

Published papers (2015)

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. W-Z Ma, S-L Feng, X-J Yao, Z-W Yuan, L Liu and Y Xie*. **Nobiletin enhances the efficacy of chemotherapeutic agents in ABCB1 overexpression cancer cells.** *Sci Rep.* 2015;5:18789.
2. H-H Cai*, J Pi, X-Y Lin, B-L Li, A-Q Li, P-H Yang* and J-Y Cai. **Gold nanoprobe-based resonance Rayleigh scattering assay platform: Sensitive cytosensing of breast cancer cells and facile monitoring of folate receptor expression.** *Biosens Bioelectron.* 2015;74:165-169.
3. P Dobrynin, S-P Liu, G Tanazian, Z-J Xiong, A-A Yurchenko, K Krasheninnikova, S Kliver, A Achmidt-Kuntzel, K-P Koepfli, W Johnson, L-F-K Kuderna, R Garcia-Perez, M de Manuel, R Godinez, A Komissarov, A Makunin, V Brukhin, W-L Qiu, L Zhou, F Li, J Yi, C Driscoll, A Antunes, T-K Oleksyk, E Eizirik, P Perelman, M Roelke, D Wildt, M Diekhans, T Marques-Bonet, L Marker, J Bhak, J Wang, G-J Zhang and S-J O'Brien*. **Genomic legacy of the African cheetah, *Acinonyx jubatus*.** *Genome Biol.* 2015;16:277.
4. K Forslund, F Hildebrand, T Nielsen, G Falony, E Le Chatelier, S Sunagawa, E Prifti, S Vieira-Silva, V Gudmundsdottir, H-K Pedersen, M Arumugam, K Kristiansen, A-Y Voigt, H Vestergaard, R Hercog, P-I Costea, J-R Kultima, J-H Li, T Jorgensen, F Levenez, J Dore, H-B Nielsen, S Brunak, J Raes, T Hansen, J Wang, S-D Ehrlich*, P Bork* and O Pedersen*. **Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota.** *Nature.* 2015;528(7581):262-266.
5. Y Yang, R-J Ou, S-X Guan*, X-L Ye, B Hu, Y Zhang, S-F Lu, Y-B Zhou, Z-W Yuan, J Zhang and Q-G Li. **A novel drug delivery gel of terbinafine hydrochloride with high penetration for external use.** *Drug Deliv.* 2015;22(8):1086-1093.
6. J-R Guo, Q-Q Chen, C-W-K Lam, C-Y Wang, V-K-W Wong, F-G Xu, Z-H Jiang and W Zhang*. **Application of artificial neural network to investigate the effects of 5-fluorouracil on ribonucleotides and deoxyribonucleotides in HepG2 cells.** *Sci Rep.* 2015;5:16861.
7. A-G Wu, V-K-W Wong, W Zeng, L Liu* and B-Y-K Law*. **Identification of novel autophagic *Radix Polygalae* fraction by cell membrane chromatography and UHPLC-(Q)TOF-MS for degradation of neurodegenerative disease proteins.** *Sci Rep.* 2015;5:17199.
8. L-L Lu, X-H Liu, E-L-H Leung, Y Wang, J Shi, M Hu, L Liu* and Z-Q Liu*. **The bioavailability barrier and personalized traditional Chinese medicine.** *Science.* 2015;350(6262):S79-S81.
9. J Li, B-X Zhou, C-F Li, Q Chen, Y-T Wang, Z-T Li, T-T Chen, C-G Yang, Z-H Jiang, N-S Zhong, Z-F Yang* and R-C Chen*. **Lariciresinol-4-O- β -D-glucopyranoside from the root of *Isatis indigotica* inhibits influenza A virus-induced pro-inflammatory response.** *J Ethnopharmacol.* 2015;174:379-386.
10. X-X Fan, X-J Yao, S-W Xu, V-K-W Wong, J-X He, J Ding, J W-W Xue, T Mujtaba, T F Michelangeli, M Huang, J Huang, D-K Xiao, Z-B Jiang, Y-L Zhou, R-K Kam, L Liu* and E-L-H Leung*. **(Z) 3, 4, 5, 4'-trans-tetramethoxystilbene, a new analogue of resveratrol, inhibits gefitinib-resistant non-small cell lung cancer via selectively elevating intracellular calcium level.** *Sci Rep.* 2015;5:16348.
11. Z-W Yuan, E-L-H Leung, X-X Fan, H Zhou, W-Z Ma, L Liu* and Y Xie*. **Quantitative evaluation of berberine subcellular distribution and cellular accumulation in non-small cell lung cancer cells by UPLC-MS/MS.** *Talanta.* 2015;144:20-28.
12. Q-Q Wang, S-Y Zhou, W Wei, X-J Yao, H-X Liu* and Z-D Hu. **Computational insights into the inhibition and destabilization of morin on the oligomer of full-length human islet amyloid polypeptide.** *Phys Chem Chem Phys.* 2015;17(43):29103-29112.

13. T Li, V-K-W Wong, Z-H Jiang, S-P Jiang, Y Liu, T-Y Wang, X-J Yao, X-H Su, F-G Yan, J Liu, E-L-H Leung, X-Q Yi, Y-F Wong, H Zhou* and L Liu*. **Mutation of cysteine 46 in IKK-beta increases inflammatory responses.** *Oncotarget*. 2015;6(31):31805-31819.
14. L Zhang, J Pi, Q-P Shi, J-Y Cai, P-H Yang* and Z-H Liang*. **In situ single molecule detection of insulin receptors on erythrocytes from a type 1 diabetes ketoacidosis patient by atomic force microscopy.** *Analyst*. 2015;140(21):7407-7416.
