

# CURRICULUM VITAE

| Personal Information  |   |            |      |
|---|---|------------|------|
| Name  | Wang Man-Qun  | Gender     | Male |
| Position Title  |   | Professor  |      |
| Working Department  |   | Entomology |      |
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| Research Interest   |   |            |      |
| <ul style="list-style-type: none"><li>▪ Relationship between plant and insect</li><li>▪ Olfactory mechanism of insect</li></ul>   |   |            |      |
| Professional Memberships  |   |            |      |
| <ul style="list-style-type: none"><li>▪ Fellow of the Entomological Society of China</li></ul>  |   |            |      |
| Other Roles   |   |            |      |
|   |   |            |      |
| Education & Working Experience  |   |            |      |
| <ul style="list-style-type: none"><li>• 2006 – 2007: Post Doctor in Rothamstad Research, UK</li><li>• 1997 – 2000: Ph.D. in Entomology. Nanjing Forestry University, Nanjing China</li><li>• 1994 – 1997: M.S. in Entomology. Shanxi Agricultural University, Taiyuan China</li><li>• 1990 – 1994: B.A. in Forest Protection. Shanxi Agricultural University, Taiyuan China</li><li>• 2000 – 2002: Lecturer at College of Forestry Environment &amp; Resources, Nanjing</li></ul> |   |            |      |



Forestry University, doing research on Insect Physiological Ecology

- 2002- : College of Plant Science & Technology, Huazhong Agricultural University, Wuhan China

## Publications

(First author or as Correspondence, Last Five Years)

1. Hui Li, Guoan Zhang, Man-Qun Wang. Chemosensory Protein genes of *Batocera horsfieldi* (Hope): Identification and Expression Pattern. *Journal of Applied Entomology*, 2012, doi: 10.1111/j.1439-0418.2012.01712.x
2. Sen-Lin Luo, Man-Qun Wang, Piao-Piao Zhuge. Mating behavior and contact pheromones of *Batocera horsfieldi* (Hope) (Coleoptera: Cerambycidae). *Entomological Science*, 2011, 14: 359-363 (Correspondence)
3. Xiao Sun, Man-Qun Wang, Guoan Zhang. Ultrastructural observations on antennal sensilla of *Cnaphalocrocis medinalis* (Lepidoptera: Pyralidae). *Microscopy Research and Technique*, 2011, 74: 113-21 (Correspondence)
4. Sheng-Bing Wu, Man-Qun Wang, Guoan Zhang. Effects of putrescine on diapause induction and intensity, and post-diapause development of *Helicoverpa armigera*. *Entomologia Experimentalis et Applicata*, 2010, 136: 199–205 (Correspondence)
5. Piao-Piao Zhuge, Sen-Lin Luo, Man-Qun Wang, Guoan Zhang. Electrophysiological Responses of *Batocera horsfieldi* (Hope) Adults to Plant Volatiles. *Journal of Applied Entomology*, 2010 134: 600–607

## (Correspondence)

1. Zhi-Chun Zhang, Man-Qun Wang, Yao-Bin Lu, Guoan Zhang. Molecular Characterization and Expression Pattern of Two General Odorant Binding Proteins from the Diamondback Moth, *Plutella xylostella*. *Journal of Chemical Ecology*, 2009, 35(10): 1188-119 (Correspondence)
2. Zhi-Chun Zhang, Man-Qun Wang, Guoan Zhang. Molecular cloning and expression of pheromone-binding protein1 from the diamondback moth, *Plutella xylostella*. *Entomologia Experimentalis et Applicata* 2009,133(2): 136-145 (Correspondence)
3. Zhi-Chun Zhang, Man-Qun Wang, Guoan Zhang. Behavioral and electrophysiological responses of the diamondback moth, *Plutella xylostella* L., to polyamines". *Entomologia*

