**一、主要个人信息**

周益峰(1979~ )，男，博士、副教授、硕士生导师。浙江省151人才，山东省潍坊市高层次创新创业人才

**二、教育背景**

1998.9~2002.7，在兰州大学生物学国家基础理论研究与教学人才培养基地班学习，获理学学士学位；

2002.9~2007.6，兰州大学生命科学学院生物化学与分子生物学研究所硕博连读研究生；从事多肽与手性药物化学方面的研究工作，获理学博士学位；导师：王锐院士

**三、工作经历**

2007.6~至今，中国计量大学生命科学学院，教师。主讲《药物化学》、《药物合成反应》、《高等有机化学》。

**四、研究方向**

有机合成，多肽药物与手性药物化学、原料药创新路线合成开发。

**五、主要荣誉**

金华市科技进步三等奖

浙江省石油化工行业三等奖

Tetrahedron: Asymmetry Most Cited Paper 2003-2006 Award.

**六、主要成果**

（一）主持的科研项目

1、 含氧化吲哚结构单元的α，β非天然氨基酸不对称合成技术研究 （2013C31119）浙江省科技计划项目公益技术应用研究项目 10万

2、 他苏洛辛中间体S异构体的消旋化技术开发及应用（2010C11031）浙江省重大科技专项 63万

3、 有机催化炔对醛和酮的不对称加成反应研究 （Y200702756） 浙江省教育厅项目 1万

4、 奥美沙坦酯开发及应用（2010-1-123）金华市科学技术研究计划项目

5、 若干原料药及中间体创新合成工艺开发（03106-101034） 浙江普洛医药科技有限公司 100万

6、酪胺的新工艺研究（03106-092129）浙江普洛医药科技有限公司 15万

7、拉科酰胺的合成工艺开发（03106-101095）Avilive USA 2万美元

8、Laropiprant的合成工艺开发（03106-102220）Avilive USA 2万美元

9、Telaprevir的合成工艺开发（03106-112063）Magnifica Inc USA 2.5万美元

10、Lorcaserin合成工艺开发（03106-122078）Magnifica Inc USA 3.6万美元

11、Iron Dextran的合成工艺开发（03106- ）Magnifica Inc USA 6万美元

12、Pepcid®complete®和Abreva®的Reverse Engineering （03106-132238）Magnifica Inc USA

6万美元

13、若干原料药及中间体创新合成工艺开发（II) （03106-142056）山东汉兴医药科技有限公司 100 万

14、若干原料药及中间体创新合成工艺开发（III）（03106-142056）山东汉兴医药科技有限公司100 万

15、依巴斯汀合成工艺开发（03106-152024）杭州澳医保灵药业有限公司 20 万

16、氯卡色林合成新工艺开发（03106-152061）杭州乐敦科技有限公司 10 万

17、氯卡色林关键中间体不对称合成工艺开发（03106-152138）杭州乐敦科技有限公司 10 万18、API杂质的合成（03106-161059）杭州澳医保灵药业有限公司 18 万

19、氯卡色林杂质的合成（03106-161105）杭州乐敦科技有限公司 10 万元

20、杂环类药性化合物库的构建与创新药物发现（03106-171199）浙江华贝药业有限责任公司 9万元

21、三氟苯甲酰氯和酰胺合成工艺开发（03106-172200）山东昌邑家园化工有限公司 25万

**七、论文**

1. Xin Huang, Xiao Liang, Jun Yuan, Zhangqin Ni, Yifeng Zhou\* and Yuanjiang Pan\* Aerobic copper catalyzed α-oxyacylation of ketones with carboxylic acids Org. Chem. Front., 2017, 4, 163–169 （通讯作者）.

2. Jing Liu, Fang-Meng Zhu, Yun-Bo Chu, Li-Hong Huang, Yi-Feng Zhou. The 20-phenyl cinchonidine thiourea-catalyzed asymmetric addition of alcohols to isatin-derived N-Boc ketimines. Tetrahedron: Asymmetry 26 (2015) 1130–1137 (通讯作者).

3. Hu Jia-Lei, Li Jie , Zhou Yi-Feng\*. Progress in Copper-Mediated Functionalization of Unactivated C-H Bonds Assisted by Directing Groups. Current Green Chemistry,2015*, 2,* 170-191(通讯作者).

4. Chenchen Weng, Xinliang Xu, Xiaoxia Xiong, XiuLian Lu, Yifeng Zhou. Telaprevir fragments as organocatalysts in asymmetric direct aldol reactions of aldehydes. Russian Journal of General Chemistry*,* 2013, 12,2447–2452(通讯作者).

5. Yi-Feng Zhou, Fang Lin, Xiu Lian Lu, ChangHe Zhang, Qiang Wang, Xiao-Nan Zou, Ji-Dong Lou\*. Oxidation of Oximes With Potassium Permanganate Adsorbed on Graphite Reagent Under Heterogeneous Conditions. Oxidation Communications, 2012, 1, 72–76.

6. Long Qin, Lei Li, Lei Yi, Chaoshan Da, Yifeng Zhou. Direct Asymmetric N-Specific Reaction of Nitrosobenzene with Aldehydes Catalyzed by a Chiral Primary Amine-Based Organocatalyst Chirality 2011, 23, 527-533(通讯作者)

7. Yifeng Zhou, Rui Wang, Zhaoqing Xu, Wenjin Yan, Lei Liu, Yongfeng Kang, Zhijian Han. Highly Enantioselective Phenylacetylene Additions to Ketones Catalyzed by (S)-BINOL-Ti Complex. Org. Lett. 2004, 23, 4147.

