

植物病虫害生物学国家重点实验室

State Key Laboratory for Biology of Plant Diseases and Insect Pests

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2009年

论文题目	作者	刊物名称	年、卷、期、页
Development of a simple and effective method for specific detection of Pepper mild mottle virus	Yanan Wang, Xinhong Li, Yan Liu, Xifeng Wang, Guanghe Zhou	Acta virologica	2009, 53: 21-27
Characterization of a novel cry8 gene specific to Melolonthidae pests: <i>Holotrichia obliquata</i> and <i>Holotrichia parallela</i>	Changlong Shu, Guixin Yan, Rongan Wang, Jie Zhang, Dafang Huang, Fuping Song	Applied Microbiology Biotechnology	2009, 84: 701-707
Identification and characterization of a new coleviroid (CbVd-5)	Wanying Hou, Shifang Li, Sano Teruo, Feng Li, Zujian Wu, Li Li	Archives of Virology	2009, 154: 315-320
<i>Coleus blumei</i> viroid 6: A new member of the genus Coleviroid derived from extensive natural genome shuffling	Wanying Hou, Shifang Li, Zujian Wu, Sano Teruo	Archives of Virology	2009, 154: 993-997
The complete nucleotide sequence of the barley yellow dwarf GPV isolate from China shows that it is a new member of the genus Ploverovirus	Wenwei Zhang, Zhuomin Cheng, Lei Xu, Maosen Wu, Waterhouse Peter, Guanghe Zhou, Shifang Li	Archives of Virology	2009, 154: 1125-1128
Molecular characterization of a member of a new species of grapevine viroid	Dongmei Jiang, Rui Guo, Zujian Wu, Hongqing Wang, Shifang Li	Archives of Virology	2009, 154: 1563-1566
Characterization of genetic diversity and DNA fingerprinting of Australian chickpea (<i>Cicer arietinum</i> L.) cultivars using MFLP markers	Ruiming Lin, Huaan Yang, Khan T N, Siddique KHM, Jing Yan	Australian Journal of Agricultural Research	2009, 59: 707-713
Effect of parasitism on flight behavior of the soybean aphid, <i>Aphis glycines</i> Matsumura (Hemiptera: Aphididae)	Ying Zhang, Kongming Wu, K. A. G. Wyckhuys, G. E. Heimpel	Biological Control	2009, 51: 475-479
Flight potential of <i>Microplitis mediator</i> , a parasitoid of va	Huilin Yu, Yongjun Zhang, Kongming Wu, Kris A.G. Wyckhuys, Yuyu	Biological Control	2009, 54: 183-1

