

外国留学生研究生导师情况表
Resume of Supervisor (中英文版)

导师姓名 Name of Supervisor	李州 Zhou Li	导师类别 Supervisor Level	博导 <input type="checkbox"/> 硕导 <input checked="" type="checkbox"/> Doctor <input type="checkbox"/> Master <input checked="" type="checkbox"/>
最后学历 Highest Degree	博士 Doctor	职称 Professional Title	讲师 Lecturer
院所 College/Institute	动物科技学院 College of Animal Science and Technology		
学科 Discipline	草学 Grassland Science		
邮箱 Email	lizhou1986814@163.com		
出国经历 Experience Abroad	2014年9月-2016年8月: 罗格斯大学(美国), 联合培养博士 9/2014-8/2016: Rutgers University, NJ, USA, Joint PhD Student		
研究方向 Research Fields	Physiological and molecular mechanism of plants response to abiotic stresses		
代表性成果(10项以内) Publications	<p>目前以第一作者身份公开发表科研论文 20 篇, 其中被 SCI 收录论文 13 篇, 重要核心期刊论文 7 篇; 主持国家自然科学基金项目和四川省国际合作项目各一项; 留学美国两年, 英语听说能力强。</p> <ol style="list-style-type: none"> 1. Li Z, Zhang Y, Zhang XQ, Merewitz E, Peng Y, Ma X, Huang LK, Yan YH (2017) Metabolic pathways regulated by chitosan contributing to drought resistance in white clover. <i>Journal of Proteome Research</i> 16:3039-3052 (SCI 收录 IF=4.268) 2. Li Z, Peng DD, Zhang XQ, Peng Y*, Chen M, Ma X, Huang LK, Yan YH (2017) Na⁺ induces the tolerance to water stress in white clover associated with osmotic adjustment and aquaporins-mediated water transport and balance in root and leaf. <i>Environmental and Experimental Botany</i> 144:11-24 (SCI 收录 IF=4.369) 3. Li Z, Yu JJ, Peng Y, Huang BR* (2017) Metabolic pathways regulated by abscisic acid, salicylic acid, and γ-aminobutyric acid in association with improved drought tolerance in creeping bentgrass (<i>Agrostis stolonifera</i>). <i>Physiologia Plantarum</i> 159:42-58 (SCI 收录 IF=3.330) 4. Li Z, Yu JJ, Peng Y, Huang BR* (2016) Metabolic pathways regulated by γ-aminobutyric acid (GABA) contributing to heat tolerance in creeping bentgrass (<i>Agrostis stolonifera</i>). <i>Scientific Reports</i>: rep30338 (SCI 收录 IF=5.228) 5. Li Z, Zhang Y, Zhang XQ, Peng Y*, Ma X, Huang LK, Yan YH (2016) Physiological and iTRAQ-based proteomic analyses reveal the function of spermidine on improving drought tolerance in white clover. <i>Journal</i> 		

of Proteome Research 15:1563-1579 (SCI 收录 IF=4.268)

6. **Li Z**, Zhang Y, Zhang XQ, Peng Y*, Emily Merewitz, Ma X, Huang LK, Yan YH (2016) The alterations of endogenous polyamines and phytohormones induced by exogenous application of spermidine regulate antioxidant metabolism, metallothionein and relevant genes conferring drought tolerance in white clover. Environmental and Experimental Botany 124:22-38 (SCI 收录 IF=4.369)
7. **Li Z**, Zhang Y, Peng DD, Wang XJ, Peng Y*, He XS, Zhang XQ, Ma X, Huang LK, Yan YH (2015) Polyamine regulates tolerance to water stress in leaves of white clover associated with antioxidant defense and dehydrin genes via involvement in calcium messenger system and hydrogen peroxide signaling. Frontiers in Physiology 6:280. (SCI 收录 IF=4.031)
8. **Li Z**, Jing W, Peng Y*, Zhang XQ, Ma X, Huang LK, Yan YH (2015) Spermine alleviates drought stress in white clover with different resistance by influencing carbohydrate metabolism and dehydrins synthesis. PLoS ONE 10(4):e0120708. (SCI 收录 IF=3.057)
9. **Li Z**, Zhou H, Peng Y*, Zhang XQ, Ma X, Huang LK, Yan YH (2015) Exogenously applied spermidine improves drought tolerance in creeping bentgrass associated with changes in antioxidant defense, endogenous polyamines and phytohormones. Plant Growth Regulation 76:71-82. (SCI 收录 IF=2.333)
10. **Li Z**, Peng Y*, Zhang XQ, Ma X, Huang LK, Yan YH (2014) Exogenous spermidine improves seeds germination of white clover under water stress via involvement in starch metabolism, antioxidant defenses and relevant gene expression. Molecules 19: 18003-18024. (SCI 收录 IF=2.416)