

## Jiang Zhi-Hong



Position: Chair Professor  
Vice President, Macau University of Science and Technology  
Director, State Key Laboratory of Mechanism and Quality of Chinese Medicine  
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**Professor Jiang** obtained the Bachelor and Master degrees from China Pharmaceutical University in 1987 and 1990, respectively. He earned his PhD degree from Nagasaki University, Japan in 1998. After postdoctoral training in Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, USA from 1999-2001, he joined School of Chinese Medicine, Hong Kong Baptist University in 2001 as an assistant professor, and was promoted to be an associate professor in 2005 and full professor in 2008. He was Associate Director of Teaching Division and Director of Master Program of Pharmaceutical Sciences in Chinese Medicine. In July 2011, he became the Dean of the Macau Institute of Pharmaceutical and Health Applications, and Deputy Director of State Key Laboratory for Quality Research in Chinese Medicines (Macau University of Science and Technology). In March 2016, he was appointed as the Vice President of Macau University of Science and Technology. Since March 2022, he has also served as the Director of State Key Laboratory of Mechanism and Quality of Chinese Medicine, and Director of National Innovation Center for Molecular Medicine since December 2024.

Professor Jiang is an internationally-renowned scientist in natural products chemistry. His research areas include natural medicinal chemistry, metabolomics, Chinese medicine quality standards, and RNA Chemical Biology. In order to advance the modernization of Chinese medicine, Professor Jiang has been dedicated to using modern spectroscopic and chromatographic, chemical biology, and metabolomic research techniques to elucidate the active components and mechanisms of action of Chinese medicine, achieving remarkable results. To date, Professor Jiang has published over 420 SCI papers in international academic journals such as *Nucleic Acids Research*, *Nature Communications*, *JACS*, *Analytical Chemistry*, and *Organic Letters*, with more than 16,000 citations and an H-index of 70 (Google Scholar, 2026).

Professor Jiang was awarded as the Young Distinguished Scholars by National Natural Science Foundation of China (Overseas) in 2007, and was appointed as Chair Professor of the Changjiang Scholars Programme by the Ministry of Education of China in 2014. In 2022, Prof. Jiang was elected as a member of Chinese Pharmacopoeia Commission. In 2024, he was selected for the 2024 Qihuang Scholar Training Program. His research grants were financially supported by the Macau Science and Technology Development Fund (FDCT), Hong Kong Research Grants Council, Department of Health of HKSAR, National Natural Science Foundation of China and National Institutes of Health (NIH) of U.S.A. In addition, Prof. Jiang also serves in multiple social service positions, including President of the Cross-Strait Scientific Collaboration Center for Chinese Medicine, Vice President of the Macao Science and Technology Council, Committee Member of Science and Technology Committee of Macao SAR Government, Member of the Task Force under the Talent Development Committee of Macao SAR Government and Vice Chairman of Macao Higher Education Development Promotion Association.

### ***Teaching and Research Areas***

Teaching subjects: Advanced Natural Products Chemistry, Prospect and Progress in Chinese Medicine Research

Research Areas: Natural Products Chemistry, Metabolomics, RNA Chemical Biology, Chemical Analysis of Chinese Herbs

### ***Academic Qualifications***

1998.3	Ph.D, Nagasaki University, Japan
1990.7	M. Sc., China Pharmaceutical University, Nanjing, China
1987.7	B. Sc., China Pharmaceutical University, Nanjing, China

### ***Teaching Experience***

2015.9 - Present	Chair Professor, Macau University of Science and Technology
2011.7- 2015.8	Professor, Macau University of Science and Technology
2008.9 - 2011.6	Professor, School of Chinese Medicine, Hong Kong Baptist University
2005.7 - 2008.8	Associate Professor, School of Chinese Medicine, Hong Kong Baptist University
2001.10 - 2005.6	Assistant Professor, School of Chinese Medicine, Hong Kong Baptist University
1999.11 - 2001.9	(Sabbatical leave) Postdoctoral Research Fellow, Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, U.S.A
1996.10 - 2001.9	Research Assistant Professor, School of Pharmaceutical Sciences, Nagasaki University, Japan
1990.7 - 1994.3	Research Associate, Lecturer, China Pharmaceutical University, Nanjing, China

