

## 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. 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.
2. F He, Y-F Huang, W Dai, X-Y Qu, J-G Lu, C-C Lao, W-H Luo, D-M Sun, M Wei, S-Y Xiao, Y Xie, L Liu\* and H Zhou\*. **The localization of the alkaloids in *Coptis chinensis* rhizome by time-of-flight secondary ion mass spectrometry.** *Front Plant Sci.* 2022;13:1092643.
3. Y-T Cao, K-Y Zhang, J Sun, Y Lou, T-S Lv, X-Y Yang, W-H Zhang, J-Y Yu, Q-B Wu and X-Q Zhou\*. **Platelet abnormalities in autoimmune thyroid diseases: A systematic review and meta-analysis.** *Front Immunol.* 2022;13:1089469.
4. G-W Yan, S-B Li, Y-H Wen, Y-D Luo, J-R Huang, B-T Chen, S-Y Lv, L Chen, L-Q He, M-L He, Q Yang, Z-H Yu, W-D Xiao, Y Tang, W-Y Li, J-H Han, F-F Zhao, S-M Yu, F Kong, B Addasi, H-M Yin\* and C-W Gu\*. **Characteristics of intestinal microbiota in C57BL/6 mice with non-alcoholic fatty liver induced by high-fat diet.** *Front Microbiol.* 2022;13:1051200.
5. W-F Cai, Z-F Yang, J-Y Liang, Z-S Lin, Y Ma, C Chen, Y Li, Y-M Li, Z-T Mai, K-L Mai, X-T Kong, X-Y Liang, Q-Y Li, C-M-Z Tu, C-X Chen, C-T Hon, P-Z Qin, K Li, X-N Li, Y-T Miao, X-X Liu, W-D Guan, Z-Q Zeng, W-L Qiu, W He, L Zhang\*, Z-C Yang\* and N-S Zhong\*. **How fast and how well the Omicron epidemic was curtailed. A Guangzhou experience to share.** *Front Public Health.* 2022;10:979063.
6. T Guan, Y-D Shen, Z Jiang, Y-J Liu, Q-L Aori, A Koidis, X-J Yao and H-T Lei\*. **One-step self-assembling multiple hydrophobic quantum dots and hydrophilic biomolecules into all-inclusive tags for ultrasensitive immunosensors.** *Sens Actuator B-Chem.* 2022;373:132720.
7. M-X Liu\*, J-G Lu, M-R Yang, Z-H Jiang, X-C Wan and W Luyten\*. **Bioassay-guided isolation of anthelmintic components from Semen pharbitidis, and the mechanism of action of Pharbitin.** *Int J Mol Sci.* 2022;23(24):15739.
8. W Qi, L Man, S Suguto, Y-D Zhao, H Quan, C-J Huang, H-R Ma, H-R Guan and Y-Z Zhu\*. **Endocrine effects of three common gas signaling molecules in humans: A literature review.** *Front Endocrinol.* 2022;13:1074638.
9. G-C Liao, H-Y Lau, Z-Q Liu, C-Y Li, Z-P Xu, X-X Qi, Y Zhang, Q Feng, R-Z Li, X-Y Deng, Y-B Li, Q Zhu, S-S Zhu, H Zhou, H-D Pan, X-X Fan, Y-C Li, D Li, L-Q Chen, B-X Ke, Z Cong, Q Lv, J-N Liu, D Liang, A Li, W-S Hong, L-L Bao, F Zhou, H-B Gao, S Liang, B-H Huang, M-L Wu, C Qin\*, C-W Ke\* and L Liu\*. **Single-dose rAAV5-based vaccine provides long-term protective immunity against SARS-CoV-2 and its variants.** *Virol J.* 2022;19(1):212.
10. Y-H Zuo, W-N Gao, Y-J Xie, S-Y Yang, J-T Zhou, H-H Liang\* and X-X Fan\*. **Tumor PKC $\delta$  instigates immune exclusion in EGFR-mutated non-small cell lung cancer.** *BMC Med.* 2022;20(1):470.
11. X Chen, J-Q Li, R Zhang, Y Zhang, X-X Wang, E-L-H Leung, L-J Ma, V-K-W Wong\*, L Liu\*, E Neher\* and H-J Yu\*. **Suppression of PD-L1 release from small extracellular vesicles promotes systemic anti-tumor immunity by targeting ORAI1 calcium channels.** *J Extracell Vesicles.* 2022;11(12):e12279.
12. S-Q Chen, Y Yu, Y-X Yuan, X Chen, F Zhou, Y-W Li, P Wang, X-L Jiang\*, S Tian\* and W-J Ren\*. **A novel long noncoding RNA AC092718.4 as a prognostic biomarker and promotes**

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13. X-L An, Y-Z Niu, Q Yang, Y Lei, X-J Yao\* and Z-T Bing\*. **Investigating the dynamic binding behavior of PMX<sub>53</sub> cooperating with allosteric antagonist NDT<sub>9513727</sub> to C<sub>5a</sub> Anaphylatoxin chemotactic receptor 1 through Gaussian accelerated molecular dynamics and free-energy Perturbation simulations.** *ACS Chem Neurosci.* 2022;13(23):3502-3511.
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15. H-D Liu, L Yang, C-L Wan, Z-N Li, G-L Yan, Y Han, H Sun\* and X-J Wang\*. **Evaluation of the pharmacological effects and exploration of the mechanism of traditional Chinese medicine preparation Ciwujia tablets in treating insomnia based on ethology, energy metabolism, and urine metabolomic approaches.** *Front Pharmacol.* 2022;13:1009668.
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18. W-T Zhang, W-Q Tian, Y-F Wang, X-J Jin, H Guo, Y-W Wang\*, Y-P Tang and X-J Yao. **Explore the mechanism and substance basis of Mahuang Fuzi Xixin decoction for the treatment of lung cancer based on network pharmacology and molecular docking.** *Comp Biol Med.* 2022;151(Part A):106293.
19. L-L Zhang, N Li\*, S-S Chen, X-Q Bian, M-A Farag, Y-H Ge, J-B Xiao and J-L Wu\*. **Carboxyl-containing compounds in food: Category, functions, and analysis with chemical derivatization-based LC-MS.** *Trac-Trends Anal Chem.* 2022;157:116818.
20. 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.* 2022;414(29-30):8233-8244.
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27. 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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31. F-F Xiang, H-P Liu, J Deng, W-Z Ma\* and Y Chen\*. **Progress on Denosumab use in giant cell tumor of bone: Dose and duration of therapy**. *Cancers.* 2022;14(23):5758.
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