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2009年发表论文

1. Genome-wide colonization of gene regulatory elements by G4 DNA motifs Zhuo Du, Yiqiang Zhao, Ning Li
Nucleic acids research 2009 37(20):6784-98
2. Functional recombinant human anti-HAV antibody expressed in milk of transgenic mice. Zhang Ran, Rao Man, Li Chuan, Cao Jingyuan, Meng Qinglin, Zheng Min, Wang Meili, Dai Yunping, Liang Mifang, Li Ning
Transgenic research 2009 18(3):445-53.
3. Design and synthesis of a Magainin2 fusion protein gene suitable for a mammalian expression system. Fan Baoliang, Li Ning
Transgenic research 2009 18(1):99-112.
4. Cryopreservation of porcine oocytes: recent advances. Zhou Guang-Bin, Li Ning
Molecular human reproduction 2009 15(5):279-85.
5. Removal of selectable marker gene from fibroblast cells in transgenic cloned cattle by transient expression of Cre recombinase and subsequent effects on recloned embryo development. Wang S, Sun X, Ding F, Zhang K, Zhao R, Li S, Li R, Tang B, Zhang L, Liu Y, Li J, Gao F, Wang H, Wang L, Dai Y, Li N
Theriogenology 2009 72 (4):535-41.
6. Advanced technologies for genomic analysis in farm animals and its application for QTL mapping. Hu Xiaoxiang, Gao Yu, Feng Chungang, Liu Qiuyue, Wang Xiaobo, Du Zhuo, Wang Qingsong, Li Ning
Genetica 2009 136(2):371-86.
7. DNA methylation changes in cell line from beta-lactoglobulin gene targeted fetus. Lin Li, Xu Weizhuo, Dai Yunping, Li Ning
Animal reproduction science 2009 112(3-4):402-8
8. Aberrant gene expression in deceased transgenic cloned calves. Zhang L, Wang S H, Dai Y P, Li N
Animal reproduction science 2009 112(1-2):182-9
9. Highly efficient dissociation of oxygen from hemoglobin in Tibetan chicken embryos compared with lowland chicken embryos incubated in hypoxia. Liu C, Zhang L F, Song M L, Bao H G, Zhao C J, Li N
Poultry science 2009 88(12):2689-94
10. Stage-dependent effect of leptin on development of porcine embryos derived from parthenogenetic activation and transgenic somatic cell nuclear transfer. Wei Heng-Xi, Zhang Kun, Ma Yu-Fang, Li Yan, Li Qiu-Yan, Dai Yun-Ping, Li Ning
The Journal of reproduction and development 2009 55(2):99-104.
11. Lmbr1 Expression in Early Embryo Development Stages in White Leghorn and Chinese Silky Zhang Ying, Weizhuo Xu, Ning Li
Asian-Australasian Journal of Animal Sciences 2009 22 (1): 7-12
12. Association of FcRn Heavy Chain Encoding Gene (FCGRT) Polymorphisms with IgG Content in Bovine Colostrum. Zhang Ran, Zhao Zhihui, Zhao Yaofeng, Kacs Kovics Imre, Eijk Marjolein van der, Groot Nanda de, Li Ning, Hammarstrom Lennart
Animal biotechnology 2009 20(4):242-6
13. The LTR of endogenous retrovirus ev21 retains promoter activity and exhibits tissue specific transcription in chicken LÜ XiaoQing, HAN JinRun, LIU Xiaofang, LIN TongHui, LI YuLin, HU XiaoXiang, LI Ning
Chinese Science Bulletin 2009, 54: 4664-4670
14. Effects of chemical activation and season on birth efficiency of cloned pigs. Ma Yufang, Li Yan, Wei Hengxi, Li Qiuyan, Fang Rui, Zhao Rui, Zhang Kun, Xue Kai, Lou Yankun, Dai Yunping, Lian Linsheng, Li Ning
Sci China C Life Sci. 2009 52(7):657-64.
