

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.** . 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.** . 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.** . 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.** . 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.** . 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.** . 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.** . 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.** . 2018;46(Suppl 3):S297-S307.
9. Y-H Zhu* and N-S Hosmane*. **Liquid-phase synthesis of Boron Isocyanates: Precursors to Boron nanoparticles.** . 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 Hetes levels closely related to glutathione peroxidases in allergic asthma.** . 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.** . 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.** . 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*. **Palmitine ameliorated murine colitis by suppressing**

- tryptophan metabolism and regulating gut microbiota. . 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.** . 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.** . 2018;191:148-161.
 16. W-Y Wang, H Zhou and L Liu*. **Side effects of methotrexate therapy for rheumatoid arthritis: A systematic review.** . 2018;158:502-516.
 17. M-X Liu*, C Veryser, 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.** . 2018;224:421-428.
 18. 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.** . 2018;19(10):3023.
 19. 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.** . 2018;90(19):11210-11215.
 20. 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.** . 2018;7(10):giv107.
 21. 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)/SnO₂ core/shell hybrids for photothermal therapy.** . 2018;35(10):1800238.
 22. 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.** . 2018;68(4):1260-1276.
 23. 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.** . 2018;57(40):13091-13095.
 24. 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.** . 2018;10(38):32180-32191.
 25. 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.** . 2018;20(18):5813-5816.
 26. 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.** . 2018;18(17):2547-2562.
 27. 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.** . 2018;238(3):231-244.
 28. 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.** .

2018;22(9):4024-4033.

29. 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.** . 2018;8:13009.
30. 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.** . 2018;66(34):8991-8998.
31. 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.** . 2018;132(8):837-848.
32. Y-Z Zhu*, W-J Wu, Q Zhu and X-H Liu*. **Discovery of Leonuri and therapeutical applications: From bench to bedside.** . 2018;188:26-35.
33. 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-**

45. 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.** . 2018;67(Suppl 2):A5-A6.
46. 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.** . 2018;32(6):1317-1326.
47. 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.** . 2018;141(6):2268-2271.e8.
48. 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.** . 2018;114(7):1016-1028.
49. 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.** . 2018;45:84-92.
50. 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.** . 2018;45:8-17.
51. C-X Liu*, L Liu and D-A Guo. **Quality marker of TCMs: concept and applications.** . 2018;44:85-96.
52. 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.** . 2018;44:20-31.
53. C-X Liu*, D-A Guo and L Liu. **Quality transitivity and traceability system of herbal medicine products based on quality markers.** . 2018;44:247-257.
54. 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.** . 2018;44:239-246.
55. 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.** . 2018;44:187-203.
56. 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.** . 2018;44:87-97.
57. 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.** . 2018;7(5):giy055.
58. 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 CO₂ reduction efficiency on nanoporous gold.** . 2018;10(18):8372-8376.
59. H-M Liu, B-C Wang, D-H Li, X-Y Zeng, X Tang, Q-S Gao, J-Y Cai and H-H Cai*. **MoS₂ nanosheets with peroxidase mimicking activity as viable dual-mode optical probes for determination and imaging of intracellular hydrogen peroxide.** . 2018;185(6):287.
60. 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. . 2018;9(5):503.
61. 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.** . 2018;15(4):1664-1673.
 62. 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.** . 2018;13(4):666-680.
 63. 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.** . 2018;130:110-122.
 64. 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.** . 2018;9(3):361.
 65. 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.** . 2018;8(1):3903.
 66. 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.** . 2018;37(10):1354-1368.
 67. 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.** . 2018;5(3):1700585.
 68. 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.** . 2018;149:153-162.
 69. 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.** . 2018;179:658-667.
 70. 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.** . 2018;83(4):2376-2381.
 71. 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.** . 2018;9(2):216.
 72. 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.** . 2018;28(5):339-349.
 73. 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.** . 2018;66(5):1105-1113.
 74. S Zhu, D-Y Zhao, L Yan, W-H Jiang, J-K Kim, B-W Gu, Q-P Liu, R Wang, B Xiao, C-Zhao, M Song, W-Y Mi, R-F Wang, X-B

76. 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.** . 2018;25(2):123-130.
77. 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.** . 2018;32(2):402-412.
78. 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.** . 2018;128:153-166.
79. 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.** . 2018;115:471-483.
80. 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.** . 2018;20(2):453-456.
81. 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.** . 2018;8(1):662.
82. 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.** . 2018;3(1):e00405-17.
83. 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.** . 2018;3(1):8-16.
84. 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.** . 2018;19(1):30.
85. 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.** . 2018;93(1):50-65.
86. 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.** . 2018;254:1133-1140.
87. 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 knock-out mice to ApoE knock-out mice.** . 2018;141(2S):AB286-AB286.

two *Aspilia* species. . 2018;23(12):3199.

91. 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.** . 2018;41(23):4253-4271.

2018;16(4):5059-5065.

107. H-H Huang* and Y Liang. **Hybrid $L_{1/2+2}$ method for gene selection in the Cox proportional hazards model.**

. 2018;164:65-73.

108. 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**

. 2018;9:732.

