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研究兴趣

不对称催化方法学研究。主要包括：1) 有机催化剂设计、合成及对映选择性反应研究；2) 含硫手性配体合成及在不对称金属催化中的应用；3) 手性碳/杂环选择性构建。

教育背景

- 2003.9-2009.6: 华中师范大学化学学院农药与化学生物学教育部重点实验室，理学博士。学位论文：新型有机催化剂的合成及其在不对称催化中的应用。导师：肖文精教授。
- 1999.9-2003.6: 华中农业大学理学院，理学学士。学位论文：3 种磺酰脲除草剂对水华鱼腥藻的生长效应。导师：胡先文副教授。

工作经历

- 2011.7-至今：华中师范大学化学学院，副教授、硕士生导师。
- 2009.7-2011.6: 华中师范大学化学学院，讲师。
- 2010.11-2012.1: 德国亚琛工业大学 (RWTH Aachen University), 博士后。合作导师：Carsten Bolm 教授。
- 2008.4-2009.4: 葛兰素史克美国宾州新药研发中心 (GlaxoSmithKline, Collegeville, PA, USA), 访问学者。研究方向：新型抗菌药物合成研究。导师：James B. Hoffman。

荣誉称号与奖励

- 2013, 湖北省自然科学奖，一等奖（第二获奖人）。
- 2012, 全国优秀博士学位论文提名奖。
- 2011, 湖北省优秀博士论文。
- 2010, 德国洪堡-研究基金 (Alexander von Humboldt Research Fellowship, 2010)。
- 2010, 武汉市自然科学优秀学术论文奖(二等奖)。

主要论著目录

学术著作（章节）

- Jia-Rong Chen**, Wen-Jing Xiao, Addition to Carbonyl Compounds, in “*Catalytic Asymmetric Friedel-Crafts Alkylations*”, Eds.: Marco Bandini and Achille Umani-Rongchi, Wiley-VCH, Weinheim, 2009.

研究论文

- Jun Xuan, Liang-Qiu Lu, **Jia-Rong Chen**, Wen-Jing Xiao*, *Eur. J. Org. Chem.* **2013**, DOI: 10.1002/ejoc.201300596, in press.

