



所属学院 药学院

学科领域 药物化学

邮箱 malei@ecust.edu.cn

个人简介

马磊，男，上海市“浦江人才”，药学专业责任教授，药学实验教学中心主任，上海市药学会天然药物化学专业委员会委员，中国药学会高级会员，执业药师。研究兴趣主要是基于 AI 的药物设计与合成及新药开发工作。

研究方向

药物化学及新药开发

研究成果及主要发表文章

1. Licheng Zhou, Yingfan Liang, Yi Huang, Guixiang Yang, Lulu Zheng, Jiamin Sun, Yang Li, Fuli Zhu, Hewen Qian, Rui Wang*, Lei Ma*. Design, Synthesis and Biological Evaluation of Diosgenin-indole Derivatives as Dual-functional Agents for the Treatment of Alzheimer's Disease. European Journal of Medicinal Chemistry, 2021, 219, 113426.
2. Guixiang Yang, Yan Huang, Lulu Zheng, Li Zhang, Lin Su, Yuhang Wu, Jie Li, Licheng Zhou, Jin Huang, Yun Tang*, Rui Wang*, Lei Ma*. Design, synthesis and evaluation of diosgenin carbamate derivatives as multitarget anti-Alzheimer's disease agents. European Journal of Medicinal Chemistry, 2020, 187, 111913.
3. Huanhuan Yin, Jingjing Dong, Yingchun Cai, Ximeng Shi, Hao Wang, Guixia Liu, Yun Tang*, Jianwen Liu*, Lei Ma*. Design, Synthesis and Biological Evaluation of a Library of Chalcones as Reversers of P-Glycoprotein-Mediated Multidrug Resistance. European Journal of Medicinal Chemistry, 2019, 180, 350-366.
4. Guixiang Yang, Songlan Ge, Yan Wu, Jin Huang, Shiliang Li*, Rui Wang*, Lei Ma*. Design, synthesis and biological evaluation of 3-piperazinecarboxylate sarsapogenin derivatives as potential multifunctional anti-Alzheimer agents. European Journal of Medicinal Chemistry, 2018, 156, 206-215.