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State Key Laboratory for Biology of Plant Diseases and Insect Pests

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2011年

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OsDIS1-mediated stress response pathway in rice	Yuese Ning, Qi Xie, Guo-Liang Wang,	Plant Signaling & Behavior	2011, 6: 168 4-1686
A 5-methylcytosine DNA glycosylase/lyase demethylates the retrotransposon Tos17 and promotes its transposition in rice	Honggui La, Bo Ding, Gyan P. Mishrab, Bo Zhou, Hongmei Yang, Maria del Rosario Belizzi, Songbiao Chen, Blake C. Meyers, Zhao hua Peng, Jian-Kang Zhu, Guo-Liang Wang	Proceedings of the National Academy of Sciences of the United States of America	2011, 108: 1 5498-15503
Deep sequencing reveals the complex and coordinated transcriptional regulation of genes related to grain quality in rice cultivars	RC Venu, MV Sreerekha, Kan Nobuta, André Beló, Yuese Ning, Gynheung An, Blake C Meyers, Guo-Liang Wang	BMC Genomics	2011, 12: 19 0
The SINA E3 Ligase OsDIS1 Negatively Regulates Drought Response in Rice	Yuese Ning, Chachawan Jantasuriyarat, Qinzhen Zhao, Huawei Zhang, Songbiao Chen, Jinling Liu, Lijing Liu, Sanyuan Tang, Chan Ho Park, Xuejun Wang, Xionglun Liu, Liangying Dai, Qi Xie , GuoLiang Wang	Plant Physiology	2011, 157: 2 42 – 255
Diapause induction and photoperiodic clock in <i>Chilo suppressalis</i> Walker (Lepidoptera: Crambidae)	Fang Chen, Yongqiang Han, Qiongbo Hu, Maolin Hou	Entomological Science	2011, 14: 28 3-290
New Artificial Diet for Continuous Rearing of <i>Chilo suppressalis</i> (Lepidoptera: Crambidae)	Lanzhi Han, Shengbing Li, Yufa Peng, Maolin Hou	Annals Entomological Society of America	2011, 105: 3 87-393
The combined effect of chemical nematicides and biofumigation on the control of <i>Meloidogyne incognita</i> in glasshouse tomato	Wen-kun Huang, Deliang Peng, Hong-Yun Jiang, Haibo Long, Huan Peng, GaoFeng Wang	Russian Journal of Nematology	2011, 19: 4 5-52
Nematode communities in continuous tomato-cropping field soil infested by root-knot nematodes	GD Zheng, LB Shi, HY Wu, DL Peng	Acta Agriculturae Scandinavica Section B – Soil and	2011, 62: 1-8,

		d Plant Science	
Rapid cold-hardening response in <i>Ophraella communa</i> (Coleoptera: Chrysomelidae), a biological control agent of <i>Ambrosia artemisiifolia</i>	Zhou ZS, Guo JY, Ai HM, Li M, Wan FH	Biocontrol Science and Technology	2011, 21: 1-10
Effect of short-term high temperature stress on the development and fecundity of <i>Ophraella communa</i> (Coleoptera: Chrysomelidae)	Zhou ZS, Guo JY, Luo M, Wan FH	Biocontrol Science and Technology	2011, 21: 809-819
Control efficiency of leaf beetle, <i>Ophraella communa</i> , on the invasive common ragweed, <i>Ambrosia artemisiifolia</i> , at different growing stages	Guo JY, Zhou ZS, Zheng XW, Chen HS, Wan FH, Luo YH	Biocontrol Science and Technology	2011, 21: 1049-1063
Reevaluation of biosecurity of <i>Ophraella communa</i> against sunflower ( <i>Helianthus annuus</i> )	Zhou ZS, Guo JY, Zheng XW, Luo M, Chen HS, Wan FH	Biocontrol Science and Technology	2011, 21: 1147-1160
Host suitability of different instars of <i>Bemisia tabaci</i> biotype B for the parasitoid <i>Eretmocerus hayati</i>	Yang NW, Wan FH	Biological control	2011, 59: 313-317
Performance of <i>Agasicles hygrophila</i> (Coleoptera: Chrysomelidae), a biological control agent of invasive alligator weed, at low non-freezing temperatures	Guo JY, Fu JW, Xian XQ, Ma MY, Wan FH	Biological Invasions	2011, 14: 1597-1608
