

## Published papers (2018)

: 4 15%

**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-** . -

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\*. **Palmitate 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. J Wu, Z-J Wang, W Guo and Y-Z Zhu. **STAT3 regulation of Cystathionine gamma-lyase confers promising therapy of Anthracycline Cardiomyopathy to an endogenous hydrogen sulfide donor S-Propargyl-Cysteine.** *J Am Coll Cardiol.* 2018;72(16 Suppl):C81-C81
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 Verysers, 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.
19. 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.
20. 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.
21. 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.
22. D Wu, Q-X Hu, B Tan, P Rose D-Q Zhu\* and Y-Z Zhu\*. **Amelioration of mitochondrial dysfunction in heart failure through S-sulphydration of Ca<sup>2+</sup>/calmodulin-dependent protein kinase II.** *Redox Biol.* 2018;19:250-262.
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)/SnO<sub>2</sub> 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.
25. 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.
26. 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.
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.
29. 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.
30. 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*. 2018;22(9):4024-4033.
31. H Chai, Y Liang\*, S Wang and H-W Shen. **A novel logistic regression model combining semi-supervised learning and active learning for disease classification.** *Sci Rep*. 2018;8:13009.
32. J-N Mi, Y-W Han, Y-Q Xu, J-P Kou, W-J Li, J-R Wang\* and Z-H Jiang\*. **Deep profiling of immunosuppressive glycosphingolipids and sphingomyelins in wild Cordyceps.** *J Agric Food Chem*. 2018;66(34):8991-8998.
33. H-C Luo, F Wang, J Zha, H-L Li, B-W Yan, Q-H Du, F-C Yang, A Sobh, C Vulpe, L Drusbosky, C Cogle, I Chepelev, B Xu, S-D Nimer, J Licht, Y Qiu, B-A Chen\*, M-J Xu\* and S-M Huang\*. **CTCF boundary remodels chromatin domain and drives aberrant HOX gene transcription in acute myeloid leukemia.** *Blood*. 2018;132(8):837-848.
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.
35. Y-D Wen\*, H Wang and Y-Z Zhu\*. **The drug developments of hydrogen sulfide on cardiovascular disease.** *Oxid Med Cell Longev*. 2018;2018:4010395.
36. J-R Wang, W-N Gao, R Grimm, S-B Jiang, Y Liang, H Ye, Z-G Li, L-F Yau, H Huang, J Liu, M Jiang, Q Meng, T-T Tong, H-H Huang, S Lee, X Zeng, L Liu\* and Z-H Jiang\*. **Reply to 'Trace N-glycans including sulphated species may originate from various plasma glycoproteins and not necessarily IgG'.** *Nat Commun*. 2018;9(1):2915.
37. K-N Chen, Q-Y Zhao, X-F Li, J Zhao, P-Q Li, S-C Lin, H-W Wang, J-J Zang, Y Xiao, W-H Xu, F-X Chen and Y Gao\*. **Dietary fiber intake and endometrial cancer risk: A systematic review and meta-analysis.** *Nutrients*. 2018;10(7):945.
38. J Wang, G-C Li, L-L Yu, T-T Mo, Q-B Wu\* and Z Zhou. **Aidi injection plus platinum-based chemotherapy for stage IIIB/IV non-small cell lung cancer: A meta-analysis of 42 RCTs following the PRISMA guidelines.** *J Ethnopharmacol*. 2018;221:137-150.
39. Y Zhang, H-M Tang, X-F Yuan, Q Ran, X-Y Wang, Q Song, L Zhang, Y-H Qui and X Wang\*. **TGF-beta 3 promotes MUC5AC hyper-expression by modulating autophagy pathway in airway epithelium.** *EBioMedicine*. 2018;33:242-252.
40. P Rose\*, P-K Moore and Y-Z Zhu. **Garlic and gaseous mediators.** *Trends Pharmacol Sci*. 2018;39(7):624-634.
41. W-W Jia, W-J Wu, D Yang, C-X Xiao, Z-H Su, Z Huang, Z-Z Li, M Qin, M-W Huang, S-Y Liu, F Long, J-C Mao, X-H Liu\* and Y-Z Zhu\*. **Histone demethylase JMJD3 regulates fibroblast-like synoviocyte-mediated proliferation and joint destruction in rheumatoid arthritis.** *FASEB J*. 2018;32(7):4031-4042.
42. V Sundaresan, Y Li, B DiCiaccio, V-T Lin, A-A-A Higaki, N-F Pelletier, J-T Cheung and L Zhou. **Elucidating the factors determining P53 binding and transcriptomic response to DNA damage.** *Cancer Res*. 2018;78(Suppl 13):5367.
43. X Chen, C Xie, X-X Fan, Z-B Jiang, V-K-W Wong, J-H Xu, X-J Yao, L Liu and E-L-H Leung. **Novel direct AMPK activator suppresses non-small cell lung cancer through inhibition of lipid metabolism.** *Cancer Res*. 2018;78(Suppl 13):1674
44. S-G He, R-L Ou, W-S Wang, L-Y Ji, H Gao, Y-F Zhu, X-M Liu, H-M Zheng, Z-Q Liu, P Wu\* and L-L Liu\*. **Camptosorus sibiricus rupr aqueous extract prevents lung tumorigenesis via dual effects against ROS and DNA damage.** *J Ethnopharmacol*. 2018;220:44-56.

