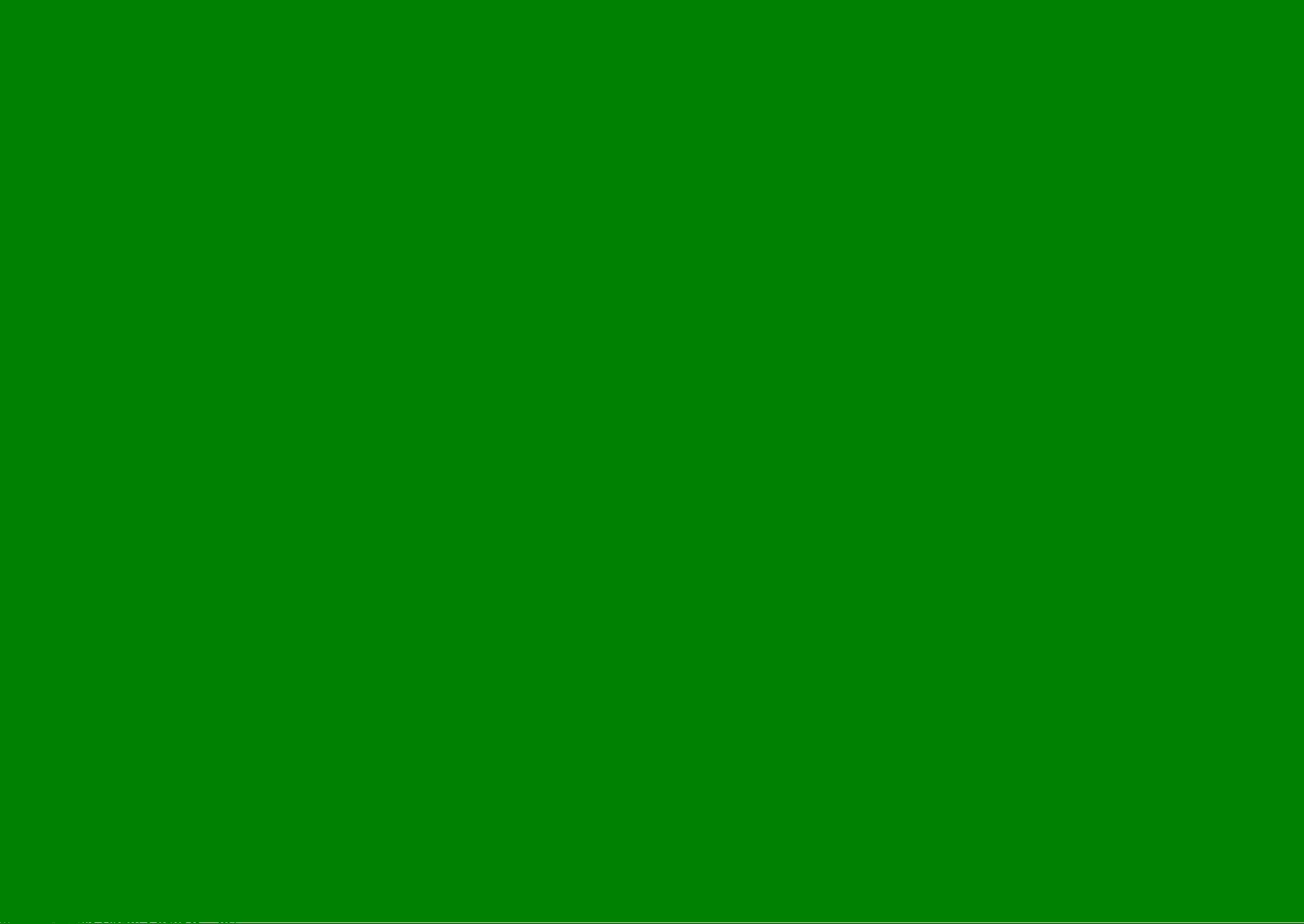


Published papers (2016)

4 15%

Note: Publication with impact factor of more than 4 or subjects ranked less than 15%

1. J-N Mi, Y-W Han, Y-Q Xu, J-P Kou, J-R Wang* and Z-H Jiang*. **New immunosuppressive Sphingoid base and Ceramide analogues in wild Cordyceps**. *Sci Rep.* 2016;6:38641.
2. G-L Chen, Y-Q Tian, J-L Wu, N Li and M-Q Guo*. **Antiproliferative activities of Amaryllidaceae alkaloids from Lycoris radiata targeting DNA topoisomerase I**. *Sci Rep.* 2016;6:38284.
3. Q Liu, A-H Zhang, L Wang, G-L Yan, H-W Zhao, H Sun, S-Y Zou, J-W Han, C-W Ma, L Kong, X-H Zhou, Y Nan and X-J Wang*. **High-throughput chinmedomicsbased prediction of effective components and targets from herbal medicine AS1350**. *Sci Rep.* 2016;6:38437.
4. X-M Zhu*, H-Y Wan, H-L Jia, L Liu and J-F Wang*. **Porous Pt nanoparticles with high near-infrared Photothermal conversion efficiencies for Photothermal therapy**. *Adv Healthc Mater.* 2016;5(24):3165-3172.
5. W-J Wu, W-W Jia, X-H Liu*, L-L Pan, Q-Y Zhang, D Yang, X-Y Shen, L Liu and Y-Z Zhu*. **S-propargx** -