Variation in cold hardiness among geographic populations of the ragweed beetle, <i>Ophraella communa</i> LeSage (Coleoptera: Chrysomelidae), a biological control agent of <i>Ambrosia artemisiifolia</i> L. (Asterales: Asteraceae), in China	Zhou ZS, Guo JY, Michaud JP, Li M, Wan FH	Biological Invasions	2011, 13: 659-667
Seasonal changes in cold hardiness of <i>Ophraella communis</i> LeSage (Coleoptera: Chrysomelidae).	Zhou ZS, Guo JY, Li M, Ai HM, Wan FH	Entomologia Experimentalis et Applicata	2011, 140: 85-90
Synergistic effects of olfactory and tactile cues in short-range mate finding of <i>Ophraella communa</i> (Coleoptera: Chrysomelidae)	Zhou ZS, Guo JY, Guo W, Wan FH	Entomologia Experimentalis et Applicata	2011, 138: 48-54
Interspecific interactions between <i>Bemisia tabaci</i> biotype B and <i>Trialeurodes vaporariorum</i> (Hemiptera: Aleyrodidae)	Zhang GF, Li DC, Liu TX, Wan FH, Wang J	Environmental Entomology	2011, 40:140-150
Host plant effects on alkaline phosphatase activity in the whiteflies, <i>Bemisia tabaci</i> biotype B and <i>Trialeurodes vaporariorum</i>	Yan Y, Peng L, Liu WX, Wan FH, Harris MK	Journal of Insect Science	2001, 11: 9-15
Multiple mechanisms underlie rapid expansion of an invasive alien plant	Wang R, Wang JF, Qiu ZJ, Meng B, Wan FH, Wang YZ	New Phytologist	2011, 191: 828-839
Temporal allocation of metabolic tolerance to transgenic Bt cotton in beet armyworm, <i>Spodoptera exigua</i> (Hübner)...	Guo JY, Wu G, Wan FH	Science China Life Science	2011, 54: 152-158
Invasive mechanism and control strategy of <i>Ageratina adenophora</i> (Sprengel)	Wan FH, Liu WX, Guo JY, Qiang S, Li BP, Wang JJ, Yang GQ, Niu HB, Gui FR, Huang	Science China Life Sciences	2011, 53: 1291-1298

WK, Jiang ZL, Wang WQ			
Using double-stranded RNA to explore the role of heat shock protein genes in heat tolerance in <i>Bemisia tabaci</i> (Gennadius)	Lü ZC, Wan FH	The Journal of Experimental Biology	2011, 214: 764-769
Cellular and ultrastructural changes in the seedling roots of upland rice ( <i>Oryza sativa</i> ) under the stress of two allelochemicals from <i>Ageratina adenophora</i>	Yang GQ, Wan FH, Guo JY, Liu WX	Weed Biology and Management	2011, 11: 152-159
Further insights into the strange role of bacterial endosymbionts in whitefly, <i>Bemisia tabaci</i> : Comparison of secondary symbionts from biotypes B and Q in China,	Chu D, Gao CS, De Barro PJ, Wan FH, Zhang YJ, Khan IA	Bulletin of Entomological Research	2011, 101: 477-486
Investigation of the genetic diversity of an invasive whitefly in China using both mitochondrial and nuclear DNA markers	Chu D, Gao CS, De Barro PJ, Zhang YJ, Wan FH	Bulletin of Entomological Research	2011, 101: 477-486
Effects of photoperiod and temperature on reproductive diapause in <i>Ophraella communa</i> (Coleoptera: Chrysomelidae), a potential biocontrol agent against <i>Ambrosia artemisiifolia</i> (Asteraceae)	Zhu DH, Zhu J, Peng ZP, Wan FH	Insect Science	2011, 39: 1021-1027
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Potential geographical distribution of <i>Rhagoletis pomonella</i> (Diptera: Tephritidae) in China	Geng J, Li ZH, Rajotte EG, Wan FH, Lu XY, Wang LZ	Insect Sciences	2011, 18: 575-582
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Effects of three pest control strategies on arthropod diversity and abundance in tobacco agroecosystems in South China	Zhou ZS, Chen ZP, Xu ZF	Pakistan Journal of Zoology	2011, 44: 151-157
Reevaluation of the value of autoparasitoids in biological control	Zang LS, Liu TX, Wan FH	PLoS ONE	2011, 6: e20324
Rapid Cold Hardening and Expression of Heat Shock Protein Genes in the B-biotype <i>Bemisia</i>	Wang HH, ZR Lei, X Li, Ronald DO	Environmental En	2011, 40: 13

