

2010年度实验室SCI收录论文汇总表

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序号	作者（所有）	责任作者	论文名称（英文）	刊源（中英文）	发表年度	影响因子	第一作者单位	责任作者单位
1	Yonglin Hu, Ying Gai, Lei Yin, Xiaoxue Wang, Chunyan Feng, Lei Feng, Defeng Li, Xiang-Ning Jiang, Da-Cheng Wang	蒋湘宁	Crystal Structures of a Populus tomentosa 4-Coumarate:CoA Ligase Shed Light on Its Enzymatic Mechanisms	<i>The Plant Cell</i>	2010, 22: 3093—3104	9.293	北京林业大学为并列第一单位	北京林业大学为并列第一单位
2	Jigang Li, Gang Li, Shumin Gao, Cristina Martinez, Guangning He, Zhenzhen Zhou, Xi Huang, Jae-Hoon Leeb Huiyong Zhang, Yunping Shen, Haiyang Wang, and Xing Wang Deng	邓兴旺	Arabidopsis Transcription Factor ELONGATED HYPOCOTYL5 Plays a Role in the Feedback Regulation of Phytochrome A Signaling.	<i>The Plant Cell</i>	2010,22(11):3634-3649	9.293	北京林业大学（单位排名第3）	北京大学, 耶鲁大学
3	Jiqing Gou, a Steven H. Strauss, b Chung Jui Tsai, c Kai Fang, Yiru Chen Xiangning Jiang, and Victor B. Busova	Victor B. Busova	Gibberellins Regulate Lateral Root Formation in Populus through Interactions with Auxin and Other Hormones	<i>The Plant Cell</i>	2010, 22: 3093—3104	9.293	北京林业大学（单位排名第4）	密执根大学
4	He, Q. L., A. Berg, Y. Li, C. E. Vallejos, R. L. Wu	郭崇领	Modeling genes for plant structure, development and evolution: Functional mapping meets plant ontology	<i>Trends in Genetics</i>	2010, 26: 39—46	8.689	北京林业大学（单位排名第5）	北京林业大学
5	Xia Cuil, Chunmin Ge1, Renxiao Wang1, Huanzhong Wang, Weiqi Chen, Zhiming Fu, Xiangning Jiang, Jiayang Li, Yonghong Wang	王永红	The BUD2 mutation affects plant architecture through altering cytokinin and auxin responses in Arabidopsis	<i>Cell Research</i>	2010, 20:576-586	8.151	北京林业大学（单位排名第2）	中国科学院遗传所
6	Sun J, Wang M, Ding M, Deng S, Liu M, Lu C, Zhou X, Shen X, Zheng X, Zhang Z, Song J, Hu Z, Xu Y, Chen S	陈少良	H ₂ O ₂ and cytosolic Ca ²⁺ signals triggered by the PM H ⁺ -coupled transport system mediate K ⁺ /Na ⁺ homeostasis in NaCl-stressed <i>Populus euphratica</i> cells.	<i>Plant Cell and Environment</i>	2010. 33, 943—958	5.081	北京林业大学	北京林业大学
7	马洪双, 梁丹, 帅鹏, 夏新莉, 尹伟伦	夏新莉 尹伟伦	The salt- and drought-inducible poplar GRAS protein SCL7 confers salt and drought tolerance in Arabidopsis thaliana	<i>Journal of Experimental Botany</i>	2010,61(14): 4011—4019	4.271	北京林业大学	北京林业大学
8	Ding M, Hou P, Shen X, Wang M, Deng S, Sun J, Xiao F, Wang R, Zhou X, Lu C, Zhang D, Zheng X, Hu Z, Chen S	陈少良	Salt-induced expression of genes related to Na ⁺ /K ⁺ and ROS homeostasis in leaves of salt-resistant and salt-sensitive poplar species.	<i>Plant Molecular Biology</i>	2010. 73:251—269	3.978	北京林业大学	北京林业大学
9	郭丽丽, 于艳华, 夏新莉, 尹伟伦	夏新莉 尹伟伦	Identification and functional characterisation of the promoter of the calcium sensor gene CBL1 from the xerophyte <i>Ammodendron mongolicum</i>	<i>BMC Plant Biology</i>	2010. 10:18	3.774	北京林业大学	北京林业大学