123. J-H Jiang, J Pi and J-Y Cai*. **The advancing of zinc oxide nanoparticles for biomedical applications.** . 2018;2018:1062562.
124. 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.** . 2018;7:710.
125. 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.** . 2018;39(7):344-353.
126. 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 *Dichotomyces cejpui* F31-1 and the antiviral activity of Scequinadoline A against Dengue virus.** . 2018;16(7):229.
127. 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.** . 2018;4(7):626-630.
128. 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.** . 2018;40(1):155-164.
129. 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.** . 2018;103:1592-1601.
130. 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 *Lagereria pterodonta* inhibits influenza A virus infection through the TLR7/MyD88/IRAK4/NF-kappa B signaling pathway.** . 2018;18(1):523-531.
131. 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.** . 2018;29(4S):365-374.
132. 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.** . 2018;36(7):342.e7-e14.
133. 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.** . 2018;29(4S):398-405.
134. J-L Ren, A-H Zhang, L-Kong and X-J Wang*. **Advances in mass spectrometry-based metabolomics for investigation of metabolites.** . 2018;8(40):22335-22350.
135. 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.** . 2018;9:699.
136. 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.** . 2018;2018:9576959.
137. 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.** . 2018;23(6):1426.

138. 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.** . 2018;19(1):99.
139. 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.** . 2018;410(15):3587-3595.
140. 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.** . 2018;108:226-236.
141. 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.** . 2018;9:588.
142. 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.** . 2018;8(34):19238-19250.
143. 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.** . 2018;9:519.
144. 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 Baijju decoction (a classical traditional Chinese medicine prescription) in rats by ultra-performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry.** . 2018;1085:72-88.
145. 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.** . 2018;13(9):902-908.
146. 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.** . 2018;214(5):691-699.
147. 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.** . 2018;200:115-125.
148. 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.** . 2018;1083:93-101.
149. 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.** . 2018;23(4):884.
150. 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.** . 2018;35(6):114.
151. 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.** . 2018;9:296.
152. 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.**

. 2018;35(4):706-714.

153. 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.** . 2018;36(2):65-83.
154. 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.** . 2018;100:176-183.
155. 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.** . 2018;48:79-88.
156. 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.** . 2018;8(22):11983-11990.
157. 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.** . 2018;9:236
158. 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.** . 2018;151:126-132.
159. 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_{DB} to gain insights into the discovery of small-molecule PPI inhibitors.** . 2018;122(9):2544-2555.
160. 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.** . 2018;56:65-70.
161. 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.** . 2018;1862(3):576-588.
162. 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.** . 2018;9:173.
163. 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.** . 2018;48(3):242-247.
164. 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.** . 2018;2018:8237590.
165. 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.** . 2018;2018:7078217.
166. 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.** . 2018;1537:141-146.
167. 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.** . 2018;8(14):7403-7413.

168. 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***. . 2018;28(4):814-819.
169. 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**. . 2018;22(2):154-163.
170. 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**. . 2018;41(1):260-275.
171. 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**. . 2018;592(3):380-393.
172. 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**. . 2018;98:157-164.
173. X-L Liao, J-J Huang, W-J Lin, Z Long, Y Xie and W-Z Ma*. **APT_M, a Thiophene heterocyclic compound, inhibits human colon cancer HCT116 cell proliferation through p53-dependent induction of apoptosis**. . 2018;37(2):70-77.
174. 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**. . 2018;41:191-201.
175. 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**. . 2018;992):801-817.
176. 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**. . 2018;8:962.
177. 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**. . 2018;86(1):43-56.
178. 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**. . 2018;124:73-79.
179. 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**. . 2018;11:1-8.
180. 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-arthritis Chinese medicine formulation QFJBT ()**. . 2018;1(4):289-301.
181. H-H Huang*, J-G Dai and Y Liang. **Clinical drug response prediction by using a Lq penalized network-constrained logistic regression method**. . 2018;51(5):2073-2084.
182. 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**. . 2018;9(46):28226-28239.

183. 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.** . 2018;9(3):3338-3352.
184. 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.** . 2018;47(2):458-474.
185. 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.** . 2018;9(1):122-141.
186. _____ _____ _____ _____* (Chemical constituents study of *Lycopodium Japonicum*) 2018;35(12):1859-1864
187. _____ _____* UPLC-MS (Spectrum-effect relationship of anti-inflammatory effect of different part from *Polygonum capitatum*) 2018;49(21):5134-5141
188. _____ _____ _____* (Anti-inflammatory effects and mechanism of total saponins of Tibetan medicine *Morina nepalensis* var. *alba*) 2018;34(5):47-50
189. _____ _____* 2018;40(9):1415-1418
190. _____ _____* (Analysis of Qianhuo Shengshitang based on ancient literature) 2018;24(17):1-5
191. _____ (Effect of Celastrol on the proliferation and apoptosis of Hela cell) 2018;16(3):1-9
192. _____* _____ NLRP3 (Role of sweet taste receptors in the activation of NLRP3 inflammasome signaling in diabetic kidney disease) 2018;34(7):587-593
193. _____* _____ Schrödinger (Applying virtual drug screening workflow module of Schrödinger into college bioinformatics and chemoinformatics teaching) 2018;33(5):66-71
194. _____ _____ _____* HIV Castleman Meta (Evaluation on effectiveness of Rituximab monotherapy on HIV-positive multicenter Castleman's disease: A meta-analysis) 2018;25(2):135-141
195. _____ _____* Lyn EGFR (Effects of Lyn kinase on EGFR signaling pathway in lung adenocarcinoma) 2018;28(1):43-49
196. _____ _____ _____* UHPLC-TOF-MS (Establishment of fingerprint and determination of Kinsenoside of *Herba Anoectochili* from different sources by UHPLC-TOF-MS) 2018;24(1):37-43
197. _____ _____* (Spectrum-effect relationship of antibacterial effect of different polar part of *Polygonum capitatum*) 2018;24(1):20-25
198. _____ 978-988-8258-71-0
199. _____ 978-988-8258-70-3