

Published papers (2020)

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. L-Z Huang, X-Y Liu, Y-B Ou, H-F Huang, X Zhang, Y-Z Wang, Y Liang, X-X Yu, W-D Zheng, H-S Zhang and Z-D Li*. **Microengineered flexural post rings for effective blood sample fencing and high-throughput measurement of clot retraction force.** *ACS Sens.* 2020;5(12):3949-3955.
2. J-P-L Ng, P Coghi, B-Y-K Law, L Liu* and V-K-W Wong*. **The present and future synthetic strategies of structural modifications of sinomenine.** *Org Chem Front.* 2020;7(24):4089-4107.
3. G-L Chen, Y-B Xu, J-L Wu, N Li and M-Q Guo*. **Hypoglycemic and hypolipidemic effects of Moringa oleifera leaves and their functional chemical constituents.** *Food Chem.* 2020;333:127478.
4. Y-U Lv, Y-L Jun, Z Tang, X Li, M-Y Tao, Z-W Zhang, L Liu, S Sun, Q-L Wang, C Luo* and L Zhang*. **Enhanced antitumor efficacy of macrophage-mediated egg yolk lipid-derived delivery system against breast cancer.** *Int J Nanomedicine.* 2020;15:10075-10084.
5. A Osama, J-M Zhang, J Yao, X-J Yao* and J-G Fang*. **Nrf2: A dark horse in Alzheimer's disease treatment.** *Ageing Res Rev.* 2020;64:101206.
6. Y Li, Q-X Qu, M Wang, L-H Yu, J Wang, L-H Shen* and K-L He*. **Deep learning for digitizing highly noisy paper-based ECG records.** *Comput Biol Med.* 2020;127:104077.
7. R-M Liu, P Xu, Q Chen, S-L Feng and Y Xie*. **A multiple-targets alkaloid nuciferine overcomes paclitaxel-induced drug resistance in vitro and in vivo.** *Phytomedicine.* 2020;79:153342.
8. C-C Wong*, J-Y Xu, X-Q Bian, J-L Wu, W Kang, Y Qian, W-L Li, H-R Chen, H-Y Gou, D-B Liu, S-T-Y Luk, Q-M Zhou, F-F Ji, L-S Chan, S Shirasawa, J-J-Y Sung and J Yu*. **In colorectal cancer cells with mutant KRAS, SLC25A22-mediated glutaminolysis reduces DNA demethylation to increase WNT signaling, stemness, and drug resistance.** *Gastroenterology.* 2020;159(6):2163-2180.e6.
9. M-Z Zhu, D-M Lu, J Ouyang, F Zhou, P-F Huang, B-Z Gu, J-W Tang, F Shen, J-F Li, Y-L Li, H-Y Lin, J Li, X Zeng*, J-L Wu, S-X Cai, K-B Wang, J-A Huang and Z-H Liu*. **Tea consumption and colorectal cancer risk: a meta-analysis of prospective cohort studies.** *Eur J Nutr.* 2020;59(8):3603-3615.
10. H Huang, T-T Tong, L-F Yau, J-R Wang, M-H Lai, C-R Zhang, X-H Wen, S-N Li, K-Y Li, J-Q Liu, H-X Ma, B-K Tsang and Z-H Jiang*. **Chemerin isoform analysis in human biofluids using an LC/MRM-MS-based targeted proteomics approach with stable isotope-labeled standard.** *Anal Chim Acta.* 2020;1139:79-87.
11. Z-B Jiang, J-M Huang, Y-J Xie, Y-Z Zhang, C Chang, H-L Lai, W-J Wang, X-J Yao, X-X Fan, Q-B Wu, C Xie, M-F Wang* and E-L-H Leung*. **Evodiamine suppresses non-small cell lung cancer by elevating CD8⁺ T cells and downregulating the MUC1-C/PD-L1 axis.** *J Exp Clin Cancer Res.* 2020;39(1):249.
12. W Zeng, B-Y-K Law, V-K-W Wong, D-S-B Chan, S-W-F Mok, J-J-Y Gao, R-K-Y Ho, X Liang, J-H Li, M-T Lee, W-L Yoon, M-P Smolinski, J-Y-N Lau, C-W-K Lam* and M Fok*.