			Evolution and biogeographic diversification of the witch-	<i>Molecular</i>			生物多样性	中国科学院

10	XIE, L., F. S. YI, K. LI, D. Z. LI, AND J. WEN.	Y. S. YI	hazel genus (<i>Hamamelis</i> L., Hamamelidaceae) in the Northern Hemisphere.	<i>Phylogenetics and Evolution</i>	2010	3.77	及生物地理重点实验室	中国科学院昆明植物研究所
11	Jun Lu, Di Feng Ren, Jian Zhong Wang, Hiroo Sanada and Yukari Egashira.	任迪峰	Protection by dietary <i>Spirulina platensis</i> against D-galactosamine and acetaminophen-induced liver injuries	<i>British Journal of Nutrition</i>	2010	3.446	北京林业大学	北京林业大学
12	Li, Q., Z. W. Huang, M. Xu, C. G. Wang, J. Y. Gai, Y. J. Huang, X. M. Pang, R. L. Wu	邹荣领	Functional mapping of genotype-environment interactions for soybean growth by a semiparametric approach	<i>Plant Methods</i>	2010, 6:13	2.98	北京林业大学 (单位排名第6)	北京林业大学
13	Deqiang Zhang, Qingzhang Du, Baolma Xu, Zhiyi Zhang and Bailian Li	张艳强 李百炼	The actin multigene family in <i>Populus</i> : organization, expression and phylogenetic analysis	<i>Molecular Genetics and Genomics</i>	2010	2.579	北京林业大学	北京林业大学
14	Tan Y, Li K, Hu L, Chen S, GAI Y, Jiang XN	蒋海宁	Fast and Simple Droplet Sampling of Sap from Plant Tissues and Capillary Microextraction of Soluble Saccharides for Picogram-Scale Quantitative Determination with GC-MS	<i>J. Agric. Food Chem.</i>	2010, 58: 9931—9935	2.469	北京林业大学	北京林业大学
15	张和臣, 尹依伦, 夏新莉	夏新莉 尹依伦	Shaker-like potassium channels in <i>Populus</i> , regulated	<i>Plant Cell Rep</i>	2010, 29:1007—1012	2.301	北京林业大学	北京林业大学
16	Berg, A., Q. L. He, Y. Shen, Y. Chen, M. R. Huang, R. L. Wu	邹荣领	Trilocus disequilibrium analysis of multiallelic markers in outcrossing populations	<i>Statistical Applications in Molecular Genetics and Biology</i>	2010, 9(1): Article 16	2.247	北京林业大学为并列第一单位	北京林业大学
17	Wu, S., J. Yang, R. L. Wu	邹荣领	Genetic mapping of quantitative trait loci in a non-equilibrium population	<i>Statistical Applications in Molecular Genetics and Biology</i>	2010, 9(1): Article 32	2.247	北京林业大学为并列第一单位	北京林业大学
18	Chen S (陈少良), Polle A	Polle A	Salinity tolerance of <i>Populus</i>	<i>Plant Biology</i>	doi:10.1111/j.1438-8677.2009.00301.x	2.223	北京林业大学	德国哥廷根大学
19	Han Song Di Liu Xin Chen Zehua Ying Bo Zhang Fenglan Li Hai Lu	陆海	Change of season-specific telomere lengths in <i>Ginkgo biloba</i> L.	<i>Mol Biol Rep</i>	2010	2.04	北京林业大学	北京林业大学
20	Song,Han., Liu, Di (刘焱), Chen, Xin., Ying, Zehua., Zhang, Bo., Li, Fenglan., Lu, Hai (陆海)	刘焱、陆海	Change of season-specific telomere lengths in <i>Ginkgo biloba</i> L.	<i>Molecular Biology Reports</i>	2010	2.038	北京林业大学	北京林业大学
21	王君, 康向阳, 宋旗	康向阳	Variation in pollen formation and its cytological mechanism in an allotriploid white poplar.	<i>Tree Genetics and Genomes</i>	2010	2.018	北京林业大学	北京林业大学
