

## 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. J Duan, Q-F Liu, Q-N Yuan, Y-J Ji, S-N Zhu, Y-X Tan, X-H He, Y-W Xu, J-J Shi, X Cheng, H-L Jiang, E-H Xu\* and Y Jiang\*. **Insights into divalent cation regulation and G<sub>13</sub>-coupling of orphan receptor GPR35**. *Cell Discov*. 2022;8(1):135.
7. G Chen, G Wang, W-D Xu\*, Y Xiao and Y Peng\*. **Transcriptome analysis of fat accumulation in 3T3-L1 adipocytes induced by chlorantraniliprole**. *Front Nutr*. 2022;9:1091477.
8. 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.
9. 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.
10. 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.
11. 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**. *Virology*. 2022;19(1):212.
12. 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.

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15. [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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17. [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.
18. [Y-F Sang](#), [Y-H Li](#), [L Xu](#), [J-J Chen](#), [D-J Li](#) and [M-R Du\\*](#). **Dysfunction of CCR1+ decidual macrophages is a potential risk factor in the occurrence of unexplained recurrent pregnancy loss.** *Front Immunol*. 2022;13:1045532.
19. [Y-L Hu](#), [X-J Wang](#), [J-M Huan](#), [L Zhang](#), [L Lin](#), [Y Li](#) and [Y-L Li\\*](#). **Effect of dietary inflammatory potential on the aging acceleration for cardiometabolic disease: A population-based study.** *Front Nutr*. 2022;9:1048448.
20. [Z Yang](#), [W Wang](#), [Y Qi](#), [Y Yang](#), [C-H Chen](#), [J-Z Liu](#), [G-X Chu\\*](#) and [G-H Bao\\*](#). **Exploring new catechin derivatives as SARS-CoV-2 M<sup>Pro</sup> inhibitors from tea by molecular networking, surface plasma resonance, enzyme inhibition, induced fit docking, and metadynamics simulations.** *Comp Biol Med*. 2022;1451(Part A):106288.
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