

## 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 Hets 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\*. **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 Wang, Y-M Ju, Y Xie, Y-F Zheng, Z-F Wang, T Li, Z-Q Liu, F Li, B Tong, L Xiao, X Xu, R-Z Li, Z-W Yuan, H-M Yang, J Wang, K Kristiansen, H-J Jia\* and L Liu\*. **A gene catalogue of the Sprague-Dawley rat gut metagenome.** *Gigascience*. 2018;7(5):giy055.
62. W-Q Zhang, J He, S-Y Liu, W-X Niu, P Liu, Y Zhao, F-J Pang, W Xi, M-W Chen, W Zhang, S-S Pang and Y Ding\*. **Atomic origins of high electrochemical CO<sub>2</sub> reduction efficiency on nanoporous gold.** *Nanoscale*. 2018;10(18):8372-8376.
63. H-M Liu, B-C Wang, D-H Li, X-Y Zeng, X Tang, Q-S Gao, J-Y Cai and H-H Cai\*. **MoS<sub>2</sub> nanosheets with peroxidase mimicking activity as viable dual-mode optical probes for determination and imaging of intracellular hydrogen peroxide.** *Microchim Acta*. 2018;185(6):287.
64. W-W Jia, W-J Wu, D Yang, C-X Xiao, M-W Huang, F Long, Z-H Su, M Qin, H-X Liu and Y-Z Zhu\*. **GATA4 regulates angiogenesis and persistence of inflammation in rheumatoid arthritis.** *Cell Death Dis*. 2018;9(5):503.
65. D Wu, Q-X Hu, Y Xiong, D-Q Zhu, Y-C Mao\* and Y-Z Zhu\*. **Novel H<sub>2</sub>S-NO hybrid molecule (ZYZ-803) promoted synergistic effects against heart failure.** *Redox Biol*. 2018;15:243-252.
66. Q-Q Zhao, N Miriyala, Y Su, W-J Chen, X-J Gao, L Shao, R Yan, H-F Li, X-J Yao, D-S Cao, Y-T Wang and D-F Ouyang\*. **Computer-aided formulation design for a highly soluble Lutein-Cyclodextrin multiple-component delivery system.** *Mol Pharm*. 2018;15(4):1664-1673.
67. Y Li, M-Y Su, Z-H Liu, J Li, J Liu, L Han and R-X Wang\*. **Assessing protein-ligand interaction scoring functions with the CASF-2013 benchmark.** *Nat Protoc*. 2018;13(4):666-680.
68. Y Li, X-C Ren, C-K Lio, W-X Sun, K Lai, Y Liu, Z-F Zhang, J Liang, H Zhou, L Liu, H Huang, J Ren\* and P Luo\*. **A chlorogenic acid-phospholipid complex ameliorates post-myocardial infarction inflammatory response mediated by mitochondrial reactive oxygen species in SAMP8 mice.** *Pharmacol Res*. 2018;130:110-122.
69. Y-Q Qu, F Gordillo-Martinez, B-Y-K Law, Y Han, A-G Wu, W Zeng, C-W-K Lam, C Ho, S-W-F Mok, H-Q He, V-K-W Wong\* and R-X Wang\*. **2-Aminoethoxydiphenylborane sensitizes anti-tumor effect of bortezomib via suppression of calcium-mediated autophagy.** *Cell Death Dis*. 2018;9(3):361.
70. D-H Liu, B-C-L Chan, L Cheng, M-S-M Tsang, J Zhu, C-W Wong, D-L Jiao, H-Y-T Chan, P-C Leung, C-W-K Lam and C-K Wong\*. **Sophora flavescens protects against mycobacterial Trehalose Dimycolate-induced lung granuloma by inhibiting inflammation and infiltration of macrophages.** *Sci Rep*. 2018;8(1):3903.
71. S-D Lv, L-Y Ji, B Chen, S-Q Liu, C-Y Lei, X Liu, X-X Qi, Y Wang, E-L-H Leung, H-Y Wang, L Zhang, X-M Yu, Z-Q Liu\*, Q Wei\* and L-L Lu\*. **Histone methyltransferase KMT2D sustains prostate carcinogenesis and metastasis via epigenetically activating LIFR and KLF4.** *Oncogene*. 2018;37(10):1354-1368.