15. Production of human lysozyme-transgenic cloned porcine embryos by somatic nuclear transfer Qiuyan Li, engxi Wei, Ying Guo, Yan Li Rui Zhao Yufang Ma Zhengquan Yu Bo Tang Lei Zhang Yunping Dai Ning Li
Progress In Natural Science, 2009 19 (6):699-704
16. Apoptosis of transgenic cloned and recloned bovine blastocysts 孙国杰, 李荣, 戴蕴平, 王海平, 王莉莉, 刘颖, 丁方荣, 卫恒习, 李宁
Progress In Natural Science 2009 19 (7): 821-826
17. Evaluation of Genetic Diversity and Relationships within and between Two Breeds of Duck Based on Microsatellite Markers Fei Wu, Yinghua Huang, Ying Ma, Shengqiang Hu, Jinping Hao, Ning Li
Progress in Natural Science

18. Cell-free extracts from mammalian oocytes partially induce nuclear reprogramming in somatic cells. Miyamoto K, Tsukiyama T, Yang Y, Li N, Minami N, Yamada M, Imai H. *Biol Reprod* 2009 80(5):935-43
19. Genetic uniqueness of Chinese village pig populations inferred from microsatellite markers. Meiyang Fang, Xiaoxiang Hu, Weiwu Jin, Ning Li, Changxin Wu. *J. Anim Sci.* 2009 87:3445-3450
20. Genetic Variation and Association of Insulin-Like Growth Factor Binding Protein-3 with Performance in Swine Wang W, Meng Q, Hu X, Li N. *Biochem Genet.* 2009 47(3-4):315-21
21. Contrasting Mode of Evolution at a Coat Color Locus in Wild and Domestic Pigs. Fang M, Larson G, Soares Ribeiro H, Li N Andersson L. *PLoS Genet* 2009 5(1):e1000341
22. Association between sexual precocity and alleles of KISS-1 and GPR54 Genes in Goats T Feng, YZ Zhao, MX Chu, YJ Zhang, L Fang, R D, GL Cao, N Li. *Animal Biotechnology* 2009 20: 172–176,
23. Expression of IgM, IgD and IgY in a reptile, *Anolis carolinensis*. Wei Z, Wu Q, Ren L, Hu X, Guo Y, Warr GW, Hammarström L, Li N, Zhao Y. *Journal of Immunology* 2009 09,183(6):3858-64
24. *Ornithorhynchus anatinus* (platypus) links the evolution of immunoglobulin genes in eutherian mammals and nonmammalian tetrapods. Zhao Y, Cui H, Whittington CM, Wei Z, Zhang X, Zhang Z, Yu L, Ren L, Hu X, Zhang Y, Hellman L, Belov K, Li N, Hammarström L. *Journal of Immunology* 2009 09 183(5):3285-93
25. Mapping quantitative trait loci regulating chicken body composition traits Gao,Y, Du,Z.Q, Wei, W.H, Yu, X.J, Deng,X.M., Feng,C.G., Fei,J., Feng,J.D., Li,N, Hu, X X. *Animal genetics* 2009 952-954(3)
26. Bayesian shrinkage mapping for multiple QTL in half-sib families H Gao, M Fang, J Liu, Q Zhang *Heredity* 2009 103, 368–376
27. Haplotype Reconstruction and Estimation of Haplotype Frequencies from Nuclear Families with One Parent Available and Varying Numbers of Children Using the Exact Likelihood Xiang Dong Ding, Qin Zhang#, Henner Simianer. *Hum Hered* 2009 67:174–175
28. Effects of heat shock on ovary development and HSP83 expression in *Tribolium castaneum* (coleoptera: tenebrionidae) Jingjing Xu, Juan Shu, Xiaotian Qiu, Zhipeng Wang, Fuping Zhao, Zhe Zhang, Qin Zhang *Archives of Insect Biochemistry and Physiology* 2009 Vol. 70, No. 3, 204-216
29. Design and comparison of gene-pyramiding schemes in animals F. P. Zhao, L. Jiang, H. J. Gao, X. D. Ding, Q. Zhang *Animal* 2009 3:8, pp 1075–1084
30. Fine mapping quantitative trait loci affecting milk production traits on bovine chromosome 6 in a Chinese Holstein population Gui Mei, Cengceng Yin, Xiangdong Ding, Qin Zhang. *J. Genet. Genomics* 2009 36 653-660
31. Genome-Wide Identification and Evolutionary Analysis of the Animal Specific ETS Transcription Factor Family Zhipeng Wang, Qin Zhang. *Evolutionary Bioinformatics* 2009 5 119–131
32. Evaluation of connectedness between herds for three pig breeds in China C. Y. Sun, C. K. Wang, Y. C. Wang, Y. Zhang, Q. Zhang. *Animal* 2009 3:4, pp 482–485
33. Exploration on Feasibility of Liquid Storage of Boar Semen with Presence of Whole Seminal Plasma at 4 °C Y.-p. Hou, Y. Liu, Y.-p. Dai, R. Li, W.-Q. Shi, H.-p. Wang, L.-l. Wang, N. Li, S.-e. Zhu. *Theriogenology* 2009 72: 643–649
34. Effect of Vitrification on Mitochondrial Distribution and Membrane Potential in Mouse Two Pronuclear (2-PN) Embryos Xue-ming Zhao, Xiang-wei Fu, Yun-peng Hou, Chang-liang Yan, Lun Suo, Yan-ping Wang, Hua-bin Zhu, Andras Dnnyes, Shi-en Zhu. *Molecular Reproduction & Development* 2009 76 (11): 1056- 1063