### ***Papers published in the past five years (2021~2025)***

1. Ziwei Yang, Mingyue Zhou, Tianpeng Yin, Cai-Yun Wang, Guo-Yuan Zhu, Li-Ping Bai, **Zhi-Hong Jiang\***, Wei Zhang\*. "Functionalized Carbon Dots With Intrinsic Wnt/ $\beta$ -Catenin Inhibition to Synergistically Promote 5-Fluorouracil Chemotherapy." *International Journal of Nanomedicine* (2025): 1951-1964.
2. Lee-Fong Yau, Meng-Lan Yu, Tian-Tian Tong, Long-Bo Bai, Yu-Hang Zhang, Ya-Ling Yu, Ting Li, **Zhi-Hong Jiang\***, "Nanoliposome strategy for improving bioavailability and anti-acute alcoholic effects of dihydromyricetin through ginsenoside incorporation." *Food Bioscience* (2025): 108143.

3. Xiao-Rong Ma, Tong-Meng Yan, Yu Pan, **Zhi-Hong Jiang\***. "Optimization of siRNA therapeutics targeting MIAT for cardioprotection in myocardial ischemia/reperfusion injury." *Molecular Therapy Nucleic Acids* (2025): 36.4.
4. Qing-Hua Liu, Liu Yang, Yue Wang, Hao-Ming Xiong, Cai-Yun Wang, Guo-Yuan Zhu, Liping Bai, **Zhi-Hong Jiang\***, Wei Zhang\*. "Oligosaccharide mapping analysis through UPLC-Orbitrap-HRMS and enzymatic hydrolysis from *Polygonatum odoratum* (Mill.) Druce." *Carbohydrate Polymers* (2025): 124765.
5. Hengtao Fu, Jianfeng Sun, Zijun Shao, Caiyun Wang, Liping Bai, Guoyuan Zhu, **Zhi-Hong Jiang\***, Wei Zhang\*. "Nanoplastic-induced NAT10/ac4C axis drives both oxidative stress and chemoresistance." *Journal of Hazardous Materials* (2025): 140193.
6. Jian-Feng Qin, Tong-Meng Yan, Chen Huang, Ying-Wei Wang, Yu Pan, Hao Shi, Pei-Jie Zhu, Xiao Yang, **Zhi-Hong Jiang\***. "Propiolates-Based Selective Labeling and Affinity Capture Enables High-Fidelity Transcriptome-Wide Profiling of A-to-I RNA Editing." *Bioconjugate Chemistry* (2025) 36.11: 2324-2329.
7. Hui-Ying Li, Meng-Yu Bao, Hao-Ming Xiong, Can-Can Wang, Li-Ping Bai, Wei Zhang, Cheng-Yu Chen, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Suspensaditerpenes A–Q, anti-inflammatory labdane and nor-labdane diterpenoids from the seeds of *Forsythia suspensa*." *Phytochemistry* (2025): 114688.
8. Yan Chen, Xinjie Lai, Yijie Zhang, Cheng Qiu, Ying Qin, Tingting Fan, Tongmeng Yan, Mengmeng Dai, Qinsheng Sun, **Zhihong Jiang\***, Yuyang Jiang\*. "Huang-Lian-Jie-Du decoction enhances Capecitabine-Oxaliplatin efficacy via *Akkermansia muciniphila* and CD8+ T cells in colorectal cancer." *Phytomedicine* (2025): 157233.
9. Ziwei Yang, Tianpeng Yin, Cai-yun Wang, Guo-yuan Zhu, Li-ping Bai, **Zhi-Hong Jiang\***, Wei Zhang\*. "Biomass-derived carbon dots with pharmaceutical activity as temozolomide carrier for synergistic treatment of melanoma." *Bioorganic Chemistry* (2025): 108919.
10. Zi-Jun Shao, Yue Wang, Cai-Yun Wang, Guo-Yuan Zhu, Li-Ping Bai, Zheng-Ming Qian, **Zhi-Hong Jiang\***, Wei Zhang\*. "Chitosan-modified magnetic graphene oxide nanoassembly: a dual-functional platform for targeted protein adsorption and natural bioactive ingredient screening." *Bioorganic Chemistry* (2025): 108787.
11. Yue Wang, Fei Yu, Qing-Hua Liu, Cai-Yun Wang, Guo-Yuan Zhu, Li-Ping Bai, Ke-Ying Guo, **Zhi-Hong Jiang\***, Wei Zhang\*. "A novel electrochemical approach for sensitive and simultaneous detection of 7, 8-dihydro-8-oxoadenine and 2-hydroxyadenine

based on a screen-printed carbon electrode modified with carbon-encapsulated Fe<sub>3</sub>O<sub>4</sub>." *Talanta* (2025): 128584.