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The complete mitochondrial genome of the leafminer <i>Liriomyza trifolii</i> (Diptera: Agromyzidae)	Wang SY, Lei ZR, Wang HH, Dong BX, Ren BZ.	Molecular Biology Reports	2011, 38: 687-692
Increase toxicity of <i>Bacillus thuringiensis</i> Cry3Aa against <i>Crioceris quatuordecimpunctata</i> , <i>Phaedon brassicae</i> and <i>Colaphellus bowringi</i> by a <i>Tenebrio molitor</i> cadherin fragment	Yulin Gao, JL Jurat-Fuentes, B Oppert, J Fabrick, JH Gao, CX Liu, Zhongren Lei	Pest Management Science	2011, 67: 1076-1080
Species displacement are common to two invasive species of leafminer fly in China, Japan and the United States	Yulin Gao, Zhongrei Lei, Y Abe, SR Reitz	Journal of Economic Entomology	2011, 104: 1771-1773
Thrips: Pests of concern to China and The United States	Reitz SR, Yulin Gao, Zhongren Lei	Agricultural Sciences in China	2011, 10: 867-892
Susceptibility of <i>H. armigera</i> from different host plants in northern China to <i>Bacillus thuringiensis</i> toxin Cry1Ac	Yulin Gao, JJ An, F Gould, CA Blanco	Crop Protection	2011, 30: 1421-1424
Exploring the non-rice host plant species of the pink stem borer, <i>Sesamia inferens</i> (Lepidoptera: Noctuidae) as natural refuges: resistance management of Bt rice	Liu ZR, Yulin Gao, J Luo, FX Lai, Yunhe Li, Q Fu, Yufa Peng	Environmental Entomology	2011, 40: 749-754
Temperature-dependent life history of the green plant bug, <i>Apolygus lucorum</i> (Meyer-Dür) (Hemiptera: Miridae)	Yanhui Lu, Kongming Wu, Kris AG. Wyckhuys, Yuyuan Guo	Applied Entomology and Zoology	2010, 45: 387-393
The complete sequence of Cymbidium mosaic virus from <i>Vanilla fragrans</i> in Hainan, China	He Zhen, Jiang Dongmei, Liu Aiqin, Sang Liwei, Li Wenfeng, Li Shifang	Virus Genes	2011, 42: 440-443
Sap-direct RT-PCR for the rapid detection of coleus blumei viroids of the genus Coleviroid from natural host plants	Jiang Dongmei, Wu Zujian, Xie Lianhui, San o Teruo, Li Shifang *	Journal of Virological Methods	2011, 174: 123-127
First report of Chrysanthemum chlorotic mottle viroid in chrysanthemum in China	Zhang Zhixiang, Pan Song, Li Shifang *	Plant Disease	2011, 95: 1320
First report of Coleus blumei viroid 2 from commercial coleus in China	Fu Fanghong, Li Shifang, Jiang Dongmei, Wang Hongqing, Liu Aiqin, Sang Liwei	Plant Disease	2011, 95: 494
Molecular Characterization of a new tentative strain of Sugarcane streak mosaic virus (SCS MV) from sugarcane in china	Li Wenfeng, He Zhen, Li Shifang, Huang Yikun, Zhang Zhixiang, Jiang Dongmei, Wang Xiaoyan, Luo Zhiming	Archives of Virology	2011, 156: 2101-2104
Effect of relative humidity on population growth of <i>Apolygus lucorum</i> (Heteroptera: Miridae)	Yanhui Lu, Kongming Wu	Applied Entomology and Zoology	2011, 46: 421-427
Comparative overwintering host range of three <i>Adelphocoris</i> species (Hemiptera: Miridae) in northern China	Yanhui Lu, Zhenbiao Jiao, Guoping Li, Kris A.G. Wyckhuys, Kongming Wu	Crop Protection	2011, 30: 1455-1460
Functional characterization and immunolocalization of odorant binding protein 1 in the lucerne plant bug, <i>Adelphocoris lineolatus</i> (Goeze)	ShaoHua Gu, WeiXuan Wang, GuiRong Wang, XueYing Zhang, YuYuan Guo, Ziding Zhang, JingJiang Zhou, YongJun Zhang	Archives of insect biochemistry and physiology	2011, 77: 81-98

Seasonal Expression of Bt Proteins in Transgenic Rice Lines and the Resistance Against Asiatic Rice Borer <i>Chilo suppressalis</i> (Walker)	Yongjun zhang , Yunhe Li, Ying Zhang, Yang Chen, Kongming Wu, YuFang Peng, Yuyuan Guo	Environmental Entomology	2011, 40: 13 23-1330
