

Published papers (2017)

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-L Li, Y-C Zhu, S-Y Zhou, X-L An, Y Zhang, Q-F Bai, Y-X He*, H-X Liu* and X-J Yao*. **Experimental and theoretical insights into the inhibition mechanism of Prion Fibrillation by resveratrol and its derivatives.** *ACS Chem Neurosci.* 2017;8(12):2698-2707.
2. Y Zhuo, J-L Wu, X-J Yan, M-Q Guo, N Liu, H Zhou, L Liu* and N Li*. **Strategy for hepatotoxicity prediction induced by drug reactive metabolites using human liver microsome and online 2D-Nano-LC-MS analysis.** *Anal Chem.* 2017;89(24):13167-13175.
3. X Chen, J-G Wang, Z-P Fu, B Zhu, J Wang, S-W Guan and Z-C Hua*. **Curcumin activates DNA repair pathway in bone marrow to improve carboplatin-induced myelosuppression.** *Sci Rep.* 2017;7(1):17724.
4. S-P Yang, X Zhai, P-P Hu, K-Y Wu, Z-H Jiang, L-P Bai, M-M Li and J-X Chen*. **Lanthanum-based metal-organic frameworks for specific detection of Sudan virus RNA conservative sequences down to single-base mismatch.** *Inorg Chem.* 2017;56(24):14880-14887.
5. Y Wang, Q-Y Zhang, L-J Zhong, M-S Lin, X-L Luo, S-Y Liu, P Xu, X-H Liu and Y-Z Zhu*. **Apoptotic protease activating factor-1 inhibitor mitigates myocardial ischemia injury via disturbing Procaspase-9 recruitment by Apaf-1.** *Oxid Med Cell Longev.* 2017;2017:9747296.
6. J Li*, K Dastmalchi, L-S Qing and P Luo. **Discovery and biological evaluation of natural Phenolic antioxidants.** *Oxid Med Cell Longev.* 2017;2017:2649129.
7. H Jin, J Pi, Y Zhao, J-H Jiang, T Li, X-Y Zeng, P-H Yang, C-E Evans* and J-Y Cai*. **EGFR-targeting PLGA-PEG nanoparticles as a curcumin delivery system for breast cancer therapy.** *Nanoscale.* 2017;9(42):16365-16374.
8. L-F Huang, Y Dong, J-L Wu, P-X Wang, H Zhou, T Li* and L Liu*. **Sinomenine-induced histamine release-like anaphylactoid reactions are blocked by tranilast via inhibiting NF-kappa B signaling.** *Pharmacol Res.* 2017;125(Pt B):150-160.
9. S-Y Zhou, X-W Liu, X-L An, X-J Yao and H-X Liu*. **Molecular dynamics simulation study on the binding and stabilization mechanism of Antiprion compounds to the "Hot Spot" region of PrPC.** *ACS Chem Neurosci.* 2017;8(11):2446-2456.
10. Y-X Chen, M-Y Xu, H-J Li, K-J Zeng, W-Z Ma, G-B Tian, J Xu, D-P Yang and W-J Lan*. **Diverse secondary metabolites from the marine-derived fungus *Dichotomomyces cejpji* F31-1.** *Mar Drugs.* 2017;15(11):339.
11. X-C Ren, L Chen, J Xie, Z-F Zhang, G-T Dong, J Liang, L Liu, H Zhou* and P Luo*. **Resveratrol ameliorates mitochondrial elongation via Drp1/Parkin/PINK1 signaling in senescent-like cardiomyocytes.** *Oxid Med Cell Longev.* 2017;2017:4175353.
12. W Guo, H-K Zhu, Z-J Wang, J-A Chen, J Wu, Y-Z Zhu and X-F Gu*. **Novel rhynchophylline analogues as microvascular relaxation agents for the treatment of microvascular dysfunction caused by diabetes.** *Eur J Med Chem.* 2017;139:657-664.

13. C Chen, X-L Song, W-X Wei, H-Z Zhong, J-J Dai, Z Lan, F Li, X-L Yu, Q Feng, Z-R Wang, H-L Xie, X-M Chen, C-W Zeng, B Wen, L-P Zeng, H Du, H-R Tang, C-L Xu, Y Xia, H-H Xia, H-M Yang, J Wang, J Wang, L Madsen, S Brix, K Kristiansen, X Xu, J-H Li*, R-F Wu* and H-J Jia*. **The microbiota continuum along the female reproductive tract and its relation to uterine-related diseases.** *Nat Commun.* 2017;8(1):875.
14. H Zhou, J-X Liu, J-F Luo, C-S Cheng, E-L-H Leung, Y Li, X-H Su, Z-Q Liu, T-B Chen, F-G Duan, Y Dong, Y-H Zuo, C Li, C-K Lio, T Li, P Luo, Y Xie, X-J Yao, P-X Wang and L Liu*. **Suppressing mPGES-1 expression by sinomenine ameliorates inflammation and arthritis.** *Biochem Pharmacol.* 2017;142:133-144.
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20. G-X Huang, I Khan, X-A Li, L Chen, W-K Leong, L-T Ho and W-W-L Hsiao*. **Ginsenosides Rb3 and Rd reduce polyps formation while reinstate the dysbiotic gut microbiota and the intestinal microenvironment in Apc^{Min/+} mice.** *Sci Rep.* 2017;7(1):12552.
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22. Z-J Wang, J Wu, W Guo* and Y-Z Zhu*. **Atherosclerosis and the hydrogen sulfide signaling pathway - Therapeutic approaches to disease prevention.** *Cell Physiol Biochem.* 2017;42(3):859-875.
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28. W Jian, B-W Yan, S-M Huang and Y Qiu*. **Histone deacetylase 1 activates PU.1 gene transcription through regulating TAF9 deacetylation and transcription factor IID assembly.** *FASEB J.* 2017;31(9):4104-4116.
29. J Wu, Z-J Wang, W Guo and Y-Z Zhu. **Gp130-mediated STAT3 activation by S-propargyl-cysteine, an endogenous hydrogen sulfide initiator, prevents doxorubicin-induced cardiotoxicity.** *Biochem Pharmacol.* 2017;139(SI):122-122(O39).
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