72. H-Y Wan, J-L Chen, X-Z Zhu, L Liu, J-F Wang\* and Z-M Zhu\*. **Titanium-coated gold nano-bipyramids for blocking autophagy flux and sensitizing cancer cells to proteasome inhibitor-induced death.** *Adv Sci*. 2018;5(3):1700585.
73. S-Y Liu, X-L Wang, L-L Pan, W-J Wu, D Yang, M Qin, W-W Jia, C-X Xiao, F Long, J-B Ge\*, X-H Liu\* and Y-Z Zhu\*. **Endogenous hydrogen sulfide regulates histone demethylase JMJD3-mediated inflammatory response in LPS-stimulated macrophages and in a mouse model of LPS-induced septic shock.** *Biochem Pharmacol*. 2018;149:153-162.
74. B Sun, Z Liang, B-P Xie, R-T Li, L-Z Li, Z-H Jiang, L-P Bai and J-X Chen\*. **Fluorescence sensing platform based on ruthenium(II) complexes as high 3S (sensitivity, specificity, speed) and "on-off-on" sensors for the miR-185 detection.** *Talanta*. 2018;179:658-667.
75. G-Y Zhu\*, J Yang, X-J Yao, X Yang, J Fu, X Liu, L-P Bai, L Liu and Z-H Jiang\*. **(±)-Sativamides A and B, two pairs of Racemic Nor-Lignanamide enantiomers from the fruits of**

- 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 349.** *Free Radic Biol Med.* 2018;115:471-483.
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\*. **Dimeric Cadinane Sesquiterpenoid derivatives from Artemisia annua.** *Org Lett.* 2018;20(2):453-456.
86. T-J Khan, Y-M Ahmed, M-A Zamzami, S-A Mohamed, I Khan, O-A-S Baothman, M-G Mehanna and M Yasir\*. **Effect of atorvastatin on the gut microbiota of high fat diet-induced hypercholesterolemic rats.** *Sci Rep.* 2018;8(1):662.
87. S Herfst\*, C-K-P Mok, J-M-A van den Brand, S van der Vliet, M-E Rosu, M-I Spronken, Z-F Yang, D de Meulder, P Lexmond, T-M Bestebroer, J-S-M Peiris, R-A-M Fouchier and M Richard. **Human blade 2.3.4.4 A/H5N6 influenza virus lacks mammalian adaptation markers and does not transmit via the airborne route between ferrets.** *mSphere.* 2018;3(1):e00405-17.
88. P-I Costea, F Hildebrand, A Manimozhiyan, F Backhed, M-J Blaser, F-D Bushman, W-M de Vos, S-D Ehrlich, C-M Fraser, M Hattori, C Huttenhower, I-B Jeffery, D Knights, J-D Lewis, R-E Ley, H Ochman, P-W O'Toole, C Quince, D-A Relman, F Shanahan, S Sunagawa, J Wang, G-M Weinstock, G-D Wu, G Zeller, L-P Zhao, J Raes\*, R Knight\* and P Brok\*. **Enterotypes in the landscape of gut microbial community composition.** *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 regularization for the biological activities of chemical structure.** *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**. *Oncotargets 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- $\kappa$ 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):1104-1111.
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-H Leung\* and L Liu\*. **Identification of a new pyruvate kinase M2 isoform (PKM2) activator for the treatment of non-small-cell lung cancer (NSCLC).** *Chem Biol Drug Des.* 2018;92(5):1851-1858.
  107. H Sun, A-H Zhang, Q Song, H Fang, X-Y Liu, J Su, L Yang, M-D Yu and X-J Wang\*. **Functional metabolomics discover pentose and glucuronate interconversion pathways as promising targets for Yang Huang syndrome treatment with Yinchenhao Tang.** *RSC Adv.* 2018;8(64):36831-36839.
  108. X-Q Wang, C Du, X-M He, X Deng, Y-Z He and X-Y Zhou\*. **MiR-4463 inhibits the migration of human aortic smooth muscle cells by AMOT.** *Biosci Rep.* 2018;38(5):BSR20180150.
  109. M-S-M Tsang, S-W Cheng, J Zhu, K Atli, B-C-L Chan, D-H Liu, H-Y-T Chan, X-Y Sun, I-M-T Chu, K-L Hon, C-W-K Lam, P-C Shaw, P-C Leung and C-K Wong\*. **Anti-inflammatory activities of Pentaherbs formula and its influence on gut microbiota in allergic asthma.** *Molecules.* 2018;23(11):2776.