Identification and tissue distribution of odorant binding protein genes in the lucerne plant bug <i>Adelphocoris lineolatus</i> (Goeze)	ShaoHua Gu, ShuPing Wang, XueYing Zhang, KongMing Wu, YuYuan Guo, JingJiang Zhou, YongJun Zhang	Insect Biochemistry and Molecular Biology	2011, 41: 25 4-263
Risk Assessment and Ecological Effects of Transgenic <i>Bacillus thuringiensis</i> Crops on Non-Target Organisms	HuiLin Yu, YunHe Li, KongMing Wu	Journal of Integrative Plant Biology	2011, 53: 52 0-538
Susceptibility of <i>Helicoverpa armigera</i> from different host plants in northern China to <i>Bacillus thuringiensis</i> toxin Cry1Ac	Yulin Gao, Jingjie An, Fred Gould, Carlos A. Blanco, Kongming Wu	Crop Protection	2011, 30: 14 21-1424
Rice gene expression profiles responding to larval feeding of the striped stem borer at the 1st to 2nd instar stage	Yang Sun, YongJun Zhang , GuangChun Ca o, ShaoHua Gu, KongMing Wu, XiWu Gao, YuYuan Guo	Insect Science	2011, 18: 27 3-281
Vip3Aa Tolerance Response of <i>Helicoverpa armigera</i> Populations From a Cry1Ac Cotton Planting Region	Jingjie An, Yulin Gao, Kongming Wu, Fred Gould, Jianhua Gao, Zhicheng Shen, Chaoli ang Lei	Journal of Economic Entomology	2010, 103: 2 169-2173
Binding Characterization of Recombinant Odorant-binding Proteins from the Parasitic Wasp, <i>Microplitis mediator</i> (Hymenoptera: Braconidae)	Shuai Zhang, LiZhen Chen, ShaoHua Gu, JinJie Cui, XiWu Gao, YongJun Zhang, YuYu an Guo	Journal of Chemical Ecology	2011, 37: 18 9-194
Migratory Adaptations in <i>Chrysoperla sinica</i> (Neuroptera: Chrysopidae)	Zhongfang Liu, Kris A. G. Wyckhuys, Kongming Wu	Environmental Entomology	2011, 40: 44 9-454
Flight Mill Performance of the Lacewing <i>Chrysoperla sinica</i> (Neuroptera: Chrysopidae) as a Function of Age, Temperature, and Relative Humidity	Zhongfang Liu, Jeremy N. McNeil, Kongming Wu	Journal of Economic Entomology	2011, 104: 9 4-100
Construction and analysis of cDNA libraries from the antennae of male and female cotton boll worms <i>Helicoverpa armigera</i> (Hübner) and expression analysis of putative odorant-binding protein genes	TianTao Zhang, ShaoHua Gu, KongMing Wu, YongJun Zhang , YuYuan Guo	Biochemical and Biophysical Research Communications	2011, 407: 3 93-399
Reduced Levels of Membrane-Bound Alkaline Phosphatase Are Common to Lepidopteran Strains Resistant to Cry Toxins from <i>Bacillus thuringiensis</i>	Juan Luis Jurat-Fuentes, Lohitash Karumbai ah, Siva Rama Krishna Jakka, Changming Ning, Chenxi Liu, Kongming Wu, Jerreme Jackson, Fred Gould, Carlos Blanco, Maribel Portilla, Omaththage Perera, Michael Adang	PLOS ONE	6: e17606. doi: 10.1371/journal.pone.0017606
Transmission of Rice black-streaked dwarf virus to rice and maize from frozen infected rice leaves to healthy plants by <i>Laodelphax striatellus</i> Fallen	Li Li, Hongwei Li, Haibo Dong, Xifeng Wang, Guanghe Zhou	Journal of Phytopathology	2011, 159: 1 – 5
Effects of the growth period and seed quality on the proportion of seed transmission for Sugarcane mosaic virus in maize	Li Li, Guanghe Zhou	Cereal Research Communications	2011, 39: 25 8 – 267

Five Proteins of Laodelphax striatellus Are Potentially Involved in the Interactions between Rice stripe virus and Vector	Shuo Li, Ruyi Xiong, Xifeng Wang, Yijun Zhou	PLOS One	2011, 6: e26585
Dynamics of Molecular Evolution and Phylogeny of Barley yellow dwarf virus-PAV	Beilei Wu, Alexandra Blanchard-Letort, Yan Liu, Guanghe Zhou, Xifeng Wang, Santiago F. Elena	PLOS One	2011, 6: e16896
