

Published papers (2021)

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. Q Liu, Y-W Wang, E-L-H Leung and X-J Yao*. **In silico study of intrinsic dynamics of full-length apo-ACE2 and RBD-ACE2 complex.** *Comput Struct Biotechnol J.* 2021;19: 5455-5465.
2. J-T Han, Y-C Zhu, D-B Pan, H-X Xue, S Wang, Y-L Peng, H-X Liu*, Y-X He* and X-J Yao*. **Discovery of pentapeptide-inhibitor hits targeting FKBP51 by combining computational modeling and X-ray crystallography.** *Comput Struct Biotechnol J.* 2021;19:4079-4091.
3. X-L An, Q-F Bai, Z-T Bing, H-X Liu* and X-J Yao*. **Insights into the molecular mechanism of positive cooperativity between partial agonist MK-8666 and full allosteric agonist AP8 of hGPR40 by Gaussian accelerated molecular dynamics (GaMD) simulations.** *Comput Struct Biotechnol J.* 2021;19:3978-3989.
4. H-X Zhu, W-H Du, M-H Song, Q Liu, A Herrmann and Q Huang*. **Spontaneous binding of potential COVID-19 drugs (Camostat and Nafamostat) to human serine protease TMPRSS2.** *Comput Struct Biotechnol J.* 2021;19:467-476.
5. Q-Q Cheng, Y-Ouyang, Z-Y Tang, C-C Lao, Y-Y Zhang, C-S Cheng and H Zhou*. **Review on the development and applications of medicinal plant genomes.** *Front Plant Sci.* 2021;12:791219.
6. A-J Xie, C-T Mai, Y-Z Zhu, X-C Liu* and Y Xie*. **Bile acids as regulatory molecules and potential targets in metabolic diseases.** *Life Sci.* 2021;287:120152.
7. X Wang, J-H Ni, Y You, G-Z Feng, S-L Zhang, W-L Bao, H Hou, H-D Li, L-X Liu, M-Y Zheng, Y-R Wang, H Zhou*, W-X Shen* and X-Y Shen*. **SNX10-mediated LPS sensing causes intestinal barrier dysfunction via a caspase-5-dependent signaling cascade.** *EMBO J.* 2021;40(24):e108080.
8. W-W Hu, J Zhang, M-F Wang, W Chen, L Chai, E-L-H Leung and Y-J Tang*. **Clinical features and risk factors analysis for hemorrhage in adults on ECMO.** *Front Med.* 2021;8:731106.
9. J-H Wang, W Zhong, H-B Su, J Xu, D Yang, X-H Liu* and Y-Z Zhu*. **Histone methyltransferase Dot1L contributes to RIPK1 kinase-dependent apoptosis in cerebral ischemia/reperfusion.** *J Am Heart Assoc.* 2021;10(23):e022791.
10. R-F Li, Y-L Hou, J-C Huang, W-Q Huang, Q-H Ma, Y-X Shi, C-F Li, J Zhao, Z-H Jia, H-M Jiang, K Zheng, S-X Huang, J Dai, X-B Li, X-T Hou, L Wang, N-S Zhong and Z-F Yang*. **Corrigendum to: Lianhuaqingwen exerts anti-viral and anti-inflammatory activity against novel coronavirus (SARS-CoV-2) [Pharmacol. Res. 156 (2020) 104761].** *Pharmacol Res.* 2021;174:105907.
11. M-Z Wang, Y Xu, J-F Xie, Z-H Jiang and L-H Peng*. **Ginsenoside as a new stabilizer enhances the transfection efficiency and biocompatibility of cationic liposome.** *Biomater Sci.* 2021;9(24):8373-8385.
12. B Tomlinson, E Chow, P Chan* and C-W-K Lam*. **An evaluation of the pharmacokinetics of inclisiran in the treatment of atherosclerotic cardiovascular disease.** *Expert Opin Drug Metab Toxicol.* 2021;17(12):1353-1361.
13. L-P Wang, Q Luo, S-J Zeng, Y-M Lou, X-Y Li, M Hu, L-L Lu* and Z-Q Liu*. **Disordered farnesoid X receptor signaling is associated with liver carcinogenesis in Abcb11-deficient mice.** *J Pathol.* 2021;255(4):412-424.
14. X-Q Huang, L-Z Chen, Y-J Lin, K-I Tou, H-H Cai, H Jin, W-S Lin, J-L Zhang, J-Y Cai*, H-B Zhou* and P Jiang*. **Tumor targeting and penetrating biomimetic mesoporous polydopamine**