12. Hui-Ying Li, Meng-Yu Bao, Hao-Ming Xiong, Can-Can Wang, Li-Ping Bai, Wei Zhang, Cheng-Yu Chen, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Forsyditerpenes A–O, CC-type clerodane and aromatic abietane diterpenoids with anti-inflammatory activities from the seeds of *Forsythia suspensa*." *Fitoterapia* (2025): 106675.
13. Yu Pan, Jin-Jie Hu, Xiao-Rong Ma, Tong-Meng Yan, **Zhi-Hong Jiang\***. "Mitochondrial tRNA-specific Taurine Modifications Correlate With Ferroptosis-associated Myocardial Injury." *Journal of Molecular Biology* (2025): 169199.
14. Tian-Tian Tong, Long-Bo Bai, Lee-Fong Yau, Jiu-Yan Li, Hao Huang, **Zhi-Hong Jiang\***. "Pharmacological effects of bile acids on polycystic ovary syndrome via the regulation of chemerin." *Chinese Medicine* (2025) 20.1: 45.
15. Kai-Yue Cao, Da Zhang, Long-Bo Bai, Tong-Meng Yan, Yan Chen, Yu-Yang Jiang\*, **Zhi-Hong Jiang\***. "Targeting NUCKS1 with a fragment of tRNAAsn (GUU) of Chinese yew for the treatment of colorectal cancer." *Non-coding RNA Research* (2025)11: 38-47.
16. Fei Yu, Yue Wang, Cai-Yun Wang, Guo-Yuan Zhu, Li-Ping Bai, Keying Guo\*, **Zhi-Hong Jiang\***, Wei Zhang\*. "A novel and sensitive trefoil-structured biosensor based on nanoporous gold for simultaneous determination of microRNA-21 and microRNA-16." *Biosensors and Bioelectronics* (2025) 272: 117093.
17. Xufei Bian, Qian Guo, Lee-Fong Yau, Ling Yang, Xiaoyou Wang, Shikang Zhao, Shiqiong Wu, Xurong Qin, **Zhi-Hong Jiang\***, Chong Li\*. "Berberine-inspired ionizable lipid for self-structure stabilization and brain targeting delivery of nucleic acid therapeutics." *Nature Communications* (2025) 16.1: 2368.
18. Xiao-Mei Liu, Wen-Jing Ren, Hao-Yuan Lyu, Cheng-Yu Chen, Xiao-Hui Pan, Li-Ping Bai, Wei Zhang, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Verbenalinosides A and B, Two Iridoid–Phenylethanoid Glycoside Conjugates from *Verbena officinalis* and Their Hepatoprotective Activity." *ACS omega* (2025) 10.9: 9684-9690.
19. Xu Chen, Rui-Ze Gong, Liu-Ying Mo, Ya-Ting Cheng, Yu Ma, Yi-Tao Qi, Tong-Meng Yan, **Zhi-Hong Jiang\***. "Hydroxy-wybutosine tRNA modifications as indicators of disease progression and therapeutic targets in leukaemia." *British Journal of Haematology* (2025) 206.2: 517-530.
20. Xu Chen\*, Qi Su, Ruize Gong, Xing Ling, Runxiao Xu, Qijia Feng, Jialiang Ke, Meng Liu, Gulipiyamu Kahaerjiang, Yuhang Liu, Yanyan Yang, **Zhihong Jiang\***, Hongmei Wu\*, Yitao Qi\*. "LC3-associated phagocytosis and human diseases: Insights from

mechanisms to therapeutic potential." *The FASEB Journal* 38.20 (2024): e70130.

