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### **Education:**

2000 B.S. Huazhong University of Science and Technology, Wuhan, China  
2005 M.S. Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, Beijing, China  
2012 Ph.D. Texas Tech University, Lubbock, TX

### **Work Experience:**

2005-2006 Research Assistant Institute of Genetics and Developmental Biology, Beijing, China  
2012-2014 Research Assistant Texas Tech University, Lubbock, TX  
2015-present Post-Doc Fellow. Oak Ridge National Laboratory

### **Awards and Honors:**

2006-2009 AT&T Chancellor Fellowship, Texas Tech University  
2010 & 2011 Study Abroad Competitive Scholarships, Texas Tech University  
2012 Doctoral Dissertation Completion Fellowship, Texas Tech University

### **Membership:**

2007-Present American Society of Plant Biologists

### **Teaching Experience:**

2006-2012 Teaching Assistant, Genetics, Texas Tech University

### **Publications** (available upon request):

1. **Hu, R.**, Zhu, Y., Wei, J., Chen, J., Shen, G., Shi, H., and Zhang, H. (2016). Overexpression of PP2A-C5 that encodes the catalytic subunit 5 of protein phosphatase 2A in *Arabidopsis* confers better root and shoot development under salt conditions. ***Plant Cell Environ.*** 2016 Sep 27. doi: 10.1111/pce.12837 [Epub ahead of print]

2. Hu, W., Lin, C., Qiu, X., Lu, H., Wei, J., Bai, Y., He, N., **Hu, R.** Sun, L., Zhang, H., and Shen, G. (2016). Morphological, Physiological and Proteomic Analyses Provide Insights into the Improvement of Castor Bean Productivity of a Dwarf Variety in Comparing with a High-Stalk Variety. ***Front. Plant Sci.*** 29 September 2016 | <http://dx.doi.org/10.3389/fpls.2016.01473>
3. Liu, D., **Hu, R.**, Palla, K.J., Tuskan, G.A., Yang, X. (2015). Advances and perspectives on the use of CRISPR/Cas9 systems in plant genomics research. ***Curr. Opin. Plant Biol.*** 30, 70-77.
4. Wei, J., Qiu, X., Chen, L., **Hu, R.**, Chen, J., Sun, L., Li, L., Zhang, H., Lv, Z., and Shen, G. (2015). The E3 ligase AtCHIP positively regulates Clp proteolytic subunit homeostasis. ***J. Exp. Bot.*** 66, 5809-5820.
5. Wei, J., Chen, L., Qiu, X., Hu, W., Sun, H., Chen, X., Bai, Y., Gu, X., Wang, C., Chen, H., **Hu, R.**, Zhang, H., Shen, G. (2015). Optimizing refining temperatures to reduce the loss of essential fatty acids and bioactive compounds in tea seed oil. ***Food and Bioprocess Processing***, 94, 136-146.
6. **Hu, R.**, Zhu, Y., Shen, G., and Zhang, H. (2014). TAP46 plays a positive role in the *abscisic acid insensitive 5*-regulated gene expression in Arabidopsis. ***Plant Physiol.*** 164, 721-734.
7. Chen, J., **Hu, R.**, Zhu, Y., Shen, G., and Zhang, H. (2014). Arabidopsis thaliana phosphotyrosyl phosphatase activator is essential for protein phosphatase 2A holoenzyme assembling and plays important roles in hormone signaling, salt stress response, and plant growth and development. ***Plant Physiol.*** 166(3):1519-1534.
8. Shen, G., Wei, J., Qiu, X., **Hu, R.**, Kuppu, S., Auld, D., Blumwald, E., Gaxiola, R., Payton, P., and Zhang, H. (2014). Co-overexpression of *AVPI* and *AtNHX1* in cotton further improves drought-and salt-tolerance in transgenic cotton plants. ***Plant Mol. Biol. Rep.***, 10.1007/s11105-014-0739-8
9. Kuppu, S., Mishra, N., **Hu, R.**, Sun, L., Zhu, X., Shen, G., Blumwald, E., Payton, P., and Zhang, H. (2013). Water-deficit inducible expression of a cytokinin biosynthetic gene *IPT* in cotton improves drought tolerance under controlled environment growth conditions. ***PLoS ONE*** 8(5): e64190. doi:10.1371/journal.pone.0064190

10. Sun, L., **Hu, R.**, Shen, G., and Zhang, H. (2013). Genetic engineering peanut for higher drought- and salt-tolerance. ***Food Nutrition Sci.*** 4, 1-7.
11. Qin, H., Gu, Q., Kuppu, S., Sun, L., Zhu, X., Mishra, N., **Hu, R.**, Shen, G., Zhang, J., Zhang, Y., Zhu, L., Zhang, X., Burow, M., Payton, P., and Zhang, H. (2013). Expression of the Arabidopsis vacuolar H<sup>+</sup>-pyrophosphatase gene *AVPI* in peanut to improve drought and salt tolerance. ***Plant Biotech. Rep.*** 7, 345–355.