15. U Platzbecker*, R-S-M Wong, A Verma, C Abboud, S Arauji, T-J Chiou, J Feigert, S-P Yeh, K Gotze, N-C Gorin, P Greenberg, S Kambhampati, Y-J Kim, J-H Lee, R Lyons, M Ruggeri, V Santini, G Cheng, J-H Jang, C-Y Chen, B Johnson, J Bennett, F Mannino, Y-M Kamel, N Stone, S Dougherty, G-R Chan and A Giagounidis. **Safety and tolerability of eltrombopag versus placebo for treatment of thrombocytopenia in patients with advanced myelodysplastic syndromes or acute myeloid leukaemia: a multicentre, randomised, placebo-controlled, double-blind, phase 1/2 trial.** *Lancet Haematol*. 2015;2(10):e417-e426.
16. L Xiao, Q Feng, S-S Liang, S-B Sonne, Z-K Xia, X-M Qiu, X-P Li, H Long, J-F Zhang, D-Y Zhang, C Liu, Z-W Fang, J Chou, J Glanville, Q Hao, D Kotowska, C Colding, T-R Licht, D-H Wu, J Yu, J-J-Y Sung, Q-Y Liang, J-H Li, H-J Jia, Z Lan, V Tremaroli, P Dworzynski, H-B Nielsen, F Backhed, J Dore, E LeChatelier, S-D Ehrlich, J-C Lin, M Arumugam, J Wang*, L Madsen* and K Kristiansen*. **A catalog of the mouse gut metagenome.** *Nat Biotechnol*. 2015;33(10):1103-1108.
17. The UK10K Consortium, The UCLEB Consortium (J Wang, N Soranzo* and others). **The UK10K project identifies rare variants in health and disease.** *Nature*. 2015;526:82-91.
18. The 1000 Genomes Project Consortium (J Wang, A Auton*, G-R Abecasis* and others). **A global reference for human genetic variation.** *Nature*. 2015;526:68-74.
19. Y-H Xu*, J-F Xiong, Y-H Zhao, B He, Z-G Zheng, G-J Chu and Q Zhu*. **Calycosin rebalances advanced Glycation end products-induced glucose uptake dysfunction of Hepatocyte in vitro.** *Am J Chin Med*. 2015;43(6):1191-1210.
20. B Wen, C-Q Du, G-L Li, F Ghali, A-R Jones, L Kall, S-H Xu, R Zhou, Z Ren, Q Feng, X Xu and J Wang*. **IPEAK: An open source tool to combine results from multiple MS/MS search engines.** *Proteomics*. 2015;15(17):2916-2920.
21. C-M Sanchez, J-M-P Martin, J-S Jin, A Davalos, W Zhang, G de la Pena, J Martinez-Botas, S Rodriguez-Acebes, Y Suarez, M-J Hazen, D Gomez-Coronado, R Busto, Y-C Cheng and M-A Lasuncion*. **Disruption of the mevalonate pathway induces dNTP depletion and DNA damage.** *Biochim Biophys Acta*. 2015;1851(9):1240-1253.
22. K-P Devi, D-S Malar, S-F Nabavi, A Sureda, J-B Xiao, S-M Nabavi* and M Daglia*. **Kaempferol and inflammation: From chemistry to medicine.** *Pharmacol Res*. 2015;99:1-10.
23. M Era, Y Matsuo, T Shii, Y Saito, T Tanaka* and Z-H Jiang. **Diastereomeric Ellagitannin isomers from *Penthorum chinense*.** *J Nat Prod*. 2015;78(8):2104-2109.
24. Z-P Fu, X Chen, S-W Guan, Y-J Yan, H Lin and Z-C Hua*. **Curcumin inhibits angiogenesis and improves defective hematopoiesis induced by tumor-derived VEGF in tumor model through modulating VEGF-VEGFR2 signaling pathway.** *Oncotarget*. 2015;6(23):19469-19482.
25. W-N Gao, L-F Yau, L Liu, X Zeng, D-C Chen, M Jiang, J Liu, J-R Wang* and Z-H Jiang*. **Microfluidic chip-LC/MS-based glycomic analysis revealed distinct N-glycan profile of rat serum.** *Sci Rep*. 2015;5:12844.
26. L Chen, W-C-S Tai and W-W-L Hsiao*. **Dietary saponins from four popular herbal tea exert prebiotic-like effects on gut microbiota in C57BL/6 mice.** *J Funct Foods*. 2015;17:892-902.
27. W-I Chik, L Zhu, L-L Fan, T Yi*, G-Y Zhu, X-J Gou, Y-N Tang, J Xu, W-P Yeung, Z-Z Zhao, Z-L Yu and H-B Chen*. **Saussurea involucrata: A review of the botany, phytochemistry and ethnopharmacology of a rare traditional herbal medicine.** *J Ethnopharmacol*. 2015;172:44-60.

28. X Zhang*, D-Y Zhang, H-J Jia, Q Feng, D-H Wang, D Liang, X-N Wu, J-H Li, L-Q Tang, Y Li, Z Lan, B Chen, Y-L Li, H-Z Zhong, H-L Xie, Z-Y Jie, W-N Chen, S-M Tang, X-Q Xu, X-K Wang, X-H Cai, S Liu, Y Xia, J-Y Li, X-Y Qiao, J-Y Al-Aama, H Chen, L Wang, Q-J Wu, F-C Zhang, W-J Zheng, Y-Z Li, M-R Zhang, G-W Luo, W-B Xue, L Xiao, J Li, W-T Chen, X Xu, Y Yin, H-M Yang, J Wang, K Kristiansen, L Liu, T Li, Q-C Huang, Y-R Li* and J Wang*. **The oral and gut microbiomes are perturbed in rheumatoid arthritis and partly normalized after treatment.** *Nat Med.* 2015;21(8):895-905.
29. J Dong, C-K Wong*, Z Cai, D Jiao, M Chu and C-W-K Lam. **Amelioration of allergic airway inflammation in mice by regulatory IL-35 through dampening inflammatory dendritic cells.** *Allergy.* 2015;70(8):921-932.
30. X-X Fan, N Li, J-L Wu, Y-L Zhou, L Liu, J-X He and E-L-H Leung. **Tripterygium induces apoptosis in NSCLC via mitochondria dysfunction.** *Cancer Res.* 2015;75(Suppl 15):5563.
