



JIANG Hezhong

Associate Professor

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Links: CV

Education

PhD., Kunming Institute of Botany, Chinese Academy of Sciences, Medicinal chemistry (2011)

M.A., Southwest Jiaotong University, Biochemistry and Molecular Biology (2007)

B.S., Nanjing University of Science and Technology, Pharmaceutical Engineering(2002)

Employment

Academic Appointments

- Associate Professor, School of Life Science and Engineering, Southwest Jiaotong University, China(2012-present)
- Lecturer, School of Life Science and Engineering, Southwest Jiaotong University, China (2007-2012)
- Assistant, School of Pharmacy, Southwest Jiaotong University, China (2002-2007)

RESEARCH INTERESTS

- Natural Products Chemistry and Biological Activity, Chemistry of Traditional Chinese Medicine, The Effective Substance Basis of Traditional Chinese Medicine and Ethnic Medicine.

SELECTED PUBLICATIONS

Principal Publications of the Last Five Years

- Ya-Nan Li, Ni Ning, Lei Song, Yun Geng, Jun-Ting Fan, Chao-Ying Ma*, He-Zhong Jiang*. Derivatives of Deoxydopodophyllotoxin induce Apoptosis through Bcl-2/Bax Proteins Expression. *Anti-Cancer Agents in Medicinal Chemistry*, 2021, 21(5), 611-620. (SCI)
- Yu He, Yue Liu, Yu Liu, Xin-Xin Kou, Qing-Zhu Li, Jia-Hong Li, **He-Zhong Jiang***, Hai-Jun Leng, Cheng Peng*, Jun-Long Li*. Diastereodivergent Formal 1,3-Dipolar Cycloaddition of 5-alkenyl thiazolones to Access Stereochemically Diverse Pyrrolidinyl Spirooxindoles. *Advanced Synthesis & Catalysis*, 2020, 362, 2052- 2058. (SCI)
- **Hezhong Jiang**, Tian Gan, Jiasui Zhang, Qingyun Ma, Yan Liang*, Youxing Zhao*. The Structures and Bioactivities of Fatty Acid Synthase Inhibitors. *Current Medicinal Chemistry*, 2019, 26(39), 7081-7101. (SCI)
- Xinxin Dang, Yu He, Yingtian Liu, Xuehong Chen, Junlong Li, Xianli Zhou*, **Hezhong Jiang***, Jiahong Li*. Rh(III)-catalyzed Synthesis of Tetracyclic Isoquinolinium Salts via C-H Activation and [4+2] annulation of 1-phenyl-3,4-dihydroisoquinolines and

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- Alkynes in Ethanol. *RSC Advances*, 2018, 8, 30050-30054. (SCI)
 - Guoqing Wei, Hui Chen, Fangyuan Nie, Xiaofeng Ma*, **Hezhong Jiang***. 1,3,6-Trihydroxy-7-methyl-9,10-anthracenedione isolated from genus *Lindera* with anti-cancer activity. *Anti-Cancer Agents in Medicinal Chemistry*, 2017, 17(11), 1604-1607. (SCI)
 - **He Zhong Jiang#**, Rui Tan#, Rui Hua Jiao, Xin Zhao Deng, Ren Xiang Tan*. Herpecaudin from *Herpetospermum caudigerum*, a Xanthine Oxidase Inhibitor with a Novel Isoprenoid Scaffold. *Planta Medica*, 2016, 82, 1122-1127. (SCI)

PROFESSIONAL ACTIVITIES

- Guest reviewer of *Medicinal Chemistry Research/ Natural Product Research/ Anti-Cancer Agents in Medicinal Chemistry/ Letters in Organic Chemistry/ Fitoterapia/ Journal of Food Biochemistry/ Journal of Functional Foods/ Current Pharmaceutical Biotechnology* (2014-).
- Fellow of Chinese Chemical Society (2016-).

TEACHING

Primary Teaching areas

- Natural Products Chemistry
- Pharmaceutical Engineering

Current Courses

- Natural Medicine Chemistry
- Pharmaceutical Equipment and Workshop Design
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GRADUATE SUPERVISION

I am available for supervision (2013-). Over the past five years, I have supervised and graduated ZHANG Jiasui, LEI Jieping, YUAN Juanjuan, LIU Yingtian, GAN Tian, LIU Jianchen, LI Yanan, HE Yu, DU Chunyan, Masters.