29. S-L Feng, Z-W Yuan, X-J Yao, W-Z Ma, L Liu, Z-Q Liu and Y Xie*. **Tangeretin, a citrus pentamethoxyflavone, antagonizes ABCB1-mediated multidrug resistance by inhibiting its transport function.** *Pharmacol Res.* 2016;110:193-204 & 2016;111:545-545..
30. H Jin, J Pi, F Yang, J-H Jiang, X-P Wang, H-H Bai, M-T Shao, L Huang, H-Y Zhu, P-H Yang, L-H Li, T Li, J-Y Cai* and Z-W Chen*. **Folate-chitosan nanoparticles loaded with ursolic acid confer anti-breast cancer activities in vitro and in vivo.** *Sci Rep.* 2016;6:30782.
31. H-K Pedersen, V Gudmundsdottir, H-B Nielsen, T Hyotylainen, T Nielsen, B-A-H Jensen, K Forslund, F Hildebrand, E Prifti, G Falony, E Le Chatelier, F Levenez, J Dore, I Mattila, D-R Plichta, P Poho, L-I Hellgren, M Arumugam, S Sunagawa, S Vieira-Silva, T Jorgensen, J-B Holm, K Trost, K Kristiansen, S Brix, J Raes, J Wang, T Hansen, P Bork, S Brunak*, M Oresic*, S-D Ehrlich* and O Pedersen*. **Human gut microbes impact host serum metabolome and insulin sensitivity.** *Nature.* 2016;535(7612):376-381.
32. L Zhu, L-L Lu, X-S Yang, M Zhao, F-F Luo, Y Wang, M Hu, F-Y Zhou, L Liu and Z-Q Liu. **Paclitaxel metabolism via cyp2c8/3a4 was significantly reduced in hepatocellular carcinoma patient's liver tumor tissue.** *Drug Metab Rev.* 2016;48(Suppl 1):48-48.
33. C-L Wei, J-L Cheng, B Zhou, L Zhu, M-A Khan, T He, S-F Zhou, J He, X-L Lu, H-C Chen, D-Z Zhang, Y-X Zhao* and J-J Fu*. **Tripartite motif containing 28 (TRIM28) promotes breast co m**

42. Z Wang, H-Y Sun, X-J Yao, D Li, L Xu, Y-Y Li, S Tian and T-J Hou*. **Comprehensive evaluation of ten docking programs on a diverse set of protein-ligand complexes: the prediction accuracy of sampling power and scoring power.** *Phys Chem Chem Phys.* 2016;18:12964-12975.
43. J-J Wu, N Lin, F-Y Li, G-Y Zhang, S-G He, Y-F Zhu, R-L Ou, S-Q Liu, L-Z Feng, L Liu, Z-Q Liu and L-L Lu*. **Induction of P-glycoprotein expression and activity by Aconitum alkaloids: Implication for clinical drug-drug interactions.** *Sci Rep.* 2016;6:25343.
44. K-G Pinz, E Yakaboski, A Jares, H Liu, A-E Firor, M Wada, E-L-H Leung, X Jaing and Y-P Ma. **Efficient targeting of T cell malignancies in vitro and in vivo using CD4-specific Chimeric Antigen Receptor (CAR)-engineered NK cells.** *Mol Ther.* 2017;24(Suppl 1):pS256-S257.
45. W-C-S Tai, W-Y Wong, M-M-L Lee, B-D Chan, C Lu and W-W-L Hsiao*. **Mechanistic study of the anti-cancer effect of Gynostemma pentaphyllum saponins in the Apc^{Min/+}mouse model.** *Proteomics.* 2016;16(10):1557-1569.
46. X-H Liu, Q-Y Zhang, L-L Pan, S-Y Liu, P Xu, X-L Luo, S-L Zou, H Xin, L-F Qu* and Y-Z Zhu*. **NADPH oxidase 4 contributes to connective tissue growth factor expression through Smad3-dependent signaling pathway.** *Free Radic Biol Med.* 2016;94:174-184.
47. P Su, Y-R Tong, Q-Q Cheng, Y-T Hu, M Zhang, J Yang, Z-Q Teng, W Gao*, L-Q Huang*. **Functional characterization of ent-copalyl diphosphate synthase, kaurene synthase and kaurene oxidase in the Salvia miltiorrhiza gibberellin biosynthetic pathway.** *Sci Rep.* 2016;6:23057.
48. Q Feng, Z-P Liu, S-L Zhong, R-J Li, H-H Xia, Z-Y Jie, B Wen, X-M Chen, W Yan, Y-Q Fan, Z-Y Guo, N Meng, J-Y Chen, X-Y Yu, Z-W Zhang, K Kristiansen, J Wang, X Xu*, K-L He* and G-L Li*. **Integrated metabolomics and metagenomics analysis of plasma and urine identified microbial metabolites associated with coronary heart disease.** *Sci Rep.* 2016;6:22525.
49. L Miao, X-M Xin, H Xin, X-Y Shen* and Y-Z Zhu*. **Hydrogen sulfide recruits macrophage migration by Integrin 1-Src-FAK/Pyk2-Rac pathway in myocardial infarction.** *Sci Rep.* 2016;6:22363.
50. V-K-W Wong, H Dong, X Liang, L-P Bai, Z-H Jiang, Y Guo, A-N-T Kong, R Wang, R-K-T Kam, B-Y-K Law, W-W-L Hsiao, K-M Chan, J-R Wang, R-W-K Chan, J-R Guo, W Zhang, F-G Yen, H Zhou, E-L-H Leung, Z-L Yu and L Liu*. **Rh2E2, a novel metabolic suppressor, specifically inhibits energy-based metabolism of tumor cells.** *Oncotarget.* 2016;7(9):9907-9924.
51. L Zhu, J-Q Ruan, N Li, P-P Fu, Y Ye and G Lin*. **A novel ultra-performance liquid chromatography hyphenated with quadrupole time of flight mass spectrometry method for rapid estimation of total toxic retronecine-type of pyrrolizidine alkaloids in herbs without requiring corresponding standards.** *Food Chem.* 2016;194:1320-1328.
52. L-Y Zhang, J-L Wu, H-B Qiu, S-S Dong, Y-H Zhu, V-H-F Lee, Y-R Qin, Y Li, J Chen, H-B Liu, J Bi, S Ma, X-Y Guan* and L Fu*. **PSCA acts as a tumor suppressor by facilitating the nuclear translocation of RB1CC1 in esophageal squamous cell carcinoma.** *Carcinogenesis.* 2016;37(3):320-332.
53. K Pinz, H Liu, M Golightly, A Jares, F Lan, G-W Zieve, N Hagag, M Schuster, A-E Firor, X Jiang* and Y-P Ma*. **Preclinical targeting of human T-cell malignancies using CD4-specific chimeric antigen receptor (CAR)-engineered T cells.** *Leukemia.* 2016;30(3):701-707.
54. S-Y Zhou, D-F Shi, X-W Liu, H-X Liu* and X-J Yao*. **Protective V127 prion variant prevents prion disease by interrupting the formation of dimer and fibril from molecular dynamics simulations.** *Sci Rep.* 2016;6:21804.
55. Y Li, Z-X Zhao, Z-H Liu, M-Y Su and R-X Wang*. **AutoT&T v.2: An efficient and versatile tool for lead structure generation and optimization.** *J Chem Inf Model.* 2016;56(2):435-453.
56. B-Y-K Law, S-W-F Mok, W-K Chan, S-W Xu, A-G Wu, X-J Yao, J-R Wang, L Liu* and V-K-W Wong*. **Hernandezine, a novel AMPK activator induces autophagic cell death in drug-resistant cancers.** *Oncotarget.* 2016;7(7):8090-8104.