35. Positive effects of Taxol pretreatment on morphology, distribution and ultrastructure of mitochondria and lipid droplets in vitrification of in vitro matured porcine oocytes Xiang-Wei Fu, Wen-Qing Shi, Qing-Jin Zhang, Xue-Ming Zhao, Chang Liang Yan, Yun-Peng Hou, Guang-Bin Zhou, Zhi-Qiang Fan, Lun Suo, Abuliz Wusiman, Yan-Ping Wang, Shi-En Zhu. *Animal Reproduction Science* 2009 115:158-168
36. Tetraspanin CD9 in Bovine Oocytes and Its Role in Fertilization Guang-Bin Zhou, Guo-Shi Liu, Qing-Gang Meng, Ying Liu, Yun-Peng Hou, Xiao-Xu WANG, Ning Li, Shi-En Zhu. *Journal of Reproduction and Development* 2009 55(3):305-308
37. Optimal Concentration of Calcium and Electric Field Levels Improve Tetraploid Embryo Production by Electrofusion in Mice Lun SUO, Fen WANG, Guang-Bin ZHOU, Jian-Min SHI, Yong-Bin WANG, Shen-Ming ZENG, Jian-Hui TIAN, Shi-En ZHU, Guo-Shi LIU. *Journal of Reproduction and Development*, 2009 55, (4):383-385
38. Vitrification Of Farmed Blue Fox Oocytes in Ethylene Glycol and DmsO-Based Solutions Using Open-Pulled Straw (OPS) Guang-Bin Zhou, Cheng-Bao Ma, Guo-Shi Liu, Shi-En Zhu, Hong-Hai Zhang, Li-Ling Jia, Lun Suo,

- Jian-Min Shi、Yong-Bin Wang、Jian-Hui Tian、Shen-Ming Zeng *CryoLetters* 2009 30 (2), 112-118
39. OPS vitrification of mouse immature oocytes before or after meiosis: the effect on cumulus cells maintenance and subsequent development Lun Suo、Guang-Bin Zhou、Qing-Gang Meng、Chang-Liang Yan、Zhi-Qiang Fan、Xue-Ming Zhao、Xiang-Wei Fu、Yan-Ping Wang、Qing-Jing Zhang、Shi-En Zhu *Zygote* 2009 17 (1):71-77
40. Positive effect of partial zona pellucida digestion on in vitro fertilization of mouse oocytes with cryopreserved spermatozoa Zhi Qiang Fan、Yan Ping Wang、Chang Liang Yan、Lun Suo、Shi En Zhu# *Laboratory Animals* 2009 43: 72–77
41. Exogenous cMHM regulates the expression of DMRT1 and ERA in avian testes 杨秀荣、郑江霞、徐桂云、曲鲁江、陈思睿、李俊英、杨宁 *Molecular Biology Reports* 2009 7.12
42. Laying performance and egg quality of blue-shelled layers as affected by different housing systems 王晓亮、郑江霞、宁中华、曲鲁江、徐桂云、杨宁# *Poultry Science* 2009. 88:1485-1492
43. Degree of Sex Differentiation of Genetic Female Chicken Treated with Different Doses of an Aromatase Inhibitor 杨秀荣、郑江霞、那日苏、李俊英、徐桂云、曲鲁江、杨宁 *Sexual Development* 2008 2:309-315
44. Lower antibody response in chickens homozygous for the Mx Resistant Allele to Avian Influenza L.J. Qu、X.Y.Li、G.Y.Xu、Z.H.Ning、N.Yang# *Asian-Aust. J.Anim. Sci.* 2009 22,(4):465-470
45. Origin and Domestication History of Peking Ducks Determined through Microsatellite and Mitochondrial Marker Analysis 曲鲁江、刘伟、杨方喜、侯卓成、郑江霞、徐桂云、杨宁 *Science in China Series C: Life Sciences* 2009 52(11):997-1100
46. PAR6, A Potential Marker for the Germ Cells Selected to Form Primordial Follicles in Mouse Ovary Jing Wen、Hua Zhang、Ge Li、Guanping Mao、Xiufen Chen、Jianwei Wang、Meng Guo、Xinyi Mu、Hong Ouyang、Meijia Zhang、Guoliang Xia *PLoS ONE* October 2009 | Volume 4 | Issue 10 | e7372
47. Reducing CYP51 inhibits follicle-stimulating hormone induced resumption of mouse oocyte meiosis in vitro Chao Wang、Baoshan Xu、Bo Zhou、Cheng Zhang、Jie Yang、Hong Ouyang、Gang Ning、Meijia Zhang、Jianzhong Shen、Guoliang Xia *J.Lipid Res.* 2009 50:2164-2172
48. The signal pathway of gonadotropins-induced mammalian oocyte meiotic resumption Meijia Zhang、Hong Ouyang、Guoliang Xia *Mol Human Reprod* 2009 15(7):399-409
49. Stage-specific Expression of Lanosterol 14a-Demethylase in Mouse Oocytes in Relation to Fertilization and Embryo Development Competence Xiaoming Song、Hong Ouyang、Ping Tai、Xiufen Chen、Baoshan Xu、Jun Yan、Guoliang Xia、Meijia Zhang *Asian-Aust J Anim Sci* 2009 22:319-327
50. Estradiol promotes pituitary cell proliferation and gonadotroph differentiation at different doses and with different mechanisms in chick embryo. Wu YJ、Chen da W、Liu JL、Zhang JH、Luo HS、Cui S. *Steroids* 2009 74:441-448