21. Rong Jiang, Wen-Jing Ren, Li-Ying Wang, Wei Zhang, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Targeting Lactate: An Emerging Strategy for Macrophage Regulation in Chronic Inflammation and Cancer." *Biomolecules* 14.10 (2024): 1202.
22. Yanqi Wu, Yuhong Guan, Peilin Huang, Hui Chen, Liping Bai, **Zhihong Jiang\***. "Preparation of norovirus GII loop mediated isothermal amplification freeze-drying microsphere reagents and its application in an on-site integrated rapid detection platform." *Chinese Chemical Letters* 35.9 (2024): 109308.
23. Lu Fu, Can-Can Wang, Wenyue Tian, Zhiyan Liu, Meng-Yu Bao, Jiazheng Liu, Wei Zhang, Li-Ping Bai\*, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "NMR-Guided Isolation of Anti-inflammatory Carabranolides from the Fruits of *Carpesium abrotanoides* L." *Journal of Natural Products* 87.7 (2024): 1786-1797.
24. Jiazheng Liu, Ting Xu, Jianjun Ding, Haoyue Wen, Jieru Meng, Qing Liu, Xiaomei Liu, Wei Zhang, Guo-Yuan Zhu, **Zhi-Hong Jiang\***, Jin Gao\*, Li-Ping Bai\*. "Discovery of anti-melanogenic components in persimmon (*Diospyros kaki*) leaf using LC-MS/MS-MN, AlphaFold2-enabled virtual screening and biological validation." *Food Chemistry* (2024): 139814.
25. Liu Yang, Chengting Zi, Yanlang Li, Jia Huang, Zhijia Gu, Caiyun Wang, Jiang-Miao Hu\*, **Zhihong Jiang\***, Wei Zhang\*. "An in-depth investigation of molecular interaction in zeaxanthin/corn silk glycan complexes and its positive role in hypoglycemic activity." *Food Chemistry* 438 (2024): 137986.
26. Zhi-Rong Lin, Meng-Yu Bao, Hao-Ming Xiong, Dai Cao, Li-Ping Bai, Wei Zhang, Cheng-Yu Chen, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Boswellianols A–I, Structurally Diverse Diterpenoids from the Oleo-Gum Resin of *Boswellia carterii* and Their TGF- $\beta$  Inhibition Activity." *Plants* 13.8 (2024): 1074.
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28. Ling Zeng, Cangman Zhang, Mingrong Yang, Jianfeng Sun, Jingguang Lu, Huixia Zhang, Jianfeng Qin, Wei Zhang, **Zhihong Jiang\***. "Unveiling the Diversity and Modifications of Short Peptides in *Buthus martensii* Scorpion Venom through Liquid Chromatography-High Resolution Mass Spectrometry." *Toxins* 16.3 (2024): 155.
29. Fei-Long Chen, Dong-Li Liu, Wen-Jing Ren, Hao-Ming Xiong, Li-Ping Bai, Wei Zhang,

- Chitin Hon, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Atrachinenins D–S, novel meroterpenoids with geranyl hydroquinone moiety from *Atractylodes chinensis* by the LC/MS-based molecular decoy and targeted isolation." *Bioorganic Chemistry* 144 (2024): 107111.
30. Peilun Lyu, Jiazheng Liu, Yuhan Zhang, Ben Ye, Ting Lan, Li-Ping Bai, Zhanchuan Cai\*, **Zhi-Hong Jiang\***. "A Novel Feature Fusion Framework for Industrial Automation Single-Multiple Object Detection." *IEEE Transactions on Industrial Informatics* 20.5 (2024): 7686-7697.
31. Min Zhang, Long-Bo Bai, Lee-Fong Yau, Tian-Tian Tong, Wei Zhang\*, **Zhi-Hong Jiang\***. "Identification of Cannabidivarin Metabolites in Different Mouse Organs Using Ultra-Performance Liquid Chromatography Coupled to a Quadrupole Time-of-Flight Mass Spectrometer." *Cannabis and Cannabinoid Research* 9.1 (2024): 386-396.
32. Yue Wang, Fei Yu, Qinghua Liu, Caiyun Wang, Guoyuan Zhu, Liping Bai, Shuai Shi, Yunfeng Zhao\*, **Zhihong Jiang\***, Wei Zhang\*. "A novel and sensitive dual signaling ratiometric electrochemical aptasensor based on nanoporous gold for determination of Ochratoxin A." *Food Chemistry* 432 (2024): 137192.
33. Xinyu Zhang, Yuting Chen, Yueying Pan, Xinye Ma, Gui Hu, Song Li, Yan Deng, Zhu Chen, Hui Chen\*, Yanqi Wu\*, **Zhihong Jiang\***, Zhiyang Li. "Research progress of severe acute respiratory syndrome coronavirus 2 on aerosol collection and detection." *Chinese Chemical Letters* 35.1 (2024): 108378.
34. Da Zhang, Lee-Fong Yau, Long-Bo Bai, Tian-Tian Tong, Kai-Yue Cao, Tong-Meng Yan, Ling Zeng, **Zhi-Hong Jiang\***. "Hydroxyapatite-based nano-drug delivery system for nicotinamide mononucleotide (NMN): significantly enhancing NMN bioavailability and replenishing in vivo nicotinamide adenine dinucleotide (NAD<sup>+</sup>) levels." *Journal of Pharmacy and Pharmacology* 75.12 (2023): 1569-1580.
35. Mingyue Zhou, Ziwei Yang, Tianpeng Yin, Yunfeng Zhao, Cai-yun Wang, Guo-yuan Zhu, Li-ping Bai, **Zhi-hong Jiang\***, Wei Zhang\*. "Functionalized Fe-Doped Carbon Dots Exhibiting Dual Glutathione Consumption to Amplify Ferroptosis for Enhanced Cancer Therapy." *ACS Applied Materials & Interfaces* 15.46 (2023): 53228-53241.
36. Qian-Bao Liu, Jiazheng Liu, Jing-Guang Lu, Ming-Rong Yang, Wei Zhang, Wen-Jia Li, Zheng-Ming Qian, **Zhi-Hong Jiang\***, Li-Ping Bai\*. "Quantitative <sup>1</sup>H NMR with global spectral deconvolution approach for quality assessment of natural and cultured *Cordyceps sinensis*." *Journal of Pharmaceutical and Biomedical Analysis* (2023): 115603.