45. J Zhu, J Dong, L Ji, P-Y Jiang, T-F Leung, D-H Liu, L-G Ng, M-S-M Tsang, D-L Jiao, C-W-K Lam and C-K Wong\*. **Anti-allergic inflammatory activity of Interleukin-37 is mediated by novel signaling cascades in human eosinophils.** *Front Immunol.* 2018;9:1445.
46. X Liu, J Fu, X-J Yao, J Yang, L Liu, T-G Xie, P-C Jiang, Z-H Jiang\* and G-Y Zhu\*. **Phenolic constituents isolated from the twigs of Cinnamomum cassia and their potential neuroprotective effects.** *J Nat Prod.* 2018;81(6):1333-1342.
47. R-Z Li, X-X Fan, F-G Duan, Z-B Jiang, H-D Pan, L-X Luo, Y-L Zhou, Y Li, Y-J Yao, X-J Yao, E-L-H Leung\* and L Liu\*. **Proscillaridin A induces apoptosis and suppresses non-small-cell lung cancer tumor growth via calcium-induced DR4 upregulation.** *Cell Death Dis.* 2018;9(6):696.
48. H-J Yu, C Yuan, R-E Westenbroek and W-A Catterall\*. **The AKAP Cypher/Zasp contributes to beta-adrenergic/PKA stimulation of cardiac Ca(v)1.2 calcium channels.** *J Gen Physiol.* 2018;150(6):883-889.
49. J-L Wu, X-Q Bian, N Li and W-W-L Hsiao. **Innovative mass spectrometry probe via polarity-reversal derivatization for mapping global carboxyl-containing metabolites in colorectal cancer human serum.** *Gut.* 2018;67(Suppl 2):A5-A6.
50. J-C Petrov, M Wada\*, K-G Pinz, L-L-E Yan, K-H Chen, X Shuai, H Liu, X Chen, E-L-H Leung, H Salman, N Hagag, F Liu, X Jiang, Y-P Ma\*. **Compound CAR T-cells as a double-pronged approach for treating acute myeloid leukemia.** *Leukemia.* 2018;32(6):1317-1326.
51. X-Y Liu, K-Y Yang, M-Q Wang, J-S-L Kwok, X Zeng, Z-Y Yang, X-J Xiao, C-P-Y Lau, Y Li, Z-M Huang, J-G Ba, A K-Y Yim, C-Y Ouyang, S-M Ngai, T-F Chan, E-L-H Leung, L Liu, Z-G Liu\* and S-K-W Tsui\*. **High-quality assembly of Dermatophagoides pteronyssinus genome and transcriptome reveals a wide range of novel allergens.** *J Allergy Clin Immunol.* 2018;141(6):2268-2271.e8.
52. D Yang, C-X Xiao, F Long, Z-H Su, W-W Jia, M Qin, M-W Huang, W-J Wu, R Suguro, X-H Liu\* and Y-Z Zhu\*. **HDAC4 regulates vascular inflammation via activation of autophagy.** *Cardiovasc Res.* 2018;114(7):1016-1028.
53. A-H Zhang, J-B Yu, H Sun, L Kong, X-Q Wang, Q-Y Zhang and X-J Wang\*. **Identifying quality-markers from Shengmai San protects against transgenic mouse model of Alzheimer's disease using chinmedomics approach.** *Phytomedicine.* 2018;45:84-92.
54. B-M Huang, Q-L Zha, T-B Chen, S-Y Xiao, Y Xie, P Luo, Y-P Wang, L Liu and H Zhou\*. **Discovery of markers for discriminating the age of cultivated ginseng by using UHPLC-QTOF/MS coupled with OPLS-DA.** *Phytomedicine.* 2018;45:8-17.
55. C-X Liu\*, L Liu and D-A Guo. **Quality marker of TCMS: concept and applications.** *Phytomedicine.* 2018;44:85-96.
56. B-W Liu, C Luo, Z-G Zheng, Z-Y Xia, Q Zhang, C-C Ke, R-S Liu and Y-H Zhao\*. **Shengui Sansheng San extraction is an angiogenic switch via regulations of AKT/mTOR, ERK1/2 and Notch1 signal pathways after ischemic stroke.** *Phytomedicine.* 2018;44:20-31.
57. C-X Liu\*, D-A Guo and L Liu. **Quality transitivity and traceability system of herbal medicine products based on quality markers.** *Phytomedicine.* 2018;44:247-257.
58. T-B Chen, Y-H Zuo, G-T Dong, L Liu and H Zhou\*. **An integrated strategy for rapid discovery and identification of quality markers in Guanxin Kangtai preparation using UHPLC-TOF/MS and multivariate statistical analysis.** *Phytomedicine.* 2018;44:239-246.
59. J-J Wu, Z-Z Guo, Y-F Zhu, Z-J Huang, X Gong, Y-H Li, W-J Son, X-Y Li, Y-M Lou, L-J Zhu, L-L Lu, Z-Q Liu\* and L Liu\*. **A systematic review of pharmacokinetic studies on herbal drug Fuzi: Implications for Fuzi as personalized medicine.** *Phytomedicine.* 2018;44:187-203.

60. J-J Wu, Y-F Zhu, Z-Z Guo, Y-M Lou, S-G He, Y Guan, L-J Zhu, Z-Q Liu, L-L Lu\* and L Liu\*. **Aconitum alkaloids, the major components of Aconitum species, affect expression of multidrug resistance-associated protein 2 and breast cancer resistance protein by activating the Nrf2-mediated signaling pathway.** *Phytomedicine*. 2018;44:87-97.
61. H-D Pan, R-J Guo, J Zhou, Q WD

- Cannabis sativa.** *J Org Chem.* 2018;83(4):2376-2381.
76. E-L-H Leung, L-X Luo, Z-Q Liu, V-K-W Wong, L-L Lu, Y Xie, N Zhang, Y-Q Qu, X-X Fan, Y Li, M Huang, D-K Xiao, J Huang, Y-L Zhou, J-X He, J Ding, X-J Yao\*, D-C Ward\* and L Liu\*. **Inhibition of KRAS-dependent lung cancer cell growth by deltarasin: blockage of autophagy increases its cytotoxicity.** *Cell Death Dis.* 2018;9(2):216.
77. X-X Fan, E-L-H Leung, Y Xie, Z-Q Liu, Y-F Zheng, X-J Yao, L-L Lu, J-L Wu, J-X He, Z-W Yuan, J-J Fu, C-L Wei, J Huang, D-K Xiao, L-X Luo, Z-B Jiang, Y-L Zhou, R-K-T Kam and L Liu\*. **Suppression of Lipogenesis via reactive oxygen species-AMPK signaling for treating malignant and proliferative diseases.** *Antioxid Redox Signal.* 2018;28(5):339-357.
78. D Tang, Y-B Shen, Z-H Wang, B He, Y-H Xu, H Nie\* and Q Zhu\*. **Rapid analysis and guided isolation of Astragalus Isoflavonoids by UHPLC-DAD-MSn and their cellular antioxidant defense on high-glucose-induced Mesangial cell dysfunction.** *J Agric Food Chem.* 2018;66(5):1105-1113.
79. S Zhu, D-Y Zhao, L Yan, W-H Jiang, J-S Kim, B-N Gu, Q-P Liu, R Wang, B Xia, J-C Zhao, G Song, W-Y Mi, R-F Wang, X-B Shi, H-M Lam, X-S Dong, J-D Yu, K-F Chen\* and Q Cao\*. **BMI1 regulates androgen receptor in prostate cancer independently of the polycomb repressive complex 1.** *Nat Commun.* 2018;9(1):500.
80. A-T-Y Wan, X-Y Liu, K-Y Yang, M-Q Wang, J-S-L Kwok, X Zeng, Z-Y Yang, X-J Xiao, C-P-Y Lau, Y Li, Z-M Huang, J-G Ba, A-K-Y Yim, C-Y Ouyang, S-M Ngai, T-F Chan, E-L-H Leung, L Liu, Z-G Liu and S-K-W Tsui. **High-quality assembly of Dermatophagoides pteronyssinus genome and transcriptome reveals a wide range of novel allergens.** *J Allergy Clin Immunol.* 2018;141(2S):AB286-AB286.
81. L-W-C Chow\*, S Morita, C-Y-C Chow, W-K Ng and M Toi. **Neoadjuvant palbociclib on ER plus breast cancer (N007): clinical response and EndoPredict's value.** *Endocr Relat Cancer.* 2018;25(2):123-130.
82. K-H Chen, M Wada, K-G Pinz, H Liu, X Shuai, X Chen, L-E Yan, J-C Petrov, H Salman, L Senzel, E-L-H Leung, X Jiang\* and Y-P Ma\*. **A compound chimeric antigen receptor strategy for targeting multiple myeloma.** *Leukemia.* 2018;32(2):402-412.
83. Z-W Yuan, Y-Z Li, Z-Q Liu, S-L Feng, H Zhou, C-X Liu, L Liu\* and Y Xie\*. **Role of tangeretin as a potential bioavailability enhancer for silybin: Pharmacokinetic and pharmacological studies.** *Pharmacol Res.* 2018;128:153-166.
84. X-H Su, T Li, Z-Q Liu, Q-C Huang, K-S Liao, R-T Ren, L-L Lu, X-X Qi, M-J Wang, J-Y Chen, H Zhou, E-L-H Leung, H-D Pan, J Liu, H Wang, L-F Huang and L Liu\*. **Licochalcone A activates Keap1-Nrf2 signaling to suppress arthritis via phosphorylation of p62 at serine 471.** *Cell Death Dis.* 2018;9(11):471-483.
85. D-P Qin, D-B Pan, W Xiao, H-B Lo, B Yang, X-J Yao, Y Dai, Y Yu\* and X-S Yao\*. **Dimethylcadinate from Artemisia annua.** *Org Lett.* 2018;20(2):453-456.
86. T-J Khan, Y-M Ahmed, M-A Zamzami, A Mohamed, I Khan, O-A-S Baothman, M-G Manna and M Yasir. **Effect of atorvastatin on the gut microbiota of high fat diet-induced hypercholesterolemic mice.** *Sci Rep.* 2018;8(1):1562.
87. S Herfst\*, C-K-P Mok, J-M-A van den Brand, I Spronken, Z-F Yang, D de Meulder, P Lexmond, T-M Bestebroer, S-M Peiris, R-A-M Fouchier and M **Human influenza A/H5N6 virus reassortment in ferrets.** *Science.* 2018;360(6401):e00405-17.
88. P-I Costea, J Blaser, F-D Bushman, W-M de Vos, D J Kasper, M Hattori, C Huttenhower, B Jeffery, D Lewis, Hildebrandt, Ley, H O'Connell, P O'Toole, C Quintana, D Relman, F Shanahan, J Wang, G-M Weinstock, G Wu, G Zeller, L-P Zhao, J Raes\*, **Enterotypes in the human gut.** *Nat Microbiol.* 2018;3(1):8-16.
89. L-Y Xia, Y-W Wang, D-Y Meng, X-J Yao, H Chai and Y Liang\*. **Descriptor selection via log-sum method for predicting the inhibitory activities of chitinase.** *Int J Mol Sci.* 2018;19(1):30.