51. Accessory sex glands of male mice have the ability to synthesize taurine via the cysteine sulfinic decarboxylase pathway. Fan JJ、Zhou JL、Li JH、Cui S. *Cell Biol Int.* 2009 Volume 33, Issue 6, Pages 684-689
52. Effects of daidzein on testosterone synthesis and secretion in cultured mouse leydig cells. LiuPing Z、Cui S *Asian-australasian journal of animal sciences* 2009 22: 618-625
53. Effects of estrogen and androgen deprivation on the progression of non-alcoholic steatohepatitis (NASH) in male Sprague–Dawley rats Yanjun Mu、Ruiping She、Hua Zhang、Bing Dong、Chengfei Huang、Wei Lin、Defa Li、Xiangdong Li *Hepatology Research* 2009 39: 910–920
54. Rapid Clearance of Circulating Protein by Early Embryo Blood Cells Guojin wu、Zandong Li *J. Exp. Biol* 2009 212:2176-2182
55. Glycoprotein clearance is rapid and suppressed by mannan in chicken embryos G. Wu、Z. Li *Molecular and Cellular Biochemistry* 2009 Sep;65(3):235-242
56. Glycoprotein clearance is rapid and suppressed by mannan in chicken embryos Guojin Wu、Zandong Li *J.Physiol.Biochem.* 2009 65 (3), 235-242
57. Influence of Microgravity on the Concentration of Circulating Primordial Germ Cells in Silk Chicken Offspring Changsong Qian、Zhenming Zhou、Haitang Han、Chen Zhao、Xiu mei Jin、Hongliang Zhao、Yanfen Zhang、Wei Chen、Ning Yang、Zandong Li *The Journal of Poultry Science* 2009 Dec;47:65-70
58. Expression of Green Fluorescent Protein Gene in Somatic Chimeric Chickens Produced by Transplantation of Transfected Chicken Embryonic Fibroblasts Peng Sun、Chen Zhao、Li Yan、Wenjing Jin、Wenxin Zhang、Yujing Shao、Guojin Wu、Zandong Li *J. Poult. Sci* 2009 46: 363-369
59. Induction of Immunological Tolerance in Chicken (*Gallus domesticus*) to DT40 Cells Stably Transfected with GFP Wenjing Jin、Chen Zhao、Peng Sun、Xiaoping Wang、Wenxin Zhang、Jihong Yuan、Fang Yuan、Yan

- Li, Zandong Li *J. Poul. Sci.* 2009 46: 356-362
60. Imbalance of G and C contents influences the sensitivity of single-strand conformation polymorphism Liu Yufang, Li Yanhua, Zhao Xingbo *Mol Biol Rep.* 2009 DOI 10.1007/s11033-009-9571-x
61. Analysis of Yak MUC1 Protein Polymorphisms and the Corresponding VNTR Structure Yucai Zheng, Qipeng Fan, Yufang Liu, Xingbo Zhao, Xiaolin He, Suyu Jin *Animal Biotechnology* 2009 20(4):231-237
62. Effects of methyltestosterone on immunity against Salmonella Pullorum in dwarf chicks H. Li, Y. Zhang, S. F. Zuo, Z. X. Lian, N. Li *Poultry Science* 2009 88:1-10
63. Field evaluation of juvenile in vitro embryo transfer (JIVET) in sheep Ke-Mian Gou, Hong Guan, Jia-Hua Bai, Xiu-Hong Cui, Zhi-Fang Wu, Feng-Xiang Yan, Xiao-Rong An *Animal Reproduction Science* 2009 112(3-4):316-324
64. Viable rabbits derived from oocytes by intracytoplasmic injection of spermatozoa from an infertile male Qiuyan Li, Jian Hou, Sheng Wang, Hong Guan, Nan Zhang, Yongfu Chen, Xiaorong An *Zygote* 2009 17 (2): 157-162
65. Generation of fad2 transgenic mice that produce omega-6 fatty acids... (*correspondence) Chen Qing, Liu Qing, Wu Zhi-Fang, Wang Zong-Yi, Gou Ke-Mian *Science in China Series C: Life Sciences* 2009 52(11): 1048-1052
66. Genome-wide and gene specific paternal demethylation in androgenetic embryos. Yao H, Li BX, Wang Sh-F, Kou Zh-H, Zhang Y, Gao Sh-R, Gou KM. *Frontiers in Bioscience.* 2009 14(1): 3884-3891
67. Spatio-temporal Expression of Heterologous Oct-4 Promoter in Preimplantation Embryos of Pig, Rabbit and Mouse 张颖、史芳瑜、高绍荣、林爱星 *生物化学与生物物理进展/Prog Biochem Biophys* 2009 36卷9期
68. An expression database for roots of the model legume *Medicago truncatula* under salt stress Daofeng Li, Zhen Su, Jiangli Dong, Tao Wang *BMC Genomics* 2009 Nov 11;10:517
69. The salt-tolerance gene *rstB* can be used as a selectable marker in plant genetic Wanjun Zhang, Susheng Yang, Xiaoye Shen, Yongsheng Jin, Huijun Zhao, Tao Wang *Molecular Breeding* 2009 23: 269-277
70. Identification and characterization of MtMTP1, a Zn transporter of CDF family, in *Medicago truncatula* Mingliang Chen, Xiaoye Shen, Daofeng Li, Lei Ma, Jiangli Dong, Tao Wang *Plant Physiology and Biochemistry* 2009 47 (11-12):1089-94
