


姓名	韩贵芳	职称	讲师	所在部门	药学院	研究方向	药物化学 有机化学	
办公室	药学院 B-409	办公电话	022-8333 6678	电子邮箱	hanguifang@tmu.edu.cn			
教育背景								
2003.09 - 2007.07 北京化工大学, 制药工程专业 学士学位 2010.09 - 2015.06 南开大学, 农药学专业 农药学专业 博士学位								
工作经历								
2015.07 - 至今 天津医科大学药学院药物化学 讲师 2007.07 - 2010.09 药明康德新药开发有限公司 助理研究员								
研究成果 (本人具有代表性的论著、论文及主持的科研项目)								
论著及编著								
论文	<p>1. Yilin Zhao, Xue Wang, Ru Yao, Chengwen Li, Zelin Xu, Liming Zhang, Guifang Han,* Jingli Hou, Yangping Liu, Yuguang Song* Iron-catalyzed Alkene Trifluoromethylation in Tandem with Phenol Dearomatizing Spirocyclization: Regioselective Construction of the Trifluoromethylated Spirocarbocycles. <i>Adv. Synth. Catal.</i> 2021, DOI: 10.1002/adsc.202101201</p> <p>2. Chengwen Li, Yilin Zhao, Jiabin Zhou, Xue Wang, Jingli Hou, Yuguang Song, Wenjuan Liu and Guifang Han* Synthesis of Difluoroalkylated 2-Azaspiro[4.5]decanes Derivatives via Copper-Catalyzed Difluoroalkylation/ Dearomatization of <i>N</i>-Benzylacrylamides. <i>Org. Biomol. Chem.</i>, 2020, 18, 8376–8380. (IF:3.412, 一区)</p> <p>3. Li Chengwen; Xue Li; Zhou Jiabin; Zhao Yilin, Han Guifang*; Hou Jingli; Song Yuguang; Liu Yangping* Copper-Catalyzed Trifluoromethylation of Ynones Coupled with Dearomatizing Spirocyclization of Indoles: Access to CF₃-Containing Spiro[cyclopentane-1,3'-indole], <i>Org. Lett.</i> 2020, 22, 3291–3296.</p> <p>4. Xing Wang,[#] Chao Peng,[#] Ke He, Kaiyun Ji, Xiaoli Tan, Guifang Han,* Yanxia Liu,*Yangping Liu and Yuguang Song*. Intracellular delivery of liposome-encapsulated Finland trityl radicals for EPR oximetry. <i>Analyst</i>, 2020, 145, 4964–4971. (IF:3.978 , 一区)</p> <p>5. Guifang Han, Lihua Qing, Meng Wu, Yuxiang Wang, Yuxiu Liu, Xueling Liu, Ziwen Wang, Jian Ding, Ling-hua Meng*, Qingmin Wang* Design, synthesis, and biological activity evaluation of (-)-6-<i>O</i>-desmethylantofine analogues as potent anti-cancer agents. <i>Bioorganic & Medicinal Chemistry</i>. 2019, 27, 3070–3081</p> <p>6. Guifang Han, Li Xue, Lili Zhao, Tiaozhen Zhu, Jingli Hou, Yuguang Song*, Yangping Liu* Access to CF₃ - Containing Cyclopentaquinolinone Derivatives from Indolyl - ynones via Silver</p>							

