

## Published papers (2016)

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. J-N Mi, Y-W Han, Y-Q Xu, J-P Kou, J-R Wang\* and Z-H Jiang\*. **New immunosuppressive Sphingoid base and Ceramide analogues in wild Cordyceps**. *Sci Rep*. 2016;6:38641.
2. G-L Chen, Y-Q Tian, J-L Wu, N Li and M-Q Guo\*. **Antiproliferative activities of Amaryllidaceae alkaloids from Lycoris radiata targeting DNA topoisomerase I**. *Sci Rep*. 2016;6:38284.
3. Q Liu, A-H Zhang, L Wang, G-L Yan, H-W Zhao, H Sun, S-Y Zou, J-W Han, C-W Ma, L Kong, X-H Zhou, Y Nan and X-J Wang\*. **High-throughput chinmedomicsbased prediction of effective components and targets from herbal medicine AS1350**. *Sci Rep*. 2016;6:38437.
4. X-M Zhu\*, H-Y Wan, H-L Jia, L Liu and J-F Wang\*. **Porous Pt nanoparticles with high near-infrared Photothermal conversion efficiencies for Photothermal therapy**. *Adv Healthc Mater*. 2016;5(24):3165-3172.
5. W-J Wu, W-W Jia, X-H Liu\*, L-L Pan, Q-Y Zhang, D Yang, X-Y Shen, L Liu and Y-Z Zhu\*. **S-propargyl-cysteine attenuates inflammatory response in rheumatoid arthritis by modulating the Nrf2-ARE signaling pathway**. *Redox Biol*. 2016;10:157-167.
6. Z-Y Huang, Q-J Huang, L-Y Ji, Y Wang, X-X Qi, L Liu, Z-Q Liu\* and L-L Lu\*. **Epigenetic regulation of active Chinese herbal components for cancer prevention and treatment: A follow-up review**. *Pharmacol Res*. 2016;114:1-12.
7. Y-T Bai and Q-H Sun\*. **Fine particulate matter air pollution and atherosclerosis: Mechanistic insights**. *Biochim Biophys Acta*. 2016;1860(12):2863-2868.
8. H Fang, A-H Zhang, J-B Yu, L Wang, C Liu, X-H Zhou, H Sun, Q Song and X-J Wang\*. **Insight into the metabolic mechanism of scoparone on biomarkers for inhibiting Yanghuang syndrome**. *Sci Rep*. 2016;6:37519.
9. L-J Liu, W-H Wang, T-S Kang, J-X Liang, C-F Liu, D-W-J Kwong, V-K-W Wong, D-L Ma\* and C-H Leung\*. **Antagonizing STAT5B dimerization with an osmium complex**. *Sci Rep*. 2016;6:36044.
10. J-R Guo, Q-Q Chen, C-W-K Lam, C-Y Wang, V-K-W Wong, Z-F Chang and W Zhang\*. **Profiling ribonucleotide and deoxyribonucleotide pools perturbed by gemcitabine in human non-small cell lung cancer cells**. *Sci Rep*. 2016;6:37250.
11. X-H Su, Q-C Huang, J-Y Chen, M-J Wang, H-D Pan, R Wang, H Zhou, Z-Q Zhou, J Liu, F Yang, T Li\* and L Liu\*. **Calycosin suppresses expression of pro-inflammatory cytokines via the activation of p62/Nrf2-linked heme oxygenase 1 in rheumatoid arthritis synovial fibroblasts**. *Pharmacol Res*. 2016;113(Pt A):695-704.
12. C-C Wong\*, Y Qian, X-N Li, J-Y Xu, W Kang, J-H Tong, K-F To, Y Jin, W-L Li, H-R Chen, M-Y-Y Go, J-L Wu, K-W Cheng, S-S-M Ng, J-J-Y Sung, Z-W Cai and J Yu\*. **SLC25A22 promotes proliferation and survival of colorectal cancer cells with KRAS mutations and xenograft tumor progression in mice via intracellular synthesis of aspartate**. *Gastroenterology*. 2016;151(5):945-960.e6.
13. J Yu\*, Y Zhang, E-L-H Leung, L Liu, F Yang and X-J Yao\*. **Efficacy and safety of angiogenesis inhibitors in advanced gastric cancer: a systematic review and meta-analysis**. *J Hematol Oncol*. 2016;9(1):111.