71. Increased expression of OsSPX1 enhances cold/subfreezing tolerance in tobacco and *Arabidopsis thaliana* Linna Zhao, Fenxia Liu, Wenying Xu, Chao Di, Shaoxia Zhou, Yongbiao XU, Jingjuan Yu, Zhen Su *Plant Biotechnology J* 2009 7: 550-561
72. Zm401p10, encoded by an anther-specific gene with short open reading frames, is essential for tapetum degeneration and anther development in maize. Wang DX, Chengxia Li, Qiang Zhao, Linna Zhao, Meizhen Wang, Zhu DY, Ao GM, Yu JJ *Functional Plant Biology* 2009 36:73-85
73. Overexpression of millet ZIP-like gene (SiPf40) affects lateral bud outgrowth in tobacco and millet Yinghui Liu, Xiaoyan Feng, Yaoguang Xu, Jingjuan Yu, Guangming Ao, Zhuiyu Peng, Qian Zhao *Plant Physiology and Biochemistry* 2009 47:1051-1060
74. RNA Silencing Mediated by Direct Repeats in Maize: A Potential Tool for Functional Genomics Xu XP, Zhu DY, Zhao Q, Ao GM, Ma CL, Yu JJ *Molecular Biotechnology* 2009 41 (3):213-223
75. The foxtail millet Si69 gene is a Wali7 (wheat aluminum-induced protein 7) homologue and may function in aluminum tolerance. Zhao LN, Zhao Q, Ao GM, YuJJ *Chinese Sci Bull*, 2009 54(10): 1697-1706
76. The relationship of differential expression of genes in GA biosynthesis and response pathways with heterosis of plant height in a wheat diallel cross Wang Xiuli, Yao Yingyin, Peng Huiru, Zhang Yi, Lu Lahu, Ni Zhongfu, Sun Qixin *Chinese Science Bulletin* 2009 54: 3029-3034
77. Identification of differentially expressed proteins between hybrid and parents in wheat (*Triticum aestivum* L.) seedling leaves. Song, X., Ni, Z.F., Yao, Y.Y., Zhang, Y.H. and Sun, Q.X. *Theoretical and Applied Genetics* 2009 118 (2): 213-225
78. Ectopic Overexpression of Wheat Adenosine Diphosphate-ribosylation Factor, TaARF, Increases Growth Rate in *Arabidopsis* Yingyin Yao, Zhongfu Ni, Jinkun Du, Zongfu Han, Yan Chen, Qingbo Zhang, Qixin Sun *Journal of Integrative Plant Biology* 2009 51 (1): 35-44
79. Genomic and genie sequence variation in synthetic hexaploid wheat(AABBDD)as compared to their parental species Lihong Nie, Zongfu Han, Lahu Lu, Yingyin Yao, Qixin Su, Zhongfu Ni *progress in natural science* 2009 18(1):533-538
80. Cloning and characterization of an up-regulated GA 20-oxidase gene in hybrid maize Jinkun Dua, Yingyin Yao, Zhongfu Nia, Qixin Sun *progress in natural science* 2009 19,161-166
81. Molecular identification of a new powdery mildew resistance gene Pm41 on chromosome 3BL derived from wild

- emmer (*Triticum turgidum* var. *dicoccoides*) Li Genqiao, Fang Tilin, Zhang Hongtao, Xie Chaojie, Li Hongjie, Yang Tsomin, Nevo Eviatar, Fahima Tzion, Sun Qixin, Liu Zhiyong *Theor Appl Genet* 2009 119:531-539
82. Identification and genetic mapping of pm42, a new recessive wheat powdery mildew resistance gene derived from wild emmer (*Triticum turgidum* var. *dicoccoides*). Wei Hua, Ziji Liu, Jie Zhu, Chaojie Xie, somin Yang, Yilin Zhou, Xiayu Duan, Qixin Sun, Zhiyong Liu *Theor Appl Genet* 2009 119:223-230
83. A 'one-marker-for-two-genes' approach for efficient molecular discrimination of Pm12 and Pm21 conferring resistance to powdery mildew in wheat Wei Song, Chaojie Xie, Jinkun Du, Hao Xie, Qing Liu, Zhongfu Ni, Tsomin Yang, Qixin Sun, Zhiyong Liu *Molecular Breeding* 2009 23:357-363
84. An F-box gene, CPR30, functions as a negative regulator of the defense response in Arabidopsis Mingyue Gou, Nan Su, un Zheng, Junling Huai, Guangheng Wu, Jinfeng Zhao, Junguang He, Dingzhong Tang, Shuhua Yang, Guoying Wang *The Plant Journal* 2009 60:757-770
85. Cloning and Characterization of a Novel CBL-interacting Protein Kinase from Maize. Jinfeng Zhao, Zhenfei Sun, Jun Zheng, Xiyang Guo, Zhigang Dong, Junling Huai, Mingyue Gou, Junguang He, Yongsheng Jin, Jianhua Wang, Guoying Wang *Plant Mol Biol* 2009 69:661-6749.
86. Genome-wide analysis of gene expression profiles during ear development of maize Yun Zhu, Junjie Fu, Jinpeng Zhang, Tingsong Liu, Ying Jin, Yun Lian, Zhiwei Jia, Meng Wang, Jun Zheng, Wei Hou, Guoying Wang *Plant Mol Biol* 2009 70:63-77.
