



Department: School of Chemistry & Molecular Engineering

Professional field: Performance Chemicals & Synthetic Chemistry

E-mail: jianweihan@ecust.edu.cn

Profile

Jian-Wei Han, was born at Qing-Dao, Shan-Dong province, China in 1980. He graduated from Shandong University of Technology in 2002, and obtained his Master Degree from East China University of Science and Technology in 2005. He then received his Ph.D. degree under the supervision of Professor Dieter Enders at Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen (Germany) in 2008. After two years postdoctoral research at Kyoto University (Japan) with Professor Keiji Maruoka, he moved to Shanghai Institute of Organic Chemistry, the Chinese Academy of Sciences as an Associate Professor in 2011-2016. From 2016, he was appointed as Associate Professor at School of Chemistry & Molecular Engineering, East China University of Science and Technology (ECUST). He is a recipient of Thieme Chemistry Journals Award (2014), the Second Prize of Natural Science by the Ministry of Education (2019, China); His research interests are design and synthesis of new catalysts in asymmetric transformations, exploration of novel reactivity of organic molecules and the preparation of functional materials. So far he has published more than 50 peer-reviewed papers.

Research Field

Design and synthesis of new catalysts in asymmetric transformations, exploration of novel reactivity of organic molecules and the preparation of functional materials.

Research results and selected published papers

1. Cheng Pan, Limin Wang, Jianwei Han* Org. Lett. 2020, 22, 4776-4780.
2. Huangguan Chen, Limin Wang, Jianwei Han* Org. Lett. 2020, 22, 3581-3585.
3. Chenwei Xue, Ming Liu, Zhiang Zhang, Jianwei Han*, Chengyun Wang, Limin Wang, Zuobin Xiao, Wei-Hong Zhu*, CCS Chemistry, 2020, 2, 478-487.
4. Huangguan Chen, Limin Wang, Jianwei Han* Chem. Commun. 2020, 56, 5697-5700.
5. Bowen Xu, Yiping Gao, Jianwei Han*, Zejing Xing, Sihang Zhao, Ziyang Zhang, Runlin Ren, Limin Wang* J. Org. Chem. 2019, 84, 10136-10144. (Inside Cover)
6. Chenwei Xue, Jianwei Han*, Min Zhao, Limin Wang* Org. Lett. 2019, 21, 4402-4406. (Cover Paper)
7. Jianwei Han*, Yanxia Zhang, Xin-Yan Wu, Henry N. C. Wong* Chem. Commun. 2019, 55, 397-400.
8. Huangguan Chen, Jianwei Han*, Limin Wang* Angew. Chem., Int. Ed. 2018, 57, 12313-12317; Angew. Chem. 2018, 130, 12493-12497.