31. N Tsao, Y-J Deng, Z-F Chang and W Zhang. **Identification of the NDP kinase critical for DNA repair.** *Cancer Res.* 2015;75(Suppl 15):3014.
32. L Chen, M Singh, F-C-C Leung and W-W-L Hsiao. **The modulatory effects of cancer preventive herbal saponins on gut microbiota and mucosal environment in Apc^{Min/+} mice.** *Cancer Res.* 2015;75(Suppl 15):917.
33. N Cai, T-B Bigdeli, W Kretschmar, Y-H Li, J-Q Liang, L Song, J-C Hu, Q-B Li, W Jin, Z-F Hu, G-B Wang, L-M Wang, P-Y Qian, Y Liu, T Jiang, Y Lu, X-Q Zhang, Y Yin, Y-R Li, X Xu, J-F Gao, M Reimers, T Webb, B Riley, S Bacanu, R-E Peterson, Y-P Chen, H Zhong, Z-R Liu, G Wang, J Sun, H Sang, G-Q Jiang, X-Y Zhou, Y Li, Y Li, W Zhang, X-Y Wang, X Fang, R-D Pan, G-D Miao, Q-W Zhang, J Hu, F-Y Yu, B Du, W-H Sang, K-Q Li, G-B Chen, M Cai, L-J Yang, D-L Yang, B-W Ha, X-H Hong, H Deng, G-Y Li, K Li, Y Song, S-G Gao, J-B Zhang, Z-Y Gan, H-Q Meng, J-Y Pan, C-G Gao, K-R Zhang, N Sun, Y-H Li, Q-H Niu, Y-T Zhang, T-Q Liu, C-M Hu, Z Zhang, L-X Lv, J-C Dong, X-P Wang, M Tao, X-M Wang, J Xia, H Rong, Q He, T-B Liu, G-P Huang, Q-Y Mei, Z-M Shen, Y Liu, J-H Shen, T Tian, X-J Liu, W-Y Wu, D-H Gu, G-Y Fu, J-G Shi, Y-C Chen, X-C Gan, L-F Liu, L-N Wang, F-Z Yang, E-Z Cong, J Marchini, H-M Yang, J Wang, S-X Shi, R Mott, Q Xu*, J Wang*, K-S Kendler* and J Flint*. **Sparse whole-genome sequencing identifies two loci for major depressive disorder.** *Nature.* 2015;523(7562):588-591.
34. M Chen, X-Y Tang, S-P Yang, H-H Li, H-Q Zhao, Z-H Jiang, J-X Chen* and W-H Chen*. **Five water-soluble zwitterionic copper(ii)-carboxylate polymers: role of dipyriddy coligands in enhancing the DNA-binding, cleaving and anticancer activities.** *Dalton Trans.* 2015;44(29):13369-13377.
35. H-Z Cao, H-L Wu, R-B Luo, S-J Huang, Y-H Sun, X Tong, Y-L Xie, B-H Liu, H-L Yang, H-C Zheng, J Li, B Li, Y Wang, F Yang, P Sun, S-Y Liu, P Gao, H-D Huang, J Sun, D Chen, G-Z He, W-H Huang, Z Huang, Y Li, L-C-A-M Tellier, X Liu, Q Feng, X Xu, X-Q Zhang, L Bolund, A Krogh, K Kristiansen, R Drmanac, S Drmanac, R Nielsen, S-G Li, J Wang, H-M Yang, Y-R Li*, G-K-S Wong* and J Wang*. **De novo assembly of a haplotype-resolved human genome.** *Nat Biotechnol.* 2015;33(6):617-622.
36. K-M Kapheim*, H-L Pan, C Li, S-L Salzberg, D Puiu, T Magoc, H-M Robertson, M-E Hudson, A Venkat, B-J Fischman, A Hernandez, M Yandell, D Ence, C Holt, G-D Yocum, W-P Kemp, J Bosch, R-M Waterhouse, E-M Zdobnov, E Stolle, F-B Kraus, S Helbing, R-F-A Moritz, K-M Glastad, B-G Hunt, M-A-D Goodisman, F Hauser, C-J-P Grimmelikhuijzen, D-G Pinheiro, F-M-F Nunes, M-P-M Soares, E-D Tanaka, Z-L-P Simoes, K Hartfelder, J-D Evans, S-M Barribeau, R-M Johnson, J-H Massey, B-R Southey, M Hasselmann, D Hamacher, M Biewer, C-F Kent, A Zayed, C Blatti, S Sinha, J-S Johnston, S-J Hanrahan, S-D Kocher, J Wang*, G-E Robinson* and G-J Zhang*. **Genomic signatures of evolutionary transitions from solitary to group living.** *Science.* 2015;348(6239):1139-1143.
37. F Backhed*, J Roswall, Y-Q Peng, Q Feng, H-J Jia, P Kovatcheva-Datchary, Y Li, Y Xia, H-L Xie, H-Z Zhong, M-T Khan, J-F Zhang, J-H Li, L Xiao, J Al-Aama, D-Y Zhang, Y-S Lee, D Kotowska, C Colding, V Tremaroli, Y Yin, S Bergman, X Xu, L Madsen, K Kristiansen, J Dahlgren* and J Wang*. **Dynamics and stabilization of the human gut microbiome during the first year of life.** *Cell Host Microbe.* 2015;17(5):690-703.

38. N Cai, S Chang, Y-H Li, Q-B Li, J-C Hu, J-Q Liang, L Song, W Kretzschmar, X-C Gan, J Nicod, M Rivera, H Deng, B Du, K-Q Li, W-H Sang, J-F Gao, S-G Gao, B-W Ha, H-Y Ho, C-M Hu, J Hu, Z-F Hu, G-P Huang, G-Q Jiang, T Jiang, W Jin, G-Y Li, K Li, Y Li, Y-R Li, Y-H Li, Y-T Lin, L-F Liu, T-B Liu, Y Liu, Y Liu, Y Lu, L-X Lv, H-Q Meng, P-Y Qian, H Sang, J-H Shen, J-G Shi, J Sun, M Tao, G Wang, G-B-Wang, J Wang, L-M Wang, X-Y Wang, X-M Wang, H-M Yang, L-J Yang, Y Yin, J-B Zhang, K-R Zhang, N Sun, W Zhang, X-Q Zhang, Z Zhang, H Zhong, G Breen, J Wang, J Marchini, Y-P Chen, Q Xu, X Xu, R Mott, G-J Huang, K Kendler and J Flint*. **Molecular signatures of major depression.** *Curr Biol.* 2015;25(9):1146-1156.