  110. P Xu, H Zhou, Y-Z Li, Z-W Yuan, C-X Liu, L Liu and Y Xie\*. **Baicalein enhances the oral bioavailability and hepatoprotective effects of Silybin through the inhibition of efflux transporters BCRP and MRP2.** *Front Pharmacol.* 2018;9:1115.
  111. M-Y Rao, C-L Gao, M Guo, B-Y-K Law\* and Y Xu\*. **Effects of metformin treatment on radiotherapy efficacy in patients with cancer and diabetes: a systematic review and meta-analysis.** *Cancer Manag Res.* 2018;10:4881-4890.
  112. H-L Zhang, A-H Zhang, X-H Zhou, H Sun, X-Q Wang, L Liu and X-J Wang\*. **High-throughput lipidomics reveal mirabilite regulating lipid metabolism as anticancer therapeutics.** *RSC Adv.* 2018;8(62):35600-35610.
  113. Q-Q Cheng, C-S Cheng, Y Ouyang, C-C Lao, H Cui, Y Xian, Z-H Jiang, W-J Li and H Zhou\*. **Discovery of differential sequences for improving breeding and yield of cultivated *Ophiocordyceps sinensis* through ITS sequencing and phylogenetic analysis.** *Chin J Nat Med.* 2018;16(10):749-755.
  114. X Dai, L-J Wang, J Wu, Y-X Shi, G-P Li\* and X-Q Yang\*. **Src kinase inhibitor PP2 regulates the biological characteristics of A549 cells via the PI3K/Akt signaling pathway.** *Oncol Lett.* 2018;16(4):5059-5065.
  115. H-H Huang\* and Y Liang. **Hybrid  $L_{1/2+2}$  method for gene selection in the Cox proportional hazards model.** *Comput Methods Programs Biomed.* 2018;164:65-73.
  116. P-D-A Lima\*, A-L Nivet, Q Wang, Y-A Chen, A Leader, A Cheung, C-R Tzeng and B-K Tsang\*. **Polycystic ovary syndrome: possible involvement of androgen-induced, chemerin-mediated ovarian recruitment of monocytes/macrophages.** *Biol Reprod.* 2018;99(4):838-852.
  117. Q Wang, F Li, B-S Liang, Y-H Liang, S-J Chen, X-D Mo, Y-M Ju, H Zhao, H-J Jia, T-D Spector, H-L Xie and R-J Guo\*. **A metagenome-wide association study of gut microbiota in asthma in UK adults.** *BMC Microbiol.* 2018;18(1):114.
  118. Q-Q Wang, X-L An, J-H Xu, Y-W Wang, L Liu\*, E-L-H Leung\* and X-J Yao\*. **Classical molecular dynamics and metadynamics simulations decipher the mechanism of CBP30 selectively inhibiting CBP/p300 bromodomains.** *Org Biomol Chem.* 2018;16(35):6521-6530.
  119. Y-Q Wong, H-Y Xu, Q Wu, X-Y Liu, C-C Lufei, X-Q Xu\* and X-Y Fu\*. **STAT3-inducible mouse ESCs: A model to study the role of STAT3 in ESC maintenance and lineage differentiation.** *Stem Cells Int.* 2018;2018:8632950.
  120. J-F Luo, X-Y Shen, C-K Lio, Y Dai, C-S Cheng, J-X Liu, Y-D Yao, Y Yu, Y Xie, P Luo, X-S Yao, Z-Q Liu\* and H Zhou\*. **Activation of Nrf2/HO-1 pathway by Nardochinoid C inhibits inflammation and oxidative stress in Lipopolysaccharide-stimulated macrophages.** *Front Pharmacol.* 2018;9:911.
  121. H-K Jiang and Y Liang\*. **The  $L_{1/2}$  regularization network Cox model for analysis of genomic data.** *Comput Biol Med.* 2018;100:203-208.



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'Erà, 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 Baijiu 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 (鐵皮石斛多糖的初級結構分析).** *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 2P2I<sub>DB</sub> 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.