- Generalis, 2009, 32(2): 85-92 (Correspondence)
4. Zhi-Chun Zhang, Man-Qun Wang, Hui Li, Guoan Zhang. Effects of polyamines and polyamine synthesis inhibitor on antennal electrophysiological responses of diamondback moths, *Plutella xylostella* L. *Entomologia Experimentalis et Applicata*, 2008, 129(1): 18-25 (Correspondence)
  5. Piao-Piao Zhuge, Sen-Lin Luo, Man-Qun Wang, Guoan Zhang. Observation of Sensilla on the Cephalic Appendages of *Batocera horfieldi* with Scanning Electron Microscope. *Scientia Silvae Sinicae*, 2010, 46(5): 116-121 (In Chinese with English Abstract) (Correspondence)
  6. Hui Li, Man-Qun Wang, Guoan Zhang. Odors perception mechanism of insects. *Chinese Bulletin Entomology*, 2010, 47(1): 29-38 (In Chinese with English Abstract) (Correspondence)
  7. Yan-Hong Ding, Piao-Piao Zhuge, Man-Qun Wang, Guoan Zhang. Observation of antennal sensilla of *Frankliniella occidentalis* with scanning electron microscopy. *Chinese Bulletin Entomology*, 2010, 47(1): 165-171 (In Chinese with English Abstract) (Correspondence)
  8. Zhi-Chun Zhang, Man-Qun Wang, Guoan Zhang. Molecular cloning and expression characterization of a chemosensory protein gene *PxylCSP1* from the diamondback moth, *Plutella xylostella*. *Acta Entomologica Sinica*, 2009, 52(2): 140-146 (In Chinese with English Abstract) (Correspondence)
  9. Man-Qun Wang, Zhi-Chun Zhang, Xiao-Ping Fang, Guoan Zhang, Dawei Ye. Effects of herbicide resistant transgenic rapeseed on the population of major insect pests in spring rapeseed area. *Chinese Journal of Oil Crop Science*, 2009, 31(1): 56-60 (In Chinese with English Abstract) (Correspondence)
  10. Piao-Piao Zhuge, Hong-Mei Ge, Man-Qun Wang, Sheng-Bing Wu, Sen-Lin Luo, Guoan Zhang. Observation of sensilla on the cephalic appendage of *Apriona germari* with scanning electron microscopy. *Chinese Bulletin Entomology*, 2009, 46(2): 238-243 (In Chinese with English Abstract) (Correspondence)
  11. Nan Wang, Man-Qun Wang, Zhi-Chun Zhang, Sheng-Bin Wu, Guoan Zhan. Effect of spermidine on development and activity of protective enzymes of the diamondback

moth, *Plutella xylostella*. Chinese Bulletin Entomology, 2009, 46(3): 420-423 (In Chinese with English Abstract) (Correspondence)

12. Man-Qun Wang, Zhi-Chun Zhang, Xiao-Ping Fang, Guoan Zhang, Dawei Ye. Effects of herbicide resistant transgenic rapeseed on insect community inspring rape field. Chinese Journal of Oil Crop Science, 2008, 30(4): 483-490 (In Chinese with English Abstract) (Correspondence)

13. Juan Li, Man-Qun Wang, Zhi-Chun Zhang, Jingyuan Chen, Guoan Zhan. Behavioral Response of *Batocera horsfieldi* Adults to Plant Volatile. Scientia Silvae Sinicae, 2008, 44(6): 960-962 (In Chinese with English Abstract)

#### **(Correspondence)**

1. Nan Wang, Man-Qun Wang, Zhi-Chun Zhang, Sheng-Bin Wu, Hui Li, Guoan Zhan. Effect of putamine on development and activitiy of protective enzymes of the diamondback moth, *Plutella xylostella*. Chinese Bulletin Entomology, 2008(4): 573-576 (In Chinese with English Abstract) (Correspondence)

2. Zhi-Chun Zhang, Man-Qun Wang, Nan Wang, Juan Li, Guoan Zhang. Rapid analysis of polyamines in insects by High Performance Liquid Chromatograpy. Chinese

3. Bulletin Entomology, 2007,44(1): 130-134 (In Chinese with English Abstract)

#### **(Correspondence)**

1. Zhi-Chun Zhang, Nan Wang, Juan Li, Man-Qun Wang, Guoan Zhang, Bingkun Tu. The spatial distribution pattern of eggs and larvae of *Loster anahoreta* and their sampling technique. Chinese Bulletin Entomology, 2006, 43(2): 192-195 (In Chinese with English Abstract) (Correspondence)

2. Zhi-Chun Zang, Man-Qun Wang, Nan Wang. Olfactory responses of *Plutella xylostella* to polyamines. Acta Entomologica Sinica, 2006, 49(1): 142-145 (In Chinese with English Abstract) (Correspondence)

3. Man-Qun Wang, Zhi-Chun Zhang, Juan Li, Nan Wang, Dong Xue, Guoan Zhang, Zhouzhi Li. Changes of Polyamines of *Chinolyda flagellicornis*. Scientia Silvae Sinicae,

2006, 42(10): 80-84 (In Chinese with English Abstract) (Correspondence)

**Additional Information**