

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 Hetes 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.
 16. **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.
 17. **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.
 18. **Y-H Ge, Y-Y Chen, G-S Zhou, X Liu, Y-P Tang*, R Liu, P Liu, N Li, J Yang, J Wang, S-J Yue, H-P Zhou and J-A Duan.** **A novel antithrombotic protease from marine worm Sipunculus Nudus.** *Int J Mol Sci.* 2018;19(10):3023.
 19. **X-Q Bian, N Li*, B-B Tan, B-Q Sun, M-Q Guo, G-X Huang, L Fu, W-W-L Hsiao, L Liu* and J-L Wu*.** **Polarity-tuning derivatization-LC-MS approach for probing global carboxyl-containing metabolites in colorectal cancer.** *Anal Chem.* 2018;90(19):11210-11215.
 20. **F Li, C Chen, W-X Wei, Z-R Wang, J-J Dai, L-L Hao, L-J Song, X-W Zhang, L-P Zeng, H Du, H-R Tang, N Liu, H-M Yang, J Wang, L Madsen, S Brix, K Kristiansen, X Xu, J-H Li, R-F Wu* and H-J Jia*.** **The metagenome of the female upper reproductive tract.** *Gigascience.* 2018;7(10):giv107.
 21. **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.
 22. **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.
 23. **G-J Yang, W-H Wang, S-W-F Mok, C Wu, B-Y-K Law, X-M Miao, K-J Wu, H-J Zhong, C-Y Wong, V-K-W Wong*, D-L Ma* and C-H Leung*.** **Selective inhibition of Lysine-specific Demethylase 5A (KDM5A) using a Rhodium(III) complex for triple-negative breast cancer therapy.** *Angew Chem Int Ed Engl.* 2018;57(40):13091-13095.
 24. **Y-J Ai, L Liu, C Zhang, L Qi, M-Q He, Z Liang, H-B Sun*, G-A Luo and Q-L Liang*.** **Amorphous flowerlike Goethite FeOOH Hierarchical supraparticles: Superior capability for catalytic hydrogenation of nitroaromatics in water.** *ACS Appl Mater Interfaces.* 2018;10(38):32180-32191.
 25. **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.
 26. **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.
 27. **Y-H Xu*, C-L Gao, H-L Guo, W-Q Zhang, W Huang, S-S Tang, W-J Gan, Y Xu, H Zhou and Q Zhu.** **Sodium butyrate supplementation ameliorates diabetic inflammation in db/db mice.** *J Endocrinol.* 2018;238(3):231-244.
 28. **C Zhang, K Zhang, F-F Huang, W-J Feng, J Chen, H-J Zhang, J-F Wang, P Luo and H Huang*.** **Exosomes, the message transporters in vascular calcification.** *J Cell Mol Med.*

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