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An engineered Bt strain with insecticidal activity against Scarabaeidae and Chrysomelidae	Guixin Yan, Fuping Song, Changlong Shu, Jingjing Liu, Dafang Huang, Jie Zhang	Biotechnology Letters	2009, 31: 697-703
Protease-resistant core form of Bt CryIIe: monomeric and oligomeric forms in solution	Shuyuan Guo, Yancai Zhang, Fuping Song, Jie Zhang, Dafang Huang	Biotechnology Letters	2009, 31: 1769-1774
Feeding, oviposition, development and survival of <i>Liriomyza trifolii</i> on Bt-cotton and conventional cotton	Zhongren Lei, Tongxian Liu	Bulletin of Entomological Research	2009, 99: 253-261
Comparative flight performance of three important pest <i>Adelphocoris</i> species of Bt cotton in China	Yanhui Lu, Kongming Wu, K.A.G. Wyckhuys, Yuyuan Guo	Bulletin of Entomological Research	2009, 99: 543-550
AFLP analyses of genetic variation of <i>Eupatorium adenophorum</i> (Asteraceae) populations in China	Wenkun Huang, Fanfang Wan, Jianyin Guo, Bida Gao, Binyan Xie, Deliang Peng	Canadian Journal of Plant Science	2009, 89: 119-126
Identification and expression pattern of putative odorant-binding proteins and chemosensory proteins in antennae of the <i>Microplitis mediator</i> (Hymenoptera: Braconidae)	Shuai Zhang, Yongjun Zhang, Honghua Su, Xiwu Gao, Yuyuan Guo	Chemical Senses	2009, 34: 503-512
Potential of mungbean, <i>Vigna radiata</i> as a trap crop for managing <i>Apolygus lucorum</i> (Hemiptera: Miridae) on Bt cotton	Yanhui Lu, Kongming Wu, K.A.G. Wyckhuys, Yuyuan Guo	Crop Protection	2009, 28: 77-81
Biochemical and molecular characterizations of <i>Sitobion avenae</i> -induced wheat defense response	Liyan Zhao, Julian Chen, Dengfa Cheng, Jingrui Sun, Yong Liu, Zhe Tian	Crop Protection	2009, 28: 435-442
Characterization of two novel cry8 genes from <i>Bacillus thuringiensis</i> strain BT185	Changlong Shu, Hong Yu, Rongyan Wang, Dafang Huang, Jie Zhang, Fuping Song	Current Microbiol	2009, 58: 389-392
Analysis of CryIAb toxin bioaccumulation in a food chain of Bt rice, an herbivore and a predator	Mao Chen, Gongyin Ye, Zhicheng Liu, Qi Fang, Cui Hu, Yufa Peng, Anthony M. Shelton	Ecotoxicology	2009, 18: 230-238
Population structure and introduction history of the pink bollworm, <i>Pectinophora gossypiella</i> , in China	Yudi Liu, Kongming Wu, Yuyuan Guo	Entomologia Experimentalis et Applicata	2009, 130: 160-172
Prey preference of <i>Orius sauteri</i> (Heteroptera: Anthoridae) between western flower thrips and spider mites	Xuenong Xu, Enkegaard, A	Entomologia Experimentalis et Applicata	2009, 132: 93-98
Influence of soil moisture on supercooling capacity and associated physiological parameters of overwintering larvae of the rice stem borer	Maolin Hou, Yongqiang Han, Weilin	Entomological Science	2009, 12: 155-161

Seasonal changes in supercooling points and glycerol content in overwintering larvae of the Asiatic rice borer from rice and water-oat plants	Maolin Hou, Wei Lin, Yongqiang Han	Environmental Entomology	2009, 38: 1182-1188
Frequency of Bt resistance alleles in <i>H. armigera</i> during 2006-2008 in northern China	Yulin Gao, Kongming Wu, F. Gould	Environmental Entomology	2009, 38: 1336-1342
Genetic diversity of <i>Ralstonia solanacearum</i> strains from China	Jin Xu, Zhechao Pan, Prior P, Jingsheng Xu, Hao Zhang, Liqing Zhang, Liyuan He, Jie Feng	European Journal of Plant Pathology	2009, 125: 641-653
Characterization of Hop stunt viroid (HSVd) isolates from jujube trees (<i>Ziziphus jujuba</i>)	Benli Zhang, Guangyao Liu, Chunqin Liu, Zujian Wu, Shifang Li	European Journal of Plant Pathology	2009, 125: 665-669
A novel two-stage cultivation method to optimize carbon concentration and carbon-to-nitrogen ratio for sporulation of biocontrol fungi	Li Gao, Xingzhong Liu	Folia Microbiologica	2009, 54: 142-146
Evidence of genetic recombination in wheat yellow rust populations of a Chinese overwintering area	M. Mboup, M. Leconte, A. Gautier, Anmin Wan, Wanquan Chen, C. de Vallavieille-Pope, J. E. Njalbert	Fungal Genetics and Biology	2009, 46: 299-307
Mutation of an aminopeptidase N Gene is associated with <i>Helicoverpa armigera</i> resistance to <i>Bacillus thuringiensis</i> Cry1Ac toxin	Shaoping Zhang, Hongmei Cheng, Yulin Gao, Guirong Wang, Gemei Liang, Kongming Wu	Insect Biochemistry and Molecular Biology	2009, 39: 421-429
Specific loops D, E and F of nicotinic acetylcholine receptor $\beta 1$ subunit may confer imidacloprid selectivity between <i>Myzus persicae</i> and its predatory enemy <i>Pardosa pseudoannulata</i>	Feng Song, Zhiqi You, Xiangmei Yao, Jiagao Cheng, Zewen Liu, Kejia Lin	Insect Biochemistry and Molecular Biology	2009, 39: 833-841
Molecular characterization of the genomic region harboring the BYDV-resistance gene <i>Bdv2</i> in wheat	Lanyin Gao, Qin Ma, Yan Liu, Zhiyong Xin, Zengyan Zhang	Journal of Applied Genetics	2009, 50: 89-98
Seasonal migration of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) over the Bohai Sea	Hongqiang Feng, Xianfu Wu, Bo Wu, Kongming Wu	Journal of Economic Entomology	2009, 102: 95-104
Trade-offs between flight and fecundity in the soybean aphid (Hemiptera: Aphididae)	Ying Zhang, Kongming Wu, K. A. G. Wyckhuys, G. E. Heimpel	Journal of Economic Entomology	2009, 102: 133-138
Cry2Ab tolerance response of <i>H. armigera</i> (Lepidoptera: Noctuidae) population from Cry1Ac cotton planting region	Yulin Gao, Kongming Wu, F. Gould, Zhicheng Shen	Journal of Economic Entomology	2009, 102: 1217-1223
Response of multiple generations of beet armyworm, <i>Spodoptera exigua</i> (Hübner), feeding on transgenic Bt cotton	Gan Wu, Harris MK, Jianyin Guo, Fanhao Wan	Journal of Applied Entomology	2009, 133: 90-100
Cloning and expression of heat shock protein genes in two whitefly species in response to thermal stress	Hao Yu, Fanhao Wan	Journal of Applied Entomology	2009, 133: 602-614