22	Deqiang Zhang, Xiaolui Yang, Zhiyi Zhang and Bailian Li	张艳强 李百炼	Expression and nucleotide diversity of the poplar <i>COBI</i> gene	<i>Tree Genetics and Genomes</i>	2010	2.018	北京林业大学	北京林业大学
23	Deqiang Zhang, Baolma Xu, Xiaolui Yang, Zhiyi Zhang and Bailian Li	张艳强 李百炼	The sucrose synthase gene family in <i>Populus</i> : structure, expression, and evolution	<i>Tree Genetics and Genomes</i>	2010	2.018	北京林业大学	北京林业大学
24	Ma X, Deng L, Li JK, Zhou X, Li N, Zhang D, Lu Y, Wang R, Sun J, Lu C, Zheng X, Fritz E, Hüttermann A, Chen S	陈少良	Effect of NaCl on leaf H ⁺ -ATPase and the relevance to salt tolerance in two contrasting poplar species.	<i>Trees: Structure and Function</i>	2010, 24:597—607	1.603	北京林业大学	北京林业大学
25	Ruiling Liu, Meiqin Liu, Jie Liu, Yuzhen Chen, Yiyin Chen, Cunfu Lu	卢存福	Heterologous expression of a <i>Ammodendron mongolicum</i> late embryogenesis abundant protein gene (<i>AmLEA</i>) enhances <i>Escherichia coli</i> viability under cold and heat stress	<i>Plant Growth Regulation</i>	2010	1.53	北京林业大学	北京林业大学
26	陈金焱, 孙燕, 孙芳, 夏新莉, 尹依伦	夏新莉 尹依伦	Tobacco plants ectopically expressing the <i>Ammodendron mongolicum</i> <i>AmCBL1</i> gene display enhanced tolerance to multiple abiotic stresses	<i>Plant Growth Regul</i>	DOI 10.1007/s10725-010-9523-4	1.53	北京林业大学	北京林业大学
27	Ji-Ren Chen, Jing-Jing Lv, Rong Liu, Xing-Yao Xiong, Tian-xiang Wang, Shou-Yi Chen, Lan Bin Cao, Hua	王华芳	DREB1C from <i>Medicago truncatula</i> enhances freezing tolerance in transgenic <i>M. truncatula</i> and <i>China Rose</i> (<i>Rosa chinensis</i>)	<i>Plant Growth Regulation</i>	2010, 60(3): 199-211	1.503	北京林业大学	北京林业大学

	Chen, Lan-Din Guo, Hua-Fang Wang		truncata and China rose (<i>Rosa chinensis</i> Jacq.)					
28	JinFeng Zhang, ZunZheng Wei, Dan Li, Bailian Li	张金凤 李百炼	Using SSR markers to study the mechanism of 2n pollen formation in <i>Populus × euramericana</i> (Dode) Guinier and <i>P. × popularis</i>	<i>Ann. For. Sci.</i>	2009. 66: 506 (p1-p10) (2009年报未登记)	1.441	北京林业大学	北京林业大学
29	Ruohan Wang, Hui Jia, Jianzhong Wang, *Zhixiang Zhang	张志翔	Flowering and pollination patterns of <i>Magnolia demdata</i> with emphasis on anatomical changes in ovule and seed development	<i>Flora</i>	2010. 205(4), pp 259-265	1.439	北京林业大学	北京林业大学
30	张正海, 康向阳	康向阳	Cytological characteristics of numerically unreduced pollen production in <i>Populus tomentosa</i> Carr.	<i>Euphytica</i>	2010. 173:151—159	1.41	北京林业大学	北京林业大学
31	Ming Zhang, Jia Jin Zhuo, Xu Wang, Sen Wu and Xiao-Feng Wang	汪晓峰	Optimizing Seed Water Content: Relevance to Storage Stability and Molecular Mobility	<i>Journal of Integrative Plant Biology</i>	2010, 52 (3): 324—331	1.395	北京林业大学	北京林业大学
