

## 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. 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.
6. 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.
7. 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.
8. 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- $\beta$ -D-glucopyranoside from the root of *Isatis indigotica* inhibits influenza A virus-induced pro-inflammatory response.** *J Ethnopharmacol.* 2015;174:379-386.
9. 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.
10. 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.
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12. 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.

13. 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.
14. 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.
15. 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.
16. 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.
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18. 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.
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20. 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.
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22. 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.
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