37. Yingwei Wang, Mingrong Yang, Chichou Lao, Hanxuan Wang, **Zhihong Jiang\***. "Oxidative Cross-Coupling of  $\alpha$ -Amino Ketones with Alcohols Enabled by I<sub>2</sub>-Catalyzed C–H Hydroxylation." *The Journal of Organic Chemistry* 88.20 (2023): 14470-14486.
38. Hao-Yuan Lyu, Meng-Yu Bao, Chi-Cheng Io, Hao-Ming Xiong, Fei-Long Chen, Li-Ping Bai, Wei Zhang, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Sesquiterpenoids from the roots of *Aucklandia costus* and their anti-inflammatory activities." *Fitoterapia* (2023): 105604.
39. Raoqiong Wang, Guoxin Huang, Shuangyang Li, Hanlin Huang, Guoyuan Zhu, Liang Wang, Jinrui Yang, Sijin Yang\*, **Zhihong Jiang\***, Wei Zhang\*. "Blueberry extract for the treatment of ischaemic stroke through regulating the gut microbiota and kynurenine metabolism." *Phytotherapy Research* 38 (2023): 4792–4814..
40. Hui-Xia Zhang, Dian Yu, Jian-Feng Sun, Ling Zeng, Cai-Yun Wang, Li-Ping Bai, Guo-Yuan Zhu, **Zhi-Hong Jiang\***, Wei Zhang\*. "An integrated approach to evaluate acetamiprid-induced oxidative damage to tRNA in human cells based on oxidized nucleotide and tRNA profiling." *Environment International* (2023): 108038.
41. Hao-Ming Xiong, Hui-Ying Li, Zhi-Rong Lin, Xiao-Mei Liu, Li-Ping Bai, Wei Zhang, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Chemical Constituents from the Fruits of *Amomum kravanh* and Their Role in Activating Alcohol Dehydrogenase." *Molecules* 28.12 (2023): 4878.
42. Fei Ren, Kai-Yue Cao, Rui-Ze Gong, Meng-Lan Yu, Peng Tao, Yi Xiao, **Zhi-Hong Jiang\***. "The role of post-transcriptional modification on a new tRNA<sup>Ala</sup> (GAU) identified from *Ganoderma lucidum* in its fragments' cytotoxicity on cancer cells." *International Journal of Biological Macromolecules* 229 (2023): 885-895.
43. Hui-Xia Zhang, Jian-Feng Qin, Jian-Feng Sun, Yu Pan, Tong-Meng Yan, Cai-Yun Wang, Li-Ping Bai, Guo-Yuan Zhu, **Zhi-Hong Jiang\***, Wei Zhang\*. "Selective Chemical Labeling Strategy for Oligonucleotides Determination: A First Application to Full-Range Profiling of Transfer RNA Modifications." *Analytical Chemistry* 95.2 (2023): 686-694.
44. Jie-Ru Meng, Jiazheng Liu, Lu Fu, Tong Shu, Lingzhi Yang, Xueji Zhang, **Zhi-Hong Jiang\***, Li-Ping Bai\*. "Anti-entry activity of natural flavonoids against SARS-CoV-2 by targeting spike RBD." *Viruses* 15.1 (2023): 160.
45. Tianpeng Yin, Yi Yu, Qinghua Liu, Guoyuan Zhu, Liping Bai, Wei Zhang\*, **Zhihong Jiang\***. "<sup>13</sup>C-NMR-based MixONat strategy coupled with 2D NMR for rapid dereplication and identification of new secondary metabolites from *Aloe vera*."

