

Published papers (2018)

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-X Qiu, Y Dai, C Zhang, Y Yang, M Jin, W-Q Shan, J Shen, M Lu, Z-Y Tang, L Ju, Y-T Wang, R-N Jiao, Y-W Xia, G-M Huang, L-H Yang, Y Li*, J-P Zhang*, V-K-W Wong* and Z-H Jiang*. **Arsenic trioxide reverses the chemoresistance in hepatocellular carcinoma: a targeted intervention of 14-3-3/NF-B feedback loop.** *J Exp Clin Cancer Res.* 2018;37:321.
2. Y-Y Li, Y-T Liu, X Yan, Q Liu, Y-H Zhao* and D-W Wang*. **Pharmacological effects and mechanisms of Chinese medicines modulating NLRP3 inflammasomes in ischemic cardio/cerebral vascular disease.** *Am J Chin Med.* 2018;46(8):1727-17241.
3. Y-H Li, L-L Lu, L-P Wang, W Qu, W-Q Liu, Y-S Xie, H-M Zheng, Y Wang, X-X Qi, M Hu*, L-J Zhu* and Z-Q Liu*. **Interplay of efflux transporters with glucuronidation and its impact on subcellular aglycone and glucuronide disposition: A case study with Kaempferol.** *Mol Pharm.* 2018;15(12):5602-5614.
4. X-L Luo, D Yang, W-J Wu, F Long, C-X Xiao, M Qin, B-Y-K Law, R Suguro, X Xu, L-F Qu, X-H Liu* and Y-Z Zhu*. **Critical role of histone demethylase Jumonji domain-containing protein 3 in the regulation of neointima formation following vascular injury.** *Cardiovasc Res.* 2018;114(14):1894-1906.
5. D Tang*, J-X Zhu, H Nie, B He, Y-H Xu and Q Zhu*. **Simple and efficient approach for enrichment of major isoflavonoids from Astragalus membranaceus with macroporous resins and their nephroprotective activities.** *Ind Crops Prod.* 2018;125:276-283.
6. Q-W Zhang, J He, R-J Guo, Y Zhao, W-Q Zhang*, W Zhang, S-S Pang and Y Ding*. **Assembling highly coordinated Pt sites on nanoporous gold for efficient oxygen electroreduction.** *ACS Appl Mater Interfaces.* 2018;10(46):39705-39712.
7. W Sun, Y-O Chen, Y-R Wang*, P Luo, M Zhang, H-Y Zhang and P Hu*. **Interaction study of cancer cells and fibroblasts on a spatially confined oxygen gradient microfluidic chip to investigate the tumor microenvironment.** *Analyst.* 2018;143(22):5431-5437.
8. J-H Jiang, J Pi, H Jin and J-Y Cai*. **Functional graphene oxide as cancer-targeted drug delivery system to selectively induce oesophageal cancer cell apoptosis.** *Artif Cells Nanomed Biotechnol.* 2018;46(Suppl 3):S297-S307.
9. Y-H Zhu* and N-S Hosmane*. **Liquid-phase synthesis of Boron Isocyanates: Precursors to Boron nanoparticles.** *Angew Chem Int Ed Engl.* 2018;57(45):14888-14890.
10. P-Y Zheng, X-Q Bian, B-Q Sun and J-L Wu. **Poly-unsaturated fatty acids metabolomics study reveals childhood serum Hets levels closely related to glutathione peroxidases in allergic asthma.** *Respirology.* 2018;23(Suppl 2):216-217.
11. L Li, B-Q Sun, G Wu, P-Y Zheng and J-L Wu. **The characteristics of serum Hydroxy - Eicosatetraenoic acids in allergic bronchopulmonary aspergillosis.** *Respirology.* 2018;23(Suppl 2):59-60.
12. A Palleja, K-H Mikkelsen, S-K Forslund, A Kashani, K-H Allinm, T Nielsen, T-H Hansen, S-S Liang, Q Feng, C-C Zhang, P-T Pyl, L-P Coelho, H-M Yan, J Wang, A Tymas, M-F Nielsen, H-B Nielsen, P Bork, J Wang, T Vilsboll, T Hansen, F-K Knop*, M Arumugam* and O Pedersen*. **Recovery of gut microbiota of healthy adults following antibiotic exposure.** *Nat Microbiol.* 2018;3(11):1255-1265.