183. T-J Khan, Y-M Ahmed, M-A Zamzami, A-M Sidduqui, I Khan, O-A-S Baothman, M-G Mehanna, A Kuerban, M Kaleemuddin and M Yasir\*. **Atorvastatin treatment modulates the gut microbiota of the hypercholesterolemic patients.** *OMICS*. 2018;22(2):154-163.
184. X Deng, W Huang, J Peng, T-T Zhu, X-L Sun, X-Y Zhou, H Yang, J-F Xiong, H-Q He, Y-H Xu\* and Y-Z He\*. **Irisin alleviates advanced glycation end products-induced inflammation and endothelial dysfunction via inhibiting ROS-NLRP3 inflammasome signaling.** *Inflammation*. 2018;41(1):260-275.
185. L-Y Wang, Y-B Jin, Y-H Zuo, L-Y Wu, L Wang and F-X Meng. **Preparation and pharmacokinetics of gambogic acid long-circulating liposomes.** *Indian J Pharm Sci*. 2018;80(Suppl 1):9-10.
186. Y-B Jin, Y-H Zuo, M-Z Zhao, Y-M Liu, J Wang and L-Y Wang. **The involvement of mitochondria-mediated pathway in protective action of 18-glycyrrhetic acid against glutamate-induced PC12 cells apoptosis.** *Indian J Pharm Sci*. 2018;80(Suppl 1):6-7.
187. J-J Huang, Z Long, W-J Lin, X-L Liao, Y Xie, L Liu\* and W-Z Ma\*. **Integrative omics analysis of p53-dependent regulation of metabolism.** *FEBS Lett*. 2018;592(3):380-393.
188. Y Chu, J Gao, J Niu, Y-F Huang, M Chen, M-Z Wang, Q Shang, W-Q Lu, L-H Peng\* and Z-H Jiang\*. **Synthesis, characterization and inhibitory effects of crocetin derivative compounds in cancer and inflammation.** *Biomed Pharmacother*. 2018;98:157-164.
189. X-L Liao, J-J Huang, W-J Lin, Z Long, Y Xie and W-Z Ma\*. **APTMs, a Thiophene heterocyclic compound, inhibits human colon cancer HCT116 cell proliferation through p53-dependent induction of apoptosis.** *DNA Cell Biol*. 2018;37(2):70-77.
190. I Khan, G-X Huang, X-A Li, W Leong, W-R Xia and W-W-L Hisao\*. **Mushroom polysaccharides from *Ganoderma lucidum* and *Poria cocos* reveal prebiotic functions.** *J Funct Foods*. 2018;41:191-201.
191. A Momenpour, P-D-A Lima, Y-A Chen, C-R Tzeng, B-K Tsang\* and H Anis\*. **Surface-enhanced Raman scattering for the detection of polycystic ovary syndrome.** *Biomed Opt Express*. 2018;9(2):801-817.
192. I-R-D-R Dias, S-W-F Mok, F Gordillo-Martinez, I Khan, W-W-L Hsiao, B-Y-K Law, V-K-W Wong\*, L Liu\*. **The calcium-induced regulation in the molecular and transcriptional circuitry of human inflammatory response and autoimmunity.** *Front Pharmacol*. 2018;8:962.
193. D-F Shi, Q-F Bai, S-Y Zhou, X-W Liu, H-X Liu\* and X-J Yao\*. **Molecular dynamics simulation, binding free energy calculation and unbinding pathway analysis on selectivity difference between FKBP51 and FKBP52: Insight into the molecular mechanism of isoform selectivity.** *Proteins*. 2018;86(1):43-56.
194. J Yang, J Fu, X Liu, Z-H Jiang\* and G-Y Zhu\*. **Monoterpenoid indole alkaloids from the leaves of *Alstonia scholaris* and their NF-kappa B inhibitory activity.** *Fitoterapia*. 2018;124:73-79.
195. L-S Yang, I Ijaz, J-L Cheng, C-L Wei, X-J Tan, M-A Khan, X-D Fu\* and J-J Fu\*. **Evaluation of amplification refractory mutation system (ARMS) technique for quick and accurate prenatal gene diagnosis of CHM variant in choroideremia.** *Appl Clin Genet*. 2018;11:1-8.
