



## 张春玲

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### 研究方向：

蚜虫与植物的互作

### 教育经历：

2004.09 – 2009.06 南京农业大学植物保护学院，农学博士

1985.09 – 1988.06 南京农业大学植物保护学院，农学硕士

1981.09 – 1985.06 南京农业大学植物保护学院，农学学士

### 工作经历：

2014.12 – 今 南京农业大学植物保护学院，教授，硕导

2000.07 – 2014.11 南京农业大学植物保护学院，副教授

1998.04 – 2000.06, Environmental Associates LTD, research scientist, Ithaca, USA

1988-1998.03: 山东农业大学植物保护学院，讲师

### 执教课程：

农业昆虫学，植物保护学通论，昆虫与文化，有害生物调查与评估

## 代表性科研成果:

1. Zhai Y, Li P, Mei Y, Chen MY, Chen XC, Xu H, Zhou X, Dong HS, Zhang CL\*, and Jiang WH\*. 2017. Three MYB genes coregulate the phloem-based defence against English grain aphid in wheat. *Journal of Experimental Botany* 68, doi: 10.1093/jxb/erx204
2. Dong YL, Li P, Zhang CL\*. 2016. Harpin Hpa1 promotes flower development in *Impatiens* and *Parochetus* plants. *Botanical Studies* 57(22): doi 10.1186/s40529-016-0132-z
3. Fu MQ, Xu MY, Zhou T, Wang DF, Tian S, Han LP, Dong HS, Zhang CL\*. 2014. Transgenic expression of a functional fragment of harpin protein Hpa1 in wheat induces the phloem-based defense to English grain aphid. *Journal of Experimental Botany* 65(6): 1439-1453
4. Wang DF, Wang YJ, Fu MQ, Mu SY, Han B, Ji HT, Cai HS, Dong HS, Zhang CL\*. 2014. Transgenic expression of the functional fragment Hpa110-42 of the harpin protein Hpa1 imparts enhanced resistance to powdery mildew in wheat. *Plant Disease* 98(4): 448-455
5. Zhao YY, Wang DF, Wu TQ, Guo A, Dong HS, Zhang CL\*. 2014. Transgenic expression of rice riboflavin synthase gene in tobacco enhances the plant growth and resistance to tobacco mosaic virus. *Canadian Journal of Plant Pathology* 36(1): 100-109
6. Li, XJ; Han, LP; Zhao, YY; You, ZZ; Dong, HS; Zhang, CL\*. 2014. Hpa1 harpin needs nitroxyl terminus to promote vegetative growth and leaf photosynthesis in *Arabidopsis*. *Journal of Biosciences* 39(1): 127-137
7. Li XJ, Han B, Xu MY, Han LP, Zhao YY, Liu ZL, Dong HS\*, Zhang CL\*. 2014. Plant growth enhancement and associated physiological responses are coregulated by ethylene and gibberellin following treatment with harpin protein Hpa1. *Planta* 239(4): 831-846
8. Xu MY, Zhou T, Zhao YY, Li JB, Xu H, Dong HS, Zhang CL\*. 2014. Transgenic expression of a functional fragment of harpin protein Hpa1 in wheat represses

English grain aphid infestation. Journal of Integrative Agriculture 13(12): 2565-2576

9. Lü BB, Li XJ, Su WW, Li L, Gao R, Zhu Q, Tian SM, Fu MQ, Yu HL, Tang XM, Zhang CL\*, Dong HS. 2013. AtMYB44 regulates resistance to the green peach aphid and diamondback moth by activating EIN2-affected defenses in Arabidopsis. Plant Biology 15(5): 841-850

### 荣誉奖励:

1. 微课《稻纵卷叶螟幼虫龄期识别与为害习性》，获得“2017年全国高校农林类专业微课教学比赛”江苏省一等奖，2017.02；全国二等奖 2018.02
2. 微课《稻田飞虱的识别》，全国植物生产类实验微课比赛，一等奖，2016.11
3. 微课《何为昆虫》，全国微课（程）优质资源展示中荣获江苏省特等奖，2015.08, 全国一等奖，2015.07
4. 微课《昆虫与邮票》，在江苏省高校微课教学比赛中获得本科组三等奖，2013.10