Molecular characters and recombinant expression of the carboxylesterase gene of the meadow moth <i>Loxostege sticticalis</i> L. (Lepidoptera: Pyralidae)	Jiao Yin, Tao Zhong, ZhaoJun Wei, KeBin Li, YaZhong Cao, Wei Guo	African Journal of Biotechnology	2011, 10: 1794-1801
Complete mitochondrial genome of <i>Chilo suppressalis</i> (Walker) (Lepidoptera: Crambidae)	Jiao Yin, Ai-Min Wang, GuiYun Hong, YaZhong Cao, ZhaoJun Wei	Mitochondrial DNA	2011, 22: 41-43
Discovery of English grain aphid (Hemiptera: Aphididae) biotypes in China	Zhaohuan Xu, Julian Chen, Dengfa Cheng, Jingrui Sun, Yong Liu, Frédéric Francis	Journal of Economic Entomology	2011, 104: 1080-1086
Genetic variation among the geographic population of the grain aphid, <i>Sitobion avenae</i> (Hemiptera: Aphididae) in China inferred from mitochondrial COI gene sequence	Zhaohuan Xu, Julian Chen, Dengfa Cheng, Yong Liu, Frédéric Francis	Agricultural Sciences in China	2011, 10: 1041-1048
Screening and identification of main germplasm resources and candidate cultivars in wheat resistance to aphids in China	Haibo Zhou, Julian Chen , Dengfa Cheng, Frédéric Francis, Yong Liu, Jingrui Sun, Ying Huang, Xiaosong Wang, Xingwang Liu, Liu Xiaoming and Jiandong Zeng	African Journal of Biotechnology	2011, 10: 13930-13935
The complete genome sequence of plant pathogen <i>Ralstonia solanacearum</i> strain Po82	Jin Xu , Huajun Zheng, Lei Liu, ZhechaoPan, Philippe Prior, BiaoTang, Jingsheng Xu, Hao Zhang, QianTian, Liqing Zhang, Jie Feng	Journal of Bacteriology	2011, 193: 161-4262.
First report of <i>Fusarium cerealis</i> causing Fusarium head blight on barely in China	Hao Zhang, Wanquan Chen, Jin Xu, JingshengXu, Jie Feng	Plant Disease	2011, 95: 774
Integrated structure and event-specific real-time detection of transgenic cry1Ac/SCK rice Kefeng 6	Changqing Su, Jiajian Xie, Xifeng Wang, Yu fa Peng	European Food Research and Technology	2011, 232: 351-359
A construct-specific qualitative and quantitative PCR detection method of transgenic maize BVLA430101	Changqing Su, Yao Sun, Jiajian Xie , Yufa Peng	European Food Research and Technology	2011, 233: 117-122
Seasonal expression of Cry1Ab and Cry1Ac proteins in transgenic rice lines and their resistance against striped rice borer <i>Chilo suppressalis</i> (Walker)	Zhang YJ, Li YH ,Zhang Y, Chen Y, Wu KM, Peng YF, Guo YY	Environmental Entomology	2011, 40: 1323-1330
A Comprehensive Assessment of the Effects of Bt Cotton on <i>Coleomegilla maculata</i> Demonstrates No Detrimental Effects by Cry1Ac and Cry2Ab	Li YH, Romeis J, Wang P, Peng YF,Shelton AM	PLoS ONE	2011, 6: e22185
Development of a Tier-1 Assay for Assessing the Toxicity of Insecticidal Substances Against	Li YH, Ostrem J, Romeis J, Chen M, Liu XX,	Environmental Entomology	2011, 40: 49

t Coleomegilla maculata	Hellmich RL, Shelton AM, Peng YF	tomology	6-502
Molecular characterization and expression of heat shock protein 90 and 70 genes in relation to thermal stress and development in the beet armyworm, <i>Spodoptera exigua</i> .	Jiang XF, Zhai HF, Wang L, Luo LZ, Zhang L	Cell Stress and Chaperone	2011, 16: 48-493
Juvenile hormone changes associated with diapause induction, maintenance and termination in the beet webworm, <i>Loxostege sticticalis</i> (Lepidoptera: Pyralidae).	Jiang XF, Huang SH, Luo LZ	Archives of Insect Biochemistry and Physiology	2011, 77:13-44
Regulation of Migration in <i>Mythimna separata</i> (Walker) in China: A Review Integrating Environmental, Physiological, Hormonal, Genetic, and Molecular Factors.	Jiang XF, Luo LZ, Zhang L, Sappington TW, Hu Y	Environmental Entomology	2011, 40: 51-533.