196. T Zhang, H-H Yu, Y Lin, X Li, L Tang, H-P Song, Q-H Peng, W Wang, L Liu, C Chen\* and X Cai\*. **Combinative approaches of chemistry, pharmacology and toxicology for the optimal pharmaceutical preparation of an anti-arthritic Chinese medicine formulation QFJBT (採用“化學、藥效與毒理”三結合方法篩選優化抗關節炎中藥複方青附蠲痹湯的最佳製備工藝).** *Digital Chin Med*. 2018;1(4):289-301.
197. H-H Huang\*, J-G Dai and Y Liang. **Clinical drug response prediction by using a Lq penalized network-constrained logistic regression method.** *Cell Physiol Biochem*. 2018;51(5):2073-

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. 周良雲、咸慶飛、紀瑞鋒、楊光、丁錘、周修騰、程春松、楊全、郭蘭萍\*。科學攝影在中藥研究中的應用與展望 (Application and prospect of scientific photography in study of Chinese material medica)。 *中草藥*。2018;49(23):5683-5690。
203. 王海英、楊繼、劉新、張鍵泰、朱國元\*。石鬆的化學成分研究 (Chemical constituents study of *Lycopodium Japonicum*)。 *中國現代應用藥學*。2018;35(12):1859-1864。
204. 張永鋒、陳剛毅\*。活血化瘀中藥聯合療法治療慢性腎衰竭療效及對患者腎功能、電解質的影響 (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)。 *現代中西醫結合雜誌*。2018;27(34):3790-3793。
205. 陽運秋、唐純志\*、崔韶陽、陽晨、隆曉菁。針灸結合鏡像療法在腦卒中治療的臨床應用現況。 *時珍國醫國藥*。2018;29(11):2737-2739。
206. 羅發蘭、許能貴\*、黃新宇、劉曉暉。通督調神針刺法結合治療腦卒中恢復期患者肢體運動能力的療效觀察 (Clinical observation on Tongdu Tiaoshen acupuncture treatment for limb movement of stroke patients in recovery stage)。 *遼寧中醫雜誌*。2018;45(11):2400-2402。
207. 薛鑫宇、劉昌孝、周英、王靜蓉、謝立敏、唐靖雯、姚元貴、張麗豔\*。基於 UPLC-MS 聯用技術的頭花蓼抗炎譜效關係初探簡 (Spectrum-effect relationship of anti-inflammatory effect of different part from *Polygonum capitatum*)。 *中草藥*。2018;49(21):5134-5141。
208. 廖文彥、唐純志\*、張建國。從“以氣御神、以血調神”淺析靳三針治神調神理念與治療思路。 *中國針灸*。2018;38(11):1235-1238。
209. 張志鋒、吳尤嬌、陳麗、羅培\*。藏藥材白花刺參總皂苷的抗炎作用及機制(Anti-inflammatory effects and mechanism of total saponins of Tibetan medicine *Morina nepalensis var. alba*)。 *中藥藥理與臨床*。2018;34(5):47-50。
210. 代巧妹、梁慧、尚艷琦、顏培宇\*、王美嶠、于曉紅、劉瀾瀾。針刺對降鈣素基因相關肽的影響研究進展。 *河北中醫*。2018;40(10):1582-1585。
211. 王思寧\*、顏培宇、彭萬年。從陽虛論治糖尿病用藥規律的文獻研究 (Literature research of prescription regularity about treating diabetes based on Yang deficiency)。 *川北醫學院學報*。2018;33(5):755-758。
212. 王思寧\*、彭萬年。彭萬年教授防治糖尿病經驗探析。 *時珍國醫國藥*。2018;29(9):2263-2264。
213. 劉思鴻、侯西娟、李莎莎、董燕、李斌、高進、尚強、吳蕾、李兵、張華敏\*。痛瀉要方方義及應用古今演變分析。 *河北中醫*。2018;40(9):1415-1418。
214. 陳敏、周吉欽、馮婷婷、段鑫、尚璐\*。《傷寒論》中未指明具體針灸部位的條文芻議 (Brief discussion on the clauses without specific acupuncture point in *Shanghan Lun*)。 *中華中醫藥雜誌*。2018;33(9):4031-4033。