39. L-W-C Chow, C-K Lam and W-T-Y Loo. **OOTR-N007: A phase II neoadjuvant study of letrozole plus palbociclib in postmenopausal patients with ER positive, HER2 negative breast cancer.** *Cancer Res.* 2015;75(Suppl 9):P6-11-04.
40. C-C Ke, K-C Chan, N-W Liu, J-C Chen, Y-Y Chen, Y-H Zhao and R-S Liu. **Metabolic change of photochemically-induced brain ischemia.** *J Nucl Med.* 2015;56(Suppl 3):1547.
41. L Liu, L Liu, E-L-H Leung, A-J Cooney, C-Y Chen, T-K Rosengare, Y-P Ma and J-C Yang*. **Knockdown of SALL4 protein enhances all-trans Retinoic acid-induced cellular differentiation in acute Myeloid leukemia cells.** *J Biol Chem.* 2015;290(17):10599-10609.
42. T Bataillon*, J-J Duan, C Hvilsom, X Jin, Y-R Li, L Skov, S Glemin, K Munch, T Jiang, Y Qian, A Hobolth, J Wang, T Mailund, H-R Siegismund* and M-H Schierup*. **Inference of purifying and positive selection in three subspecies of chimpanzees (Pan troglodytes) from exome sequencing.** *Genome Biol Evol.* 2015;7(4):1122-1132.
43. J-R Wang, L-F Yau, T-T Tong, Q-T Feng, L-P Bai, J Ma, M Hu, L Liu* and Z-H Jiang*. **Characterization of oxygenated metabolites of ginsenoside Rb₁ in plasma and urine of rat.** *J Agric Food Chem.* 2015;63(10):2689-2700.
44. Y-B Sun, Z-J Xiong, X-Y Xiang, S-P Liu, W-W Zhou, X-L Tu, L Zhong, L Wang, D-D Wu, B-L Zhang, C-L Zhu, M-M Yang, H-M Chen, F Li, L Zhou, S-H Feng, C Huang, G-J Zhang, D Irwin, D-M Hillis*, R-W Murphy, H-M Yang, J Che*, J Wang* and Y-P Zhang*. **Whole-genome sequence of the Tibetan frog Nanorana parkeri and the comparative evolution of tetrapod genomes.** *Proc Natl Acad Sci U S A.* 2015;112(11):E1257-E1262.
45. Q Feng, S-S Liang, H-J Jia, A Stadlmayr, L-Q Tang, Z Lan, D-Y Zhang, H-H Xia, X-Y Xu, Z-Y Jie, L-L Su, X-P Li, X Li, J-H Li, L Xiao, U Huber-Schonauer, D Niederseer, X Xu, J-Y Al-Aama, H-M Yang, J Wang, K Kristiansen, M Arumugam, H Tilg*, C Datz* and J Wang*. **Gut microbiome development along the colorectal adenoma-carcinoma sequence.** *Nat Commun.* 2015;6:6528.
46. E-D Jarvis*, S Mirarab, A-J Aberer, B Li, P Houde, C Li, S-Y-W Ho, B-C Faircloth, B Nabholz, J-T Howard, A Suh, C-C Weber, R-R da Fonseca, A Alfaro-Nunez, N Narula, L Liu, D Burt, H Ellegren, S-V Edwards, A Stamatakis, D-P Mindell, J Cracraft, E-L Braun, T Warnow*, J Wang*, M-T-P Gilbert*, G-J Zhang* and The Avian Phylogenomics Consortium. **Phylogenomic analyses data of the avian phylogenomics project.** *Gigascience.* 2015;4:4.
47. J-B Xiao* and P Hogger. **Stability of dietary Polyphenols under the cell culture conditions: Avoiding erroneous conclusions.** *J Agric Food Chem.* 2015;63(5):1547-1557.
48. J Liu and R-X Wang*. **Classification of current scoring functions.** *J Chem Inf Model.* 2015;55(3):475-482.
49. Z-H Liu, Y Li, L Han, J Li, J Liu, Z-X Zhao, W Nie, Y-C Liu and R-X Wang*. **PDB-wide collection of binding data: current status of the PDBbind database.** *Bioinformatics.* 2015;31(3):405-412.
50. H Cao, X-Q Chen*, A-R Jassbi and J-B Xiao*. **Microbial biotransformation of bioactive flavonoids.** *Biotechnol Adv.* 2015;33(1):214-223.
51. J-R Wang, W-D Guan, L-F Yau, W-N Gao, Y-Q Zhan, L Liu, Z-F Yang* and Z-H Jiang*. **Glycomic signatures on serum IgGs for prediction of postvaccination response.** *Sci Rep.* 2015;5:7648.
52. Z-F Yang, E-L-H Leung, L Liu, Z-H Jiang and N-S Zhong*. **Developing influenza treatments using traditional Chinese medicine.** *Science.* 2015;347(6219):S35-S37.

53. W-C Yang, L Zhu, Y-M Qiu, B-X Zhou, J-L Cheng, C-L Wei, H-C Chen, L-Y Li, X-D Fu and J-J Fu*. **Isolation and analysis of cell-free fetal DNA from maternal peripheral blood in Chinese women.** *Genet Mol Res.* 2015;14(4):18078-18089.
54. M-Z Zhu, X Dong and M-Q Guo*. **Phenolic profiling of *Duchesnea indica* combining macroporous resin chromatography (MRC) with HPLC-ESI-MS/MS and ESI-IT-MS.** *Molecules.* 2015;20(12):22463-22475.