32	Weiqi Chen, Ying Gai, Shichang Liu, Renxiao Wang and Xiangning Jiang	蒋湘宁	Quantitative Analysis of Cytokinins in Plants by High Performance Liquid Chromatography: Electrospray Ionization Ion Trap Mass Spectrometry	<i>Journal of Integrative Plant Biology</i>	2010, 52 (10): 925—932	1.395	北京林业大学	北京林业大学
33	Wei Li, Hui Li, Harry Wu, Xiao-yang Chen	陈晓阳	Use of chromosome walking in discovery of single-nucleotide polymorphism in noncoding regions of a candidate <i>actin</i> gene in <i>Pinus radiata</i>	<i>Journal of Applied Genetics</i>	2010	1.324	北京林业大学	华南农业大学
34	Sun J, Li L, Lin M, Wang M, Ding M, Deng S, Lu C, Zhou X, Shen X, Zheng X, Chen S	陈少良	Hydrogen peroxide and nitric oxide mediate K^+/Na^+ homeostasis and antioxidant defense in NaCl-stressed callus cells of two contrasting poplars	<i>Plant Cell, Tissue and Organ Culture</i>	2010. 103:205-215	1.271	北京林业大学	北京林业大学
35	X. M. Pang, K. Nada, T. Kurosawa, Y. Ban, T. Moriguchi	庞晓明	Effect of methylglyoxal bis-(guanyldrazone) on polyamine and ethylene biosynthesis of apple fruit after harvest	<i>Acta Physiol Plant</i>	2010. 32:1005—1010	1.232	北京林业大学	University of Tsukuba
36	Shi Y, Li J, Shao J, Deng S, Wang R, Li N, Sun J, Zhang H, Zhu H, Zhang Y, Zheng X, Zhou D, Hüttermann A, Chen S	陈少良	Effects of Stockosorb and Luqasorb polymers on salt and drought tolerance of <i>Populus popularis</i> .	<i>Scientia Horticulturae</i>	2010. 124: 268—273	1.197	北京林业大学	北京林业大学
37	Fuhua Bian, Caixia Zheng, Funing Qu, Xueqin Gong, Cuirong You	郑彩霞	Proteomic Analysis of Somatic Embryogenesis in <i>Cyclamen persicum</i> Mill	<i>Plant Mol Biol Rep</i>	2010. 28:22—31	1.029	观烟台大学, 原北林博士生	北京林业大学
38	Yun Li, Guojun Zhang, Jinzhong Jiang.	李云	Tetraploid black locust, a promising tree resource for biomass energy and forage	<i>In Vitro Cell Dev. Biol.-Plant</i>	2009 (2009年报未登记)	0.85	北京林业大学	北京林业大学
39	Li Yun, Sun Yuhan, Wang Yan, Cheng Jinxin, Hu Junyan	李云	Preliminary Study on the Lower Mutation Rate of Unreduced Microspore in <i>Ginkgo biloba</i> Induced by Colchicines	<i>In Vitro cellular & Developmental Biology-Animal</i>	2010	0.791	北京林业大学	北京林业大学
40	王君, 康向阳, 李代丽	康向阳	Induction of diploid eggs with colchicine during embryo sac development in <i>Populus</i> .	<i>Silvae Genetica</i>	2010	0.543	北京林业大学	北京林业大学
41	Li, X, Yang, Y.Q., Zhang, M. and Wang, X.F	汪晓峰	Effect of PEG priming on plasma membrane H ⁺ -ATPase activities and mitochondrion function in soybean seeds	<i>Seed Sci. & Technol</i>	2010	0.503	北京林业大学	北京林业大学
42	Lin, Qin-Wen, *Zhang, Zhi-Xiang	张志翔	<i>Microtropis longicarpa</i> and <i>M. daweshanensis</i> (Celastraceae), two new species from Yunnan, China	<i>Annales Botanici Fennici</i>	2010. 47(2), pp 141-147	0.361	北京林业大学	北京林业大学