

Published papers (2022)

備註: 影響因數超過 4 或學科排名 15%以內的期刊論文

Note: Publication with impact factor of more than 4 or subjects ranked less than 15%

1. Y Liu, H Li, Z-H Luo, Y Yu, J-Z Yang, M Zhang, B-Y-K Law, Z Huang and W-H Li*. **Artesunate, a new antimalarial clinical drug, exhibits potent anti-AML activity by targeting the ROS/Bim and TFRC/Fe²⁺ pathways.** *Br J Pharmacol*. In Press.
2. C-Y Wang, T-T Chen, Y-C Mu, X Liang, K Xiong, L-Q Ai, Y-Y Gu*, X-X Fan* and H-H Liang*. **FDRdb: A manually curated database of fibrotic disease-associated RNAome and high-throughput datasets.** *Database*. In Press.
3. X-C Li, W-Q Hou, T-T Lin, J-D Ni, H-W Qiu, Y Fu, Z-X Zhao, C-H Yang, N Li, H Zhou, R Zhang, Z-Q Liu, L Fu* and L-J Zhu*. **Neoline, fuziline, songorine and 10-OH mesaconitine are potential quality markers of Fuzi: In vitro and in vivo explorations as well as pharmacokinetics, efficacy and toxicity evaluations.** *J Ethnopharmacol*. In Press.
4. Y-Y Lu, Z-T Mai, H-X Zhou, W-D Guan, S-G Wu, H-Y Zou, M-T Shen, Y-Q Zhan, F Ye, M-S Qiu, L-H Shen*, B-B Zhao* and Z-F Yang*. **Simultaneous profiling and quantification of 25 eicosanoids in human serum by ultrahigh-performance liquid chromatography coupled to tandem mass spectrometry.** *Anal Bioanal Chem*. In Press.
5. M Zhang, L-B Bai, L-F Yau, T-T Tong, W Zhang* and Z-H Jiang*. **Identification of Cannabidivarin metabolites in different mouse organs using Ultra-Performance Liquid Chromatography coupled to a Quadrupole Time-of-Flight mass spectrometer.** *Cannabis Cannabinoid Res*. In Press.
6. Y-X Chen, D-T Qin, J-H Zou, X-B Li, X-D Guo, Y Tang, C Liu, W Chen, N Kong, C-Y Zhang* and W Tao*. **Living Leukocyte-based drug delivery systems.** *Adv Mater*. In Press.
7. L Wang, J-W Tang, F Li, M Usman, C-Y Wu, Q-H Liu, H-Q Kang*, W Liu* and B Gu*. **Identification of bacterial pathogens at genus and species levels through combination of Raman spectrometry and deep-learning algorithms.** *Microbiol Spectr*. In Press.
8. Y Liu, H-Y Cui, X-L Wang, G-F Ouyang and H Guo*. **Hydrogels with reversible heat-trained toughness for convenient manufacture.** *Adv Mater Technol*. In Press.
9. T-J Yuan, H Wang, M-H Tan, Y Xu, Q-Y Xiao, C Wu* and L-H Peng*. **ZIF@VO₂ as an intelligent nano-reactor for on-demand angiogenesis and disinfection.** *Adv Healthc Mater*. In Press.
10. H-Y Chen, J Xu, S-Y Wei, Z Jia, C Sun, J-X Kang, X-Y Guo, N Zhang, J-X Tao, Y Dong, C Zhang, Y-N Ma, W-H Lv, H-S Tian, S Bi, H-C Lv, C Huang, F-W Kong, G-P Tang*, Y-S Jiang* and M-M Zhang*. **RABC: Rheumatoid Arthritis Bioinformatics Center.** *Nucleic Acids Res*. In Press.
11. E-L-H Leung*, J-M Huang, J-M Zhang, J-H Zhang, M-F Wang, Y-J Zhu, Z-Q Meng, H-J Yu, E Neher, L-J Ma and X-J Yao. **Novel anticancer strategy by targeting the gut microbial neurotransmitter signaling to overcome immunotherapy resistance.** *Antioxid Redox Signal*. In Press.
12. K Geng, X-M Ma, Z-Z Jiang, J-L Gu, W Huang, W-M Wang, Y Xu* and Y-H Xu*. **WDR74 facilitates TGF- β /Smad pathway activation to promote M2 macrophage polarization and diabetic foot ulcer wound healing in mice.** *Cell Biol Toxicol*. In Press.
13. T Long, Y Tang, Y-N He, C-L He, X Chen, M-S Guo, J-M Wu, L Yu, C-L Yu, B-Y-K Law, D-L Qin, A-G Wu* and X-G Zhou*. **Citri reticulatae semen extract promotes healthy aging and neuroprotection via autophagy induction in Caenorhabditis elegans.** *J Gerontol A Biol Sci Med Sci*. In Press.
14. J-M Zhang*, X-M Li, Z-J Zhao, W-Q Cai and J-G Fang. **Thioredoxin signaling pathways in cancer.** *Antioxid Redox Signal*. In Press.

15. T Ahmad, G-Q Li, J-J Wang, M-X Li, Y Xiao, X Yu, Y-Q Zheng, A Moosa, C-R Nie and Y Liu*. **First report of bacterial leaf spot of Ficus benghalensis caused by Pseudomonas cichorii in Pakistan.** *Plant Dis.* In Press.
16. X-M Ma, K Geng, B-Y-K Law, P Wang, Y-L Pu, Q Chen, H-W Xu, X-Z Tan, Z-Z Jiang* and Y Xu*. **Lipotoxicity-induced mtDNA release promotes diabetic cardiomyopathy by activating the cGAS-STING pathway in obesity-related diabetes.** *Cell Biol Toxicol.* In Press.
17. G-H Chen, W Xiong, Z-Y Gu, Y-R Gao, J-Z Hou, L Long, H-Y Wang, A-M Asrorov, B Muhitdinov, Q Xu* and Y-Z Huang*. **Mannosylated engineered trichosanthin-legumain protein vaccine hydrogel for breast cancer immunotherapy.** *Int J Biol Macromol.* 2022;223(Part A):1485-1494.
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23. Y Peng, T Gu, T Zhong*, Y Xiao and Q-C Sun*. **Endoplasmic reticulum stress in metabolic disorders: Opposite roles of phytochemicals and food contaminants.** *Curr Opin Food Sci.* 2022;48:100913.
24. W Miao, N Li and J-L Wu*. **Food-polysaccharide utilization via in vitro fermentation: Microbiota, structure, and function.** *Curr Opin Food Sci.* 2022;48:100911.
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29. Y-Y Wang, W-D Deng, J Liu, Q Yang, Z-Y Chen, J-B Su, J-L Xu, Q-H Liang, T Li, L Liu* and X-J Li*. **IKK β increases neuropilin-2 and promotes the inhibitory function of CD9+ Bregs to control allergic diseases.** *Pharmacol Res.* 2022;185:106517.

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