

## 利用我们实验室测试结果发表的代表性论文（2018.8.11 更新）

(注: 抱歉不能概全, 也可能存在论文信息错误。如需 PDF 文件, 可以发邮件到 isolab@163.com)

1. Dong Y., Morgan C., Chinenovc Y. Zhou L., Fan W., Ma X., Pechenkin K\*. 2017. Shifting diets and the rise of male-biased inequality on the Central Plains of China during Eastern Zhou. *PNAS* 114:932-937 (IF: 9.50, 2017; 美国科学院院刊)
2. Yang Y.Z.\*, Wang H., Harrison S., Peng C.H.\*, Prentice I.C., Wright I.J., Lin G.H.\* 2018. Quantifying leaf trait covariation and its controls across climates and biomes. *New Phytologist*, in press (IF=7.43, 2017; 植物生理生态学顶级刊物)
3. Liang J., Wright J.S., Cui X., Sternberg L., Gan W., Lin G.\* 2018. Leaf anatomical traits determine the <sup>18</sup>O enrichment of leaf water in coastal halophytes. *Plant, Cell & Environment* 2018 1–14. (IF: 6.17, 2017; 植物生理生态学顶级刊物) <https://doi.org/10.1111/pce.13398>.
4. Zhou J., Yang Z.J., Wu G.H., Yang Y.Z., Lin G.H.\* 2018. The relationship between soil CO<sub>2</sub> efflux and its carbon isotope composition under non-steady-state conditions. *Agricultural and Forest Meteorology* 257: 492-500 (IF: 4.04, 2017; 农林科学排名第一刊物).  
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8. Hong J., Ma X., Yan Y. et al. 2018. Which root traits determine nitrogen uptake by alpine plant species on the Tibetan Plateau? *Plant and Soil* 424: 63-69.  
<https://doi.org/10.1007/s11104-017-3434-3>.
9. Hong J., Ma X., Zhang X. et al. 2017. Nitrogen uptake pattern of herbaceous plants: coping strategies in altered neighbor species. *Biology and Fertility of Soils* 53: 729. <https://doi.org/10.1007/s00374-017-1230-0>.
10. Tian P., Zhang J., Müller C. Cai Z., Jin G.\*. 2018. Effects of six years of simulated N deposition on gross soil N transformation rates in an old-growth temperate forest. *Journal of Forest Research* 29: 647.  
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- strategies of natural *Pinus sylvestris* var. *Mongolica* trees of different ages in Hulunbuir Sandy Land of Inner Mongolia, China, based on stable isotope analysis. *Trees* 32:1001–1011.
- 12. Zhu Y.\*, Guojie Wang G., Li R\*. 2016. Seasonal dynamics of water use strategy of two salix shrubs in alpine sandy land, Tibetan Plateau. PLoS One DOI:10.1371/journal.pone.0156586
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