90. P Su, H-Y Guan, Y-J Zhao, Y-R Tong, M-M Xu, Y-F Zhang, T-Y Hu, J Yang, Q-Q Cheng, L-H Gao, Y-J Liu, J-W Zhou, R-J Peters, L-Q Huang\* and W Gao\*. **Identification and functional characterization of diterpene synthases for triptolide biosynthesis from *Tripterygium wilfordii***. *Plant J.* 2018;93(1):50-65.
91. B-P Xie, G-H Qiu, P-P Hu, Z Liang, Y-M Liang, B Sun, L-P Bai, Z-H Jiang and J-X Chen\*. **Simultaneous detection of Dengue and Zika virus RNA sequences with a three-dimensional Cu-based zwitterionic metal-organic framework, comparison of single and synchronous fluorescence analysis**. *Sens Actuators B Chem.* 2018;254:1133-1140.
92. R Suguro, S-Y Chen, D Yang, Z-Y Yang, L Miao, W-J Wu, W Zeng, X-H Liu\* and Y-Z Zhu\*. **Anti-hypercholesterolemic effects and a good safety profile of SCM-198 in animals: From ApoE knockout mice to Rhesus monkeys**. *Front Pharmacol.* 2018;9:1468.
93. X-X Wu, G-G-L Yue, J-R Dong, C-W-K Lam, C-K Wong\*, M-H Qiu\* and C-B-S Lau\*. **Actein inhibits the proliferation and adhesion of human breast cancer cells and suppresses migration in vivo**. *Front Pharmacol.* 2018;9:1466.
94. N Kerkoub\*, S-K Panda\*, M-R Yang, J-G Lu, Z-H Jiang, H Nasri and W Luyten. **Bioassay-guided isolation of anti-Candida biofilm compounds from methanol extracts of the aerial parts of *Salvia officinalis* (Annaba, Algeria)**. *Front Pharmacol.* 2018;9:1418.
95. S Yaouba, A Valkonen, P Coghi, J-Y Gao, E-M Guantai, S Derese, V-K-W Wong, M Erdelyi\* and A Yenesew\*. **Crystal structures and cytotoxicity of ent-Kaurane-type diterpenoids from two *Aspilia* species**. *Molecules.* 2018;23(12):3199.
96. R Xu\*, C Xu, C-T Liu, C-Cui and J Zhu\*. **Efficacy and safety of bevacizumab-based combination therapy for treatment of patients with metastatic colorectal cancer**. *Onco Targets Ther.* 2018;11:8605-8621.
97. L Cai, C-M Li, W-J Tang, M-M Liu, W-N Chen, Y-Y Qiu and R Li\*. **Therapeutic effect of Penta-acetyl Geniposide on adjuvant-induced arthritis in rats: Involvement of inducing synovial apoptosis and inhibiting NF-B signal pathway**. *Inflammation.* 2018;41(6):2184-2195.
98. Z-F Qin, P Lin, Z-H Yao, Z-L Chen, Y Yu, Y Dai, X-J He\*, H Zhou and X-S Yao\*. **Diagnostic ion-oriented identification and simultaneous quantification of chemical components in *Allium chinense* G. Don**. *J Sep Sci.* 2018;41(23):4253-4271.
99. L-W-C Chow\*, K-S Cheng, K-L Wong and Y-M Leung\*. **Voltage-gated K<sup>+</sup> channels promote BT-474 breast cancer cell migration**. *Chin J Cancer Res.* 2018;30(6):613-622.
100. X Liu, J Yang, J Fu, T-G Xie, P-C Jiang, Z-H Jiang and G-Y Zhu\*. **Phytochemical and chemotaxonomic studies on the twigs of *Cinnamomum cassia* (Lauraceae)**. *Biochem Syst Ecol.* 2018;81:45-48.
101. H Sun, A-H Zhang, S-B Liu, S Qiu, X-N Li, T-L Zhang, L Liu and X-J Wang\*. **Cell metabolomics identify regulatory pathways and targets of magnoline against prostate cancer**. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2018;1102:143-151.
102. C-X Xiao, F He, M-T Yang, F Xiao, W-J Tang, B-J Zhou\* and H Zhou\*. **Ultra-high performance liquid chromatography/triple quadrupole mass spectrometry study of the stabilities and transformations of four alisols in *Alismatis Rhizoma* and proprietary traditional Chinese medicine prescriptions**. *Pharmacogn Mag.* 2018;14(58):597-603.
103. Y-W Li\*, J Xu, G-Y Zhu, Z-J Huang, Y Lu, X-Q Li, N Wang and F-X Zhang\*. **Apigenin suppresses the stem cell-like properties of triple-negative breast cancer cells by inhibiting YAP/TAZ activity**. *Cell Death Discov.* 2018;4:105.
104. J Xie, J Xiong, L-S Ding, L Chen, H Zhou, L Liu, Z-F Zhang, X-M Hu, P Luo\* and L-S Qing\*. **A efficient method to identify cardioprotective components of *Astragali Radix* using a combination of molecularly imprinted polymers-based knockout extract and activity evaluation**. *J Chromatogr A.* 2018;1576:10-18.
105. L Cai, W-N Chen, R Li\*, M-M Liu, C-Lei, C-M Li and Y-Y Qiu. **Acetazolamide protects rat articular chondrocytes from IL-1 beta-induced apoptosis by inhibiting the activation of NF-**