55. P Luo, G-T Dong, L Liu* and H Zhou*. **The long-term consumption of Ginseng extract reduces the susceptibility of intermediate-aged hearts to acute ischemia reperfusion injury.** *PLoS One.* 2015;10(12):e0144733.
56. Y-J Hsieh, L Hwu, C-C Ke, A-L Huang, F-D Chen, S-J Wu, S-C-J Chen, Y-H Zhao and R-S Liu*. **Demonstration of tightly radiation-controlled molecular switch based on CArG repeats by in vivo molecular imaging.** *Mol Imaging Biol.* 2015;17(6):802-810.
57. C-F Liu, Y Yang, D-N Sun, C Wang, H Wang, S-W Jia, L Liu and N Lin*. **Total Saponin from *Anemone flaccida* Fr. Schmidt prevents bone destruction in experimental Rheumatoid Arthritis via inhibiting Osteoclastogenesis.** *Rejuvenation Res.* 2015;18(6):528-542.
58. C-L Wei, J-L Cheng, W-C Yang, L-Y Li, H-C Cheng and J-J Fu*. **Identification of the origin of marker chromosomes by two-color fluorescence in situ hybridization and polymerase chain reaction in azoospermic patients.** *Genet Mol Res.* 2015;14(4):14488-14495.
59. W-Y Gu, N Li*, E-L-H Leung, H Zhou, X-J Yao, L Liu and J-L Wu*. **Rapid identification of new minor chemical constituents from *Smilacis Glabrae* Rhizoma by combined use of UHPLC-Q-TOF-MS, preparative HPLC and UHPLC-SPE-NMR-MS techniques.** *Phytochem Anal.* 2015;26(6):428-435.
60. Z-Q Mei, B-X Zhou, C-L Wei, J-L Cheng, S Imani, H-C Chen and J-J Fu*. **Genetic authentication of *Gardenia jasminoides* Ellis var. *grandiflora* Nakai by improved RAPD-derived DNA markers.** *Molecules.* 2015;20(11):20219-20229.
61. M Chu, C-K Wong, Z Cai, J Dong, D Jiao, N-W Kam, C-W-K Lam and L-S Tam*. **Elevated expression and pro-inflammatory activity of IL-36 in patients with systemic lupus erythematosus.** *Molecules.* 2015;20(10):19588-19604.
62. J Pi, H-H Cai, H Jin, F Yang, J-H Jiang, A-G Wu, H-Y Zhu, J-X Liu, X-H Su, P-H Yang and J-Y Cai*. **Qualitative and quantitative analysis of ROS-mediated Oridonin-induced Oesophageal cancer KYSE-150 cell apoptosis by atomic force microscopy.** *PLoS One.* 2015;10(10):e0140935.
63. Z Cai, C-K Wong, N-W Kam, J Dong, D Jiao, M Chu, C-W-K Lam and L-S Tam*. **Aberrant expression of regulatory cytokine IL-35 in patients with systemic lupus erythematosus.** *Lupus.* 2015;24(12):1257-1266.
64. L-F Huang, T Li, H Zhou, P Qiu, J-L Wu* and L Liu*. **Sinomenine potentiates degranulation of RBL-2H3 basophils via up-regulation of phospholipase A(2) phosphorylation by Annexin A1 cleavage and ERK phosphorylation without influencing on calcium mobilization.** *Int Immunopharmacol.* 2015;28(2):945-951.
65. R Wang, C-Y Zhang, L-P Bai, H-D Pan, L-M Shu, A-N-T Kong, E-L-H Leung, L Liu* and T Li*. **Flavonoids derived from liquorice suppress murine macrophage activation by up-regulating heme oxygenase-1 independent of Nrf2 activation.** *Int Immunopharmacol.* 2015;28(2):917-924.
66. Q-Q Chen, J-R Guo, H-Y Fan, C-Y Wang, F-G Xu and W Zhang*. **Determination of corilagin in rat plasma using a liquid chromatography-electrospray ionization tandem mass spectrometric method.** *Biomed Chromatogr.* 2015;29(10):1553-1558.
67. Y-H Li, W-C-S Tai, J-Y Xue, W-Y Wong, C Lu, J-Q Ruan, N Li, T-F Wan, W-Y Chan, W-W-L Hsiao* and G Lin*. **Proteomic study of Pyrrolizidine alkaloid-induced hepatic sinusoidal obstruction syndrome in rats.** *Chem Res Toxicol.* 2015;28(9):1715-1727.

68. H Chai, Y Liang* and X-Y Liu. **The $L_{1/2}$ regularization approach for survival analysis in the accelerated failure time model.** *Comput.Biol.Med.* 2015;64:283-290.
69. Y-Y Xie, L Li, Q Shao*, Y-M Wang, Q-L Liang, H-Y Zhang, P Sun, M-Q Qiao and G-A Luo*. **Urinary metabolomics study on an induced-stress rat model using UPLC-QTOF/MS.** *RSC Adv.* 2015;5(92):75111-75120.
70. H-H Huang, X-Y Liu, Y Liang*, H Chai and L-Y Xia. **Identification of 13 blood-based gene expression signatures to accurately distinguish tuberculosis from other pulmonary diseases and healthy controls.** *Biomed Mater Eng.* 2015;26(Suppl 1):S1837-S1843.
71. L Yi, J-F Luo, B-B Xie, J-X Liu, J-Y Wang, L Liu, P-X Wang, H Zhou* and Y Dong*. **$\alpha 7$ Nicotinic Acetylcholine receptor is a novel mediator of Sinomenine anti-inflammation effect in macrophages stimulated by Lipopolysaccharide.** *Shock.* 2015;44(2):188-195.
72. Z Cai, C-K Wong, J Dong, M Chu, D Jiao, N-W Kam, C-W-K Lam and L-S Tam*. **Remission of systemic lupus erythematosus disease activity with regulatory cytokine interleukin (IL)-35 in Murphy Roths Large (MRL)/lpr mice.** *Clin Exp Immunol.* 2015;181(2):253-266.
