

Lecturer Le Luo

College of Resources and Environmental Sciences
Nanjing Agricultural University
Nanjing 210095, China
Email: luole@njau.edu.cn
Phone: +86 (0)25 84396383

**Education**

Ph. D. in agricultural and environmental biology, *the University of Tokyo, Japan* (2013)

M. S. in plant breeding, *China Agricultural University* (2009)

B. S. in horticulture, *China Agricultural University* (2006)

Career

2013.12 – Present, **Lecturer**, *Nanjing Agricultural University, China*

2013.06-2013.12, **Postdoctor**, *the University of Tokyo, Japan*

Current Research Projects

1. Mechanism of nitrogen regulation on rice tiller bud outgrowth associated with strigolactone, National Natural Science Foundation of China, 2015-2017;
2. Function of strigolactone involved in the control of rice tiller bud outgrowth by nitrogen, National Natural Science Foundation of Jiangsu, 2015-2017;

Publications (* corresponding author):

Luo L, Pan S, Liu XH, Wang HX and Xu GH*, Nitrogen deficiency inhibits cell division-determined elongation, but not initiation, of rice tiller buds, *Israel J Plant Sci*, 10.1080/07929978.2016.1275367.

Liu QQ, Luo L, Wang XX, Shen ZG and Zheng LQ*, Comprehensive analysis of rice laccase gene (OsLAC) family and ectopic expression of OsLAC10 enhances tolerance to copper stress in *Arabidopsis*, *Int J Mol Sci*, 2017,18(2),209; doi:10.3390/ijms18020209

Wang HD, Sun R, Cao Y, Pei WX, Sun YF, Zhou HM, Wu XN, Zhang F, Luo L, Shen QR, Xu GH and Sun SB*, OsSIZ1, a SUMO E3 Ligase Gene, is Involved in the Regulation of the Responses to Phosphate and Nitrogen in Rice, *Plant Cell Physiol*, 2015, 56: 2381-2395

Chen G, Hu QD, Luo Le, Yang TY, Zhang S, Hu YB, Yu L and Xu GH*, Rice potassium transporter OsHAK1 is essential for maintaining potassium-mediated growth and functions in salt tolerance over low and high potassium concentration ranges, *Plant Cell Environ*, doi: 10.1111/pce.12585

Luo L, Li W, Miura K, Ashikari M and Kyoizuka J*, Control of tiller growth of rice by OsSPL14 and strigolactones, which work in two independent pathways, *Plant Cell Physiol*, 2012,53:1793-1801

Minakuchi K, Kameoka H, Yasuno N, Umehara M, Luo L, Kobayashi K, Hanada A, Ueno K, Asami T, Yamaguchi S and Kyojuka J*, FINE CULM1 (FC1) works downstream of strigolactones to inhibit the outgrowth of axillary buds in rice, *Plant Cell Physiol*, 2010, 51:1127-1135

Li ML, Yuyama NN, Luo L, Hirata M and Cai HWV, In silico mapping of 1758 new SSR markers developed from public genomic sequences for sorghum, *Mol Breeding*, 2009, 24:41-47

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