57. T Efferth*, M Banerjee, N-W Paul, S Abdelfatah, J Arend, G Elhassan, S Hamdoun, R Hamm, C-L Hong, O Kadioglu, J Naß, D Ochwangi, E Ooko, N Ozenver, M-E-M Saeed, M Schneider, E-J Seo, C-F Wu, G Yan, M Zeino, Q-L Zhao, M-S Abu-Darwish, K Andersch, G Alexie, D Bessarab, D Bhakta-Guha, V Bolzani, E Dapat, F-V Donenko, M Efferth, H-J Greten, L Gunatilaka, A-A Hussein, A Karadeniz, H-E Khalid, V Kuete, I-S Lee, L Liu, J Midiwo, R Mora, H Nakagawa, O Ngassapa, C Noysang, L-K Omosa, F-H Roland, A-A Shahat, A Saab, E-M Saeed, L Shan and S-J-J Titinchi. **Biopiracy of natural products and good bioprospecting practice.** *Phytomedicine.* 2016;23(2):166-173.
58. J-N Mi, J-R Wang* and Z-H Jiang*. **Quantitative profiling of sphingolipids in wild Cordyceps and its mycelia by using UHPLC-MS.** *Sci Rep.* 2016;6:20870.
59. E-L-H Leung, X-X Fan, M-P Wong, Z-H Jiang, Z-Q Liu, X-J Yao, L-L Lu, Y-L Zhou, L-F Yau, V-P-C Tin, L Liu*. **Targeting tyrosine kinase inhibitor resistant non-small-cell lung cancer by inducing EGFR degradation via methionine 790 oxidation.** *Antioxid Redox Signal.* 2016;24(5):263-279.
60. S Olgiati, M Quadri, M-Y Fang, J-P-M-A Rood, J-A Saute, H-F Chien, C-G Bouwkamp, J Graafland, M Minneboo, G-J Breedveld, J-G Zhang, F-W Verheijen, A-J-W Boon, A-J-A Kievit, L-B Jardim, W Mandemakers, E-R Barbosa, C-R-M Rieder, K-L Leenders, J Wang* and V Bonifati*. **DNAJC6 mutations associated with early-onset Parkinson's Disease.** *Ann Neurol.* 2016;79(2):244-256.
61. Z-F Qin, Y Dai, Z-H Yao*, L-L He, Q-Y Wang, J-L Geng, H-F Chen and X-S Yao*. **Study on chemical profiles and metabolites of Allii Macrostemonis Bulbus as well as its representative steroidal saponins in rats by ultra-performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry.** *Food Chem.* 2016;192:499-515.
62. G Girotopoulos, P-W-I Chan, S-J Horton, D Ruau, P Gallipoli, A Fowler, C Crawley, E Papaemmanuil, P-J Campbell, B Gottgens, J-M Van Deursen, P-A Cole and B-J-P Huntly*. **The epigenetic regulators CBP and p300 facilitate leukemogenesis and represent therapeutic targets in acute myeloid leukemia.** *Oncogene.* 2016;35(3):279-289.
63. D-J Klionsky*, ...B-Y-K Law, ..., L Liu, ..., V-K-W Wong, ...and S-M Zuquaier. **Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition).** *Autophagy.* 2016;12(1):1-222.
64. H-L Xie, R-J Guo, H-Z Zhong, Q Feng, Z Lan, B-C Qin, K-J Ward, M-A Jackson, Y Xia, X Chen, B Chen, H-H Xia, C-L Xu, F Li, X Xu, J-Y Al-Aama, H-M Yang, J Wang, K Kristiansen, J Wang, C-J Steves, J-T Bell, J-H Li*, T-D Spector* and H-J Jia*. **Shotgun metagenomics of 250 adult twins reveals genetic and environmental impacts on the gut microbiome.** *C@Hsyst.* 2016;3(6):572-584.eB
65. C-Z Zhang, J Niu, Y-S Chong, Y-F Huang, Y Chu, SSé Xhe, Z-H Jiang and Ish Peng*. **Porous microspheres as promising vehicles for the topical delivery of poorly soluble asiaticoside accelerate wound healing and inhibit scar formation in vitro & in vivo.** *Eur J Pharm Biopharm.* 2016;109:1-13.
66. P Kiilerich, L-S Myrmel, lyRY sh Mm ng*