- kappa B signal pathway.** *Can J Physiol Pharmacol.* 2018;96(11):1181-1191.
106. R-Z Li, X-X Fan, D-F Shi, G-Y Zhu, Y-W Wang, L-X Luo, H-D Pan, X-J Yao\*, E-L Liu\*, **Identification of a novel inhibitor of p38 kinase M2 isoform (PKM2) as a potential target for the treatment of non-small-cell lung cancer (NSCLC).** *Chem Biol Drug Des.* 2018;92(5):1015-1024.
107. H Sun, A-H Zhang, Q Song, H Fang, X-Y Liu, J Su, L Yang, M-D Yu and X-F Wan **Identification of novel targets for Yang Huang syndrome treatment with Yinchen Tang decoction: the role of glucose-6-phosphate dehydrogenase and its interconversion with pyruvate kinase as promising targets.** *Chin Med.* 2018;13(1):1-11.
108. X-Q Wang, C-Du, X-S He, X-B Deng, Y-Z He and X-Y Zhou **Identification of novel targets for Yang Huang syndrome treatment with Yinchen Tang decoction: the role of glucose-6-phosphate dehydrogenase and its interconversion with pyruvate kinase as promising targets.** *Chin Med.* 2018;13(1):1-11. doi:10.1186/s13020-018-0150-0.
109. M-S-M Tsang, S-W Cheng, J Zhu, K Atli, B-C-L Chan, D-H Liu, H-Y Chan, Y-F Su, C-W-K Lam, P-C Chan, C-W-K Lam, P-C Chan **Identification of novel targets for Yang Huang syndrome treatment with Yinchen Tang decoction: the role of glucose-6-phosphate dehydrogenase and its interconversion with pyruvate kinase as promising targets.** *Chin Med.* 2018;13(1):1-11. doi:10.1186/s13020-018-0150-0.
110. P Xu, H Zhou, Y-Z Li, Z-W Yuan, C-X Liu, L Liu and Y Xie\*. **Baicalein enhances the bioavailability of baicalin in mice.** *Chin Med.* 2018;13(1):1-11.



