

## 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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).
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27. 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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29. L Zhu, L-L Lu, X-S Yang, M Zhao, F-F Luo, Y Wang, M Hu, F-Y Zhou, L Liu and Z-Q Liu. **Paclitaxel metabolism via cyp2c8/3a4 was significantly reduced in hepatocellular carcinoma patient's liver tumor tissue.** *Drug Metab Rev.* 2016;48(Suppl 1):48-48.
30. 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.
31. J-X Li, A Sakata, H-P He, L-P Bai, A Murata, C Dohno and K Nakatani\*. **Naphthyridine-Benzoazaquinolone: Evaluation of a tricyclic system for the binding to (CAG)(n) repeat DNA and RNA.** *Chem Asian J.* 2016;11(13):1971-1981.
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38. D-B Pan, Y-Z Niu, W-W Xue, Q-F Bai, H-X Liu and X-J Yao\*. **Computational study on the drug resistance mechanism of hepatitis C virus NS5B RNA-dependent RNA polymerase mutants to BMS-791325 by molecular dynamics simulation and binding free energy calculations.** *Chemometr Intell Lab Syst.* 2016;154:185-193.
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45. V-K-W Wong, H Dong, X Liang, L-P Bai, Z-H Jiang, Y Guo, A-N-T Kong, R Wang, R-K-T Kam, B-Y-K Law, W-W-L Hsiao, K-M Chan, J-R Wang, R-W-K Chan, J-R Guo, W Zhang, F-G Yen, H Zhou, E-L-H Leung, Z-L Yu and L Liu\*. **Rh2E2, a novel metabolic suppressor, specifically inhibits energy-based metabolism of tumor cells.** *Oncotarget.* 2016;7(9):9907-9924.
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