Reduction of Bt Cry1Ac toxicity against <i>Helicoverpa armigera</i> by a soluble toxin-binding cadherin fragment	Chenxi Liu, Kongming Wu, Yidong Wu, Yulin Gao, Changming Ning, B. Oppert	Journal of Insect Physiology	2009, 55: 686-693
Characterization of putative soluble and membrane-bound trehalases in a hemipteran insect, <i>Nilaparvata lugens</i>	Jianhua Gu, Ying Shao, Chengwei Zhang, Zewen Liu, Yongjun Zhang	Journal of Insect Physiology	2009, 55: 997-1002
Does the onset of sexual maturation terminate the expression of migratory behaviour in moths? A study of the oriental armyworm, <i>Mythimna separata</i>	Xincheng Zhao, Hongqiang Feng, Bo Wu, Xianfu Wu, Zhongfang Liu, Kongming Wu, Jeremy N. McNeil	Journal of Insect Physiology	2009, 55: 1039-1043
Inhibition of citrate synthase thermal aggregation <i>in vitro</i> by recombinant small heat shock proteins	Gongwei Na, Ming Yue, Bingyuan Xie, Fanghao Wan, Jianying Guo	Journal of Microbiology and Biotechnology	2009, 19: 1628-1634
Quantitative measurement of pH influence on SalR regulated gene expression in <i>Acinetobacter baylyi</i> ADP1	Chao Li, Hui Wang, Lin Zhou, Yongjun Zhang, Fuping Song, Jie Zhang	Journal of Microbiological Methods	2009, 79: 8-12
Identification of two Lynx proteins in <i>Nilaparvata lugens</i> and the modulation on insect nicotinic acetylcholine receptor	Zewen Liu, Guangchun Cao, Jian Li, Haibo Bao, Yongjun Zhang	Journal of Neurochemistry	2009, 110: 1707-1714
Molecular characterization and distribution of Cucurbit green mottle mosaic virus in China	Yan Liu, Yanan Wang, Xifeng Wang, Guanghe Zhou	Journal of Phytopathology	2009, 157: 393-399
Crystal structure of B.t. Cry8Ea1: An insecticidal toxin toxic to underground pests, the larvae of <i>Holotrichia parallela</i>	Shuyuan Guo, Sheng Ye, Yanfeng Liu, Jing Xue, Fuping Song, Jie Zhang, Dafang Huang, Zihe Rao	Journal of Structural Biology	2009, 68: 259-266
Development of SCAR marker for diagnosis of dwarf bunt of wheat and detection of <i>Tilletia controversa</i> Kühn	Jianhua Liu, Li Gao, Taiguo Liu, Wanquan Chen	Letters Applied Microbiology	2009, 49: 235-240
Twelve nuclear microsatellite loci for the rice stem borer <i>Chilo suppressalis</i> (Walker) (Lepidoptera: Pyralidae)	Yudi Liu, Maolin Hou, Lixia Hao	Molecular Ecology Resources	2009, 9: 180-182
Permanent genetic resources added to molecular ecology resources database	Yudi Liu, Maolin Hou	Molecular Ecology Resources	2009, 9: 1375-1429
Use of a novel two-stage cultivation method to determine the effects of environmental factors on the growth and sporulation of several biocontrol fungi	Li Gao, Xingzhong Liu, Manhong Sun, Shidong Li, Jinli Wang	Mycoscience	2009, 50: 317-321
Coupled termination/reinitiation for translation of the downstream open reading frame B of the prototypic hypovirus CHV1-EP713	Lihua Guo, Liying Sun, Sotaro Chiba, Hiroyuki Araki, Nobuhiro Suzuki	Nucleic Acid Research	2009, 37: 3645-3659
Modified female calling behavior in Cry1Ac-resistant <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae)	Xincheng Zhao, Kongming Wu, Ge mei Liang, Yuyuan Guo	Pest Management Science	2009, 65: 353-357