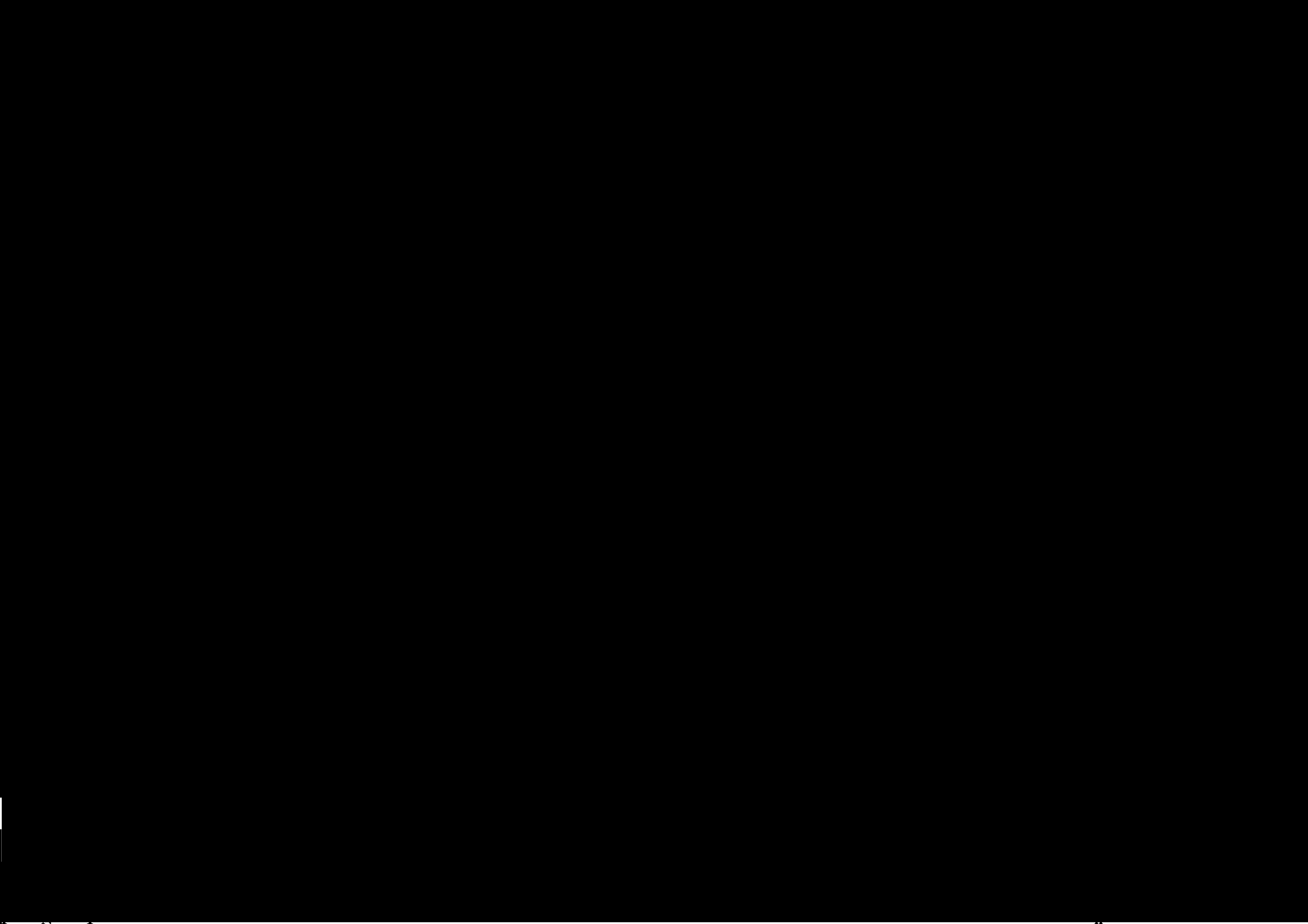
122. J-R Guo, Y Li, C-W-K Lam, C-Y Wang, M-C Yao\* and W Zhang\*. **ZH-1 enhances the anticancer activity of gemcitabine via deoxyribonucleotide synthesis and apoptotic pathway against A549 cells.** *Food Chem Toxicol.* 2018;119:222-230.
123. H Sun, H-L Zhang, A-H Zhang, X-H Zhou, X-Q Wang, Y Han, G-L Yan, L Liu and X-J Wang\*. **Network pharmacology combined with functional metabolomics discover bile acid metabolism as a promising target for mirabilite against colorectal cancer.** *RSC Adv.* 2018;8(53):30061-30070.
124. H-L Lai, Y-W Wang, F-G Duan, Y Li, Z-B Jiang, L-X Luo, L Liu\*, E-L-H Leung\* and X-J Yao\*. **Krukovine suppresses KRAS-mutated lung cancer cell growth and proliferation by inhibiting the RAF-ERK pathway and inactivating AKT pathway.** *Front Pharmacol.* 2018;9:958.
125. H-L Gao, A-H Zhang, J-B Yu, H Sun, L Kong, X-Q Wang, G-L Yan, L Liu and X-J Wang\*. **High-throughput lipidomics characterize key lipid molecules as potential therapeutic targets of Kaixinsan protects against Alzheimer's disease in APP/ PS1 transgenic mice.** *J Chromatogr B Analyt Technol Biomed Life Sci.* 2018;1092:286-295.
126. 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 A549 human lung adenocarcinoma cell line and its taxol-resistant strain.** *BMC Cancer.* 2018;18(1):799.
127. W-J Yu, Y-C Xiang, G-S Luo, X-F Zhao, B Xiao, Y Cheng, C-H Feng, C-Y Duan, X-M Xia, V-K-W Wong\* and R-Y Dai\*. **Salubrinal enhances Doxorubicin sensitivity in human Cholangiocarcinoma cells through promoting DNA damage.** *Cancer Biother Radiopharm.* 2018;33(6):258-265.
128. B Zhang\*, C-S Cheng, M-G Ye, C-Z Han and D-Y Peng. **A preliminary study of the effects of medical exercise Wuqinxi on indicators of skin temperature, muscle coordination, and physical quality.** *Medicine.* 2018;97(34):e12003.
129. Y-Q Shen, Z-Q Shen, L-Y Guo, Q-Y Zhang, Z-J Wang, L Miao, M-J Wang, J Wu, W Guo\* and Y-Z Zhu\*. **MiR-125b-5p is involved in oxygen and glucose deprivation injury in PC-12 cells via CBS/H<sub>2</sub>S pathway.** *Nitric Oxide.* 2018;78(1):11-21.
130. Y-W Wang, H-L Lai, X-X Fan, L-X Luo, F-G Duan, Z-B Jiang, Q-Q Wang, E-L-H Leung\*, L Liu\* and X-J Yao\*. **Gossypol inhibits non-small cell lung cancer cells proliferation by targeting EGFR(858R/T790M).** *Front Pharmacol.* 2018;9:728.
131. Q-Q Zhang, W-Q Huang, Y-Q Gao, Z-D Han, W Zhang, Z-J Zhang\* and F-G Xu\*. **Metabolomics reveals the efficacy of Caspase inhibition for Saikosaponin D-induced hepatotoxicity.** *Front Pharmacol.* 2018;9:732.
132. J-H Jiang, J Pi and J-Y Cai\*. **The advancing of zinc oxide nanoparticles for biomedical applications.** *Bioinorg Chem Appl.* 2018;2018:1062562.
133. S-W-F Mok, W Zeng, Y-Z Niu, P Coghi, Y-J Wu, W-M Sin, S-I Ng, F Gordillo-Martinez, J-Y Gao, B-Y-K Law, L Liu\*, X-J Yao\* and V-K-W Wong\*. **A method for rapid screening of Anilide-containing AMPK modulators based on computational docking and biological validation.** *Front Pharmacol.* 2018;7:710.
134. H-H Zheng, L-P Wang, S-J Zeng, J-M Chen, H-J Wang, J Yu, X Gong, H-Y Jiang, X Yang, X-X Qi, Y Wang, L-L Lu, M Hu, L-J Zhu\* and Z-Q Liu\*. **Age-related changes in hepatic expression and activity of drug metabolizing enzymes in male wild-type and breast cancer resistance protein knockout mice.** *Biopharm Drug Dispos.* 2018;39(7):344-353.
135. D-L Wu, H-J Li, D-R Smith, J Jaratsittisin, X-F-K-T Xia-Ke-Er, W-Z Ma, Y-W Guo, J Dong, J Shen, D-P Yang\* and W-J Lan\*. **Polyketides and Alkaloids from the Marine-Derived Fungus Dichotomomyces cejpui F31-1 and the antiviral activity of Scequinadoline A against Dengue virus.** *Mar Drugs.* 2018;16(7):229.
136. Y-Z Li, J-L Xiong, Z-X Shao, Y-J Ai, R-M Hua, G-A Luo and Q-L Liang\*. **An asymmetrical Cyanine dye nanoparticles for small vessel photoacoustic imaging in vivo.** *ChemNanoMat.* 2018;4(7):626-630.
137. B-D Hu, J Guo, Y-Z Ye, T Du, C-S Cheng, Q Jiang, R-N Liu and Y-B Zhang\*. **Specific inhibitor of Notch-3 enhances the sensitivity of NSCLC cells to gemcitabine.** *Oncol Rep.*

2018;40(1):155-164.

