。

二、招生方向

081700 化学工程与技术
0856 材料与化工

三、联系方式

邮箱: liuping1979112@aliyun.com

四、教育经历

- 1998-2002 学士：延边大学应用化学专业
- 2002-2005 硕士：延边大学有机化学专业
- 2005-2010 博士：大连理工大学应用化学专业

五、工作经历

- 2010.04-至今教师：石河子大学化学化工学院应用化学系
- 2011.03-2016.11副教授：石河子大学化学化工学院应用化学系
- 2016.11-至今教授：石河子大学化学化工学院应用化学系
- 2011年6月：被遴选为化学工程与技术专业硕士生导师

六、科研项目

1. “兵团英才”第二周期第二层次培育计划，兵团组织部（兵党组函[2019] 248号，20万），2019.12-2023.12，主持。
2. 钯催化二卤代烃中Csp²-X、Csp³-X键与芳基硼酸反应选择性研究国家地区基金项目（21563025，40万）2016.01-2019.12主持。
3. 金属铜胶束纯水相中催化C-N偶联反应的研究，国家青年基金项目（21103114，25万）2012.01-2014.12主持。
4. “3152”青年骨干教师，石河子大学人才项目（3152HGXY03024，2.0万）2015.07-2017.05主持。
5. 新型功能性卟啉衍生物的设计合成与性能研究，大学杰出青年科技人才培养计划（2014ZRKXJQ05，8.0万）2015.01-2017.12主持。
6. 表面活性钯配合物的合成及其水相中催化Suzuki交叉偶联反应的研究高层次人才科研启动基金项目（RCZX201014，5.0万）2011.01-2012.12主持（结题）。