14. M-H Chen, X-S Wang, D-L Zha, F-F Cai, W-J Zhang, Y He, Q-L Huang, H-Q Zhuang\* and Z-C Hau\*. **Apigenin potentiates TRAIL therapy of non-small cell lung cancer via upregulating DR4/DR5 expression in a p53-dependent manner.** *Sci Rep.* 2016;6:35468.
15. J-X Li, J Matsumoto, L-P Bai, A Murata, C Dohno and K Nakatani\*. **A ligand that targets CUG trinucleotide repeats.** *Chem European J.* 2016;22(42):14881-14889.
16. H Huang, T-T Tong, L-F Yau, C-Y Chen, J-N Mi, J-R Wang\* and Z-H Jiang\*. **LC-MS based sphingolipidomic study on A2780 human ovarian cancer cell line and its taxol-resistant strain.** *Sci Rep.* 2016;6:34684.
17. L-H Peng\*, Y-F Huang, C-Z Zhang, J Niu, Y Chen, Y Chu, Z-H Jiang, J-Q Gao\* and Z-W Mao\*. **Integration of antimicrobial peptides with gold nanoparticles as unique non-viral vectors for gene delivery to mesenchymal stem cells with antibacterial activity.** *Biomaterials.* 2016;103:137-149.
18. Z-J Wang, R Ravula, L-M Shi, Y-J Song, S Yeung, M Liu, B Lau, J-J Hao, J Wang, C-W-K Lam, M-S-S Chow\* and Y Huang\*. **Overcoming chemoresistance in prostate cancer with Chinese medicine *Tripterygium wilfordii* via multiple mechanisms.** *Oncotarget.* 2016;7(38):61246-61261.
19. T Yi\*, L Zhu, G-Y Zhu, Y-N Tang, J Xu, J-Y Fan, Z-Z Zhao and H-B Chen\*. **HSCCC-based strategy for preparative separation of in vivo metabolites after administration of an herbal medicine: *Saussurea laniceps*, a case study.** *Sci Rep.* 2016;6:33036.
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21. Y Li, V-P Schulz, C-W Deng, G-Y Li, Y Shen, B-K Tusi, G-N Ma, J Stees, Y Qiu, L-A Steiner, L Zhou, K-J Zhao, J Bungert, P-G Gallagher\* and S-M Huang\*. **Setd1a and NURF mediate chromatin dynamics and gene regulation during erythroid lineage commitment and differentiation.** *Nucleic Acids Res.* 2016;44(15):7173-7188.
22. V-K-W Wong, B-Y-K Law, X-J Yao, X Chen, S-W Xu, L Liu\* and E-L-H Leung\*. **Advanced research technology for discovery of new effective compounds from Chinese herbal medicine and their molecular targets.** *Pharmacol Res.* 2016;111:546-555.
23. J-X Liu, J-S Tang, Y-H Zuo, Y Yu, P Luo, X-S Yao, Y Dong, P-X Wang, L Liu\* and H Zhou\*. **Stauntonoside B inhibits macrophage activation by inhibiting NF-kappa B and ERK MAPK signaling.** *Pharmacol Res.* 2016;111:303-315.
24. L-F Huang, J Pi, J-L Wu, H Zhou, J-Y Cai, T Li\* and L Liu\*. **A rapid and sensitive assay based on particle analysis for cell degranulation detection in basophils and mast cells.** *Pharmacol Res.* 2016;111:374-383.
25. J Wu, W Guo, S-Z Lin, Z-J Wang, J-T Kan, S-Y Chen and Y-Z Zhu\*. **Gp130-mediated STAT3 activation by S-propargyl-cysteine, an endogenous hydrogen sulfide initiator, prevents doxorubicin-induced cardiotoxicity.** *Cell Death Dis.* 2016;7(8):e2339.
26. K-H Chen, M Wada, A-E Firor, K-G Pinz, A Jares, H Liu, H Salman, M Golightly, F-S Lan, X Jiang\* and Y-P Ma\*. **Novel anti-CD3 chimeric antigen receptor targeting of aggressive T cell malignancies.** *Oncotarget.* 2016;7(35):56219-56232.
27. L Miao, X-Y Shen\*, M Whiteman, H Xia, Y-Q Shen, X-M Xin, P-K Moore and Y-Z Zhu\*. **Hydrogen sulfide mitigates myocardial infarction via promotion of mitochondrial biogenesis-dependent M2 polarization of macrophages.** *Antioxid Redox Signal.* 2016;25(5):268-281.
28. C-K Wong, I-M-T Chu, M-S-M Tsang, K-L Hon and C-W-K Lam. **Aberrant expression of neutrophil alpha-defensins and pattern recognition receptor NOD2 and TLR2 of basophils in atopic dermatitis.** *Allergy.* 2016;71(Suppl 102):300(Poster588).

29. [S-L Feng](#), [Z-W Yuan](#), [X-J Yao](#), [W-Z Ma](#), [L Liu](#), Z-Q Liu and [Y Xie\\*](#). **Tangeretin, a citrus pentamethoxyflavone, antagonizes ABCB1-mediated multidrug resistance by inhibiting its transport function.** *Pharmacol Res.* 2016;110:193-204 & 2016;111:545-545..
30. [H Jin](#), [J Pi](#), [F Yang](#), [J-H Jiang](#), X-P Wang, H-H Bai, M-T Shao, L Huang, H-Y Zhu, P-H Yang, L-H Li, [T Li](#), [J-Y Cai\\*](#) and Z-W Chen\*. **Folate-chitosan nanoparticles loaded with ursolic acid confer anti-breast cancer activities in vitro and in vivo.** *Sci Rep.* 2016;6:30782.
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33. [C-L Wei](#), J-L Cheng, B Zhou, L Zhu, M-A Khan, T He, S-F Zhou, J He, X-L Lu, H-C Chen, D-Z Zhang, Y-X Zhao\* and J-J Fu\*. **Tripartite motif containing 28 (TRIM28) promotes breast cancer metastasis by stabilizing TWIST1 protein.** *Sci Rep.* 2016;6:29822.
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37. J Huang, [X-X Fan](#), J-X He, H Pan, [R-Z Li](#), L-Y Huang, [Z-B Jiang](#), [X-J Yao](#), [L Liu](#), [E-L-H Leung\\*](#) and J-X He\*. **SCD1 is associated with tumor promotion, late stage and poor survival in lung adenocarcinoma.** *Oncotarget.* 2016;7(26):39970-39979.
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45. W-C-S Tai, W-Y Wong, M-M-L Lee, B-D Chan, C Lu and W-W-L Hsiao\*. **Mechanistic study of the anti-cancer effect of Gynostemma pentaphyllum saponins in the Apc<sup>Min/+</sup> mouse model.** *Proteomics*. 2016;16(10):1557-1569.
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