138. F Yang, X-H Su, J Pi, K-S Liao, H Zhou, Y Sun, J Liu, X-X Guo, J-H Jiang, H Jin, J-Y Cai, T Li\* and L Liu\*. **Atomic force microscopy technique used for assessment of the anti-arthritis effect of licochalcone A via suppressing NF-kappa B activation.** *Biomed Pharmacother.* 2018;103:1592-1601.
139. Y-T Wang, J Li, W Yan, Q-L Chen, Z-H Jiang, R-P Zhang, X-P Pan and X-H Wang\*. **An active component containing pterodonic acid and pterodondiol isolated from *Laggera pterodonta* inhibits influenza A virus infection through the TLR7/MyD88/IRAK4/NF-kappa B signaling pathway.** *Mol Med Rep.* 2018;18(1):523-531.
140. M-Z Zhu, G-L Chen, J-L Wu, N Li, Z-H Liu and M-Q Guo\*. **Recent development in mass spectrometry and its hyphenated techniques for the analysis of medicinal plants.** *Phytochem Anal.* 2018;29(4S):365-374.
141. B-R Winters, F Vakar-Lopez, L Brown, B Montgomery, R Seiler, P-C Black, J-L Boormans, M Dall'era, E Davincioni, J Douglas, E-A Gibb, B-W-G van Rhijn, M-S van der Heijden, A-C Hsieh, J-L Wright and H-M Lam\*. **Mechanistic target of rapamycin (MTOR) protein expression in the tumor and its microenvironment correlates with more aggressive pathology at cystectomy.** *Urol Oncol.* 2018;36(7):342.e7-e14.
142. Y Liang, G-Y Yan, J-L Wu, X-X Zong, Z-Q Liu, H Zhou, L Liu\* and N Li\*. **Qualitative and quantitative analysis of lipo-alkaloids and fatty acids in *Aconitum carmichaelii* using LC-MS and GC-MS.** *Phytochem Anal.* 2018;29(4S):398-405.
143. Z-T Li, L Li, S Zhao, J Li, H-X Zhou, Y-H Zhang, Z-F Yang\* and B Yuan\*. **Re-understanding anti-influenza strategy: attach equal importance to antiviral and anti-inflammatory therapies.** *J Thorac Dis.* 2018;10(Suppl 19):S2248-S2259.
144. J-L Ren, A-H Zhang, L-Kong and X-J Wang\*. **Advances in mass spectrometry-based metabolomics for investigation of metabolites.** *RSC Adv.* 2018;8(40):22335-22350.
145. Y-H Zuo, Q-B Han, G-T Dong, R-Q Yue, X-C Ren, J-X Liu, L Liu, P Luo\* and H Zhou\*. **Panax ginseng polysaccharide protected H9c2 cardiomyocyte from hypoxia/reoxygenation injury through regulating mitochondrial metabolism and RISK pathway.** *Front Physiol.* 2018;9:699.
146. Y-H Zhu\*, Z-Y Bai, W-C Phuan, F-A Ghaida, N-S Hosmane and J Ding. **Catalytic conversion of vanillic acid to catechol by palladium acetate / bis(aminomethyl) - nido-dicarbonyldecaborane (11) system.** *J Organomet Chem.* 2018;865:58-64.
147. L-L Chen, Y Ye, H-X Dai, H-Y Zhang, X Zhang, Q Wu, Z-X Zhu, R Spalinskas, W-Y Ren\* and W-S Zhang\*. **User-friendly genetic conditional knockout strategies by CRISPR/Cas9.** *Stem Cells Int.* 2018;2018:9576959.
148. X-X Qiao, M-Y Ji, Y-D Yao, L-L Ma, J-J Wu, G-C Liao, H Zhou, Z-Q Liu and P Wu\*. **Pubescenosides E-K, seven new Triterpenoid Saponins from the roots of *Ilex pubescens* and their anti-inflammatory activity.** *Molecules.* 2018;23(6):1426.
149. C-L Wei, L-S Yang, J-L Cheng, S Imani, S-Y Fu, H-B Lv, Y-M Li, R Chen, E-L-H Leung\* and J-J Fu\*. **A novel homozygous variant of GPR98 causes usher syndrome type IIC in a consanguineous Chinese family by next generation sequencing.** *BMC Med Genet.* 2018;19(1):99.
150. G-L Chen, J-L Wu, N Li and M-Q Guo\*. **Screening for anti-proliferative and anti-inflammatory components from *Rhamnus davurica* Pall. using bio-affinity ultrafiltration with multiple drug targets.** *Anal Bioanal Chem.* 2018;410(15):3587-3595.
151. L-L He, Z-F Zhang, Y Liu, D-Q Chen, M-H Yuan, G-T Dong, P Luo\* and Z-G Yan\*. **Rapid discrimination of raw and sulfur-fumigated *Smilax glabra* based on chemical profiles by UHPLC-QTOF-MS/MS coupled with multivariate statistical analysis.** *Food Res Int.* 2018;108:226-236.
152. X Dai, R-Z Li, Z-B Jiang, C-L Wei, L-X Luo, X-J Yao\*, G-P Li\* and E-L-H Leung\*. **Honokiol inhibits proliferation, invasion and induces apoptosis through targeting Lyn kinase in**

- human lung adenocarcinoma cells.** *Front Pharmacol.* 2018;9:588.
153. X-H Wu, C Zhao, A-H Zhang, J-Q Zhang, X Wang, X-L Sun, Z Sun and X-J Wang\*. **High-throughput metabolomics used to identify potential therapeutic targets of Guizhi Fuling Wan against endometriosis of cold coagulation and blood stasis.** *RSC Adv.* 2018;8(34):19238-19250.
154. H-M Zheng, Q-J Huang, S-C Huang, X Yang, T Zhu, W-S Wang, H-J Wang, S-G He, L-Y Ji, Y Wang, X-X Qi, Z-Q Liu\* and L-L Lu\*. **Senescence inducer Shikonin ROS-dependently suppressed lung cancer progression.** *Front Pharmacol.* 2018;9:519.
155. P Lin, Z-F Qin, Z-H Yao, L Wang, W-Y Zhang, Y Yu, Y Dai, H Zhou and X-S Yao\*. **Metabolites profile of Gualou Xiebai Baijii decoction (a classical traditional Chinese medicine prescription) in rats by ultra-performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry.** *J Chromatogr B Analyt Technol Biomed Life Sci.* 2018;1085:72-88.
156. Y-X Gao, X-L Hu, Y-R Wang\*, Z-H Jiang, H-Y Zhang, M Zhang and P Hu\*. **Primary structural analysis of Dendrobium officinale polysaccharide (** ). *Chem J Chin Uni.* 2018;39(5):934-940.
157. P Coghi, I-A Yaremenko, P Prommana, P-S Radulov, M-A Syroeshkin, Y-J Wu, J-Y Gao, F-M Gordillo, S Mok, V-K-W Wong\*, C Uthaipibull\* and A-O Terent'ev\*. **Novel peroxides as promising anticancer agents with unexpected depressed antimalarial activity.** *ChemMedChem.* 2018;13(9):902-908.
158. J-H Jiang, J Pi, H Jin, F Yang and J-Y Cai\*. **Chinese herb medicine matrine induce apoptosis in human esophageal squamous cancer KYSE-150 cells through increasing reactive oxygen species and inhibiting mitochondrial function.** *Pathol Res Pract.* 2018;214(5):691-699.
159. Z-T Li, J-L Zhao, H-X Zhou, L Li, Y-Y Ding, J Li, B-X Zhou, H-M Jiang, N-S Zhong, W-H Hu and Z-F Yang\*. **Cappariloside A shows antiviral and better anti-inflammatory effects against influenza virus via regulating host IFN signaling, in vitro and vivo.** *Life Sci.* 2018;200:115-125.
160. X Ling, Y-Q Xiang, F-L Chen, Q-F Tang, W Zhang\* and X-M Tan\*. **Intestinal absorption differences of major bioactive compounds of Gegenqinlian decoction between normal and bacterial diarrheal mini-pigs in vitro and in situ.** *J Chromatogr B Analyt Technol Biomed Life Sci.* 2018;1083:93-101.
161. J-F Gu, W-J Wu, M-W Huang, F Long, X-H Liu and Y-Z Zhu\*. **Application of high-performance liquid chromatography coupled with linear ion trap quadrupole orbitrap mass spectrometry for qualitative and quantitative assessment of Shejin-Liyan granule supplements.** *Molecules.* 2018;23(4):884.
162. J-M Chen, Q-S Zhang, X-Y Li, X Gong, Y-J Ruan, S-J Zeng, L-L Lu, X-X Qi, Y Wang, M Hu, L-J Zhu\* and Z-Q Liu\*. **Tissue distribution and gender-specific protein expression of cytochrome P450 in five mouse genotypes with a background of FVB.** *Pharm Res.* 2018;35(6):114.
163. L-L Yan, W-Y Zhang, X-H Wei, L Yan, C-S Pan, Y Yu, J-Y Fan, Y-Y Liu, H Zhou, J-Y Han\* and X-S Yao\*. **Gualou Xiebai decoction, a traditional Chinese medicine, prevents cardiac reperfusion injury of typerlipidemia rat via energy modulation.** *Front Physiol.* 2018;9:296.
164. Z Wang, L-B Pan, G-H Liu, H-M Zhang, J-Z Zhang, J Jiang, Y Xiao, W-B Bai, R Jiao\* and W Huang\*. **Dietary exposure to cadmium of Shenzhen adult residents from a total diet study.** *Food Addit Contam Part A Chem Anal Control Expo Risk Assess.* 2018;35(4):706-714.
165. Y-H Li, W-C-S Tai, I Khan, C Lu, Y Lu, W-Y Wong, W-Y Chan, W-W-L Hsiao\* and G Lin\*. **Toxicoproteomic assessment of liver responses to acute pyrrolizidine alkaloid intoxication in rats.** *J Environ Sci Health C Environ Carcinog Ecotoxicol Rev.* 2018;36(2):65-83.
166. J Wu, J-X Yu, J Wang, C-H Zhang, K Shang, X-J Yao\* and B-W Cao\*. **Astragalus polysaccharide enhanced antitumor effects of Apatinib in gastric cancer AGS cells by inhibiting AKT signalling pathway.** *Biomed Pharmacother.* 2018;100:176-183.