70. J Wu, Y Xie, Z Xiang, C-J Wang, H Zhou* and L Liu*. Simultaneous determination of multiple components in Guanjiekang in rat plasma via the UPLC-MS/MS method and its application in pharmacokinetic study. *Molecules*. 2016;21(12):1732.
71. S-H Chui*, Y-H Wong, M-Y Fong, Y-M Chiu and C-W-K Lam. Effect of Rorrico, extracted from group of Chinese medicines, on influenza A and H1N1 infections. *J Tradit Chin Med*. 2016;36(6):701-705.
72. F-K-C Fung, B-Y-K Law and A-C-Y Lo*. Lutein attenuates both apoptosis and autophagy upon Cobalt (II) chloride-induced hypoxia in rat muller cells. *PLoS One*. 2016;11(12):e0167828.
73. C-Y Chen, L-P Bai, Z-F Ke, Y Liu, J-R Wang* and Z-H Jiang*. G-Quadruplex DNA-binding quaternary alkaloids from *Tylophora atrofolliculata*. *RSC Adv*. 2016;6(115):114135-114142.
74. X-L Sun, X-F Jiao, Y-R Ma, Y Liu, L Zhang, Y-Z He* and Y-H Chen*. Trimethylamine N-oxide induces inflammation and endothelial dysfunction in human umbilical vein endothelial cells via activating ROS-TXNIP-NLRP3 inflammasome. *Biochem Biophys Res Commun*. 2016;481(1-2):63-70.
75. R Salehi, M-G Colazo, S Tsoi, A Behrouzi, B-K Tsang, M-K Dyck, M Oba and D-J Ambrose*. Morphologic and transcriptomic assessment of bovine embryos exposed to dietary long-chain fatty acids. *Reproduction*. 2016;152(6):715-726.
76. L Chen*, B-M Wang, S-P Wang, J Yang, J Hu, Z-Q Xie, Y-W Wang, T Huang* and Y-D Cai*. OPMSP: A computational method integrating protein interaction and sequence information for the identification of novel putative oncogenes. *Protein Pept Lett*. 2016;23(12):1081-1094.
77. H-L Guo, Y-H Xu*, W Huang, H Zhou, Z-G Zheng, Y-H Zhao, B He, T-T Zhu, S-S Tang and Q Zhu. Kuwanon G preserves LPS-induced disruption of gut epithelial barrier in vitro. *Molecules*. 2016;21(11):1597.
78. X-A Li, J-Y-S Ho, L Chen and W-W-L Hsiao*. The protective effects of Icariin against the homocysteine-induced neurotoxicity in the primary embryonic cultures of rat cortical neurons. *Molecules*. 2016;21(11):1557.
79. L Li, J-Y Zhang, Q-S Deng, J-M Li, Z-F Li, Y Xiao, S-W Hu, T-T Li, Q-X Tan, X-F Li, B-S Luo and H Mo*. Proteomic profiling for identification of novel biomarkers differentially expressed in human ovaries from polycystic ovary syndrome patients. *PLoS One*. 2016;11(11):e0164538.
80. S-Z Lin, J Wu, W Guo and Y-Z Zhu*. Effects of leonurine on intracerebral haemorrhage by attenuation of perihematomal edema and neuroinflammation via the JNK pathway. *Pharmazie*. 2016;71(11):644-650.
81. R Wang, J Pi, X-H Su, J Liu, X Zeng, I Wong, L-F Huang, H Zhou, J-Y Cai, T Li* and L Liu*. Dihydromyricetin suppresses inflammatory responses in vitro and in vivo through inhibition of IKK activity in macrophages. *Scanning*. 2016;38(6):901-912.
82. J Pi, Y-Y Wang, H-Y Zhu, H Jin, J-H Jiang, F Yang, C-W Ma, M-H Hu, F-L Ma and H-H Cai and J-Y Cai*. Immunomodulatory effects of polysaccharide compounds in macrophages revealed by high resolution AFM. *Scanning*. 2016;38(6):792-801.
83. L-Y Tu, H-H Bai, J-Y Cai and S-P Deng*. The mechanism of kaempferol induced apoptosis and inhibited proliferation in human cervical cancer SiHa cell: From macro to nano. *Scanning*. 2016;38(6):644-653.
84. J Pi, L-F Huang, F Yang, J-H Jiang, H Jin, J-X Liu, X-H Su, A-G Wu, H-H Cai, P-H Yang and J-Y Cai*. Atomic force microscopy study of ionomycin-induced degranulation in RBL-2H3 cells. *Scanning*. 2016;38(6):525-534.
85. D Yang, W-W Jia and Y-Z Zhu*. Leonurine, a potential agent of traditional Chinese medicine: Recent updates and future perspectives. *Nat Prod Commun*. 2016;11(11):1757-1761.

86. W Huang, Y Xu and Y-H Xu. **Short-chain fatty acids inhibit oxidative stress and inflammation in mesangial cells induced by high glucose and lipopolysaccharide.** *Diabetes Metab Res Rev.* 2016;32(Suppl 2):5-6.
87. L Xiao, T Yi, M Chen, C-W-K Lam* and H Zhou*. **A new mechanism for increasing the oral bioavailability of scutellarin with Cremophor EL: Activation of MRP3 with concurrent inhibition of MRP2 and BCRP.** *Eur J Pharm Sci* 2016;93:456-467.
88. Y Wang, Q Liu, Y-Q Xu, Y-Y Zhang, Y-N Lv, Y-S Tan, N Jiang, G-S Cao, X-N Ma, J-R Wang, Z-Y Cao, B-Y Yu* and J-P Kou*. **Ginsenoside Rg1 protects against oxidative stress-induced Neuronal Apoptosis through Myosin IIA-actin related Cytoskeletal reorganization.** *Int J Biol Sci.* 2016;12(11):1341-1356.
89. S-W Xu, B-Y-K Law, S-W-F Mok, E-L-H Leung, X-X-Fan, P-S Coghi, W Zeng, C-H Leung, D-L Ma, L Liu* and V-K-W Wong*. **Autophagic degradation of epidermal growth factor receptor in gefitinib-resistant lung cancer by celastrol.** *Int J Oncol.* 2016;49(4):1576-1588.
90. Q-T Feng, G-Y Zhu, W-N Gao, Z-F Yang, N-S Zhong, J-R Wang* and Z-H Jiang*. **Two new alkaloids from the roots of Baphicacanthus cusia.** *Chem Pharm Bull.* 2016;64(10):1505-1508.
91. Y-T Li, W-J Lin, J-J Huang, Y Xie and W-Z Ma*. **Anti-cancer effects of Gynostemma pentaphyllum (Thunb.) Makino (Jiaogulan).** *Chin Med.* 2016;11:43.
92. J-R Guo, Q-Q Chen, C-W-K Lam, C-Y Wang, F-G Xu, B-M Liu* and W Zhang*. **Effect of Phyllanthus amarus extract on 5-Fluorouracil-Induced Perturbations in Ribonucleotide and Deoxyribonucleotide pools in HepG2 cell line.** *Molecules.* 2016;21(9):1254.
93. M-J Wang, W-B Tang, H Xin and Y-Z Zhu*. **S-Propargyl-Cysteine, a novel hydrogen sulfide donor, inhibits inflammatory Hepcidin and relieves anemia of inflammation by inhibiting IL-6/STAT3 pathway.** *PLoS One.* 2016;11(9):e0163289.
94. C-L Wei, J-L Cheng, M-A Khan, L-Q Yang, S Imani, H-C Chen and J-J Fu*. **An improved DNA marker technique for genetic characterization using RAMP-PCR with high-GC primers.** *Genet Mol Res.* 2016;15(3):15038721.
95. C-R Li, Q Wang, T-J Ren, Y-F Zhang, C-W-K Lam, M-S-S Chow and Z Zuo*. **Non-linear pharmacokinetics of piperine and its herb-drug interactions with docetaxel in Sprague-Dawley rats.** *J Pharm Biomed Anal.* 2016;128:286-293.
96. C-S Cheng, W-R Wu, B-M Huang, L Liu, P Luo and H Zhou*. **SNPs of dammarenediol synthase gene were associated with the accumulation of ginsenosides in DAMAYA ginseng, a cultivar of Panax ginseng CA Mey.** *Phytochem Lett.* 2016;17:194-200.
97. D-S Fan, S Parhira, G-Y Zhu, Z-H Jiang and L-P Bai*. **Triterpenoids from the stems of Tripterygium regelii.** *Fitoterapia.* 2016;113:69-73.
98. W Huang, F Gou, Y Long, Y Li, H Feng, Q Zhang, C Gao, G Chen and Y Xu*. **High glucose and Lipopolysaccharide activate NOD1-RICK-NF-kappa B inflammatory signaling in Mesangial cells.** *Exp Clin Endocrinol Diabetes.* 2016;124(8):521-517.
99. D-S Fan, G-Y Zhu, T Li, Z-H Jiang* and L-P Bai*. **Dimacrolide Sesquiterpene Pyridine alkaloids from the stems of Tripterygium regelii.** *Molecules.* 2016;21(9):1146.
100. J-L Cheng, Z-C Yin, Z-Q Mei, C-L Wei, H-C Chen, X-S Wu* and J-J Fu*. **Development and significance of SCAR marker QG12-5 for Canarium album (Lour.) Raeusch by molecular cloning from improved RAPD amplification.** *Genet Mol Res.* 2016;15(3):15038347.
101. C-Y Chen, G-Y Zhu, J-R Wang* and Z-H Jiang*. **Phenanthroindolizidine alkaloids from Tylophora atrofolliculata with hypoxia-inducible factor-1 (HIF-1) inhibitory activity.** *RSC Adv.* 2016;6(83):79958-79967.
102. M-A Khan, J-L Cheng, Z-Q Mei, C-L Wei and J-J Fu*. **Development of two novel specific SCAR markers by cloning improved RAPD fragments from the medicinal mushroom Ganoderma lucidum (Leysser: Fr) Karst.** *Genet Mol Res.* 2016;15(3):15038536.

