

2009年度林木育种国家工程实验室SCI论文汇总表

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序号	作者姓名	论文题目	学术刊物名 发表年、期	备注
1	Chuyu Ye, Hechen Zhang, Jinhuan Chen, Xinli Xia, Weilun Yin*	Molecular characterization of putative vacuolar NHX-type Na⁺/H⁺ exchanger genes from the salt-resistant tree <i>Populus euphratica</i>	Physiologia plantarum 2009,137:166-174	SCI
2	Jinhuan Chen, Xinli Xia, Weilun Yin*	Expression profiling and functional characterization of a DREB2-type gene from <i>Populus euphratica</i>	Biochem. Biophys. Res. Commun 2009,378: 483-487	SCI
3	Bosheng Li, Weilun Yin, Xinli Xia	Identification of microRNAs and their targets from <i>Populus euphratica</i>	Biochem. Biophys. Res. Commun 2009,388: 272-277	SCI
4	Zheng HQ, Lin SZ, Zhang Q, Lei Y, Zhang ZY*	Functional analysis of 5' untranslated region of a TIR-NBS - encoding gene from triploid white poplar	Molecular Genetics and Genomics 2009,282(4): 381-394	SCI
5	Sun J, Chen S* , Dai S, Wang R, Li N, Shen X, Zhou X, Lu C, Zheng X, Hu Z, Zhang Z, Song J, Xu Y	NaCl-induced alternations of cellular and tissue ion fluxes in roots of salt-resistant and salt-sensitive poplar species	Plant Physiology 2009,149: 1141-1153	SCI
6	Sun J, Dai S, Wang R, Chen S* , Li N, Zhou X, Lu C, Shen X, Zheng X, Hu Z, Zhang Z, Song J, Xu Y	Calcium mediates root K⁺/Na⁺ homeostasis in poplar species differing in salt tolerance	Tree Physiology 2009,29: 1175-1186	SCI
7	Chen S* , Olbrich A, Langenfeld Heysler R, Fritz E, Polle A	Quantitative X-ray microanalysis of hydrogen peroxide within plant cells	Microscopy Research and Technique 2009,72: 49-60	SCI
8	Li N, Li C, Chen S* , Chang Y, Zhang Y, Wang R, Shi Y, Zheng X, Fritz E, Hüttermann A	Abscisic acid, calmodulin response to short term and long term salinity and the relevance to NaCl-induced antioxidant defense in two mangrove species	The Open Forest Science Journal 2009,2: 48-58	SCI
9	Sun J, Chen S* , Dai S, Wang R, Li N, Shen X, Zhou X, Lu C, Zheng X, Hu Z, Zhang Z, Xu Y	Ion flux profiles and plant ion homeostasis control under salt stress	Plant Signaling & Behavior 2009,4: 261-264	SCI
10	Zenghui Hu, Yingbai Shen , Fanyi Shen, Youqing Luo, Xiaohua Su	Evidence for the signaling role of methyl jasmonate (MeJA), methyl salicylate (MeSA) and benzothiazole between poplar (<i>Populus simonii</i>×<i>P. pyramidalis</i> 'Opera 8277') cuttings	Trees 2009,23: 1003-1011	SCI
11	Zeng-hui Hu, Ying-bai Shen , Xiao-hua Su	Saturated Aldehydes C6-C10 Emitted from Ashleaf Maple (<i>Acer negundo</i> L.) Leaves at Different Levels of Light Intensity O₂ and CO₂	Journal of Plant Biology 2009,52: 289-297	SCI
12	Zeng-Hui Hu, Ying-Bai Shen , Fan-Yi Shen, Xiao-Hua Su	Effects of feeding <i>Clostera anachoreta</i> on H₂O₂ accumulation and activities of peroxidase, catalase and ascorbate peroxidase in <i>Populus simonii</i> × <i>P. pyramidalis</i> 'Opera 8277' leaves	Acta Physiologiae Plantarum 2009,31: 995-1002	SCI
13	Qing-Wen Maa, David K. Fergusonb, Feng-Lan Li , Cheng -Sen Li	Leaf epidermal structures of extant plants of Cunninghamia and Taiwania (<i>Cupressaceae sensu lato</i>) and their taxonomic application	Review of Palaeobotany and Palynology 2009,115:15-24	SCI
14	J.Wang, and X. Y. Kang*	Distribution of Microtubular Cytoskeletons and Organelle Nucleoids During Microsporogenesis in a 2n Pollen Producer of Hybrid Populus	Silvae Genetica 2009,58: 220-226	SCI
15	Dong-Dong Wang, Hua Bai, Wei-Qi	Identifying a Cinnamoyl Coenzyme A Reductase (CCR) Activity	Plant Biology	SCI