167. X-L Sun, Y-Z He\*, Y-R Ma, H-Q He, L Zhang, I-R de Seabra Rodrigues Dias and Y Liu\*. **A single-center retrospective analysis of the efficacy of a new balloon catheter in autogenous arteriovenous fistula dysfunction resistant to conventional balloon angioplasty.** *Ann Vasc Surg.* 2018;48:79-88.
168. Y Han, A-H Zhang, Y-Z Zhang, H Sun, X-C Meng and X-J Wang\*. **Chemical metabolomics for investigating the protective effectiveness of *Acanthopanax senticosus* Harms leaf against acute promyelocytic leukemia.** *RSC Adv.* 2018;8(22):11983-11990.
169. Y-H Zhu\* and N-S Hosmane\*. **Nanostructured boron compounds for cancer therapy.** *Pure & Appl Chem.* 2018;90(4):653-663.
170. X-M Dai, D-N Cui, J Wang, W Zhang, Z-J Zhang\* and F-G Xu\*. **Systems pharmacology based strategy for Q-markers discovery of HuangQin decoction to attenuate intestinal damage.** *Front Pharmacol.* 2018;9:236
171. C-J Wang, X-Q Zhang, X-H Yan, W-C Ye, S-C Ma and Y-Q Jiang\*. **Chemical profiling of *Euphorbia fischeriana* Steud. by UHPLC-QJTOF-MS.** *J Pharm Biomed Anal.* 2018;151:126-132.
172. Z Wang, Y Kang, D Li, H-Y Sun, X-W Dong, X-J Yao, L Xu, S Chang, Y-Y Li and T-J Hou\*. **Benchmark study based on 2P2IDB to gain insights into the discovery of small-molecule PPI inhibitors.** *J Phys Chem B.* 2018;122(9):2544-2555.
173. L Yi, Y-J Lyn, C Peng, R-L Zhu, S-S Bai, L Liu, P-X Wang, H Zhou\* and Y Dong\*. **Sinomenine inhibits fibroblast-like synoviocyte proliferation by regulating alpha 7nAChR expression via ERK/Egr-1 pathway.** *Int Immunopharmacol.* 2018;56:65-70.
174. D-F Shi, S-Y Zhou, X-W Liu, C-X Zhao, H-X Liu\* and X-J Yao\*. **Understanding the structural and energetic basis of PD-1 and monoclonal antibodies bound to PD-L1: A molecular modeling perspective.** *Biochim Biophys Acta.* 2018;1862(3):576-588.
175. Q-Q Wang, J-H Xu, Y Li, J-M Huang, Z-B Jiang, Y-W Wang, L Liu\*, E-L-H Leung\* and X-J Yao\*. **Identification of a novel protein Arginine Methyltransferase 5 inhibitor in non-small cell lung cancer by structure-based virtual screening.** *Front Pharmacol.* 2018;9:173.
176. T-W-W Chen, D-C Yeh, T-Y Chao, C-H Lin, L-W-C Chow, D-Y Chang, Y-Y Hsieh, S-M Huang, A-L Cheng, Y-S Lu\* and Taiwan Breast Cancer Consortium. **A phase I/II study of the combination of lapatinib and oral vinorelbine in HER2-positive metastatic breast cancer.** *Jpn J Clin Oncol.* 2018;48(3):242-247.
177. Y-H Zhu\*, S-M Gao and N-S Hosmane. **Boron-enriched advanced energy materials.** *Inorganica Chim Acta.* 2018;471:577-586.
178. X-M Fan, C-L Huang, Y-M Wang, N Li, Q-L Liang and G-A Luo\*. **Therapeutic effects of Tangshen formula on diabetic nephropathy in db/db mice using Cytokine antibody array.** *J Diabetes Res.* 2018;2018:8237590.
179. L-P Zhou, W Huang, Y-H Xu, C-L Gao, T Zhang, M Guo, Y Liu, J-Y Ding, L-D Qin, Z-H Xu, Y Long\* and Y Xu\*. **Sweet taste receptors mediated ROS-NLRP3 inflammasome signaling activation: Implications for diabetic nephropathy.** *J Diabetes Res.* 2018;2018:7078217.
180. W-Y Gu, M-X Liu, B-Q Sun\*, M-Q Guo, J-L Wu\* and N Li\*. **Profiling of polyunsaturated fatty acids in human serum using off-line and on-line solid phase extraction-nano-liquid chromatography-quadrupole-time-of-flight mass spectrometry.** *J Chromatogr A.* 2018;1537:141-146.
181. X-Y Liu, A-H Zhang, H Fang, M-X Li, Q Song, J Su, M-D Yu, L Yang and X-J Wang\*. **Serum metabolomics strategy for understanding the therapeutic effects of Yin-Chen-Hao-Tang against Yanghuang syndrome.** *RSC Adv.* 2018;8(14):7403-7413.
182. W-Y Zhang, X-L Feng, D Lu, H Gao, Y Yu\* and X-S Yao\*. **New lignans attenuating cognitive deterioration of A beta transgenic flies discovered in *Acorus tatarinowii*.** *Bioorg Med Chem Lett.* 2018;28(4):814-819.