- nanoparticles facilitate photothermal killing and autophagy blocking for synergistic tumor ablation. *Acta Biomater.* 2021;136:456-472.
15. L Yi, J-Y Ke, J-Y Liu, H-L Lai, Y-J Lv, C Peng, Y-K Zhi, Q Du, L Liu, P-X Wang, H Zhou* and Y Dong*. **Sinomenine increases adenosine A_{2A} receptor and inhibits NF- κ B to inhibit arthritis in adjuvant-induced-arthritis rats and fibroblast-like synoviocytes through α 7nAChR.** *J Leukoc Biol.* 2021;110(6):1113-1120.
 16. Y Lin, R Huang, X-X Sun, X Yu, Y Xiao, L Wang, W-Z Hu and T Zhong*. **The p-Anisaldehyde/beta-cyclodextrin inclusion complexes as fumigation agent for control of postharvest decay and quality of strawberry.** *Food Control.* 2021;130:108346.
 17. Y Yu, Z Wang, Q-Y Yang, Q Ding, R Wang, Z-Y Li, Y-D Fang, J-Y Liao, W Qi, K-Y Chen, M Li and Y-Z Zhu*. **A novel dendritic mesoporous silica based sustained hydrogen sulfide donor for the alleviation of adjuvant-induced inflammation in rats.** *Drug Deliv.* 2021;28(1):1031-1042.
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 19. T-P Yin, J-G Lu, Q-H Liu, G-Y Zhu, W Zhang* and Z-H Jiang*. **Validated quantitative ¹H NMR method for simultaneous quantification of indole alkaloids in Uncaria rhynchophylla.** *ACS Omega.* 2021;6(47):31810-31817.
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 22. Y Yu, Y-M Pan, Z-Y Fan, S-L Xu, Z-Y Gao, Z-J Ren, J Yu, W Li, F-T Liu, J-T Gu, Y Yuan* and Z-M Du*. **LuHui derivative, A novel compound that inhibits the fat mass and obesity-associated (FTO), alleviates the inflammatory response and injury in hyperlipidemia-induced cardiomyopathy.** *Front Cell Dev Biol.* 2021;9:731365.
 23. Q-L Zeng, D-H Zou, Q-D Zeng, X-M Chen*, Y Wei* and R-M Guo*. **Association between insulin-like growth factor-1 rs35767 polymorphism and type 2 diabetes mellitus susceptibility: A meta-analysis.** *Front Genet.* 2021;12:774489.
 24. C Xiao, N-H-L Leung, Y-T Cheng, H Lei, S-M Ling, X Lin, R Tao, X-Z Huang, W-D Guan, Z-F Yang, B-J Cowling, M Zanin and S-S Wong*. **Seroprevalence of antibodies to SARS-CoV-2 in Guangdong province, China between March to June 2020.** *Pathogens.* 2021;10(11):1505.
 25. P-P Hou*, X-N Du* and H-L An*. **Ion channels: Therapeutic targets for neurological disease.** *Front Mol Neurosci.* 2021;14:797327.
 26. M-K Tiwari, P-S Coghi, P Agrawal, D-K Yadav, L-J Yang, C-L Qiu, D Sahal*, V-K-W Wong* and S Chaudhary*. **Novel halogenated arylvinyl-1,2,4 trioxanes as potent antiplasmodial as well as anticancer agents: Synthesis, bioevaluation, structure-activity relationship and in-silico studies.** *Eur J Med Chem.* 2021;224:113685.
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 29. C-R Wang, H-W Chen, Y Li, M-Y Zhou, V-K-W Wong, Z-H Jiang* and W Zhang*. **Network pharmacology exploration reveals anti-Apoptosis as a common therapeutic mechanism for non-alcoholic fatty liver disease treated with blueberry leaf polyphenols.** *Nutrients.* 2021;13(11):4060.

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36. B Tomlinson*, N-G Patil, M Fok and C-W-K Lam*. Managing dyslipidemia in patients with type 2 diabetes [Special Issue]. *Expert Opin Pharmacother.* 2021;22(16 SI):2221-2234.
37. W-J Wu, J-H Wang, C-X Xiao, Z-H Su, H-B Su, W Zhong, J-C Mao, X-H Liu* and Y-Z Zhu*. **SMYD2-mediated TRAF2 methylation promotes the NF- κ B signaling pathways in inflammatory diseases.** *Clin Transl Med.* 2021;11(11):e591.
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