103. Z-F Zhang, Y Liu, X-C Ren, H Zhou, K-S Wang, H Zhang and P Luo*. Caffeoylquinic acid derivatives extract of *Erigeron multiradiatus* alleviated acute myocardial ischemia reperfusion injury in rats through inhibiting NF-KappaB and JNK activations. *Mediators Inflamm.* 2016;2016:7961940.
104. M-F Wang, R-Z Li, Y Li, X-Q Cheng, J Yang, W Chen, X-X Fan, H-D Pan, X-J Yao, T Ren, X Qian, L Liu*, E-L-H Leung* and Y-J Tang*. Clinical statistics analysis on the characteristics of pneumoconiosis of Chinese miner population. *J Thorac Dis.* 2016;8(8):2203-2211.
105. S-H Chui*, Y-H Wong, M-Y Fong, F-C Chow, Y-M Chiu and C-W-K Lam. A clinical study of the anti-diabetic effect of a simple Chinese herbal formula, PSP-1. *Eur J Integr Med.* 2016;8(4):458-464.
106. N Zhang*, W-H Lou, F Ji, L-H Qiu, B-K Tsang* and W Di*. Low molecular weight heparin and cancer survival: Clinical trials and experimental mechanisms. *J Cancer Res Clin Oncol.* 2016;142(8):1807-1816.
107. H Jin, J Pi, F Yang, C-M Wu, X-L Cheng, H-H Bai, D Huang, J-H Jiang, J-Y Cai* and Z-W Chen*. Ursolic acid-loaded chitosan nanoparticles induce potent anti-angiogenesis in tumor. *Appl Microbiol Biotechnol.* 2016;100(15):6643-6651.
108. Q Zhang, Y-H Zhao*, Y-H Xu, Z-W Chen, N-W Liu, C-C Ke, B-W Liu and W-K Wu. Sodium ferulate and n-butylidenephthalate combined with bone marrow stromal cells (BMSCs) improve the therapeutic effects of angiogenesis and neurogenesis after rat focal cerebral ischemia. *J Transl Med.* 2016;14(1):223.
109. H Chai, H-H Huang, H-K Jiang, Y Liang* and L-Y Xia. Protein-protein interaction network construction for cancer using a new $L_{1/2}$ -penalized Net-SVM model. *Genet Mol Res.* 2016;15(3):15038794.
110. M Chu, I-M-T Chu, E-C-M Yung, C-W-K Lam, T-F Leung, G-W-K Wong* and C-K Wong*. Aberrant expression of novel Cytokine IL-38 and regulatory T lymphocytes in childhood asthma. *Molecules.* 2016;21(7):933.
111. J-R Wang, T-T Tong, L-F Yau, C-Y Chen, L-P Bai, J Ma, M Hu, L Liu* and Z-H Jiang*. Characterization of oxygenated metabolites of ginsenoside Rg(1) in plasma and urine of rat. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2016;1026:75-86.
112. Y-Y Xie*, X-M Wang, S-H Wang, Y-M Wang, H-F Tian, Y-S Yuan, H-Y Li, Q-L Liang and G-A Luo*. Metabolism and pharmacokinetics of major polyphenol components in rat plasma after oral administration of total flavonoid tablet from *Anemarrhenae Rhizoma*. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2016;1026:134-144.
113. Z-T Li, R-F Li, J Li, H Xie, Y-B Hao, Q-L Du, T-T Chen, Y-M Li, R-C Chen*, Z-F Yang* and N-S Zhong. Efficacy of delayed treatment of China-made Peramivir with repeated intravenous injections in a mouse influenza model: from clinical experience to basal experiment. *BMC Infect Dis.* 2016;16:325.
114. Z-J Wang, X-F Liu, R-L-K-Y Ho, C-W-K Lam* and M-S-S Chow*. Precision or personalized medicine for cancer chemotherapy: Is there a role for herbal medicine. *Molecules.* 2016;21(7):889.
115. Z-B Jiang, J Huang, C Xie, X Li, L-P Liu, J-X He, H Pan, L-Y Huang, X-X Fan, X-J Yao, Y Xie, N Li, L Liu, J-X He* and E-L-H Leung*. Combined use of PI3K and MEK inhibitors synergistically inhibits lung cancer with EGFR and KRAS mutations. *Oncol Rep.* 2016;36(1):365-375.
116. D-S Fan, G-Y Zhu, M Chen, L-M Xie, Z-H Jiang, L Xu and L-P Bai*. Dihydro- -agarofuran sesquiterpene polyesters isolated from the stems of *Tripterygium regelii*. *Fitoterapia.* 2016;112:1-8.
117. C-M Chan, H Chu, A-J Zhang, E-L-H Leung, K-H Sze, R-Y-T Kao, K-K-H Chik, K-K-W To, J-F-W Chan, H-L Chen, D-Y Jin, L Liu and K-Y Yuen*. Hemagglutinin of influenza A virus binds specifically to cell surface nucleolin and plays a role in virus internalization. *Virology.* 2016;494:78-88.