*Journal of Food Composition and Analysis* 115 (2023): 104975.

46. Hui Chen, Xinye Ma, Xinyu Zhang, Gui Hu, Yan Deng, Song Li, Zhu Chen, Nongyue He\*, Yanqi Wu\*, **Zhihong Jiang\***. "Novel aerosol detection platform for SARS-CoV-2: Based on specific magnetic nanoparticles adsorption sampling and digital droplet PCR detection." *Chinese Chemical Letters* 34.1 (2023): 107701.
47. Lee-Fong Yau, Hao Huang, Tian-Tian Tong, Long-Bo Bai, Guo-Yuan Zhu, Yuanyuan Hou, Gang Bai\*, **Zhi-Hong Jiang\***. "Characterization of deglycosylated metabolites of platycosides reveals their biotransformation after oral administration." *Food Chemistry* 393 (2022): 133383.
48. Xu-Jia Wu, Dai Cao, Fei-Long Chen, Rong-Sheng Shen, Jin Gao, Li-Ping Bai, Wei Zhang, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Chlorfortunones A and B, Two Sesquiterpenoid Dimers, Possessing Dispiro [4, 2, 5, 2] pentadecane-6, 10, 14-tren Moiety from *Chloranthus fortunei*." *ACS Omega* 7.39 (2022): 35063-35068.
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50. Tian-Peng Yin, Yi Yu, Qing-Hua Liu, Ming-Yue Zhou, Guo-Yuan Zhu, Li-Ping Bai, Wei Zhang\*, **Zhi-Hong Jiang\***. "2D NMR-based MatchNat Dereplication Strategy Enables Explosive Discovery of Novel Diterpenoid Alkaloids." *Chinese Journal of Chemistry* 40.18 (2022): 2169-2178.
51. Kua Hu, Tong-Meng Yan, Kai-Yue Cao, Fang Li, Xiao-Rong Ma, Qiong Lai, Jin-Cheng Liu, Yu Pan, Jun-Ping Kou, **Zhi-Hong Jiang\***. "A tRNA-derived fragment of ginseng protects heart against ischemia/reperfusion injury via targeting the lncRNA MIAT/VEGFA pathway." *Molecular Therapy-Nucleic Acids* 29 (2022): 672-688.
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- of nicotinamide mononucleotide in combination with ginsenosides or resveratrol." *Pharmacology Research & Perspectives* 10.4 (2022): e00986.
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  57. Kai-Yue Cao, Tong-Meng Yan, Ji-Zhou Zhang, Ting-Fung Chan, Jie Li, Chong Li, Elaine Lai-Han Leung, Jin Gao, Bao-Xian Zhang, **Zhi-Hong Jiang\***. "A tRNA-derived fragment from Chinese yew suppresses ovarian cancer growth via targeting TRPA1." *Molecular Therapy-Nucleic Acids* 27 (2022): 718-732.
  58. Fei-Long Chen, Dong-Li Liu, Jing Fu, Ji Yang, Li-Ping Bai, Wei Zhang, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "(±)-Atrachinenins A—C, Three Pairs of Caged C27 Meroterpenoids from the Rhizomes of *Atractylodes chinensis*." *Chinese Journal of Chemistry* 40.4 (2022): 460-466.
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  60. Tianpeng Yin, Jingguang Lu, Qinghua Liu, Guoyuan Zhu, Wei Zhang\*, **Zhihong Jiang\***. "Validated quantitative <sup>1</sup>H NMR method for simultaneous quantification of indole alkaloids in *Uncaria rhynchophylla*." *ACS Omega* 6.47 (2021): 31810-31817.
  61. Xin Liu, Jing Fu, Rong-Sheng Shen, Xu-Jia Wu, Ji Yang, Li-Ping Bai, **Zhi-Hong Jiang\***, Guo-Yuan Zhu\*. "Linderanoids A—O, dimeric sesquiterpenoids from the roots of *Lindera aggregata* (Sims) Kosterm." *Phytochemistry* 191 (2021): 112924.
  62. Yahui Ge, Na Li, Yu Fu, Xi Yu, Ying Xiao, Zhiying Tang, Jianbo Xiao, Jian-Lin Wu\*, **Zhi-Hong Jiang\***. "Deciphering superior quality of Pu-erh tea from thousands of years' old trees based on the chemical profile." *Food Chemistry* 358 (2021): 129602.

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