73. Z-H Liu, J Li, J Liu, Y-C Liu, W Nie, L Han, Y Li and R-X Wang*. **Cross-Mapping of protein - Ligand binding data between ChEMBL and PDBbind.** *Mol Informatics.* 2015;34(8):568-576.
74. F-F Cai, Y Li, M Zhang, H-Y Zhang, Y-R Wang and P Hu*. **Combination of integrated expanded bed adsorption chromatography and countercurrent chromatography for the direct extraction and purification of pseudohypericin and hypericin from St. John's wort (*Hypericum perforatum* L.).** *J Sep Sci.* 2015;38(15):2588-2596.
75. J-R Guo, Q-Q Chen, C-W-K Lam and W Zhang*. **Effects of karanjin on cell cycle arrest and apoptosis in human A549, HepG2 and HL-60 cancer cells.** *Biol Res.* 2015;48:UNSP40.
76. J Li, H-F Wang, G Chen, S-D Huang, W-Y Zhang, H-M Hua and Y-H Pei*. **Structure determination of two new bisabolane-type sesquiterpenes from the rhizomes of *Curcuma longa* by NMR spectroscopy.** *Magn Reson Chem.* 2015;53(7):436-538.
77. F Yang, L-C Gong, H Jin, J Pi, H-H Bai, H Wang, H Cai, P-H Yang and J-Y Cai*. **Chrysin-organogermanium (IV) complex induced Colo205 cell apoptosis-associated mitochondrial function and anti-angiogenesis.** *Scanning.* 2015;37(4):246-257.
78. L-J Zhu, L-L Lu, S Zeng, F-F Luo, P-M Dai, P Wu, Y Wang, L Liu, M Hu and Z-Q Liu*. **UDP-Glucuronosyltransferases 1A6 and 1A9 are the major isozymes responsible for the 7-O-Glucuronidation of Esculetin and 4-Methylesculetin in human liver microsomes.** *Drug Metab Dispos.* 2015;43(7):977-983.
79. H-H Huang, Y Liang* and X-Y Liu. **Network-based logistic classification with an enhanced solver reveals biomarker and $L_{1/2}$ subnetwork signatures for diagnosing lung cancer.** *Biomed Res Int.* 2015:2015:713953.
80. Y-F Li, B Yu, J-S Sun* and R-X Wang*. **Efficient synthesis of baicalin and its analogs.** *Tetrahedron Lett.* 2015;56(24):3816-3819.
81. J-B Xiao*. **Phytochemicals in medicine and food.** *Phytochem Rev.* 2015;14(3):317-320.
82. M Toi*, N Masuda, H Ishiguro, S Saji, S Ohno and L-W-C Chow. **Development of breast cancer therapy: biomarker-driven and response-guided approaches in a neoadjuvant setting.** *Int J Biol Markers.* 2015;30(2):e252-e253.
83. L-L Lu, J Zhou, J Shi, X-J Peng, X-X Qi, Y Wang, F-Y Li, F-Y Zhou, L Liu and Z-Q Liu*. **Drug-metabolizing activity, protein and gene expression of UDP-glucuronosyltransferases are significantly altered in hepatocellular carcinoma patients.** *PLoS One.* 2015;10(5):e0127524.
84. L Chen, W-C-S Tai, M-S Brar, F-C-C Leung and W-W-L Hsiao*. **Tumor grafting induces changes of gut microbiota in athymic nude mice in the presence and absence of medicinal gynostemma saponins.** *PLoS One.* 2015;10(5):e0126807.

85. L-L Ning, D-B Pan, Y Zhang, S-P Wang, H-X Liu* and X-J Yao*. **Effects of the pathogenic mutation A117V and the protective mutation H111S on the folding and aggregation of PrP106-126: Insights from replica exchange molecular dynamics simulations.** *PLoS One*. 2015;10(5):e0125899.
86. Z-F Zhang, L-L He, L-Y Lu, Y Liu, G-T Dong, J-H Miao* and P Luo*. **Characterization and quantification of the chemical compositions of Scutellariae Barbatae herba and differentiation from its substitute by combining UHPLC-PDA-QTOF-MS/MS with UHPLC-MS/MS.** *J Pharm Biomed Anal*. 2015;109:62-66.
87. T-B Chen, Z Xiang, G-T Dong, P Luo, P Qiu, S-Z Wang, B-M Huang, Y-Y Wen, F-C Wu, L Liu* and H Zhou*. **An ultra-high performance liquid chromatographic-tandem mass spectrometric method for the determination of sinomenine in human plasma after transdermal delivery of the Zheng-Qing- Feng-Tong-Ning injection.** *Molecules*. 2015;20(4):6454-6465.
88. H-Y Fan, W Zhang, J Wang, M-Y Lv, P Zhang, Z-J Zhang and F-G Xu*. **HPLC-MS/MS method for the determination of four lignans from Phyllanthus urinaria L. in rat plasma and its application.** *Bioanalysis*. 2015;7(6):701-712.
89. Z-T Li, L Li, T-T Chen, C-Y Li, D-Q Wang, Z-F Yang and N-S Zhong*. **Efficacy and safety of Ban-Lan-Gen granules in the treatment of seasonal influenza: study protocol for a randomized controlled trial.** *Trials*. 2015;16(1):126.
90. L-L Li, Q-Q Wang, Y Zhang, Y-Z Niu, X-J Yao and H-X Liu*. **The molecular mechanism of Bisphenol A (BPA) as an endocrine disruptor by interacting with nuclear receptors: Insights from Molecular Dynamics (MD) simulations.** *PLoS One*. 2015;10(3):e0120330.
91. A-L Basse, K Diken, R Yadav, M-P Tygesen, K Qvortrup, K Kristiansen, B Quistorff, R Gupta*, J Wang and J-B Hansen*. **Global gene expression profiling of brown to white adipose tissue transformation in sheep reveals novel transcriptional components linked to adipose remodeling.** *BMC Genomics*. 2015;16(1):215.