七、获奖情况

2016年获兵团科技进步二等奖（第一完成人）；

2017年获新疆化学会优秀青年科技奖；

2018年获新疆化学会杰出青年科技奖。

八、代表性论文

1. Weiwei Li, Xuezhen Li, Yijiao Feng, **Ping Liu**,* Xiaowei Ma,* Jixing Zhao, Synthesis of novel 4-substituted 1,2,3-thiadiazoles via iodine-catalyzed cyclization reactions, *Tetrahedron Lett.*, **2021**, 66, 152824.
2. Yijiao Feng, Jing He, Weiwei Li, Zhen Yang, YuetingWei, **Ping Liu**,* Jixing Zhao, Chengzhi Gu*, Wenli Wang*, Selective transformations of 2-(p-toluenesulfonyl)-N-tosylhydrazones to substituted 1,2,3-thiadiazoles, *Tetrahedron*, **2021**, 78, 131803.
3. Zhen Yang, Jing He, Yueting Wei, Weiwei Li and **Ping Liu**,* KI/TBHP-promoted [3 + 2] cycloaddition of pyrrolo[1,2-a]quinoxalines and N-arylsulfonylhydrazones, *Org. Biomol. Chem.*, **2020**, 18, 3360-3366.
4. Zhen Yang, Jing He, Yueting Wei, Weiwei Li, **Ping Liu**,* Jixing Zhao and Yu Wei*, NCS-Promoted Thiocyanation and Selenocyanation of Pyrrolo[1,2-a]quinoxalines, *Org. Biomol. Chem.*, **2020**, 18, 9088-9094.
5. Jing He, Yijiao Feng, Fang Yang, Bin Dai,* and **Ping Liu**,* Palladium-Catalyzed Olefination of N-Tosylhydrazones as β -Diazo Phosphonate Precursors with Arylhalides, *Eur. J. Org. Chem.*, **2020**, 2020, 5857-5861.
6. Yueting Wei, Jing He, Yali Liu, Liang Xu, Luigi Vaccaro, **Ping Liu**,* and Yanlong Gu, Sulfenylation of Arenes with Ethyl Arylsulfinates in Water, *ACS Omega*, **2020**, 5, 18515-18526.
7. Wei Yueting, Liu Yali, He Jing, Li Xuezhen, **Liu Ping**,* Zhang Jie, TBAI-mediated sulfenylation of arenes with arylsulfonyl hydrazides in DPDME, *Tetrahedron*, **2020**, 76, 131646-131657.
8. Yueqiang Liu, Lingjuan Chen, Zhong Wang, **Ping Liu**,* Yan Liu,* and Bin Dai. Cascade Reaction of Arylboronic Acids and 2'-Cyano-biaryl-2-aldehyde N-Tosylhydrazones: Access to Functionalized 9-Amino-10-arylphenanthrenes. *J. Org. Chem.* **2019**, 84, 204-215.
9. Zhenze Sun, **Ping Liu***, Bin Dai. Synthesis of benzocycloalkene derivatives via Pd-catalyzed one-pot two-step reactions of benzocyclic ketones, tosylhydrazide with aryl bromides. *J. Saudi Chem. Soc.*, **2018**, 22, 930-936.
10. Lingjuan Chen, **Ping Liu***, Jianglong Wu, Bin Dai. Cu-catalyzed direct C-H thiolation of electron-rich arenes with arylsulfonyl hydrazides. *Tetrahedron*, **2018**, 74, 1513-1519.
11. Xu Shen, **Ping Liu***, Yan Liu*, Bin Dai. Synthesis of naphthyl-substituted terminal olefins via Pd-Catalyzed one-pot coupling of acetylnaphthalene, N-Tosylhydrazide with aryl halide. *Tetrahedron*, **2017**, 73, 6558-6563.
12. Jianglong Wu, Yan Liu,* Xiaowei Ma, **Ping Liu**,* Chengzhi Gu, and Bin Dai. Cu(II)-Catalyzed Ligand-Free Oxidation of Diarylmethanes and Second Alcohols in Water. *Chin. J. Chem.*, **2017**, 35, 1391-1395.
13. Yang Liu, **Ping Liu**,* Yan Liu, and Yu Wei*. Pd(0)-Catalyzed Tandem One-Pot Reaction of Biphenyl Ketones/Aldehydes to the Corresponding Di-substituted Aryl Olefins. *Chin. J. Chem.*, **2017**, 35, 1141-1148.
14. Xu Shen, **Ping Liu**,* Yang Liu, Yan Liu*, Bin Dai. One-pot reductive coupling reactions of acetyl naphthalene derivatives, tosylhydrazide, with arylboronic acids. *Tetrahedron*, **2017**, 73, 785-793.
15. Xu Shen, Ningning Gu, **Ping Liu**,* Xiaowei Ma, Jianwei Xie, Yan Liu,* and Bin Dai. One-Pot Synthesis of Triarylmethanes via Metal-Free Reductive Coupling of Diaryl Ketones, Tosylhydrazide, and Arylboronic Acids. *Chin. J. Chem.*, **2016**, 34, 1033-1038.
16. Jianglong Wu, Yan Liu,* Xiaowei Ma, **Ping Liu**,* Chengzhi Gu and Bin Dai. Highly selective copper-catalyzed oxidation of benzyl alcohols to aromatic aldehydes in water at room temperature. *Appl. Organometal. Chem.*, **2016**, 30, 577-580.
17. Yashuai Liu, **Ping Liu**,* Ningning Gu, Jianwei Xie, Yan Liu,* and Bin Dai. Synthesis of Unsymmetrical 1,3-Diynes via Pd/Cu-Catalyzed Cross-Coupling of Terminal Alkynes at Room Temperature. *Chin. J. Chem.*, **2016**, 34, 895-900.
18. Yashuai Liu, Ningning Gu, **Ping Liu***, Jianwei Xie, Bin Dai and Yan Liu. A simple and efficient 2N2O-Cu(II) complex as a catalyst for N-arylation of imidazoles in water. *Appl. Organometal. Chem.*, **2015**, 29, 468-470.
19. Yashuai Liu, Ningning Gu, **Ping Liu**,* Jianwei Xie, Xiaowei Ma, Yan Liu* and Bin Dai. 3-(Diphenylphosphino)propanoic acid: an efficient ligand for the Pd/Cu-catalyzed homocoupling of terminal alkynes in the presence of oxygen at room temperature. *Appl. Organometal. Chem.*, **2015**, 29, 736-738.
20. Ya-shuai Liu, Ning-ning Gu, **Ping Liu**,* Xiao-wei Ma, Yan Liu*, Jian-wei Xie, Bin Dai. Water-soluble salen-Pd complex as an efficient catalyst for Suzuki-Miyaura reaction of sterically hindered substrates in pure water. *Tetrahedron*, **2015**, 71, 7985-7989.
21. Ningning Gu, Yashuai Liu, **Ping Liu**,* Xiaowei Ma, Liu Yan,* and Bin Dai. Synthesis of Terphenyl Derivatives by Pd-Catalyzed Suzuki-Miyaura Reaction of Dibromobenzene Using 2N2O-Salen as a Ligand in Aqueous Solution. *Chin. J. Chem.*, **2015**, 33, 1189-1193.
22. Xiaowei Ma, Ningning Gu, Yan Liu, **Ping Liu**,* Jianwei Xie, Bin Dai and Zhiyong Liu. One-pot synthesis of polyfluoro-terphenyls via palladium-catalyzed Suzuki-Miyaura coupling of chlorobromobenzene and C-H bond functionalization of perfluoroarenes. *Appl. Organometal. Chem.*, **2015**, 29, 50-56.
23. Ya-Shuai Liu, Yan Liu, Xiao-Wei Ma, **Ping Liu**,* Jian-Wei Xie, Bin Dai, 3-(Diphenylphosphino)propanoic acid: an efficient ligand for the Cu-catalyzed N-arylation of imidazoles and 1H-pyrazole with aryl halides, *Chin. Chem. Lett.*, **2014**, 25, 775-778.

24. Xiaowei Ma, Yan Liu, **Ping Liu,*** Jianwei Xie, Bin Dai,* Zhiyong Liu, Palladium-catalyzed direct arylation of polyfluoroarene and facile synthesis of liquid crystal compounds. *Appl.Organomet.Chem.*, **2014**, 28(3), 180-185.

25. Yan Liu, Xiaowei Ma, Jianwei Xie, **Ping Liu,*** Bin Dai and Ren He. Metallomicelles of palladium(II) complexes as efficient catalysts for the Suzuki-Miyaura reaction in neat water. *Appl. Organomet. Chem.* **2013**, 27, 494-498.

26. Xiaowei Ma, Yan Liu, **Ping Liu,*** Jianwei Xie, Bin Dai.* A rapid and efficient catalysis system for the synthesis of 4-vinylbiphenyl derivatives. *Appl. Organomet. Chem.* **2013**, 27, 707-710.

27. 一种丙烯酸改性聚醚基础物的改性方法, 技术发明专利, 刘平, 专利号ZL201711311710.6, 2020.04.21.



版权所有: 石河子大学化学化工学院 地址: 新疆石河子市北四路 邮编: 832003
公安机关备案号: 65910102000001 工信部备案号: 新ICP备05001446号-1