118. H-Y Zhu, H Jin, J Pi, H-H Bai, F Yang, C-M Wu, J-H Jiang and J-Y Cai*. Apigenin induced apoptosis in esophageal carcinoma cells by destruction membrane structures. *Scanning*. 2016;38(4):322-328.
119. Z-H Yao*, Z-F Qin, Y Dai and X-S Yao*. Phytochemistry and pharmacology of *Allii Macrostemonis Bulbus*, a traditional Chinese medicine. *Chin J Nat Med*. 2016;14(7):481-489.
120. L-B Pan, Z Wang, Z-Q Peng, G-H Liu, H-M Zhang, J-Z Zhang, J Jiang, N Pathiraja, Y Xiao, R Jiao* and W Huang*. Dietary exposure to lead of adults in Shenzhen city, China. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess*. 2016;33(7):1200-1206.
121. C-Z Lai, H-B Liu, J-X Liu, Q Ouyang, S-W Pang, H Zhou, H-Y Tian, L Liu, X-S Yao* and J-S Tang*. Hirundigenin type C-21 steroid glycosides from *Cynanchum stauntonii* and their anti-inflammatory activity. *RSC Adv*. 2016;6(64):59257-59268.
122. S-N Hansen, N-S Ehlers, S-D Zhu, M-B-H Thomsen, R-L Nielsen, D-B Liu, G-B Wang, Y Hou, X-Q Zhang, X Xu, L Bolund, H-M Yang, J Wang, J Moreira, H-J Ditzel, N Brunner, A-S Achrohl, J Stenvang* and R Gupta*. The stepwise evolution of the exome during acquisition of docetaxel resistance in breast cancer cells. *BMC Genomics*. 2016;17(1):442.
123. Q-Q Chen, J-R Guo, S-M Feng, C-Y Wang and W Zhang*. Quantitation of ligupurpurosides B and C in rat plasma using HPLC-MS/MS. *Chin J Nat Med*. 2016;14(6):473-480.
124. D Zhang, H-L Piao, Y-H Li, Q Qiu, D-J Li, M-R Du* and B-K Tsang*. Inhibition of AKT sensitizes chemoresistant ovarian cancer cells to cisplatin by abrogating S and G2/M arrest. *Exp Mol Pathol*. 2016;100(3):506-513 & 2016;101(1):163-163..
125. M-P Roudier, B-R Winters, I Coleman, H-M Lam, X-T Zhang, R Coleman, L Chery, L-D True, C-S Higano, B Montgomery, P-H Lange, L-A Snyder, S Srivastava, E Corey, R-L Vessella, P-S Nelson, A Uren and C Morrissey*. Characterizing the molecular features of ERG-positive tumors in primary and castration resistant prostate cancer. *Prostate*. 2016;76(9):810-822.
126. C-Z Lai, J-X Liu, S-W Pang, Y Dai, H Zhou, Z-Q Mu, J Wu, J-S Tang*, L Liu and X-S Yao*. Steroidal glycosides from the roots of *Cynanchum stauntonii* and their effects on the expression of iNOS and COX-2. *Phytochem Lett*. 2016;16:38-46.
127. H-M Guo, J-Q Chen, Y Huang, W Zhang, F-G Xu* and Z-J Zhang*. A pseudo-kinetics approach for time-series metabolomics investigations: more reliable and sensitive biomarkers revealed in vincristine-induced paralytic ileus rats. *RSC Adv*. 2016;6(59):54471-54478.
128. L-Y Tu, J Pi, H Jin, J-Y Cai and S-P Deng*. Synthesis, characterization and anticancer activity of kaempferol-zinc(II) complex. *Bioorg Med Chem Lett*. 2016;26(11):2730-2734.
129. W-J Tian, Y-Q Qiu, X-J Jin, H-F Chen, X-J Yao, Y Dai* and X-S Yao*. Hypersampsones S-W, new polycyclic polyprenylated acylphloroglucinols from *Hypericum sampsonii*. *RSC Adv*. 2016;6(56):50887-50894.
130. L Xiao, T Yi*, Y Liu and H Zhou*. The in vitro lipolysis of lipid-based drug delivery systems: A newly identified relationship between drug release and liquid crystalline phase. *Biomed Res Int*. 2016;2016:2364317.
131. H-H Huang, X-Y Liu and Y Liang*. Feature selection and cancer classification via sparse logistic regression with the hybrid $L_{1/2+2}$ regularization. *PLoS One*. 2016;11(5):e0149675.
132. Z-F Qin, P Lin, Y Dai, Z-H Yao*, L Wang, X-S Yao*, L-Y Liu and H-F Chen. Quantification and semiquantification of multiple representative components for the holistic quality control of *Allii Macrostemonis Bulbus* by ultra high performance liquid chromatography with quadrupole time-of-flight tandem mass spectrometry. *J Sep Sci*. 2016;39(10):1834-1841.
133. J-L Cheng, J Li, Y-M Qiu, C-L Wei, L-Q Yang and J-J Fu*. Development of novel SCAR markers for genetic characterization of *Lonicera japonica* from high GC-RAMP-PCR and DNA cloning. *Genet Mol Res*. 2016;15(2):15027737.
134. Z Cai, C-K Wong*, J Dong, D Jiao, M Chu, P-C Leung, C-B-S Lau, C-P Lau, L-S Tam and C-W-K Lam. Anti-inflammatory activities of *Ganoderma lucidum* (Lingzhi) and San-Miao-San supplements in MRL/lpr mice for the treatment of systemic lupus erythematosus. *Chin Med*. 2016;11:23.