8. Yifeng Zhou, Rui Wang, Zhaoqing Xu, Wenjin Yan, Lei Liu, Yanfeng Gao, Chaoshan Da. Boc-L-proline as A New Chiral Ligand for Enantioselective Phenylacetylene Addition to Aromatic Aldehydes. Tetrahedron: Asymmetry 2004, 15, 589.

9. Yifeng Zhou, Yanfeng Gao, Yongfeng Kang, Zhijian Han, Wenjin Yan, Ming Ni, Rui Wang.Peptide Derivatives as New Chiral Ligands for Enantioselective Phenylacetylene Addition to Aldehydes. Chin. J. Org. Chem. 2004, 24, suppl., 162.

10. Yifeng Zhou, Zhijian Han, Li Qiu, Jinyan Liang, Fengbo Ren, Rui Wang. Asymmetric Addition Of Phenylacetylene to Aromatic Ketones Catalyzed by Zinc or Titanium Complexes with Chiral Hydroxysulfonamide. Chirality 2009, 21, 473-479.

11. Ming Ni, Yifeng Zhou, Chao Chen, Jiangke Xu, Rui Wang. Enantioselective Alkynylation of Ketones Promoted by β-Sulfonamide Alcohol-titanium Complexes. Chin. J. Chem. 2007, 25, 694-697.

12. Zhijian Han, Rui Wang, Yifeng Zhou, Lei Liu. Simple Derivatives of Natural Amino Acids as Chiral Ligands in the Catalytic Asymmetric addition of Phenylacetylene to Aldehydes. Eur. J. Org. Chem. 2005, 934.

13. Yongfeng Kang, Lei Liu, Rui Wang, Yifeng Zhou, Wenjin Yan. Enantioselective Alkynylation of Aromatic Ketones Catalyzed by New Chiral Oxazolidine Ligands. Adv. Synth. Catal. 2005, 347, 243.

14. Lei Liu, Yongfeng Kang, Rui Wang, Yifeng Zhou, Chao Chen, Ming Ni, Maozhen Gong. Enantioselective Alkynylation of Aromatic Ketones Promoted by (S)-Phenylalanine-derivedβ-Amino Alcohol. Tetrahedron: Asymmetry 2004, 15, 3757.

15. Yongfeng Kang, Lei Liu, Rui Wang, Wenjin Yan, Yifeng Zhou. The Use of Bifunctional Catalyst Systems in the Asymmetric Addition of Alkynylzinc to Aldehydes. Tetrahedron: Asymmetry 2004, 15, 3155.

16. Zhijian Han, Chaoshan Da, Zhaoqing Xu, Ming Ni, Yifeng Zhou, Rui Wang. The Natural Amino Acid Derived Chiral Sulfonamide Ligands in the Catalytic Asymmetric Addition of Phenylacetylene to Aldehydes. Lett. Org. Chem. 2006, 3, 143.

17. Lei Liu, Rui Wang, Yongfeng Kang, Chao Chen, Zhaoqing Xu, Yifeng Zhou, Ming Ni, Huaqing Cai, Maozhen Gong. Highly Enantioselective Phenylacetylene Additions to Aromatic Ketones Catalyzed by Cinchona Alkaloid Aluminum Complexes. J. Org. Chem. 2005, 70, 1084.

18. Chaoshan Da, Zhijian Han, Ming Ni, Fan Yang, Daxue Liu, Yifeng Zhou, Rui Wang.A Convenient Synthesis of Piperidine-based β-Amino Alcohols from L Phe and Highly Enantioselective Addition of Diethyl Zinc to Aldehydes. Tetrahedron: Asymmetry 2003, 14, 659.

19. Wenjin Yan, Rui Wang, Zhaoqing Xu, Jiangke Xu, Li Lin, Zhiqiang Shen, Yifeng Zhou. A Novel, Practical and Green Synthesis of Ag Nanoparticles Catalyst and Its Application in Three-Component Coupling of Aldehydes, Alkyne, and Amine. J. Mol. Catal. A: Chemical 2006, 25, 81.

20. Yanfeng Gao, Xin Liu, Weixia Liu, Yuanming Qi, Xuefeng Liu, Yifeng Zhou, Rui Wang. Opioid Receptor Binding and Antinociceptive Acitivity of the Analogues of Endomorphin-2 and Morphiceptin with Phenylalanine Mimics in the Position 3 or 4. Bioorg. Med. Chem. Lett. 2006, 16, 3688.

八、专利

1. 手性氨基酸或其衍生物的消旋方法 周益峰 吴朝刚 王海云等ZL200910098520

2. 一种N,O-双取代的酮亚胺衍生物的制备方法 周益峰 刘静等ZL201510378264

3. 一种4,4’-二氯甲基联苯的制备方法 周益峰 刘静 任峰波 王国卿 胡术桃等ZL201510221363

4. 一种腈制备伯胺的方法 周益峰 蒋晗 杨张艳等ZL201410171696

5. 一种便于在油浴锅中使用的反应架 赵娇娇 周益峰等ZL201420631701

6. 氯卡色林消旋体衍生物的合成方法 周益峰 蒋晗 任峰波等ZL201410024111

7. 合成分离拉洛皮兰及其类似物的方法 周益峰 蒋晗 任峰波等ZL201210085602