92. J Wang, H-Y Fan, Y Wang, X Wang, P Zhang, J-Q Chen, Y Tian, W Zhang, F-G Xu* and Z-J Zhang*. **Metabolomic study of Chinese medicine Huang Qin decoction as an effective treatment for irinotecan-induced gastrointestinal toxicity.** *RSC Adv*. 2015;5(33):26420-26429.
93. W-Y Gu, N Li*, E-L-H Leung, H Zhou, G-A Luo, L Liu and J-L Wu*. **Metabolites software-assisted Flavonoid hunting in plants using Ultra-High Performance Liquid Chromatography-Quadrupole-Time of Flight Mass Spectrometry.** *Molecules*. 2015;20(3):3955-3971.
94. Q Hao, R Yadav, A-L Basse, S Petersen, S-B Sonne, S Rasmussen, Q-H Zhu, Z-K Lu, J Wang, K Audouze, R Gupta, L Madsen, K Kristiansen and J-B Hansen*. **Transcriptome profiling of brown adipose tissue during cold exposure reveals extensive regulation of glucose metabolism.** *Am J Physiol Endocrinol Metab*. 2015;308(5):E380-E392.
95. V-K-W Wong, A-G Wu, J-R Wang, L-Liu* and B-Y-K Law*. **Neferine attenuates the protein level and toxicity of mutant Huntingtin in PC-12 cells via induction of autophagy.** *Molecules*. 2015;20(3):3496-3541.
96. Q Ye, S-J Wang, J-Y Chen, K Rahman, H-L Xin and H Zhang*. **Medicinal plants for the treatment of hypertrophic scars.** *Evid-Based Complement Alternat Med*. 2015;2015:101340.
97. J-R Guo, Q-Q Chen, C-Y Wang, H-C Qiu, B-M Liu, Z-H Jiang and W Zhang*. **Comparison of two exploratory data analysis methods for classification of Phyllanthus chemical fingerprint: unsupervised vs. supervised pattern recognition technologies.** *Anal Bioanal Chem*. 2015;407(5):1389-1401.
98. C-K Wong*, T-F Leung, I-M-T Chu, J Dong, Y-Y-O Lam and C-W-K Lam. **Aberrant expression of regulatory Cytokine IL-35 and pattern recognition receptor NOD2 in patients with allergic asthma.** *Inflammation*. 2015;38(1):348-360.
99. N Tsao, M-H Lee, W Zhang, Y-C Cheng and Z-F Chang*. **The contribution of CMP kinase to the efficiency of DNA repair.** *Cell Cycle*. 2015;14(3):354-363.

100. L-L Ning, Q-Q Wang, Y Zheng, H-X Liu* and X-J Yao*. **Effects of the A117V mutation on the folding and aggregation of palindromic sequences (PrP113-120) in prion: insights from replica exchange molecular dynamics simulations.** *Mol Biosyst.* 2015;11(2):647-655.
101. Q-H Shi, S Gao, L-N Song, Y-M Zhao, X-O Li, J-L Wu, C-Y He*, H-J Li and H-F Zhao. **Comparative proteomics analysis of differential proteins in respond to doxorubicin resistance in myelogenous leukemia cell lines.** *Proteome Sci.* 2015;13:1.
102. Q-Q Wang, L-L Ning, Y-Z Niu, H-X Liu* and X-J Yao. **Molecular mechanism of the inhibition and remodeling of human islet amyloid polypeptide (hIAPP(1-37)) oligomer by resveratrol from molecular dynamics simulation.** *J Phys Chem B.* 2015;119(1):15-24.
103. J-J Wu, Z-X Cheng, S-G He, J Shi, S-Q Liu, G-Y Zhang, L-J Zhu, L Liu, Z-Q Liu, N Lin, L-L Lu*. **Pinelliae rhizoma, a toxic chinese herb, can significantly inhibit CYP3A activity in rats.** *Molecules.* 2015;20(1):792-806.
104. J-B Xiao* and P Högger. **Dietary polyphenols and type 2 diabetes: Current insights and future perspectives.** *Curr Med Chem.* 2015;22(1):23-38.
105. J-B Xiao*. **Natural polyphenols and diabetes: Understanding their mechanism of action.** *Curr Med Chem.* 2015;22(1):2-3.
106. J-S Liang, S-Q Xu, C-S Cheng, C-C Lao, C-H Lou and Z-F Zhang*. **Cetermination of total Flavonoids using copper ion complex UV spectrophotometer and preliminary study on the anti-oxidation activity of Pluchea indica (Linn.)Less (Cu²⁺螯合紫外分光光度法測定煙樺中總黃酮及其抗氧化初步研究).** *J Macau Uni Sci Tech.* 2015;9(2):142-147.