2. Qing-Qing Yang, Qiang Wang, Jing An, **Jia-Rong Chen**, Liang-Qiu Lu,* Wen-Jing Xiao*, *Chem. Eur. J.* **2013**, *19*, 8401-8404.
3. Jun Xuan, Bin-Jie Li, Zhu-Jia Feng, Guo-Dong Sun, Huan-Huan Ma, Zhi-Wei Yuan, **Jia-Rong Chen**, Liang-Qiu Lu,* Wen-Jing Xiao*, *Chem. Asian J.* **2013**, *8*, 1090-1094.
4. Fen Tan, Hong-Gang Cheng, Bin Feng, You-Quan Zou, Shu-Wen Duan, **Jia-Rong Chen***, Wen-Jing Xiao*, *Eur. J. Org. Chem.* **2013**, 2071-2075.
5. Chao Li, Feng-Lei. Liu, You-Quan Zou, Liang-Qiu Lu, **Jia-Rong Chen**, Wen-Jing Xiao*, *Synthesis* **2013**, 601-608.
6. Xiao-Qiang Hu, **Jia-Rong Chen***, Shuang Gao, Bin Feng, Liang-Qiu Lu, Wen-Jing Xiao* Xiao, *Chem. Commun.* **2013**, *49*, 7905-7907.
7. Shu-Wen Duan, Yi-Yin Liu, Wei Ding, Tian-Ren Li, De-Qing Shi, **Jia-Rong Chen***, Wen-Jing Xiao*, *Synthesis* **2013**, 1647-1653.
8. Ying Cheng, Xiao-Qiang Hu, Shuang Gao, Liang-Qiu Lu, **Jia-Rong Chen**, Wen-Jing Xiao*, *Tetrahedron* **2013**, *69*, 3810-3816.
9. Hong-Gang Cheng, Liang-Qiu Lu, Tao Wang, Qing-Qing Yang, Xiao-Peng Liu, Yang Li, Qiao-Hui Deng, **Jia-Rong Chen***, Wen-Jing Xiao*, *Angew. Chem. Int. Ed.* **2013**, *52*, 3250-3254.
10. You-Quan Zou, Shu-Wen Duan, Xiang-Gao Meng, Xiao-Qiang Hu, Shuang Gao, **Jia-Rong Chen**, Wen-Jing Xiao*, *Tetrahedron* **2012**, *68*, 6914-6919.
11. Xiao-Yu Zhu, **Jia-Rong Chen**, Liang-Qiu Lu*, Wen-Jing Xiao*, *Tetrahedron* **2012**, *68*, 6032-6037.
12. Liang-Qiu Lu, Fang Li, Jing An, Ying Cheng, **Jia-Rong Chen**, Wen-Jing Xiao*, *Chem. Eur. J.* **2012**, *18*, 4073-4079.
13. Liang-Qiu Lu, **Jia-Rong Chen**, Wen-Jing Xiao*, *Acc. Chem. Res.* **2012**, *45*, 1278-1293.
14. Liang Fu, Chang-Jiang Yao, Ning-Jie Chang, **Jia-Rong Chen**, Liang-Qiu Lu*, Wen-Jing Xiao*, *Org. Biomol. Chem.* **2012**, *10*, 506-508.
15. Hong-Gang Cheng, Liang-Qiu Lu, Tao Wang, **Jia-Rong Chen***, Wen-Jing Xiao*, *Chem. Commun.* **2012**, *48*, 5596-5598.
16. **Jia-Rong Chen**, Wan-Rong Dong, Mathieu Candy, Fang-Fang Pan, Manuel Jörres, Carsten Bolm*, *J. Am. Chem. Soc.* **2012**, *134*, 6924-6927.
17. Mathieu Candy, Carole Guyon, Stefanie Mersmann, **Jia-Rong Chen**, Carsten Bolm*, *Angew. Chem. Int. Ed.* **2012**, *51*, 4440-4443.
18. Liang-Qiu Lu, Xiao-Lei An, **Jia-Rong Chen**, Wen-Jing Xiao*, *Synlett* **2012**, 490-508.
19. You-Quan Zou, **Jia-Rong Chen**, Xiao-Peng Liu, Liang-Qiu Lu, Rebecca L. Davis, Karl Anker Jørgensen*, Wen-Jing Xiao*, *Angew. Chem. Int. Ed.* **2012**, *51*, 784-788.
20. Liang-Qiu Lu, Zhi-Hui Ming, Jing An, Chao Li, **Jia-Rong Chen**, Wen-Jing Xiao*, *J. Org. Chem.* **2012**, *77*, 1072-1080.
21. Liang Wang, Xu-Dong Xia, Wei Guo, **Jia-Rong Chen**, Wen-Jing Xiao*, *Org. Biomol. Chem.* **2011**, *9*, 6895-6898.
22. Liang Fu, Chang-Jiang Yao, Ning-Jie Chang, **Jia-Rong Chen**, Liang-Qiu Lu*, Wen-Jing Xiao*, *Org. Biomol. Chem.* **2011**, *10*, 506-508.
23. You-Quan Zou, Liang-Qiu Lu, Liang Fu, Ning-Jie Chang, Jian Rong, **Jia-Rong Chen**, Wen-Jing Xiao*, *Angew. Chem. Int. Ed.* **2011**, *50*, 7171-7175.
24. **Jia-Rong Chen***, Liang Fu, You-Quan Zou, Ning-Jie Chang, Jian Rong, Wen-Jing Xiao*,