Influence of foliar and systemically applied azadirachtin on host-plant evaluation behavior of Bemisia tabaci	Jihui Wen, Kejian Lin, Maolin Hou, Wei Lu, Jiawen Li	Physiological Entomology	2009, 34: 98-102
Comparative study of temperature-dependent life histories of three economically important Adelphocoris spp.	Yanhui Lu, Kongming Wu, K.A.G. Wyckhuys, Yuyuan Guo	Physiological Entomology	2009, 34: 318-324
Expression of an elicitor-encoding gene from Magnaporthe grisea enhances resistance against blast disease in transgenic rice	Dewen Qiu, Jianjun Mao, Xiufen Yang, Hongmei Zeng	Plan Cell Rep	2009, 28: 925-933
Race dynamics, diversity, and virulence evolution in Puccinia striiformis f. sp. tritici, the causal agent of wheat stripe rust in China from 2003 to 2007	Wanquan Chen, Liren Wu, Taiguo Liu, Shichang Xu, Shelin Jin, Yunliang Peng, Baotong Wang	Plant Disease	2009, 93: 1093-1101
Cultivated grapevines represent a symptomless reservoir for the transmission of Hop Stunt viroid to Hop crops: 15 years of evolutionary analysis	Yoko Kawaguchi-Ito, Shifang Li, Masaya Tagawa, Hiroyuki Araki, Masafumi Goshono, Shingen Yamamoto	Plos One	2009, 4: 1-13
Determination of the population genetic structure of the invasive weed Ageratina adenophora using ISSR-PCR markers	Fulong Gui, Fanhao Wan, Jiangyin Guo	Russian Journal of Plant Physiology	2009, 56: 410-416
Invasive mechanism and management strategy of Bemisia tabaci (Gennadius) biotype B: Progress report of 973 Program on invasive alien species in China	Fanhao Wan, Guifen Zhang, Husheng Liu, Wanxue Liu, Zhongren Lei, Yongjun Zhang	Science in China Series C: Life Sciences	2009, 52: 88-95
Temporal allocation of metabolic tolerance in the body of beet armyworm in response to three cotton cultivars	Gang Wu, Harris MK, Jianyi Guo, Fanhao Wan	Science in China Series C: Life Sciences	2009, 52: 1140-1147
Genetic diversity and phylogenetic analysis of Australian grapevine viroid (AGVd) isolated from different grapevines in China	Dongmei Jiang, Shan Peng, Zujian Wu, Zhuomin Cheng, Shifang Li	Virus Genes	2009, 38: 178-183
Molecular characterization of Grapevine yellow speckle viroid-2 (GYSVd-2)	Dongmei Jiang, Zhixiang Zhang, Zujian Wu, Rui Guo, Hongqing Wang, Peige Fan and Shifang Li	Virus Genes	2009, 38: 515-520

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