107. 劉樂*、高嘉瑩。李東垣益氣升陽論治脾胃病 (LI Dong-Yuan's experience of treating Spleen-Stomach disease with method of supplementing Qi to restore Yang)。河南中醫。2016;35(12):2915-2916。
108. 陳曙賢、郭建茹、朱冬梅、劉華楨、林繼宗、侯少貞*。根皮苷對 LO2 正常人肝細胞體外細胞毒性的實驗研究 (Cytotoxicity of Phloridzin on LO2 human liver cells)。吉林中醫藥。2015;35(11):1159-1161。
109. 張鳳姣、李維榕、羅嶽雄、趙紅霞、李萬瑤*。蜂巢提取物治療變應性鼻炎療效觀察 (Therapeutic effect of beehive extract for treatment of allergic rhinitis)。廣州中醫藥大學學報。2015;32(6):984-987。
110. 曾進*、凌香力、呂明莊。隔苗藥黑骨藤追風液紙火法治療背部肌筋膜炎 48 例。中國民族醫藥雜誌。2015;21(11):12-13。
111. 陳浩雄*、傅傑英。傅傑英夏季針灸選經取穴思路探析 (Analysis of Fu Jie-Ying's thought of choice of meridians and points in therapy of acupuncture in summer)。河南中醫。2015;35(10):2344-2345。
112. 李雨彥*、劉良。首屆國醫大師治療痹證學術思想與臨床經驗摘要 (Summary on academic thoughts and clinical theory of Bi syndrome of the First National Medicine Masters)。世界中西醫結合雜誌。2015;10(10):1451-1455。
113. 崔龍、盧鵬、曹麗華、尙強、曹暉、高進*。麝香舒活靈的滲漉提取工藝優選 (Optimization of percolation extraction process of Shexiang Shuhuoling)。中國實驗方劑學雜誌。2015;21(20):41-43。
114. 陳汀波、李棟、仇萍、周華*、劉良。頂空氣相色譜-電子捕獲檢測器法測定正清風痛寧製劑原料中三氯甲烷的殘留量 (Determination of residual chloroform in raw materials of Zhengqing Fengtongning by headspace GC-ECD)。藥物分析雜誌。2015;35(9):1645-1648。
115. 程春松、譚天琪、龍澤、劉智祖、吳文如、王英平、劉良、周華*。中成藥 DNA 提取技術優化及其在人參類製劑分子鑒定中的應用 (Optimization of DNA extraction for Chinese patent medicine and its application on molecular identification of ginseng preparations by MAS-PCR)。中草藥。2015;46(17):2549-2555。

116. 夏曉玲、孫強明、王曉丹、趙玉嬌、楊子峰、黃慶暉、姜志宏、王新華*、張榮平*。**雲南特色中藥臭靈丹體外抗甲型 H₁N₁ 流感病毒的實驗研究 (Effect of Yunnan herb *Laggera pterodonta* against influenza A (H₁N₁) virus in vitro)**。 *中國中藥雜誌*。 2015;40(18):3687-3692.
117. 楊成梓*、范興、包俠萍、南淑華、姜志宏。**HPLC 同時測定芪骨膠囊中 5 種成分的含量 (Content determination of five components in Qigu Capsules by HPLC)**。 *中國實驗方劑學雜誌*。 2015;21(16):60-63.
118. 邱宏聰、張偉、趙冰冰、陳明生、王麗、劉布鳴*。**崗松總黃酮體內外抗炎作用研究**。 *中藥材*。 2015;38(8):1711-1714。
119. 周淑芳、劉曉妹、于聰、崔龍、高進*。**銀黃製劑的研究進展 (Research progress of Yinhuang preparation)**。 *中國實驗方劑學雜誌*。 2015;21(14):222-225.
120. 吳文如、劉良、黃寶明、程春松、羅培、周華*。**採用巢式 PCR-直接測序法分析人參達瑪烯二醇合成酶基因單核苷酸多態性 (Application of nested PCR and direct sequencing to discover single nucleotide polymorphisms in cDNA sequence of dammaranediol synthase gene of *Panax ginseng*)**。 *中草藥*。 2015;46(14):2127-2133。
121. 李雨彥、鄭光、劉良*。**文本挖掘探討青風藤用藥規律研究 (Treatment rules of *Sinomenium Acutum* by text mining)**。 *世界中醫藥*。 2015;10(6):823-827。
122. 梅飛*、燕海霞、羅奕承。**哮喘防治中的四大致病元兇**。 *自我保健*。 2015;4:44-45。
123. 張鑫瑤、許利嘉、張偉*。**葉下珠和苦味葉下珠指紋圖譜的建立及比較 (Study and comparison on HPLC fingerprint of *Phyllanthus Urinaria* Linn and *Phyllanthus Amarus* Linn)**。 *世界科學技術：中醫藥現代化*。 2015;17(5):990-993。
124. 陳署賢、郭建茹、劉華楨、林繼宗、潘衛東、侯少貞*。**根皮苷抑制體外 LO₂ 肝細胞脂肪變性作用的實驗研究 (Experimental study on inhibitive effect of Phloridzin on adipose degeneration in LO₂ human liver cells in vitro)**。 *中藥新藥與臨床藥理*。 2015;26(2):144-147.
125. 唐三元、譚文成、楊輝*、唐天華、傅海鷹、黃馨靈、夏吉生。**高齡嚴重骨質疏鬆 Evans I4 型股骨轉子間骨折的手術治療**。 *中華創傷骨科雜誌*。 2015;17(2):173-176。
126. 胡坪、陳燁、楊子峰、高雲霄、張敏、章弘揚、王月榮*。**板藍根糖肽的組成測定 (Determination of composition of glycopeptide from *Isatidis Radix*)**。 *中成藥*。 2015;37(2):336-342.
127. 吳美寧、劉鳳斌*。**劉鳳斌內外並治慢性胃炎經驗**。 *中醫藥通報*。 2015;14(1):30-31。
128. 李荔、張江宇、王曉琴、羅輝、劉花園、張婧*。**多囊卵巢綜合征蛋白質組學的研究現狀 (Research of polycystic ovary syndrome in proteomics)**。 *中華婦幼臨床醫學雜誌 (電子版)*。 2015;11(1):82-85。
129. 程春松、周良雲、許世強、梁建生、張志鋒*。**澳門抗氧化用鮮藥資源調查及其對種群生態重建的建議 (Uses of fresh herbs with antioxidant effect and prospect for population ecology reconstruction in Macau)**。 *中國中藥雜誌*。 2015;40(3):410-413。
130. 曹欣、趙利、張賢祚、秦建強*、李紅、吳剛。**不同空間排列靜電紡絲對 RSC96 細胞表達 NGF 及 Laminin 的研究 (The influence of topography of electrospun fibrous scaffolds on NGF and Laminin expressions of RSC96 cells)**。 *中國臨床解剖學雜誌*。 2015;33(1):60-63。
131. 崔紹漢。**會保養的人最長命：永保青春術**。 *天地圖書*。 978-988-8255-82-5。
132. 崔紹漢。**崔博士教你虛得受補**。 *紅出版 (青森文化)*。 978-988-1438-95-9。