215. 董燕、侯西娟、李莎莎、劉思鴻、李斌、李兵\*、高進、尚強。經典名方羌活勝濕湯的古代文獻分析 (Analysis of *Qianghuo Shengshitang* based on ancient literature)。 *中國*

實驗方劑學雜誌。2018;24(17):1-5。

216. 許燕陽、葉敦敏\*、陳嘉琪、李瑄、王雅琪。理氣活血散結中藥輔助宮腹腔鏡手術治療雙側輸卵管近端堵塞不孕的臨床觀察。山西醫藥雜誌。2018;47(15):1836-1838。
217. 柯長洪、李家玉、蔡繼業\*。雷公藤紅素對 Hela 細胞增殖和凋亡的影響 (Effect of Celastrol on the proliferation and apoptosis of Hela cell)。順德職業技術學院學報。2018;16(3):1-9。
218. 李思嫻、彭萬年\*、彭君達、李浩宇、梁穎、黃艷梅、邢航。中醫急癥救治驗案 3 則。中醫藥導報。2018;24(14):109-110。
219. 金龍\*、程春松、陳一帆、蔣敏、陳曉紅\*。微鈣化在甲狀腺微小乳頭狀癌患者中的臨床意義 (Clinical significance of microcalcification in patients with thyroid micropapillary carcinoma)。中國耳鼻咽喉頭頸外科。2018;25(7):345-348。
220. 周路平、黃煒、徐勇\*、徐友華、龍洋、高陳林。甜味受體在糖尿病腎病 NLRP3 炎症信號活化中的作用 (Role of sweet taste receptors in the activation of NLRP3 inflammasome signaling in diabetic kidney disease)。中華內分泌代謝雜誌。2018;34(7):587-593。
221. 代巧妹、尚艷琦、梁慧、顏培宇、王美嶠、王垚、蔡文輝、劉瀾瀾、于曉紅、曲苗\*。針刺治療對 T 細胞亞群影響的研究進展 (Research progress of effect of acupuncture therapy on T cell subsets)。針灸臨床雜誌。2018;34(7):78-82。
222. 伍麗蓉\*、陽運秋。針刺配合麥粒壓灸治療面肌痙攣臨床觀察 (Clinical observation on acupuncture combined with pressing moxibustion with seed-sized Moxa cone in the treatment of hemifacial spasm)。光明中醫。2018;33(12):1761-1763。
223. 唐珊珊、徐友華\*。中藥治療糖尿病及對腸道菌群影響的研究進展。時珍國醫國藥。2018;29(6):1434-1437。
224. 孫哲、曹洋\*、何力、王亞男、陳明、王思斯。中西醫結合治療原發性肺淋巴上皮瘤樣癌驗案 1 則。中醫藥導報。2018;24(10):52-54。
225. 白啟峰\*、張洋、靳玲玲、姚小軍。Schrödinger 藥物虛擬篩選流程模塊在大學生物和化學信息學教學中的應用 (Applying virtual drug screening workflow module of Schrödinger into college bioinformatics and cheminformatics teaching)。大學化學。2018;33(5):66-71。
226. 熊佳偉、顧紀鋒、石碗如、吳甦潛、麥爾哈巴·肖開提、朱依諄、莫曉芬\*。益母草域在大鼠急性內毒素性葡萄膜炎模型中的保護作用 (The protective effects of leonurine against acute endotoxin induced uveitis in rats)。復旦學報(醫學版)。2018;45(3):291-296,329。
227. 代巧妹、王美嶠、顏培宇\*、尚艷琦、梁慧、蔡文輝、王垚。針刺“足三里”對免疫抑制大鼠的作用及穴區 CGRP 表達影響的研究 (Effect of needling ST36 on immunosuppressive rats: Study of CGRP expression around acupoints)。針灸臨床雜誌。2018;34(5):49-52。
228. 尤洋、趙永華\*、劉敏。劉敏以烏梅丸治厥陰多汗證經驗介紹。新中醫。2018;50(5):248-249。
229. 唐珊珊、徐友華\*。中藥通過調節中性粒細胞活性治療自身免疫性疾病研究進展 (Research progress of Chinese medicine for autoimmune disease by adjusting activity of Neutrophils)。新中醫。2018;50(5):184-189。
230. 郁文亮、李智惠、于麗麗、華子春\*。利妥昔單抗單藥治療 HIV 陽性的多中心型 Castleman 病患者療效的 Meta 分析 (Evaluation on effectiveness of Rituximab monotherapy on HIV-positive multicenter Castleman's disease: A meta-analysis)。藥物生物技術。2018;25(2):135-141。