- Catalyzed One - pot Reaction. **Adv. Synth. Catal.** 2019, 361, 678–682. (VIP Paper)
7. **Guifang Han**, Linwei Chen, Qiang Wang, Meng Wu, Yuxiu Liu, and Qingmin Wang* Design, Synthesis, and Antitobacco Mosaic Virus Activity of Water-Soluble Chiral Quaternary Ammonium Salts of Phenanthroindolizidines Alkaloids. *J. Agric. Food Chem.*, **2018**, 66 (4), 780–788
 8. Yuxiu Liu, Lihua Qing, Chuisong Meng, Jiajie Shi, Yan Yang, Ziwen Wang, **Guifang Han**, Yi Wang, Jian Ding, Ling-hua Meng*, and Qingmin Wang* 6-OH-Phenanthroquinolizidine Alkaloid and Its Derivatives Exert Potent Anticancer Activity by Delaying S Phase Progression. *J. Med. Chem.*, 2017, 60 (7), 2764–2779 (IF: 6.259)
 9. **Guifang Han**, Qiang Wang, Linwei Chen, Yuxiu Liu, and Qingmin Wang* Copper-Catalyzed Trifluoromethylation of Acrylamide Coupled with Dearomatization of Indole: Access to CF₃-Containing Spiro[indole-3,3'-pyrrolidine]. *Adv. Synth. Catal.* 2016, 358(4), 561-566. (IF: 5.646)
 10. **Guifang Han**, Yuxiu Liu, and Qingmin Wang*. Copper-Catalyzed Intramolecular Trifluoromethylation of N-Benzylacrylamides Coupled with Dearomatization: Access to CF₃-Containing 2-Azaspiro[4.5]decanes. *Org. Lett.* 2014, 16, 3188–3191. (IF: 6.579)
 11. **Guifang Han**, Qiang Wang, Yuxiu Liu, and Qingmin Wang* Copper-Mediated α -Trifluoromethylation of N-phenylcinnamamides Coupled with Dearomatization: Access to Trifluoromethylated 1-Azaspiro[4.5]decanes. *Org. Lett.* 2014, 16, 5914-5917. (IF: 6.579)
 12. **Guifang Han**, Yuxiu Liu, and Qingmin Wang*. Total Synthesis of Phenanthroindolizidine Alkaloids through an Amidyl Radical Cascade/Rearrangement Reaction. *Org. Lett.* 2013, 15, 5334–5337. (IF: 6.579)
 13. Wenbo Liu, Jiangping Nie, Xiaoli Tan, Huiqiang Liu, Nannan Yu, Guifang Han, Yutian Zhu, Frederick A. Villamena, Yuguang Song, Jay L. Zweier,*and Yangping Liu*. Synthesis and Characterization of PEGylated Trityl Radicals: Effect of PEGylation on Physicochemical Properties. *J. Org. Chem.* 2017, 82, 588-596
 14. Qiang Wang, **Guifang Han**, Yuxiu Liu, and Qingmin Wang*. Copper-Catalyzed Aryltrifluoromethylation of N-Phenylcinnamamides: Access to Trifluoromethylated 3,4-Dihydroquinolin-2(1H)-ones. *Adv. Synth. Catal.* 2015, 357, 2464–2468.
 15. Meng Wu, **Guifang Han**, Chuisong Meng, Ziwen Wang, Yuxiu Liu, and Qingmin Wang*. Design, synthesis, and anti-tobacco mosaic virus (TMV) activity of glycoconjugates of phenanthroindolizidines alkaloids. *Mol. Divers.* 2014, 18, 25–37.
 16. Meng Wu, **Guifang Han**, Ziwen Wang, Yuxiu Liu, and Qingmin Wang*. Synthesis and Antiviral Activities of Antofine Analogues with Different C-6 Substituent Groups. *J. Agric. Food Chem.* 2013, 61, 1030–1035.
 17. Lei Liu, Yabin Wen, Kangning Liu, Liang Sun, Meng Wu, **Guifang Han**, Yaxin Lu*, Qingming Wang*, and Zheng Yin*. Optimization of on-line solid phase extraction and HPLC conditions using response surface methodology for determination of WM-5 in mouse plasma and its application to pharmacokinetic study. *J. Chromatogr. B* 2013, 923–924.
 18. Ziwen Wang, Meng Wu, Yi Wang, Zheng Li, Lei Wang, **Guifang Han**, Fazhong Chen, Yuxiu Liu, Kailiang Wang, Ao Zhang*, Linghua Meng*, and Qingmin Wang*. Synthesis and SAR Studies of Phenanthroindolizidine and Phenanthroquinolizidine Alkaloids as Potent Anti-tumor Agents. *Eur. J. Med. Chem.* 2012, 51, 250–258.

<p>科研项目</p>	<ol style="list-style-type: none"> 1.天津市自然科学基金，青年项目，18JCQNJC76100，含三氟甲基氮杂螺环的高效构筑及顺磁共振在反应机理中应用研究。2018-10至2022-3，在研，主持 2.国家自然科学基金，青年项目，21603163，基于可逆反应与谱线比例方式检测谷胱甘肽新型EPR探针的设计、合成及性能研究，2017-01至2019-12，已结题，主持 3. 横向课题，，新型功能材料添加剂784，510系列合成工艺开发研究。2021.3至2023.3，在研，主持 4. 国家自然科学基金，面上项目，31971174，基于稳定自由基的一氧化氮（NO）自旋捕获剂研发及其在心肌缺血-再灌注模型中评价NO供体释放行为研究，2020-01至2023-12，在研，参与 5. 国家自然科学基金，面上项目，21871210，交换相互作用和弛豫时间可调的杂化双自由基的设计合成与高场动态核极化性能研究，2019-01至2022-12，在研，参与 6. 国家自然科学基金，面上项目，21772146，基于p7三维核磁结构抗丙肝病毒抑制剂研究，2018-01至2021-12，在研，参与 7. 国家重点研发计划，重要气体信号分子的精准递送体系构建与体内传输行为研究，2019-08至2024-07，在研，参与
<p>荣誉奖励</p>	
<ol style="list-style-type: none"> 1. 2016年天津市“131”创新性人才第三层次 2. 2015年获得南开大学优秀毕业生； 	
<p>其他事项</p>	