87. Overexpression of a new Cys2/His2 zinc finger protein ZmZF1 from maize confers salt and drought tolerance in transgenic Arabidopsis. Junling Huai, Jun Zheng, Guoying Wang *Plant Cell Tiss Organ Cult*, 2009 99:117-124
88. DescFold: A web server for protein fold recognition 鄢仁祥、司婧娜、王川、张子丁 *BMC Bioinformatics* 2009.12/10:416
89. TIM-Finder: A new method for identifying TIM-barrel proteins 司婧娜、鄢仁祥、王川、张子丁、苏晓东 *BMC Struct Biol* 2009.12/9:73
90. An Overview of the De Novo Prediction of Enzyme Catalytic Residues 张子丁、唐玉荣、绳志雅、赵东滨 *Current Bioinformatics* 2009.10 4:197-206
91. Binding specificity of locust odorant binding protein and its key binding site for initial recognition of alcohols江泉涌, 王维轩, 张子丁, 张龙 *Insect Biochem Mol Biol* 2009.7 39:440-447
92. Competition Between Cucumber Mosaic Virus Subgroup I and II Isolates in Tobacco Zhaofeng Tian, Jiyan Qiu, Jialin Yu, Chenggui Han, Weicheng Liu *Journal of Phytopathology* 2009 157: 457-464.
93. Identification of two RNA silencing suppressors from banana bunchy top virus Shengniao Niu, Baosheng Wang, Xiaofen Guo, Jialin Yu, Xianbing Wang, Kai Xu, Yafeng Zhai, Jianhua Wang, Zhixin Liu *Archives of Virology* 2009 154:1775-1783.
94. Distribution and Molecular Diversity of Three Cucurbit-infecting Poleroviruses in China Shang Qiao-xia, Xiang Hai-ying, Han Cheng-gui, Li Da-wei, Yu Jia-lin *Virus Research* 2009 145(2): 341-346.
95. Production of Antiserum to Recombinant Coat Protein for Detecting Lily mottle virus in Yunnan, China Baohua Kong, Jialin Yu, Hairu Chen, Dawei Li, Chenggui Han, Jihua Wang *Journal of Phytopathology* 2009 157: 362-369.
96. Plastocyanin transit peptide interacts with Potato virus X coat protein, while silencing of plastocyanin reduces coat protein accumulation in chloroplasts and symptomseverity in host plants Qiao Y, Li HF, Wong SM, Fan ZF *Mol Plant Microbe Interact* 2009. 12 22/1523-1534
97. Molecular characterisation of two plasmids from paulownia witches'-broom phytoplasma and detection of a plasmidencoded protein in infected plants LinC, Zhou T, Li HF, Fan ZF, Li Y, Piao CG, Tian GZ *Eur J Plant Pathol* 2009.3 123/321-330
98. The genomic sequence of a Chinese isolate of Squash mosaic virus with novel 5' conserved ends Hu J, Zhou T, Liu LF, Peng B, Li HF, Fan ZF, Gu QS *Virus Genes* 2009 38 (3)/475-477
99. Levaisole is a potential facilitator for the activation of Th1 responses of the subunit HBV vaccination. Wenjuan Zhang, Xiaogang Du, Gang Zhao, Huali Jin, Youmin Kang, Chong Xiao, Mingyu Liu, Bin Wang *Vaccine* 2009 27:4938-4946.
100. FK506 s an adjuvant for tolerogenic DNA vaccination. Youmin Kang, Jia Zhao, Yue Liu, Aoshuang Chen, Guoxing Zheng, Yang Yu, Jianjie Mi, Qiang Zou, Bin Wang *J Gene Med* 2009; 11: 1064-1070.
101. PyNTTTTGT oligonucleotide, a Novel Effective Adjuvant on FMDV DNA Vaccine Gan Zhao, Huali Jin, Jinyao Li, Baowei Su, Xiaogang Du, Youmin Kang, Xiao Wang, Bin Wang *Viral Immunology* 2009 22(2):131-138
102. Protein Transfer Enhances Cellular Immune Responses to DNA Vaccination against the SARS-CoV. Kang Y,

- Chen A, Wang B, Zheng G. *Viral Immunology* 2009 Dec;22(6):417-422
103. Expression of Newcastle disease virus (NDV) M protein from a recombinant plasmid prolongs the survival of NDV-infected chicken embryos and enhances the virus replication Lei Wang, Xun Suo, Fuyong Chen, Shijun Zheng *Acta Virologica* 2009 53; 105-11
104. Changes in the cellular proteins of pulmonary alveolar macrophage infected with porcine reproductive and respiratory syndrome virus by proteomics analysis. Zhang HM, X Guo, XN Ge, YH Chen, QX Sun, HC Yang *Journal of Proteome Research* 2009 8, 3091-3097.