- Org. Biomol. Chem.* **2011**, *9*, 5280-5287.
25. Shu-Wen Duan, Hai-Hua Lu, Fu-Gen Zhang, Jun Xuan, **Jia-Rong Chen***, Wen-Jing Xiao*, *Synthesis* **2011**, 1847-1852.
 26. You-Quan Zou, Chao Li, Jian Rong, Hao Yan, **Jia-Rong Chen***, Wen-Jing Xiao*, *Synlett* **2011**, *7*, 1000-1004.
 27. Shu-Wen Duan, Jing An, **Jia-Rong Chen***, Wen-Jing Xiao*, *Org. Lett.* **2011**, *13*, 2290-2293.
 28. Yi-Ju Cao, Hong-Gang Cheng, Liang-Qiu Lu, Ji-Ji Zhang, Ying Cheng, **Jia-Rong Chen***, Wen-Jing Xiao*, *Adv. Synth. Catal.* **2011**, *353*, 617-623.
 29. Xu-Fan Wang, Jing An, Xiao-Xiao Zhang, Fen Tan, **Jia-Rong Chen***, Wen-Jing Xiao*, *Org. Lett.* **2011**, *13*, 808-811.
 30. Xiao-Yu Zhu, Xiao-Lei An, Chang-Feng Li, Fu-Gen Zhang, Qiu-Lin Hua, **Jia-Rong Chen***, Wen-Jing Xiao*, *ChemCatChem* **2011**, *3*, 679-683.
 31. Jing An, Ning-Jie Chang, Li-Dong Song, Yu-Qin Jin, Ying Ma, **Jia-Rong Chen***, Wen-Jing Xiao*, *Chem. Commun.* **2011**, *47*, 1869-1871.
 32. Ying Cheng, Jing An, Liang-Qiu Lu, Lan Luo, Zheng-Yi Wang, **Jia-Rong Chen***, Wen-Jing Xiao*, *J. Org. Chem.* **2011**, *76*, 281-284.
 33. Fen Tan, Fang Li, Xiao-Xiao Zhang, Xu-Fan Wang, Hong-Gang Cheng, **Jia-Rong Chen***, Wen-Jing Xiao*, *Tetrahedron* **2011**, *67*, 446-451.
 34. Fu-Gen Zhang, Qing-Qing Yang, Jun Xuan, Hai-Hua Lu, Shu-Wen Duan, **Jia-Rong Chen***, Wen-Jing Xiao*, *Org. Lett.* **2010**, *12*, 5636-5639.
 35. Xu-Fan Wang, Qiu-Lin Hua, Ying Cheng, Xiao-Lei An, Qing-Qing Yang, **Jia-Rong Chen***, Wen-Jing Xiao*, *Angew. Chem. Int. Ed.* **2010**, *49*, 8379-8383.
 36. Hong-Gang Cheng, Cai-Bao Chen, Fen Tan, Ning-Jie Chang, **Jia-Rong Chen***, Wen-Jing Xiao*, *Eur. J. Org. Chem.* **2010**, 4976-4980.
 37. Xiao-Lei An, **Jia-Rong Chen***, Chang-Feng Li, Fu-Gen Zhang, You-Quan Zou, Ying-Cen Guo, Wen-Jing Xiao*, *Chem. Asian J.* **2010**, *5*, 2258-2265.
 38. **Jia-Rong Chen***, You-Quan Zou, Liang Fu, Fan Ren, Fen Tan, Wen-Jing Xiao*, *Tetrahedron* **2010**, *66*, 5367-5372.
 39. Liang-Qiu Lu, Ji-Ji Zhang, Fang Li, Jing An, Qiu-Lin Hua, **Jia-Rong Chen***, Wen-Jing Xiao*, *Angew. Chem. Int. Ed.* **2010**, *49*, 4495-4498.
 40. Xu-Fan Wang, **Jia-Rong Chen**, Yi-Ju Cao, Hong-Gang Cheng, Wen-Jing Xiao*, *Org. Lett.* **2010**, *12*, 1140-1143.
 41. **Jia-Rong Chen***, Yi-Ju Cao, You-Quan Zou, Fen Tan, Liang Fu, Xiao-Yu Zhu, Wen-Jing Xiao*, *Org. Biomol. Chem.* **2010**, *8*, 1275-1279.
 42. **Jia-Rong Chen**, Jie Liao, Wen-Jing Xiao*, *Can. J. Chem.* **2010**, *88*, 331-337.
 43. **Jia-Rong Chen**, Yuan-Yuan Lai, Hai-Hua Lu, Xu-Fan Wang, Wen-Jing Xiao*, *Tetrahedron* **2009**, *65*, 9238-9243.
 44. **Jia-Rong Chen**, Xiao-Lei An, Xiao-Yu Zhu, Xu-Fan Wang, Wen-Jing Xiao*, *J. Org. Chem.* **2008**, *73*, 6006-6009.
 45. **Jia-Rong Chen**, Chang-Feng Li, Xiao-Lei An, Ji-Ji Zhang, Xiao-Yu Zhu, Wen-Jing Xiao*, *Angew. Chem. Int. Ed.* **2008**, *47*, 2489-2492.
 46. **Jia-Rong Chen**, Xiao-Peng Liu, Xiao-Yu Zhu, Liang Li, Yong-Feng Qiao, Jian-Ming Zhang, Wen-Jing Xiao*, *Tetrahedron* **2007**, *63*, 10437-10444.
 47. Wen-Ping Huang, **Jia-Rong Chen**, Xi-Yong Li, Yi-Ju Cao, Wen-Jing Xiao*, *Can. J. Chem.*

2007, 85, 208-213.

48. **Jia-Rong Chen**, Xin-Yong Li, Xiao-Ning Xing, Wen-Jing Xiao*, *J. Org. Chem.* **2006**, *71*, 8198-8202.
49. **Jia-Rong Chen**, Hai-Hua Lu, Xin-Yong Li, Ling Cheng, Jian Wan, Wen-Jing Xiao*, *Org. Lett.* **2005**, *7*, 4543-4545.

发明专利目录

1. 专利名称：催化活性可调的双官能团 L-脯氨酸衍生物及制备. 专利号：ZL 200510019450.6

发明人：肖文精，**陈加荣**，陆海华，李新勇

参加国内、国际学术会议情况

1. 第9届中美华人化学教授会议，2013，成都。
2. 第11届国际四面体大会，2010，北京。
2. 中国化学会第六届全国有机化学学术会议，2009，西安。
3. 中国化学会第七届全国磷化学化工学术讨论会，2006，郑州。