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研究方向：

寄生蜂与寄主关系

教育经历：

1997.09 – 2000.06 浙江大学应用昆虫研究所，农学博士

1994.09 – 1997.06 河南农业大学植物保护学院，农学硕士

1990.09 – 1994.06 河南农业大学植物保护学院，农学学士

工作经历：

2018.12- 南京农业大学，教授，博导

2011.01-2018.12 南京农业大学，教授

2006.09-2010.12 南京农业大学，副教授，硕导

2004.09-2006.08 德克萨斯 A&M 大学

2003.04-2004.08 南京农业大学，副教授，硕导

2000.07-2003.03 南京农业大学，讲师

执教课程:

农业昆虫学 (PLPR4203)

农业昆虫学实验(PLPR4204)

昆虫化学生态学(PLPR7211)

有害生物综合防控(MEA6402P)

承担课题:

1. “天敌昆虫防控技术及产品研发” (国家重点研发计划 “化学肥料和农药减施增效综合技术研发” 试点专项) (2017YFD0201000) 2017-2020.
2. 寄生蜂与性信息素协同防控水稻螟虫的技术研发与应用 (项目: 水稻重要病虫害绿色防控技术研发与应用 (CX(18)1003)) 2018-2020.

代表性科研成果:

- (1) Zhao-Can Shen, Lei Chen, Long Chen, Yuan-Xi Li*. 2019. Information from the mitochondrial genomes of two egg parasitoids, *Gonatocerus* sp. and *Telenomus* sp., reveals a controversial phylogenetic relationship between Mymaridae and Scelionidae. *Genomics*, 111(5): 1059-1065. <https://doi.org/10.1016/j.ygeno.2018.06.009>
- (2) Hai-Qing Hua, Zhao Zi-Yi, Yang Zhang, Jin Hu, Fan Zhang, Yuan-Xi Li*. 2018. Inter- and intra-specific differentiation of *Trichogramma* (Hymenoptera: Trichogrammatidae) species using PCR-RFLP targeting *COI*. *Journal of Economic Entomology*. 111(4): 1860-1867.
- (3) Long Chen, Peng-Yan Chen, Xiao-Feng Xue, Hai-Qing Hua, Yuan-Xi

- Li*, Fan Zhang, Shu-Jun Wei*. 2018. Extensive gene rearrangements in the mitochondrial genomes of two egg parasitoids *Trichogramma japonicum* and *Trichogramma ostriniae* (Hymenoptera: Chalcidoidea: Trichogrammatidae). *Scientific Reports*, 8: 7034 | DOI:10.1038/s41598-018-25338-3.
- (4) Jing Huang, Hai-Qing Hua, Fan Zhang, Yuan-Xi Li*. 2018. Suitability assessment of three *Trichogramma* species in the control of *Mythimna separata* (Lepidoptera: Noctuidae). *Journal of Applied Entomology*, 142(1-2): 131–140. <https://doi.org/10.1111/jen.12414>.
- (5) Jia-Dong Wu, Zhao-Can Shen, Hai-Qing Hua, Fan Zhang, Yuan-Xi Li. 2017. Identification and sex expression profiling of odorant-binding protein genes in *Trichogramma japonicum* (Hymenoptera: Trichogrammatidae) using RNA-Seq. *Applied Entomology and Zoology*, 85: 623-633. DOI: 10.1007/s13355-017-0516-x.
- (6) Jing Huang, Hai-Qing Hua, Lei-Ying Wang, Fan Zhang, Yuan-Xi Li*. 2017. Number of attacks by *Trichogramma dendrolimi* (Hymenoptera: Trichogrammatidae) affects the successful parasitism of *Ostrinia furnacalis* (Lepidoptera: Crambidae) eggs. *Bulletin of Entomological Research*, 107(6): 812-819. doi:10.1017/S0007485317000335
- (7) Xiao-Xiang Wang, Lan-Da Qi, Rui Jiang, Yu-Zhou Du, Yuan-Xi Li*. 2017. Incomplete removal of *Wolbachia* with tetracycline has two-edged reproductive effects in the thelytokous wasp *Encarsia formosa*

- (Hymenoptera: Aphelinidae). *Scientific Reports*, 7: 44014. DOI: 10.1038/srep44014.
- (8) Yuan-Xi Li, Tong-Xian Liu. 2015. Oviposition preference, larval performance and adaptation of *Trichoplusia ni* on cabbage and cotton. *Insect Science*, 22(2): 273-282. DOI 10.1111/1744-7917.12104.
- (9) Han-Le Ji, Lan-Da Qi, Xiao-Yue Hong, Hong-Fang Xie, Yuan-Xi Li*. 2015. Effects of host sex, plant species and putative host species on the prevalence of *Wolbachia* in natural populations of *Bemisia tabaci* (Hemiptera: Aleyrodidae): a modified nested PCR study. *Journal of Economic Entomology*, 108(1): 210-218. DOI.10.1093/jee/tou004.
- (10) Ting-Hui Chen, Min Li, Ji-Hong Wang, Fan Zhang, Yuan-Xi Li*. 2013. Vulnerability window for laying male eggs and superparasitism in producing female offspring of *Encarsia sophia* on *Bemisia tabaci* B biotype. *BioControl*, 58: 27-36. DOI 10.1007/s10526-012-9469-8.

社会服务工作:

审稿专家: BioControl, Biological Control, Bulletin of Entomology, Frontiers in Physiology, Gene, Insect Science, Journal of Economic Entomology, 昆虫学报, 中国生物防治学报

中国昆虫学会第十届理事会生物防治专业委员会委员, 2017.10-2022.10