


教师简介

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最后毕业院校	韩国忠南国立大学		所学专业	药物化学		
研究生导师类别	硕士生导师		职称/职务	副教授		
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个人学习及工作经历	2020.01-至今，烟台大学药学院，副教授 2017.09-2020.01，烟台大学药学院，讲师 2013.09-2017.08，韩国忠南国立大学，硕博连读					
学术兼职	无					
目前研究方向简介	1、利用机器学习、深度学习等算法对中药资源数据进行深度挖掘与分析 2、中药（道地药材）的质量控制研究					
近五年主持（或参与）教学、科研项目	1、国家自然科学基金委员会，面上项目，线粒体靶向缓释微球 PLGA-(TEMPO+TPP-Ceria)对视网膜缺血再灌注损伤，2020.01-2023.12，在研，参与 2、中央本级重大增减支项目，名贵中药资源可持续利用能力建设，子课题，金银花“优形”与“优质”相关性研究，2021.01-2022.12，在研，参与					

近五年教学、科研获奖及专利	一种预测丹参中质量标志物含量的方法，申请号：2020106998375，发明人：赵妍、张永清、刘谦
近五年已发表的代表性论著	<p>1、Caihong Li, Yan Zhao* (共同通讯), Wenjing Li, Rongrong Xing, Jing Lu, Rongxia Liu*, UHPLC-UV-Q-Orbitrap HRMS-based metabolomics combined with machine learning algorithms reveals the chemical markers of Euodiae Fructus among closely-related cultivars, <i>Industrial Crops Products</i>, 162 (2021) 113279. (1区, Top)</p> <p>2、Yan Zhao#(共同第一), Qian Liu#, Zhe Zhang, Zenghao Bi, Yanhong Bai, Ying Zhou, Hongyan Liu, Gaobin Pu, Yu Zhang, Jia Li*, Yongqing Zhang*, Estimating the Q-marker concentrations of <i>Salvia miltiorrhiza</i> via a long short-term memory algorithm using climatic factors and metabolic profiling, <i>Industrial Crops Products</i>, 156 (2020) 112883. (1区, Top)</p> <p>3、Qian Liu#, Yan Zhao#(共同第一), Yingxue Qi, Zhe Zhang, Puyu Hao, Gaobin Pu, Yu Zhang, Yingzi Zeng*, Yongqing Zhang*, A comprehensive analytical platform for unraveling the effect of the cultivation area on the composition of <i>Salvia miltiorrhiza</i> Bunge, <i>Industrial Crops and Products</i>, 145 (2020) 111952. (1区, Top)</p> <p>4、Yan Zhao, Yan-Yan Zhao, Yuan Du, Jong Seong Kang*, Characterization and classification of three common <i>Bambusoideae</i> species in Korea by an HPLC-based analytical platform coupled with multivariate statistical analysis, <i>Industrial Crops and Products</i>, 130 (2019) 389–397. (1区, Top)</p> <p>5、Vu Ngoc Han Le, Yan Zhao, Chong Woon Cho, MinKyun Na, Khong Trong Quan, Jang Hoon Kim, Sung Yeoun Hwang, Sang Wook Kim, Kyung Tae Kim*, Jong Seong Kang*, Pharmacokinetic study comparing pure desoxo-narchinol A and nardosinonediol with extracts from <i>Nardostachys jatamansi</i>, <i>Journal of Chromatography B</i>, 1102–1103 (2018) 152–158. (3区)</p> <p>6、Yan Zhao, Hong Xu Li, Young Ho Kim, Cheong-Weon Cho, Sung Yeoun Hwang, Hyun-A Oh, Kyung Tae Kim*, Jong Seong Kang*, Standardization of extract mixture of <i>Chaenomeles sinensis</i> and <i>Phyllostachys bambusoides</i> for anti-obesity by HPLC-UV, <i>Archives of Pharmacal Research</i>, 40 (2017) 1156–1165. (3区)</p> <p>7、Yan Zhao, Young Ho Kim, Wonjae Lee, Young Keun Lee, Kyung Tae Kim*, Jong Seong Kang*, A simple and simultaneous identification method for aloe, catechu and gambir by high performance liquid chromatography, <i>Journal of Pharmaceutical and Biomedical Analysis</i>, 117 (2016) 73–78. (2区)</p> <p>8、Yan Zhao, Ya Nan Sun, Min Jung Lee, Young Ho Kim, Wonjae Lee, Kyeong Ho Kim, Kyung Tae Kim*, Jong Seong Kang*, Identification and discrimination of three common <i>Aloe</i> species by high performance liquid chromatography–tandem mass spectrometry coupled with multivariate analysis, <i>Journal of Chromatography B</i>, 1031 (2016) 163–171. (3区)</p>
指导研究生情况	<p>博士：已毕业 名，在读 名。</p> <p>硕士：已毕业 名，在读 1名。</p>