15	Chen, Hai Lu, Xiang-Ning Jiang*	with 4-Coumaric Acid: Coenzyme A Ligase (4CL) Reaction Products in Populus tomentosa	2009,52:482-491	SCI
16	Zhi-Bin Luo, Dennis Janz, Xiangning Jiang , Cornelia Gobel, Henning Wildhagen, Yupeng Tan, Heinz Rennenberg, Ivo Feussner, and Andrea Polle*	Upgrading Root Physiology for Stress Tolerance by Ectomycorrhizas: Insights from Metabolite and Transcriptional Profiling into Reprogramming for Stress Anticipation	Plant Physiology 2009,151:1902-1917	SCI
17	Han Song, Di Liu, Xin Chen, Zehua Ying, Bo Zhang, Fenglan Li, Hai Lu*	Change of season-specific telomere lengths in Ginkgo biloba L	Molecular Biology Reports 2009,37:819-824	SCI
18	Hai Lu* , Rui-Li Han, Xiang-Ning Jiang	Heterologous expression and characterization of a proximal ascorbate peroxidase from Populus tomentosa	Molecular Biology Reports 2009,36:21-27	SCI
19	Y-J. LI, R-L. HAI, X-H. DU, X-N. JIANG, H. LU*	Over-expression of a Populus peroxisomal ascorbate peroxidase (PpAPX) gene in tobacco plants enhances stress tolerance	Plant Breeding 2009,128:404-410	SCI
20	Xiao-mei Zhang, Ying Wang, Xiaomeng Lv, Hui Li, Peng Sun, Hai Lu* and Feng-lan Li	NtCP56, a new cysteine protease in Nicotiana tabacum L., involved in pollen grain development	Journal of Experimental Botany 2009,60(6):1569-1577	SCI
21	Xiaomeng Lv, Xiaodan Song, Guodong Rao, Xiang Pan, Liping Guan, Xiangning Jiang, Hai Lu*	Construction vascular-specific expression bi-directional promoters in plants	Journal of Biotechnology 2009,141:104-108	SCI
22	Hai-Ling Yang, Ying-Ru Zhao, Cai-Ling Wang, Zhi-Ling Yang, Qing-Yin Zeng and Hai Lu*	Molecular Characterization of a Dehydroascorbate Reductase from Pinus bungeana	Journal of Integrative Plant Biology 2009,51(11): 993-1001	SCI
23	Jiajin Zhuo, Weixiang Wang, Yun Lu, Wu Sen, Xiaofeng Wang*	Osmoprime-Regulated Changes of Plasma Membrane Composition and Function were Inhibited by Phenylarsine Oxide in Soybean Seeds	Journal of Integrative Plant Biology 2009,51(9): 858-867	SCI
24	Min Zhang, Yong Hu, Jingjing Jia, Hongbo Gao* and Yikun He*	A plant MinD homologue rescues Escherichia coli HLL mutant (ΔMinDE) in the absence of MinE	BMC Microbiology 2009,9:101	SCI
25	Min Zhang, Yong Hu, Jingjing Jia, Dapeng Li, Runjie Zhang, Hongbo Gao , Yikun He	CDPI, a novel component of chloroplast division site positioning system in Arabidopsis	Cell Research 2009,19:877-886	SCI