

# CURRICULUM VITAE

Personal Information			
Name	Yongmo Wang	Gender	Male
Position Title	Associate Professor		
Working Department	College of Plant Science & Technology, Huazhong Agricultural University		
Email	ymwang@mail.hzau.edu.cn		
Address	No.1, Shizishan Street · Hongshan District · Wuhan · Hubei Province · 430070 · P.R.China		
Tel		Fax	
Research Interest			
<p>My main research interests are insect ecology and pest insect management. The target insects involved in my research are generally sap sucking insects, such as the brown planthopper (the BPH) (<i>Nilaparvata lugens</i>) and the cotton aphid (<i>Aphis gossypii</i>). One of my current work focuses on applying molecular genetic methods (whole-genome shotgun sequencing) to study patterns of population genetic structure of the BPH. The BPH is domestic to tropic areas and it cannot overwinter in temperate areas because of low winter temperature. Where the BPH comes from and how it overwinters, that information is important for forecasting and developing proper method to control it. Another project focuses on the cotton aphid <i>Aphis gossypii</i> that is a polyphagous phytophagous insect; by transcriptome and proteome methods my group is attempting to decipher the mechanisms of host adaptation.</p>			
Professional Memberships			
Vice secretary general of Hubei Society for Plant Protection			
Other Roles			
Education & Working Experience			
2007-today Huazhong Agricultural University/Associate Professor			
2004-2007 China Agricultural University/PH.D research			
Publications			

1. Wang L, Meng M, Wang Y. Repeated mating with the same male increases female longevity and fecundity in a polyandrous leaf beetle *Galerucella birmanica* (Coleoptera: Chrysomelidae)[J]. *Physiological Entomology*, 2018.
2. Huang, C., Hu, B., Li, J., & Wang, Y. (2016). Water-oats harbors two strains of the striped stem borer *Chilo suppressalis*. *Applied Entomology and Zoology*, 51(3), 457-463.
3. Wang Y(王永模), Hereward JP Zhang G. 2015. High Spatial Genetic Structure and Genetic Diversity in Chinese Populations of *Sitobion miscanthi* (Hemiptera: Aphididae). *Journal of Economic Entomology*, 1 - 10. doi: 10.1093/jee/tov294
4. Haijiang Fan, Yongmo Wang(王永模)\*, Jianhong Li, Guoan Zhang. 2014. Exposure to males reduces the benefit gained from multiple mating in female *Galerucella birmanica* Jacoby (Coleoptera: Chrysomelidae). *Behav Ecol Sociobiol*. DOI 10.1007/s00265-014-1823-7.
5. Guangsheng Li, Yongmo Wang (王永模)\*, Biao Liu, Guoan Zhang. 2014. Transgenic *Bacillus thuringiensis* (Bt) Rice Is Safer to Aquatic Ecosystems than Its Non-Transgenic Counterpart. *Plos one*, DOI: 10.1371/journal.pone.0104270.
6. Schellhorn NA, Parry HR, Macfadyen S, Yongmo Wang(王永模) and Zalucki MP. 2014. Connecting scales: Achieving in-field pest control from areawide and landscape ecology studies. *Insect Science*, 00, 1 - 17, DOI 10.1111/1744-7917.12161.
7. Wang Y.(王永模), Huang J., Hu H., Li J., Liu B., Zhang G. 2013. Field and laboratory studies on the impact of two Bt rice lines expressing a fusion protein Cry1Ab/1Ac on aquatic organisms. *Ecotoxicology and Environmental Safety*, <http://dx.doi.org/10.1016/j.ecoenv.2013.02.018>.
8. Huang J., Zhang G., Wang Y. (王永模)\* 2013. Effects of age, ambient temperature and reproductive status on wing beat frequency of the rice leafroller *Cnaphalocrocis medinalis* (Guenée) (Lepidoptera: Crambidae). *Applied Entomology & Zoology*. DOI: 10.1007/s13355-013-0209-z.
9. Wang, Y.(王永模), Hu, H., Huang, J., Li, J., Liu, B., Zhang, G., 2013. Determination of the movement and persistence of Cry1Ab/1Ac protein released from transgenic rice under field and hydroponic conditions. *Soil Biol. Biochem.* 58, 107–114.
10. Eltayeb E. Mansour, Fengyu Mi, Guoan Zhang, Xie Jiugao, Yongmo Wang (王永模) , Abu Kargbo. Effect of allylisothiocyanate on *Sitophilus oryzae*, *Tribolium confusum* and *Plodia interpunctella*: Toxicity and effect on insect mitochondria. *Crop Protection*, 2012, 33: 40-51.