105. The 30 amino acids deletion in Nsp2 of highly pathogenic porcine reproductive and respiratory syndrome virus emerging in China is not related to its virulence Zhou L, JL Zhang, JW Zeng, SY Yin, YH Li, LY Zheng, X Guo, XN Ge, HC Yang *Journal of Virology* 2009 83, 5156-5167
106. Molecular characterization of the genome of duck enteritis virus Yufeng Li, Bing Huang, Xiuli Ma, Jing Wu, Feng Li, Wu Ai, Minxun Song, Hanchun Yang *Virology* 2009 391:151-161
107. Molecular variation analysis of porcine reproductive and respiratory syndrome virus in China. /Zhou L, SX Chen, JL Zhang, JW Zeng, X Guo, XN Ge, DB Zhang, HC Yang *Virus Research* 2009 145, 97-105
108. Genetic variation analysis of Chinese strains of porcine circovirus type 2. Wang F, X Guo, XN Ge ZT Wang, YH Chen, ZL Cha, HC Yang *Virus Research* 2009 145, 151-156
109. A novel wall-associated receptor-like protein kinase gene, OsWAK1, plays important roles in rice blast disease resistance Hui Li, Shan-Yue Zhou, Wen-Sheng Zhao, Sheng-Chang Su, You-Liang Peng *PMB/Plant Mol Biol* 2009 69:337-346
110. A new strain of *Streptomyces avermitilis* produces high yield of oligomycin A with potent anti-tumor activity on human cancer cell lines in vitro Xiuping Lin, Ying Wen, Meng Li, Zhi Chen, Jia Guo, Yuan Song, Jilun Li *Appl Microbiol Biotechnol* 2009 81:839-845
111. Rapid Determination of L-Glutamine using Engineered *Escherichia coli* Overexpressing Glutamine Synthetase Ni-Ning Hong, Guang Yang, Jian Li, Yao-Ping Zhang, Ji-Lun Li *Appl Biochem Biotechnol* 2009 158:398-407
112. Cloning and functional analysis of the sequences flanking mini-Tn5 in the magnetosomes deleted mutant NM21 of *Magnetospirillum gryphiswaldense* MSR-1 LI Feng, LI Ying, JIANG Wei, WANG Zhenfang, LI Jilun *Chinese Science Bulletin* 2009 54 (9): 1522-1528
113. 人工光照条件下深红螺菌的氢代谢途径 朱瑞艳, 李季伦 科学通报 2009 54 (21) :3320-3325
114. Production of pigment-free pullulan by swollen cell in *Aureobasidium pullulans* NG which cell differentiation was affected by pH and nutrition Bing-xue Li, Ning Zhang, Qing Peng, Tie Yin, Fei-fei Guan, Guili Wang, Ying Li *Appl Microbiol Biotechnol* 2009 84:293-300
115. Targeted Distribution of Bacterial Magnetosomes Isolated from *Magnetospirillum gryphiswaldense* MSR-1 in Healthy SD Rats Jian-Bo Sun, Zi-Liang Wang, Jin-Hong Duan, Jun Ren, Xian-Da Yang, Shun-ling Dai, Ying Li *J. Nanosci. Nanotechnol.* 2009 9, 1881-1885
116. Genetic diversity and biogeography of rhizobia associated with *Caragana* species in three ecological regions of China. Yang Li Lu, Wen Feng Chen, En Tao Wang, Su Hua Guan, Xue Rui Yanc, Wen Xin Chen *Syst. Appl. Microbiol* 2009 (32; 5),351-361
117. *Rhizobium tibeticum* sp. nov., a symbiotic bacterium isolated from *Trigonella archiducis-nicolai* Vassilcz Bao Chao Hou, En Tao Wang, Ying Li, Jr, Rui Zong Jia, Wen Feng Chen, Yu Gao, Ren Jie Dong, Wen Xin Chen *Int J Syst Evol Microbiol.* 2009 (59),3051-3057
118. *Niabella yanshanensis* sp. nov., isolated from the soybean rhizosphere Hao Wang, Yun Zeng Zhang, Chao Xin Man, Wen Feng Chen, Xin Hua Sui, Ying Li, Xiao Xia Zhang, Wen Xin Chen *Int J Syst Evol Microbiol.* 2009 (59),2854-2856
119. *Rhizobium mesosinicum* sp. nov., isolated from root nodules of three different legumes Dong Xu Lin, Wen Feng Chen, Feng Qin Wang, Dong Hu, En Tao Wang, Xin Hua Sui, Wen Xin Chen *Int J Syst Evol Microbiol.* 2009 (59),1919-1923
120. *Mesorhizobium shangrilense* sp. nov., isolated from root nodules of *Caragana* species Yang Li Lu, Wen Feng Chen, En Tao Wang, Li Li Han, Xiao Xia Zhang, Wen Xin Chen, Su Zhen Han *Int J Syst Evol Microbiol.* 2009 (59),3012-3018
121. *Rhizobium alkalisoli* sp. nov., isolated from *Caragana intermedia* growing in saline-alkali soils in north of China. Yang Li Lu, Wen Feng Chen, Li Li Han, En Tao Wang, Wen Xin Chen *Int J Syst Evol Microbiol.* 2009 (59) 3006-3011

122. An ABC transporter for alkaline stress and potassium transport regulation in *Sinorhizobium meliloti* Dong Xu Lin, Hui Tang, En Tao Wang, Wen Xin Chen *FEMS Microbiol Lett* 2009 (293),35-41