- HM30181A, a potent P-glycoprotein inhibitor, potentiates the absorption and in vivo antitumor efficacy of paclitaxel in an orthotopic brain tumor model.** *Cancer Biol Med.* 2020;17(4):986-1001.
13. **J-H Cai, N-S Hosmane, M Takagaki and Y-H Zhu*.** **Synthesis, molecular docking, and in vitro Boron neutron capture therapy assay of Carboranyl Sinomenine.** *Molecules.* 2020;25(20):4697.***
14. **D Yang, Q Wang, G Wei, J-X Wu, Y-C Zhu, Q Zhu, T Ni, X-H Liu and Y-Z Zhu*.** **Smyd3-PARP16 axis accelerates unfolded protein response and vascular aging.** *Aging.* 2020;12(21):21423-21445.
15. **Y-W Wang, S Tang, H-L Lai, R-Y Jin, X Long, N Li, Y-P Tang, H Guo*, X-J Yao* and E-L H Leung*.** **Discovery of novel IDH1 inhibitor through comparative structure-based virtual screening.** *Front Pharmacol.* 2020;11:579768.
16. **J-Z Zhang, X-Y Chen, Y-J Wu, L-M Li, L Huang, Q-Z Yin, P Luo* and Y Liu*.** **Identification of active compounds from Yi nationality herbal formula Wosi influencing COX-2 and VCAM-1 signaling.** *Front Pharmacol.* 2020;11:568585.
17. **G-P Li*, J-Y Wang, X He, L Zhang, Q Rang, A-Y Xiong, D-H Wu, L-J Hu, Q Song and D Zhu.** **An integrative analysis identifying transcriptional features and key genes involved in COVID-19.** *Epigenomics.* 2020;12(22):1969-1981.
18. **Y Guo*, E-H Hou, N-N Ma, Z-Y Liu, J-P Fan and R-G Yang*.** **Discovery, biological evaluation and docking studies of novel N-acyl-2-aminothiazoles fused (+)-nootkatone from Citrus paradisi Macf. as potential alpha-glucosidase inhibitors.** *Bioorg Chem.* 2020;104:104294.
19. **L-L-Y Kan, D-H Liu, B-C-L Chan, M-S-M Tsang, T-H Hou, P-C Leung, C-W-K Lam and C-K Wong*.** **The flavonoids of Sophora flavescensexerts anti-inflammatory activity via promoting autophagy of Bacillus Calmette-Guerin-stimulated macrophages.** *J Leukoc Biol.* 2020;108(5):1615-1629.
20. **Y-F He, Y-D Huang, C-T Mai, H-D Pan, H-B Luo, L Liu and Y Xie*.** **The immunomodulatory role of PDEs inhibitors in immune cells: therapeutic implication in rheumatoid arthritis.** *Pharmacol Res.* 2020;161:105134.
21. **W-J Wang, L-F Mao, H-L Lai, Y-W Wang, Z-B Jiang, W Li, J-M Huang, Y-J Xie, C Xu, P Liu, Y-M Li*, E-L-H Leung* and X-J Yao*.** **Dolutegravir derivative inhibits proliferation and induces apoptosis of non-small cell lung cancer cells via calcium signaling pathway.** *Pharmacol Res.* 2020;161:105129.
22. **F Zhu, R-J Guo, W Wang, Y-M Ju, Q Wang, Q-Y Ma, Q Sun, Y-J Fan, Y-Y Xie, Z Yang, Z-Y Jie, B-B Zhao, L Xiao, L Yang, T Zhang, B Liu, L-Y Guo, X-Y He, Y-C Chen, C Chen, C-G Gao, X Xu, H-M Yang, J Wang, Y-H Dang, L Madsen, S Brix, K Kristiansen*, H-J Jia* and X-C Ma*.** **Transplantation of microbiota from drug-free patients with schizophrenia causes schizophrenia-like abnormal behaviors and dysregulated kynurenine metabolism in mice.** *Mol Psychiatry.* 2020;25(11):2905-2918.
23. **H-T Liu, J-P Zheng, H-C Lai, B-F Hu, L Zhu, E-L-H Leung* and H Wei*.** **Microbiome technology empowers the development of traditional Chinese medicine.** *Sci China Life Sci.* 2020;63(11):1759-1761.
24. **Q-H Ma, R-F Li, W-Q Pan, W-B Huang, B Liu, Y-Q Xie, Z-L Wang, C-F Li, H-M Jiang, J-C Huang, Y-X Shi, J Dai, K Zheng, X-B Li, M Hui, L Fu and Z-F Yang*.** **Phillyrin (KD-1) exerts anti-viral and anti-inflammatory activities against novel coronavirus (SARS-CoV-2) and human coronavirus 229E (HCoV-229E) by suppressing the nuclear factor kappa B (NF-kappa B) signaling pathway.** *Phytomedicine.* 2020;78:153296.
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- Wong and M Zanin*. **SARS-CoV-2 environmental contamination associated with persistently infected COVID-19 patients.** *Influenza Other Respir Viruses.* 2020;14(6):688-699.
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27. T Xu, Z-Y Zheng, Y Guo* and L-P Bai*. **Semisynthesis of novel magnolol-based Mannich base derivatives that suppress cancer cells via inducing autophagy.** *Eur J Med Chem.* 2020;205:112663.
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31. P Zhu, J-Q Qian, Z-Y Xu, C Meng, J Liu, W-P Shan, W-Z Zhu, Y-J Wang, Y-M Yang, W Zhang, Y-N Zhang* and Y Ling*. **Piperlonguminine and Piperine analogues as TrxR inhibitors that promote ROS and autophagy and regulate p38 and Akt/mTOR signaling.** *J Nat Prod.* 2020;83(10):20341-3049.
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33. J-H Cai, N-S Hosmane, M Takagaki and Y-H Zhu*. **Synthesis, molecular docking, and in vitro Boron neutron capture therapy assay of Carboranyl Sinomenine.** *Molecules.* 2020;25(20):4697.
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39. E-L-H Leung* and S-W Xu*. **Traditional Chinese medicine in cardiovascular drug discovery.** *Pharmacol Res.* 2020;160:105168.
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45. Q-H Ma, M-S Qiu, H-X Zhou, J Chen, X Yang, Z-X Deng, L-P Chen, J-C Zhou, Y-P Liao, Q-M Chen, Q-W Zheng, L-H Cai*, L-H Shen* and Z-F Yang*. **The study on the treatment of Xuebijing injection (XBJ) in adults with severe or critical Corona Virus Disease 2019 and the inhibitory effect of XBJ against SARS-CoV-2.** *Pharmacol Res.* 2020;160:105073.
46. Y-F Huang, F He, Y Xie, L Liu* and H Zhou*. **ISO/TC 249 platform promotes the development of international standardization and trade for the Chinese medicines industry.** *Pharmacol Res.* 2020;160:105066.
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