



院士

教师名录

教研室

宏观农业研究院

副教授

当前位置: 首页 > 师资队伍

陈利珍

发布时间: 2017-02-22



基本信息

■姓名: 陈利珍
 ■性别: 女
 ■民族: 汉
 ■职称: 副教授
 ■学位: 农学博士

■出生年月: 1979.9
 ■硕/博导: 硕导
 ■开设课程: 普通昆虫学
 ■研究方向: 昆虫分子生物学及化学生态学

联系方式

办公电话: 87287207
 电子邮件: lzchen@mail.hzau.edu.cn

个人简介

主要从事昆虫分子生物学和化学生态学方面的研究，以棉花害虫为研究对象开展以下两个方面的研究工作：以当前转基因棉花重要害虫中黑盲蝽为性信息素成分鉴定、信息素生物合成分子机制、功能基因组等方面的研究；以甜菜夜蛾为研究对象，开展甜菜夜蛾中肠Cry2A受体蛋白的鉴定及功

科研项目

甜菜夜蛾中肠Cry2A特异性结合蛋白的鉴定及功能特性研究.国家自然科学基金项目，2012-2014

发明专利及获奖情况

发表的论文及著作

(1: equal contribution, *: corresponding author)

Zhang ZL, Zhang T, Zhang AJ, Luo J, Chen LZ*, Wang MQ, Ning J*, Lei CL. 2016. Identification and field verification of sex pheromone from the mirid *suturalis*. *Chemoecology*, 26(1):25-31.

Zhang ZL, Li XL, Chen LZ*, Wang LH, Lei CL. 2015. Morphology, distribution and abundance of antennal sensilla of the oyster mushroom fly, *Coboldia* *Scatopsidae*. *Revista Brasileira de Entomologia*, 11.

Qiu L, Hou LL, Zhang B, Liu L, Li B, Deng P, Ma WH, Wang XP, Fabrick JA, Chen LZ*, Lei CL. 2015. Cadherin is involved in the action of *Bacillus thuringiensis* and *Cry2Aa* in the beet armyworm, *Spodoptera exigua*. *Journal of Invertebrate Pathology*, 127:47-53.

Luo J, Liu XY, Liu L, Zhang PY, Chen LJ, Gao Q, Ma WH, Chen LZ*, Lei CL. 2014. De novo analysis of the *Adelphocoris suturalis* *Jakovlev* metathal transcriptome and expression patterns of pheromone biosynthesis-related genes. *Gene*, 551(2): 271-8.

Zhang ZL, Luo J, Wang YN, Chen LJ, Chen LZ*, Lei CL. 2014. Morphology and Chemical Analysis of the Metathoracic Scent Glands System in *Ade* (Hemiptera: Miridae). *Journal of Insect Science*. 14(293): 2014.

Niu L, Ma Y, Mannakkara A, Zhao Y, Ma WH, Lei CL, Chen LZ*. 2013. Impact of Single and Stacked Insect-Resistant Bt-Cotton on the Honey Bee and Silkweed. *PLoS ONE* 8(12): e72988.

Zhao Y, Ma Y, Niu L, Ma WH, Mannakkara M, Chen LZ*, Lei CL. 2013. Bt cotton expressing *Cry1Ac/Cry2Ab* or *Cry1Ac/epsps* does not harm the predator through its prey *Aphis gossypii*. *Agr. Ecosyst. Environ.*, 179: 163-167.

Zhang ZL, Luo J, Lu C, Zhao B, Meng J, Chen LZ*, Lei CL. 2011. Evidence of Female-Produced Sex Pheromone of *Adelphocoris suturalis* (Hemiptera: Miridae) and Time of Day. *J. Econ. Entomol.* 104(4): 1189-1194.

Zhang SI, Chen LZ1, Gu SH, Cui JJ, Gao XW, Zhang YJ*, Guo YY*, 2011. Binding Characterization of Recombinant Odorant-binding Proteins from *Microplitis mediator* (Hymenoptera: Braconidae). *J. chem. ecol.* 37: 189-194.

Chen LZ, Cui JJ, Ma WH, Niu CY, Lei CL*, 2011. Pollen from *Cry1Ac/CpTI*-transgenic cotton does not affect the pollinating beetle *Haptoncus luteolus*. *J. Pest Sci. Entomol.* 15(1): 1-6.

Chen LZ, Liang GM, Rector BG, Zhang J, Wu KM, Guo YY*, 2010. Proteomic analysis of novel *Cry1Ac* binding proteins in *Helicoverpa armigera* (Hil. *Biochem.* 73(2): 61-73.

Chen LZ, Ma WH, Wang XP, Niu CY, Lei CL*, 2010. Analysis of pupal head proteome and its alteration in diapausing pupae of *Helicoverpa armigera*. *J. Insect Physiol.* 56(2): 247-252.

Chen LZ, Liang GM, Rector BG, Zhang J, Wu KM, Guo YY*, 2008. Effects of different Brush Border Membrane Vesicle isolation protocols on proteomic analysis of binding proteins from the midgut of *Helicoverpa armigera*. *Insect Sci.* 15(6): 497-503.

版权所有：Copyright © 华中农业大学植物科学技术学院

地址：湖北省武汉市洪山区狮子山街1号华中农业大学第三综合楼

邮箱：zkg@mail.hzau.edu.cn

电话：027-87282130

邮编：430070

友情链接：

[院系网站链接](#)

[高校网站链接](#)

[教育网站链接](#)