- 2084.
198. W-L Yu and Z-C Hua\*. **Evaluation of effectiveness of granulocyte-macrophage colony-stimulating factor therapy to cancer patients after chemotherapy: a meta-analysis.** *Oncotarget*. 2018;9(46):28226-28239.
199. C-R Li, Z-J Wang, Q Wang, R-L-K-Y Ho, Y Huang, M-S-S Chow, C-W-K Lam\* and Z Zuo\*. **Enhanced anti-tumor efficacy and mechanisms associated with docetaxel-piperine combination- in vitro and in vivo investigation using a taxane-resistant prostate cancer model.** *Oncotarget*. 2018;9(3):3338-3352.
200. X-L Wang, L-L Pan, F Long, W-J Wu, D Yan, P Xu, S-Y Liu, M Qin, W-W Jia, X-H Liu\* and Y-Z Zhu\*. **Endogenous hydrogen sulfide ameliorates NOX4 induced oxidative stress in LPS-stimulated macrophages and mice.** *Cell Physiol Biochem*. 2018;47(2):458-474.
201. S Imani, J-L Cheng, M-D Shasaltaneh, C-L Wei, L-S Yang, S-Y Fu, H Zou, M-A Khan, X-Q Zhang, H-C Chen, D-Z Zhang, C-X Duan, H-B Lv, Y-M Li, R Chen and J-J Fu\*. **Genetic identification and molecular modeling characterization reveal a novel PROM1 mutation in Stargardt4-like macular dystrophy.** *Oncotarget*. 2018;9(1):122-141.
202. \_\_\_\_\_\* (Application and prospect of scientific photography in study of Chinese material medica) 2018;49(23):5683-5690
203. \_\_\_\_\_\* (Chemical constituents study of Lycopodium Japonicum) 2018;35(12):1859-1864
204. \_\_\_\_\_\* (Curative effect of combination therapy of activating blood circulation and removing blood stasis on chronic renal failure and its effects on the patients' renal function and electrolyte) 2018;27(34):3790-3793
205. \_\_\_\_\_\* 2018;29(11):2737-2739
206. \_\_\_\_\_\* (Clinical observation on Tongdu Tiaoshen acupuncture treatment for limb movement of stroke patients in recovery stage) 2018;45(11):2400-2402
207. \_\_\_\_\_\* UPLC-MS (Spectrum-effect relationship of anti-inflammatory effect of different part from Polygonum capitatum) 2018;49(21):5134-5141
208. \_\_\_\_\_\* " " 2018;38(11):1235-1238
209. \_\_\_\_\_\* (Anti-inflammatory effects and mechanism of total saponins of Tibetan medicine Morina nepalensis var. alba) 2018;34(5):47-50
210. \_\_\_\_\_\* 2018;40(10):1582-1585
211. \_\_\_\_\_\* (Literature research of prescription regularity about treating diabetes based on Yang deficiency) 2018;33(5):755-758
212. \_\_\_\_\_\* 2018;29(9):2263-2264
213. \_\_\_\_\_\* 2018;40(9):1415-1418
214. \_\_\_\_\_\* (Brief discussion on the clauses without specific acupuncture point in Shanghan Lun) 2018;33(9):4031-4033
215. \_\_\_\_\_\* (Analysis of Qianghuo Shengshitang based on ancient literature)

- 2018;24(17):1-5
216. \_\_\_\_\_ \* \_\_\_\_\_ 2018;47(15):1836-1838
217. \_\_\_\_\_ **Hela** (Effect of Celastrol on the proliferation and apoptosis of Hela cell) 2018;16(3):1-9
218. \_\_\_\_\_ \* \_\_\_\_\_ **3** 2018;24(14):109-110
219. \* \_\_\_\_\_ \* (Clinical significance of microcalcification in patients with thyroid micropapillary carcinoma) 2018;25(7):345-348
220. \* \_\_\_\_\_ **NLRP3** (Role of sweet taste receptors in the activation of NLRP3 inflammasome signaling in diabetic kidney disease) 2018;34(7):587-593
221. \_\_\_\_\_ **T** (Research progress of effect of acupuncture therapy on T cell subsets) 2018;34(7):78-82
222. \* \_\_\_\_\_ (Clinical observation on acupuncture combined with pressing moxibustion with seed-sized Moxa cone in the treatment of hemifacial spasm) 2018;33(12):1761-1763
223. \_\_\_\_\_ \* \_\_\_\_\_ 2018;29(6):1434-1437
224. \* \_\_\_\_\_ **1** 2018;24(10):52-54
225. \* \_\_\_\_\_ **Schrödinger** (Applying virtual drug screening workflow module of Schrödinger into college bioinformatics and chemoinformatics teaching) 2018;33(5):66-71
226. \_\_\_\_\_ \* \_\_\_\_\_ (The protective effects of leonurine against acute endotoxin induced uveitis in rats) ( ) 2018;45(3):291-296,329
227. \_\_\_\_\_ \* \_\_\_\_\_ " " **CGRP** (Effect of needling ST36 on immunosuppressive rats: Study of CGRP expression around acupoints) 2018;34(5):49-52
228. \_\_\_\_\_ \* \_\_\_\_\_ 2018;50(5):248-249
229. \_\_\_\_\_ \* \_\_\_\_\_ (Research progress of Chinese medicine for autoimmune disease by adjusting activity of Neutrophils) 2018;50(5):184-189
230. \_\_\_\_\_ \_\_\_\_\_ \* **HIV Castleman Meta** (Evaluation on effectiveness of Rituximab monotherapy on HIV-positive multicenter Castleman's disease: A meta-analysis) 2018;25(2):135-141
231. \* \_\_\_\_\_ (Identification and determination of Yanshukang oral liquid by thin-layer chromatography) 2018;37(2):116-119
232. \_\_\_\_\_ \* \_\_\_\_\_ 2018;41(2):73-75
233. \_\_\_\_\_ \_\_\_\_\_ \* \_\_\_\_\_ - 2018;47(9):1244-1247

234. \_\_\_\_\_ \* 2018;24(3):339-341,391
235. \_\_\_\_\_ \* \_\_\_\_\_ - (Effects of short-chain fatty acids on oxidative stress and inflammation in glomerular mesangial cells induced by high glucose) 2018;34(3):239-245
236. \_\_\_\_\_ \* \_\_\_\_\_ (Discussion of mechanism on acupoint embedding for obesity) 2018;38(3):319-323
237. \_\_\_\_\_ \* \_\_\_\_\_ : 2018;28(1):1-4
238. \_\_\_\_\_ \* \_\_\_\_\_ UPLC (UPLC fingerprint, cluster and principal component analysis of Xiao' er Chaigui Tuire granules) 2018;29(4):474-477
239. \_\_\_\_\_ \* \_\_\_\_\_ “ ” Meige (Experience of acupuncture manipulation of regulating Shen treating Meige syndrome by Professor Zhuang Li-Xing) 2018;34(2):64-66
240. \_\_\_\_\_ (On Wu Tang's theoretical inheritance from Ye Tianshi's purging stomach-heat method) 2018;31(2):38-40
241. \_\_\_\_\_ \* \_\_\_\_\_ Lyn EGFR (Effects of Lyn kinase on EGFR signaling pathway in lung adenocarcinoma) 2018;28(1):43-49
242. \_\_\_\_\_ \* \_\_\_\_\_ HS-SPME/GC-MS (Distinction of fermented Cordyceps products from different strains and analysis of their volatile components by HS-SPME/GC-MS combined with chemometrics analysis) 2018;38(1):67-78
243. \_\_\_\_\_ \* \_\_\_\_\_ UHPLC-TOF-MS (Establishment of fingerprint and determination of Kinsenoside of Herba Anoetochili from different sources by UHPLC-TOF-MS) 2018;24(1):37-43
244. \_\_\_\_\_ \* \_\_\_\_\_ (Spectrum-effect relationship of antibacterial effect of different polar part of Polygonum capitatum) 2018;24(1):20-25
245. \_\_\_\_\_ 978-988-8258-71-0
246. \_\_\_\_\_ 978-988-8258-70-3