13. F Li, B Yu and R-X Wang*. Efficient synthesis of rottlerin and its two subunits. *Tetrahedron Lett.* 2016;57(17):1856-1859.
14. J Feng, W-S Leong, L Liu* and P-W-I Chen. Cardiac glycoside, a cardiac glycoside, induces primitive myeloid leukemia cell death. *Molecules*. 2016;21(4):534.
15. I-M Tsang, D-L Jiao, B-C-L Chan, J-H Xu, E-L-H Leung, C-B-S Lau, E-C-W Wong, L Cheng, C-K-M Chan, C-W-K Lam and C-K Wong*. Anti-inflammatory activities of pentaherbs extract. *Molecules*. 2016;21(4):519.
16. C-X Guo, Q Li and R-X Wang*. Chemical and biological methods for characterizing protein-protein interactions. *ChemMedChem*. 2016;11(8):738-756.
17. C-K Wong, I-M-T Chu, K-L Hon, M-S-M Tsang, M Al Saeed, B-Y-K Law, A-M Tse and T Efferth*. Pharmacogenomics of Scopoletin in tumor cells. *Molecules*. 2016;21(4):496.
140. C-K Wong*, I-M-T Chu, K-L Hon, M-S-M Tsang and C-W-K Lam. Aberrant expression of bacterial pattern recognition receptor NOD2 of Basophils and microbicidal peptides in atopic dermatitis. *Molecules*. 2016;21(4):471.
141. L Li, H Mo, J Zhang, Y-X Zhou, X-H Peng and X-P Luo*. The role of heat shock protein 90B1 in patients with polycystic ovary syndrome. *PLoS One*. 2016;11(4):e0152837.
142. Y Liang, J-L Wu, E-L-H Leung, H Zhou, Z-Q Liu, G-Y Yan, Y Liu, L Liu* and N Li*. Identification of oxygenated fatty acid as a side chain of lipo-alkaloids in *Aconitum carmichaelii* by UHPLC-Q-TOF-MS and a database. *Molecules*. 2016;21(4):437.
143. Y-Z Zhang, X Chen, X-X Fan, J-X He, J Huang, D-K Xiao, K-L Zhou, S-Y Zheng, J-H Xu, X-J Yao, L Liu* and E-L-H Leung*. Compound library screening identified cardiac Glycoside Digitoxin as an effective growth inhibitor of Gefitinib-resistant non-small cell lung cancer via downregulation of β -Tubulin and inhibition of microtubule formation. *Molecules*. 2016;21(3):37-

153. L-H Zhang, B-M Feng, Y Sun, H-H Wu, S-G Li, B Liu, F Liu, W-Y Zhang, G Chen, J Bai, H-M Hua, H-F Wang* and Y-H Pei*. **Flaviphenalenones A-C, three new phenalenone derivatives from the fungus Aspergillus flavipes PJ03-11.** *Tetrahedron Lett.* 2016;57(6):645-649.
154. J Wang, P-H Zheng, S-W Zheng, Y-F Wang, Y-Z Zhu, H Zhou, Y-P Wang* and S-Y Xiao*. **Profiling and identification of the metabolites of ginsenoside R_o in rat faeces and urine after oral administration.** *European Food Res and Tech.* 2016;242(2):199-210.
155. C-S Cheng, Q-X Yuan, H Zhou* and L-Q Huang*. **Nondestructive estimation of growth year in Ginseng Cultivars using the means of mathematical modeling on the basis of allometry.** *Microsc Res Tech.* 2016;79(2):98-105.
156. C-J Wang, Y Xie, Z Xiang, H Zhou* and L Liu*. **Simultaneous determination of thirteen major active compounds in Guanjikang preparation by UHPLC-QQQ-MS/MS.** *J Pharm Biomed Anal.* 2016;118:315-321.
157. H Luo, X Wu, H Huang, S-Y Chen, W Yang, L Zhang, H-M Cui, J Yang and A-D Yang*. **Simultaneous determination of triptolide, tripterifordin, celastrol and nine sesquiterpene alkaloids in Tripterygium preparations using high-performance liquid chromatography-triple quadrupole mass spectrometry.** *J Pharm Biomed Anal.* 2016;117:195-204.
158. G-T Dong, T-B Chen, X-C Ren, Z-F Zhang, W-X Huang, L Liu, P Luo* and H Zhou*. **Rg1 prevents myocardial hypoxia/reoxygenation injury by regulating mitochondrial dynamics imbalance via modulation of glutamate dehydrogenase and mitofusin 2.** *Mitochondrion.* 2016;26:7-18.
159. D Dai, Y Tian, H-M Guo, P Zhang, Y Huang, W Zhang, F-G Xu* and Z-J Zhang*. **A pharmacometabolic approach using predose serum metabolite profiles reveals differences in lipid metabolism in survival and non-survival rats treated with lipopolysaccharide.** *Metabolomics.* 2016;12(1):2.
160. J Pi, H-H Cai, F Yang, H Jin, J-X Liu, P-H Yang and J-Y Cai*. **Atomic force microscopy based investigations of anti-inflammatory effects in lipopolysaccharide-stimulated macrophages.** *Anal Bioanal Chem.* 2016;408(1):165-176.
161. L Feng*, M-M Zhu, W-Q Bu, C-F Wang, Z-G Zheng, R-S Wang, X-B Jia and Q Zhu*. **The C-terminal tails of 4,4'-diphenylmethane-bis(methyl) carbamate are essential for binding to receptor for advanced glycation end products to attenuate advanced glycation end products-induced inflammation and apoptosis responses in human umbilical vein endothelial cells.** *J Pharm Pharmacol.* 2016;68(1):93-106.
162. Z Zhou, W-X Shen, L-L Yu, C Xu and Q-B Wu*. **A Chinese patent medicine, Shexiang Baoxin Pill, for Non-ST-elevation acute coronary syndromes: A systematic review.** *J Ethnopharmacol.* 2016;194:1130-1139.
163. S Parhira, G-Y Zhu, M Chen, L-P Bai* and Z-H Jiang*. **Cardenolides from Calotropis gigantea as potent inhibitors of hypoxia-inducible factor-1 transcriptional activity.** *J Ethnopharmacol.* 2016;194:930-936.
164. J-J Wu, Y-F Zhu, F-Y Li, G-Y Zhang, J Shi, R-L Ou, Y-L Tong, Y-T Liu, L Liu, L-L Lu* and Z-Q Liu*. **Spica prunellae and its marker compound rosmarinic acid induced the expression of efflux transporters through activation of Nrf2-mediated signaling pathway in HepG2 cells.** *J Ethnopharmacol.* 2016;193:1-11.
165. X-M Zhong, X-C Ren, Y-L Lou, M-J Chen, G-Z Li, X-Y Gong and Z Huang*. **Effects of in-vitro cultured calculus bovis on learning and memory impairments of hyperlipemia vascular dementia rats.** *J Ethnopharmacol.* 2016;192:390-397.
166. Q Meng, L-F Yau, J-G Lu, Z-Z Wu, B-X Zhang, J-R Wang* and Z-H Jiang*. **Chemical profiling and cytotoxicity assay of bufadienolides in toad venom and toad skin.** *J Ethnopharmacol.* 2016;187:74-82.