13. X-J Zhang, Z-W Yuan, C Qu, X-T Yu, T Huang, P-V Chen, Z-R Su, Y-X Dou, J-Z Wu, H-F Zeng*, Y Xie* and J-N Chen*. **Palmitine ameliorated murine colitis by suppressing tryptophan metabolism and regulating gut microbiota.** *Pharmacol Res.* 2018;137:34-46.
14. L Ting, F-G Yang, X-Y Meng, J-R Wang, R-K-T Kam, X Zeng, Z-Q Liu, H Zhou, F Yang, R-T Ren, K-S Liao and L Liu*. **Improvement of glucocorticoid-impaired thymus function by dihydromyricetin via up-regulation of PPAR gamma-associated fatty acid metabolism.** *Pharmacol Res.* 2018;137:76-88.
15. X-X Fan, H-D Pan, Y Li, R-J Guo, E-L-H Leung* and L Liu*. **Novel therapeutic strategy for cancer and autoimmune conditions: Modulating cell metabolism and redox capacity.** *Pharmacol Ther.* 2018;191:148-161.
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17. W-Y Wang, H Zhou and L Liu*. **Side effects of methotrexate therapy for rheumatoid arthritis: A systematic review.** *Eur J Med Chem.* 2018;158:502-516.
18. M-X Liu*, C Veryser, J-G Lu, T Wenseleers, W-M De Borggraeve, Z-H Jiang and W Luyten. **Bioassay-guided isolation of active substances from Semen Torreyae identifies two new anthelmintic compounds with novel mechanism of action.** *J Ethnopharmacol.* 2018;224:421-428.
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23. C-H Fang*, Q Ding, T Bi, X-X Xu, J-L Chen, X-M Zhu* and B-Y Geng*. **Plasmonic band tunable (Au Nanocrystal)/SnO₂ core/shell hybrids for photothermal therapy.** *Particle & Particle Syst Charact.* 2018;35(10):1800238.
24. J-H Ren, J-L Hu, S-T Cheng, H-B Yu, V-K-W Wong, B-Y-K Law, Y-F Yang, Y Huang, Y Liu, W-X Chen, X-F Cai, H Tang, Y Hu, W-L Zhang, X Liu, Q-X Long, L Zhou, N-N Tao, H-Z Zhou, Q-X Yang, F Ren, L He, R Gong, A-L Huang* and J Chen*. **SIRT3 restricts hepatitis B virus transcription and replication through epigenetic regulation of covalently closed circular DNA involving suppressor of variegation 3-9 homolog 1 and SET domain containing 1A histone methyltransferases.** *Hepatology.* 2018;68(4):1260-1276.
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27. X-Y Shen, D-P Qin, H Zhou, J-F Luo, Y-D Yao, C-K Lio, H-B Li, Y Dai*, Y Yu* and X-S Yao*. **Nardochinoids A-C, three dimeric sesquiterpenoids with specific fused-ring skeletons from Nardostachys chinensis.** *Org Lett.* 2018;20(18):5813-5816.

28. L-D Ma, Y-T Wang, J-R Wang, J-L Wu, X-S Meng, P Hu, X Mu, Q-L Liang* and G-A Luo*. **Design and fabrication of a liver-on-a-chip platform for convenient, highly efficient, and safe in situ perfusion culture of 3D hepatic spheroids.** *Lab Chip*. 2018;18(17):2547-2562.
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34. Y-Z Zhu*, W-J Wu, Q Zhu and X-H Liu*. **Discovery of Leonuri and therapeutical applications: From bench to bedside.** *Pharmacol Ther*. 2018;188:26-35.
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