

## 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 fencng 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<sup>+</sup> 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. 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.** *Ageing.* 2020;12(21):21423-21445.
14. 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**

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15. 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.
  16. 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.
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  19. 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.
  20. 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.
  21. 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.
  22. 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.
  23. 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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33. M Zhang, L-L Ye, H Huang, D-D Cheng, K-X Liu, W-B Wu, F-K Shen, Z-H Jiang, Y-Y Hou\* and G Bai\*. **Micelles self-assembled by 3-O-beta-D-glucopyranosyl latycodigenin enhance cell membrane permeability, promote antibiotic pulmonary targeting and improve anti-infective efficacy.** *J Nanobiotechnology.* 2020;18:140.
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