167. L Ulitz and Q-H Sun*. Ambient particulate matter pollution on lipid peroxidation in cardiovascular diseases. *Environ Dis.* 2016;1(4):109-117.
168. B Nghiem, X-T Zhang, H-M Lam, L-D True, I Coleman, C-S Higano, P-S Nelson, C-C Pritchard and C Morrissey*. Mismatch repair enzyme expression in primary and castrate resistant prostate cancer. *Asian J Urol.* 2016;3(4):223-228.
169. C-C-W Yu*, A-M-McManus, H-K So, P Chook, C-T Au, A-M Li, J-T-C Kam, R-C-H So, C-W-K Lam, I-H-S Chan and R-Y-T Sung. Effects of resistance training on cardiovascular health in non-obese active adolescents. *World J Clin Pediatr.* 2016;5(3):293-300.
170. T-Y Wang, H Zhou and Q-H Sun*. Fluctuation in ambient temperature: interplay between brown adipose tissue, metabolic health, and cardiovascular diseases. *Environ Dis.* 2016;1(1):3-13.
171. Y Li and S-M Huang*. Chromatin rules. *Stem Cell Investig.* 2016;3:4.
172. S-H Chui*, F-C Chow, Y-T Szeto, K Chan and C-W-K Lam. A case series on acupuncture treatment for female infertility with some cases supplemented with Chinese medicines Follow up study. *J Community Med Health.* 2016;6(1):398.
173. P-H Tai*, C-K Cheng, M-Y Fong, S-H Chui, G Cheng and C-W-K Lam. Screening abnormal complete blood count results from the Medical Examination of 2014 Macau-born university freshmen students to estimate the current prevalence of Thalassemia trait in Macau (2014). *J Macau Uni Sci Tech.* 2016;10(2):100-116.
174. C-F-Y Duan, V-K-W Wong and B-Y-K Law*. Investigation and analysis of the medication safety knoylege among college students in Macau (. *J Macau Uni Sci Tech.* 2016;10(2):104-109.
175. C-S Cheng, W-Q Chen, J Liang, C-J Wang, Z-F Zhang, L Liu and H Zhou*. History characteristics and current situation of traditional Chinese medicine in Macau (. *J Macau Uni Sci Tech.* 2016;10(1):127-136.
176. * (Isothermal nucleic acid amplification technology and its application in molecular identification of Chinese materia medica) 中草藥 2016;47(23):4289-4294
177. _____ (Differential expression analysis of long non-coding RNA in the plasma of patients with latent tuberculous infection) 中華檢驗醫學雜誌 2016;39(11):857-863
178. _____ * (Relationship of traditional Chinese medical syndromes with three-dimensional radiological imaging and physical signs of lumbar intervertebral disc herniation) 廣州中醫藥大學學報 2016;33(6):768-771
179. _____ PI3K/Akt (PI3K/Akt signal pathway in pathogenesis of polycystic ovary syndrome) 基礎醫學與臨床 2016;36(11):1596-1602
180. _____ (Tujia ethnomedicine Xuetong suppresses onset and progression of adjuvant-induced arthritis in rats) 中國藥理學通報 2016;32(10):1427-1432
181. _____ * 光明中醫 2016;31(17):2487-2488
182. _____ (中國醫院用藥評價與分析 2016;16(9):1159-1160)

183. * H5N1 (Effect and mechanism of extracts of Nidus Collocaliae on resisting avian influenza A H5N1 virus) 廣州中醫藥大學學報 2016;33(5):710-715
184. * (Clinical observation of effects of thread-embedding therapy combined with traditional Chinese medicine in treatment of functional dyspepsia accompanied by anxiety and depression) 中國民康醫學 2016;28(18):50-52
185. * 新中醫 2016;48(7):217-218
186. * (The research progress on therapy of TCM in the treatment of functional dyspepsia) 光明中醫 2016;31(11):1675-1676
187. * 蜜蜂雜誌 2016;6:37-38
188. * (Discussion on Chinese medicines' patent application and eligibility in the United States) 中國藥房 2016;27(16):2168-2171
189. * 中國實用婦科與產科雜誌 2016;32(5):446-449
190. (Meaning of exegetics research on acupoint name) 中國針灸 2016;36(5):539-542
191. beta1 Effects of Xihuang Capsule on expression of TGF-beta1 in infected wounds of head and neck skin abscesses) 中華中醫藥雜誌 2016;31(4):1507-1509
192. * 中華臨床醫師雜志(電子版) 2016;10(7):107
193. * (Impacts of numerology on acupuncture) 中國針灸 2016;36(4):421-424.
194. (Study on anti-inflammatory effect and underlying mechanism of DMY in LPS-induced septic mice) 中國免疫學雜誌 2016;32(4):465-469
195. 環球中醫藥 2016;9(3):362-364
196. * 蜜蜂雜誌 2016;3:33-35
197. * 新中醫 2016;48(2):218-222
198. * (Immunogenicity and allergenicity of recombinant Der p2 mutant allergen) 國際免疫學雜誌 2016;39(1):8-13
199. (Investigation on stress factors causing Dao-Diproduction are change of Astragalus membraneus using current and historical geographic and climatic information) 世界科學技術-中醫藥現代化 2016;18(1):11-17
200. 中醫雜誌 2016;57(2):173-175
200. 天地圖書 978-988-8257-49-2