

## Published papers (2014)

: 4 15%

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

1. E-L-H Leung, V-K-W Wong, Z-H Jiang, T Li and L Liu\*. **Integrated network-based medicine: The role of traditional Chinese medicine in developing a new generation of medicine.** *Science*. 2014;346(6216):S16-S18.
2. T-P Fan\*, J Briggs\*, L Liu\*, A-P Lu\*, J van der Greef\* and A-L Xu\*. **Integrating traditional medicine into modern health care.** *Science*. 2014;346(6216):S4
3. W-J Tian, Y-Q Qiu, X-J Yao, H-F Chen, Y Dai\*, X-K Zhang and X-S Yao\*. **Dioxasampsones A and B, two polycyclic polyprenylated acylphloroglucinols with unusual epoxy-ring-fused skeleton from *Hypericum sampsonii*.** *Org Lett*. 2014;16(24):6346-6349.
4. 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-

7. B Misof\*, S-L Liu, K Meusemann, R-S Peters, A Donath, C Mayer, P-B Frandsen, J Ware, T Flouri, R-G Beute, O Niehuis, M Petersen, F Izquierdo-Carrasco, T Wappler, J Rust, A-J Aberer, U Aspöck, H Aspöck, D Barte, A Blanke, S Berger, A Böhm, T-R Buckley, B Calcott, J-Q Chen, F Friedrich, M Fukui, M Fujita, C Greve, P Grobe, S-C Gu, Y Huang, L-S Jermin, A-Y Kawahara, L Krogmann, M Kubiak, R Lanfear, H Letsch, Y-Y Li, Z-Y Li, J-G Li, H-R Lu, R Machida, Y Mashimo, P Kapli, D-D McKenna, G-L Meng, Y Nakagaki, J-L Navarrete-Heredia, M Ott, Y-X Ou, G Pass, L Podsiadlowski, H Poh, B-M von Reumont, K Schütte, K Sekiya, S Shimizu, A Slipinski, A Stamatakis, W-H Song, X Su, N-U Szucsich, M-H Tan, X-M Tan, M Tang, J-B Tang, G Timelthaler, S Tomizuka, M Trautwein, X-L Tong, T Uchifune, M-G Walz, B-M Wiegmann, J Wilbrandt, B Wipfler, T-K-F Wong, Q Wu, G-X Wu, Y-L Xie, S-Z Yang, Q Yang, D-K Yeates, K Yoshizawa, Q Zhang, R Zhang, W-W Zhang, Y-H Zhang, J Zhao, C-R Zhou, L-L Zhou, T Ziesmann, S-J Zou, Y-R Li, X Xu, Y Zhang, H-M Yang, J Wang, J Wang\*, K-M Kjer\* and X Zhou\*. **Phylogenomics resolves the timing and pattern of insect evolution.** *Science*. 2014;346(6210):763-767.
8. B Wen, S-H Xu, G-M Sheynkman, Q Feng, L Lin, Q-H Wang, X Xu, J Wang and S-Q Liu\*. **sapFinder: an R/Bioconductor package for detection of variant peptides in shotgun proteomics experiments.** *Bioinformatics*. 2014;30(21):3136-3138.
9. S-L Zhang\*, H-H Bai, J-M Luo, P-H Yang\* and J-Y Cai. **A recyclable chitosan-based QCM biosensor for sensitive and selective detection of breast cancer cells in real time.** *Analyst*. 2014;139(23):6259-6265.
10. L-P Bai, M Hagihara, K Nakatani and Z-H Jiang\*. **Recognition of Chelerythrine to human telomeric DNA and RNA G-quadruplexes.** *Sci Rep*. 2014;4:6767.
11. X-X Fan, M-P Wong, Z-W Cao, N Li, J-L Wu, H Zhou, Z-H Jiang, L Liu and E-L-H Leung. **Apoptotic effect of a single compound derived from natural product in Gefitinib-resistant non-small cell lung cancer cells.** *Cancer Res*. 2014;74(19 Suppl): 3193.
12. J Liu, E-L-H Leung, Z-J Xiao, V-P Tin and M-P Wong. **P38MAPK plays a tumor suppressive role through differentiation of ALDH<sup>high</sup>/CD44<sup>high</sup> tumor initiating cells in primary human lung adenocarcinoma.** *Cancer Res*. 2014;74(19 Suppl): 1949.
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14. M-C-P Leung\*, K-K Yip, J-Y-S Ho, F-K-W Siu, W-C Li and B Garner. **Mechanisms underlying the effect of acupuncture on cognitive improvement: A systematic review of animal studies.** *J Neuroimmune Pharmacol*. 2014;9(4):492-507.
15. E Huerta-Sanchez, X Jin, Asan, Z Bianba, B-M Peter, N Vinckenbosch, Y Liang, X Yi, M-Z he, M Somel, P-X Ni, B Wang, X-H Ou, Huasang, J-B Luosang, Z-X-P Cuo, K Li, G-Y Gao, Y Yin, W Wang, X-Q Zhang, X Xu, H-M Yang, Y-R Li, J Wang\*, J Wang\* and R Nielsen\*. **Altitude adaptation in Tibetans caused by introgression of Denisovan-like DNA.** *Nature*. 2014;512(7513):194-197.
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24. Q-F Bai, Y-L Shen, N-Z Jin, H-X Liu and X-J Yao\*. **Molecular modeling study on the dynamical structural features of human smoothed receptor and binding mechanism of antagonist LY2940680 by metadynamics simulation and free energy calculation**

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