231. 汪宏雷、吳成志\*、李易陽。咽舒康口服液薄層鑒別及含量測定研究 (Identification and determination of Yanshukang oral liquid by thin-layer chromatography)。皖南醫學院學報。2018;37(2):116-119。
232. 羅發蘭\*、葉美華、梁詠珊、陳佳佳、鐘潔瓊。針刺治療對膝關節炎患者關節液骨代謝指標的影響。雲南中醫學院學報。2018;41(2):73-75。
233. 羅程、夏貞焰、趙永華\*。腦內神經元-星形膠質細胞能量代謝偶聯研究進展。重慶醫學。2018;47(9):1244-1247。

234. 張麗杰、申弘、胡萌、張均倡\*。中西醫學肝硬化逆轉問題探討。《中國中醫基礎醫學雜誌》。2018;24(3):339-341,391。
235. 黃煒、周路平、徐勇\*、徐友華、龍洋、高陳林。短鏈脂肪酸對高糖誘導的腎系膜細胞氧化應激-炎癥的影響 (Effects of short-chain fatty acids on oxidative stress and inflammation in glomerular mesangial cells induced by high glucose)。《中華內分泌代謝雜誌》。2018;34(3):239-245。
236. 陳麗姝、王大偉、趙永華\*。穴位埋線治療肥胖作用機制探討 (Discussion of mechanism on acupoint embedding for obesity)。《中國針灸》。2018;38(3):319-323。
237. 張麗杰、張均倡\*。肝硬化逆轉問題的思考:狹義與廣義。《中西醫結合肝病雜誌》。2018;28(1):1-4。
238. 林源、陳敏\*。小兒柴桂退熱顆粒的 UPLC 指紋圖譜及聚類、主成分分析 (UPLC fingerprint, cluster and principal component analysis of Xiao'er Chaigui Tuire granules)。《中國藥房》。2018;29(4):474-477。
239. 韓燿、莊禮興\*。莊禮興教授運用“調神針法”治療 Meige 綜合症經驗舉隅 (Experience of acupuncture manipulation of regulating Shen treating Meige syndrome by Professor Zhuang Li-Xing)。《針灸臨床雜誌》。2018;34(2):64-66。
240. 張曉希、萬曉剛\*。論吳瑭對葉天士瀉心法的理論傳承 (On Wu Tang's theoretical inheritance from Ye Tianshi's purging stomach-heat method)。《西部中醫藥》。2018;31(2):38-40。
241. 戴曦、李國平、楊小瓊、王孝藝、伍娟、梁麗嫻\*。Lyn 激酶對肺腺癌 EGFR 下游信號通路的調節作用研究 (Effects of Lyn kinase on EGFR signaling pathway in lung adenocarcinoma)。《中國癌症雜誌》。2018;28(1):43-49。
242. 宋玉玲、胡坪\*、趙詩怡、章弘揚、姜志宏\*、王月榮、張敏。HS-SPME/GC-MS 結合化學計量學鑒別不同菌種發酵蟲草產品及揮發性成分分析 (Distinction of fermented Cordyceps products from different strains and analysis of their volatile components by HS-SPME/GC-MS combined with chemometrics analysis)。《藥物分析雜誌》。2018;38(1):67-78。
243. 張藏蔓、盧敬光、謝啟師、王丹、詹華杏、高進、王靜蓉、姜志宏\*。基於 UHPLC-TOF-MS 技術建立金線蓮的指紋圖譜及金線蓮苷的含量測定方法 (Establishment of fingerprint and determination of Kinsenoside of Herba Anoectochili from different sources by UHPLC-TOF-MS)。《中國實驗方劑學雜誌》。2018;24(1):37-43。
244. 姚元貴、張麗艷\*、謝立敏、周英、王靜蓉、姜志宏、唐靖雯、俸婷婷、薛鑫宇。頭花蓼不同極性部位抑菌作用的譜效學分析 (Spectrum-effect relationship of antibacterial effect of different polar part of Polygonum capitatum)。《中國實驗方劑學雜誌》。2018;24(1):20-25。
245. 崔紹漢。漫畫中醫·崔博士拆解藥食謬誤。《天地圖書》。978-988-8258-71-0。
246. 崔紹漢。通則不痛百病消。《天地圖書》。978-988-8258-70-3。