Molecular cloning of a new wheat calreticulin gene TaCRT1 and expression analysis in plant defense response and abiotic stress resistance	An YQ, Lin RM, Wang FT, Feng J, Xu YF, Xu SC	Genetics and Molecular Research	2011, 10: 35-3585
Postulation of Stripe Rust Resistance Genes in 44 Chinese Wheat Cultivars	Xu Xiaodan, Feng Jing, Lin Ruiming, Khalid Hussain, Xu Shichang, Lin Feng	International Journal of Agriculture and Biology	2011, 13: 66-670.
Genetic Analysis of resistant genes in Chinese differential cultivar Early Premium to yellow rust	Ma Chunyan, Feng Jing, Gan Aihua, Lin Ruiming, Xu Shichang	International Journal of Agriculture and Biology	2011, 13: 68-688.
Postulation of Seedling Resistance Genes to Yellow Rust in Commercial Wheat Cultivars from Yunnan Province in China	Li Mingju, Feng Jing, Cao Shiqin, Lin Ruiming, Cheng Geng, Yu Yaxiong, Chen Wanquan, Xu Shichang	Agricultural Sciences in China	2011, 10: 17-1731.
An ISSR-based Approach for the Molecular Detection and Diagnosis of Dwarf Bunt of Wheat, Caused by <i>Tilletia controversa</i> Kühn	Gao L, Chen WQ, Liu TG	Journal of Phytopathology	2011, 159: 1-158
Identification of the minimal active fragment of the Cry1Ah toxin	Jing Xue, Zishan Zhou, Fuping Song, Changlong Shu, Dafang Huang, Jie Zhang	Biotechnol Letter	2011, 33: 53-537
High-efficiency regeneration of peanut ( <i>Arachis hypogaea</i> L.) plants from leaf discs	Lili Geng, Lihong Niu, Changlong Shu, Fuping Song, Dafang Huang and Jie Zhang	African Journal of Biotechnology	2011, 10: 12680-12682
The role of DNA binding with the Cry8Ea1toxin of <i>Bacillus thuringiensis</i>	Shuyuan Guo, Jie Li, Yanfeng Liu, Fuping Song, Jie Zhang	FEMS Microbiology Letter	2011, 317: 203 - 210
Purification of an active fragment of Cry1Ie toxin from <i>Bacillus thuringiensis</i>	Shuyuan Guo, Chunlu Zhang, Xiaoyin Lin, Yanrui Zhang, Kanglai He, Fuping Song, Jie Zhang	Protein Expression and Purification	2011, 78: 204 - 208
Olfactory Response of <i>Trichogramma ostriniae</i> (Hymenoptera:Trichogrammatidae) to Volatiles Emitted by Mungbean Plants	Bai Shuxiong, Wang Zhenying, He Kanglai, Im Dae-Joon	Agricultural Sciences in China	2011, 10: 560-565
A pangenomic study of <i>Bacillus thuringiensis</i>	Yongjun Fang, Zhaolong Li, Jiucheng Liu, Changlong Shu, Xumin Wang, Xiaowei Zhang, Xiaoguang Yu, Duojun Zhao, Guiming Li, Songnian Hu, Jie Zhang, Ibrahim Al-Mss	Journal of Genetics and Genomics	2011, 38: 567-576

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