

## Published papers (2023)

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-G Gong, W Ding, P-P Wang, Q-B Wu, X-J Yao\* and Q-X Yang\*. **Evaluating machine learning methods of analyzing multiclass metabolomics.** *J Chem Inf Model.* 2023;63(24):7628-7641.
2. Y-D Liu, H-R Chen, Y Zhang, G Yan, H-J Yan, Q Zhu and L-H Peng\*. **Progress and challenges of plant-derived nucleic acids as therapeutics in macrophage-mediated RNA therapy.** *Front Immunol.* 2023;14:1255668.
3. M-Y Wu, Y-J Ge, E-J Wang, Q-W Liao, Z-Y Ren, Y Yu, G-Y Zhu, C-P Liu, M-N Zhang, H-X Su, H-M Shen, Y Chen, L Wang, Y-T Wang, M Li, Z-X Bian, J Chai, R-D Ye\* and J-H Lu\*. **Enhancement of efferocytosis through biased FPR2 signaling attenuates intestinal inflammation.** *EMBO Mol Med.* 2023;15(12):e17815.
4. X-P Bai, S-H Lam, J-T Hu, K-K Chui, X-M Zhu, L Shao, T-H Chow\* and J-F Wang\*. **Colloidal plasmonic TiN nanoparticles for efficient solar seawater desalination.** *ACS Appl Mater Interfaces.* 2023;15(48):55856-55869.
5. P Liang, T Bi, Y-N Zhou, C-M Wang, Y-N Ma, H-P Xu, H-P Shen, W Ren\* and S-J Yang\*. **Carbonized Platycladus orientalis derived carbon dots accelerate hemostasis through activation of platelets and coagulation pathways.** *Small.* 2023;19(49):e2303498.
6. N Zhou, T-W Gu, Y Xu, Y-D Liu and L-H Peng\*. **Challenges and progress of neurodrug: Bioactivities, production and delivery strategies of nerve growth factor protein.** *J Biol Eng.* 2023;17(1):75.
7. Y-L Zeng, J-P-L Ng, L-N Wang, X-F Xu, B-Y-K Law, G-B Chen, H-H Lo, L-J Yang, J-J Yang, L Zhang, L-Q Qu, X-Y Yun, J Zhong, R-H Chen, D-Q Zhang, Y-P Wang, W-D Luo, C-L Qiu, B-X Huang, W-F Liu, L Liu\* and V-K-W Wong\*. **Mutant p53<sup>R211\*</sup> ameliorates inflammatory arthritis in AIA rats via inhibition of TBK1-IRF3 innate immune response.** *Inflamm Res.* 2023;72(12):2199-2219.
8. M-T Chen, F-R Huang, B-H Chen, J-L Kang, Y-J Yao, M-N Liua, Y-Y Li, Y-Q Li, T-R Zhou, D-T Peng, L-D Luo, C-S Wei, Y-F Xing, Q-B Wu\*, H Zhou\* and G-D Tong\*. **A classical herbal formula alleviates high-fat diet induced nonalcoholic steatohepatitis (NASH) via targeting mitophagy to rehabilitate dysfunctional mitochondria, validated by UPLC-HRMS identification combined with in vivo experiment.** *Biomed Pharmacother.* 2023;168:115831.
9. Y-Q Wu, X-J Wang\*, L Yang, S-Y Kang, G-L Yan, Y Han, H Fang and H Sun\*. **Potential of alisols as cancer therapeutic agents: Investigating molecular mechanisms, pharmacokinetics and metabolism.** *Biomed Pharmacother.* 2023;168:115722.
10. J-P-L Ng, Y-X Yun, A-A Nasim, A Gianoncelli, B-Y-K Law, G Ribaud\*, V-K-W Wong\* and P-S Coghi\*. **Synthesis, docking studies and biological evaluation of 1H-1,2,3-triazole-7-chloroquinoline derivatives against SARS-CoV-2.** *Bioorg Chem.* 2023;141:106882.
11. J-M Li, Y-D Yao, J-F Luo, J-X Liu, L-L Lu, Z-Q Liu, Y Dong\*, Y Xie\* and H Zhou\*. **Pharmacological mechanisms of sinomenine in anti-inflammatory immunity and osteoprotection in rheumatoid arthritis: A systematic review.** *Phytomedicine.* 2023;121:155114.
12. J-Y Mou, Z-Y Wang, Z-W Ma, Q-H Liu, M-A Sullivan, Z Liu\* and L Wang\*. **Is glycogen an important constituent of human milk?** *J Food Compost Anal.* 2023;124:105719.

13. [D-H Yao](#), J-S You, X-T Yang, J Zhang\* and [X-J Yao\\*](#). **Fragment-based design, synthesis and biological evaluation of theophylline derivatives as ATAD2 inhibitors in BT-549 cells.** *J Enzyme Inhib Med Chem.* 2023;38(1):2242601.
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20. H-Y Du, D-J Jiang, O-D Zhang, Z-X Wu, J-B Gao, X-J Zhang, [X-R Wang](#), Y-F Deng, Y Kang, D Li, P-C Pan\*, C-Y Hsieh\* and T-J Hou\*. **A flexible data-free framework for structure-based de novo drug design with reinforcement learning.** *Chem Sci.* 2023;14(43):12166-12181.
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27. M-L Hu, Y-R Pan, Y-Y Yong, Y Liu, L Yu, D-L Qin, G Qiao, [B-Y-K Law](#), J-M Wu\*, X-G Zhou\* and [A-G Wu\\*](#). **Poly (ADP-ribose) polymerase 1 and neurodegenerative diseases: Past,**

- present, and future.** *Ageing Res Rev.* 2023;91:102078.
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