123. Unique community structure and biogeography of soybean rhizobia in the saline-alkaline soils of Xinjiang, China Li Li Han, En Tao Wang, Tian Xu Han, Jie Liu, Xin Hua Sui, Wen Feng Chen, Wen Xin Chen *Plant and Soil* 2009 11 324 1-2, 291~305
124. *Bradyrhizobium* spp. and *Sinorhizobium fredii* are predominant in root nodules of *Vigna angularis*, a Native Legume Crop in the subtropical region of China Li Li Han, En Tao Wang, Yang Li Lu, Yong Fa Zhang, Xin Hua Sui, Wen Feng Chen, Wen Xin Chen *The Journal of Microbiology* 2009 287-296
125. Novel associations between rhizobial populations and legume species within the genera *Lathyrus* and *Oxytropis* grown in the temperate region of China SUI XinHua, HAN LiLi, WANG EnTao, JIANG Feng, LIU YiHai, CHEN WenXin *SCIENCE IN CHINA Series C Life Sciences* 2009 (52)182-192
126. Screening of high effective alfalfa rhizobial strains with a comprehensive protocol Rui Zong Jia, Jun Gu, Chang Fu Tian, Chao Xin Man, En Tao Wang, Wen Xin Chen *Annals of Microbiology*, 2008 58 (4) 731-739
127. *Paenibacillus sonchi* sp. nov., a nitrogen-fixing species isolated from the rhizosphere of *Sonchus oleraceus* Yuan-Yuan Hong, Yu-Chao Ma, Yu-Guang Zhou, Fei Gao, Hong-Can Liu, San-Feng Chen *Int J Systematic and Evolutionary Microbiology* 2009 59, 2656-2661
128. Expression and Functional Analysis of Aminotransferase Involved in Indole-3-acetic Acid Biosynthesis in *Azospirillum brasilense* Yu62 Shi_Mei Ge, Li Tao, San_Feng Chen *Biochemistry (Moscow)* 2009 Vol. 74, No. 1, pp. 81-84.
129. A peptide with potent antifungal and antiproliferative activities from Nepalese D.Z. Ma, H.X. Wang, T.B. Ng *Peptides* 2009 30 2089-2094
130. Purification and characterization of a novel lectin from the toxic J.K. Zhao a, H.X. Wang a, T.B. Ng *Toxicon* 2009 53 360-366
131. A novel lectin with antiproliferative activity from the medicinal mushroom *Pholiota adiposa*. Guoqing Zhang, Jiang Sun, Hexiang Wang, Tzibun Ng *Acta Biochimica Polonica* 2009 56, 415-421
132. Pomegranin, An Antifungal Peptide from Pomegranate Peels Guang Guo, He Xiang Wang, Tzi Bun Ng *Protein & Peptide Letters* 2009 16, 82-85
133. Lectins but not antifungal proteins exhibit anti-nematode activity S. Zhaoa, Y.X. Guoa, Q.H. Liua, H.X.Wanga, T.B. Ng *Environmental Toxicology and Pharmacology* 2009 28 265-268
134. Characterization of biofloculants from biologically aerated filter backwashed sludge and its application in dyeing wastewater treatment WeiJie Liu, HongLi Yuan, JinShui Yang, BaoZhen Li *Bioresource Technology* 2009 100:2629-2632
135. Production and characterization of an intracellular biofloculant by *Chryseobacterium daeguense* W6 cultured in low nutrition medium WeiJie Liu, Kai Wang, BaoZhen Li, HongLi Yuan, JinShui Yang *Bioresource Technology* 2010 101:1044-1048
136. Influence of intercropping and intercropping plus rhizobial inoculation on microbial activity and community composition in rhizosphere of alfalfa (*Medicago sativa* L.) and Siberian wild rye (*Elymus sibiricus* L.) Yan Mei Sun, Nan Nan Zhang, En Tao Wang, Hong Li Yuan, Jin Shui Yang, Wen Xin Chen *FEMS Microbiol Ecol* 2009 70:218-226
137. Humic acids buffer the effects of urea on soil ammonia oxidizers and potential nitrification Lianhua Dong, An Luci Cordova-Kreylos, Jinshui Yang, Hongli Yuan, Kate M. Scow *Soil Biology & Biochemistry* 2009 41:1612-1621
138. Nitrogen Incorporation into Lignite Humic Acids during Microbial Degradation LianHua Dong, HongLi Yuan *Geomicrobiology Journal* 2009 26:484-490,
139. *Flavobacterium cauense* sp. nov., isolated from sediment of a eutrophic lake Jian-Hang Qu, Hong-Li Yuan, Hai-Feng Li, Chun-Ping Deng *Int J Systematic and Evolutionary Microbiology* 2009 59:2666-2669
140. *Lacibacter cauensis* gen. nov., sp. nov., a novel member of the phylum Bacteroidetes isolated from sediment of a eutrophic lake Jian-Hang Qu, Hong-Li Yuan, Jin-Shui Yang, Hai-Feng Li, Nan Chen *Int J Systematic and Evolutionary Microbiology* 2009 59:1153-1157
141. *Paracoccus chinensis* sp. nov., isolated from sediment of a reservoir Hai-Feng Li, Jian-Hang Qu, Jin-Shui Yang, Zhi-Jian Li, Hong-Li Yuan *Int J Systematic and Evolutionary Microbiology* 2009 59: 2670-2674



