

## 2013 年发表 SCI 论文情况

序号	论文名称	第一作者	通讯作者	出版物名称	影响因子 2012
1.	Statistical resolution of missing longitudinal data in clinical pharmacogenomics	王忠	邬荣领	<i>Advanced Drug Delivery Reviews</i> ,2013.65(7): 980-986	12.888
2.	Probing plasma membrane dynamics at the single-molecule level	李晓娟	林金星	<i>Trends in Plant Science</i> ,2013.18(11):617-624	11.808
3.	Reconstructing regulatory networks from the dynamic plasticity of gene expression by mutual information	王建新	邬荣领	<i>Nucleic Acids Research</i> ,2013.41(8):e97	8.278
4.	Two highly validated SSR multiplexes (8-plex) for Euphrates' poplar, <i>Populus euphratica</i> (Salicaceae)	徐芳	杜芳	<i>Molecular Ecology Resources</i> ,2013.13(1):144-153	7.432
5.	The regulation of cambial activity in Chinese fir ( <i>Cunninghamia lanceolata</i> ) involves extensive transcriptome remodeling	邱宗波	林金星	<i>New Phytologist</i> ,2013.199(3):708-719	6.736
6.	Polymorphic simple sequence repeat (SSR) loci within cellulose synthase (PtoCesA) genes are associated with growth and wood properties in <i>Populus tomentosa</i>	杜庆章	张德强	<i>New Phytologist</i> ,2013.197(3):763-776	6.736
7.	<i>Arabidopsis</i> FRS4/CPD25 and FHY3/CPD45 work cooperatively to promote the expression of the chloroplast division gene ARC5 and chloroplast division.	高岳芳	高宏波	<i>The Plant Journal</i> ,2013.75(5):795-807	6.580

8.	Genetic Diversity and Population Structure in Chinese Indigenous Poplar ( <i>Populus simonii</i> ) Populations Using Microsatellite Markers	卫尊征	李百炼 张德强	<i>Plant Molecular Biology Reporter</i> ,2013.31(3):620-632	5.319
9.	NF-YB Family Genes Identified in a Poplar Genome-wide Analysis and Expressed in <i>Populus euphratica</i> Are Responsive to Drought Stress	严东辉	夏新莉 尹伟伦	<i>Plant Molecular Biology Reporter</i> ,2013.31(2):363-370	5.319
10.	Genome-Wide Analysis of Gene Expression in Response to Drought Stress in <i>Populus simonii</i>	陈金辉	张德强	<i>Plant Molecular Biology Reporter</i> ,2013.31(4):946-962	5.319
11.	A statistical procedure to map high-order epistasis for complex traits	庞晓明	邬荣领	<i>Briefings in Bioinformatics</i> ,2013.14(3):302-314	5.298
12.	A dynamic framework for quantifying the genetic architecture of phenotypic plasticity	王忠	邬荣领	<i>Briefings in Bioinformatics</i> ,2013.14(1):82-95	5.298
13.	A unifying framework for bivalent multilocus linkage analysis of allotetraploids	杨晓霞	邬荣领	<i>Briefings in Bioinformatics</i> ,2013.14(1):96-108	5.298
14.	<i>Populus euphratica</i> XTH overexpression enhances salinity tolerance by the development of leaf succulence in transgenic tobacco plants	韩彦莎	陈少良	<i>Journal of Experimental Botany</i> ,2013.64(14):4225-4238	5.242
15.	Proper gibberellin localization in vascular tissue is required to regulate adventitious root development in tobacco	钮世辉	李伟 陈晓阳	<i>Journal of Experimental Botany</i> ,2013.64(11):3411-3424	5.242
16.	Overexpression of the poplar NF-YB7 transcription factor confers drought tolerance and improves water-use efficiency in <i>Arabidopsis</i>	韩潇	夏新莉	<i>Journal of Experimental Botany</i> ,2013.64(14):4589-4601	5.242

17.	The nitrate transporter NRT2.1 functions in the ethylene response to nitrate deficiency in Arabidopsis	郑冬超	夏新莉	<i>Plant Cell and Environment</i> ,2013.36(7):1328-1337	5.135
18.	Development and Application of Microsatellites in Candidate Genes Related to Wood Properties in the Chinese White Poplar ( <i>Populus tomentosa</i> Carr.)	杜庆章	张德强	<i>DNA Research</i> ,2013.20(1):31-44	4.425
19.	Transcriptome characterisation of <i>Pinus tabuliformis</i> and evolution of genes in the <i>Pinus</i> phylogeny	钮世辉	李伟	<i>Bmc Genomics</i> .2013.14:263	4.397
20.	De novo sequencing and transcriptome analysis of the desert shrub, <i>Ammopiptanthus mongolicus</i> , during cold acclimation using Illumina/Solexa	庞涛	夏新莉	<i>Bmc Genomics</i> ,2013.14:488	4.397
21.	Identification of drought-responsive and novel <i>Populus trichocarpa</i> microRNAs by high-throughput sequencing and their targets using degradome analysis	帅鹏	尹伟伦	<i>Bmc Genomics</i> ,2013.14:233	4.397
22.	Mapping shape quantitative trait loci using a radius-centroid-contour model	付高	邬荣领	<i>Heredity</i> ,2013,110.511-519	4.110
23.	Simultaneous determination of 24 or more acidic and alkaline phytohormones in femtomole quantities of plant tissues by high-performance liquid chromatography–electrospray ionization–ion trap mass spectrometry	刘士畅	蒋湘宁 盖颖	<i>Analytical Bioanalytical Chemistry</i> ,2013,405(4):1257-1266.	3.776
24.	Identification and Characterization of the <i>Populus</i> AREB/ABF Subfamily.	季乐翔	安新民	<i>Journal of Integrative Plant Biology</i> ,2013.55(2):177-186	3.75

25.	Impact of Geography and Climate on the Genetic Differentiation of the Subtropical Pine <i>Pinus yunnanensis</i>	毛建丰	王晓茹	<i>Plos One</i> ,2013.	3.73
26.	Exploiting the Transcriptome of Euphrates Poplar, <i>Populus euphratica</i> (Salicaceae) to Develop and Characterize New EST-SSR Markers and Construct an EST-SSR Database	杜芳	杜芳	<i>Plos One</i> ,2013.8(4): e61337	3.730
27.	Proteomic Analysis of the Low Mutation Rate of Diploid Male Gametes Induced by Colchicine in <i>Ginkgo biloba</i> L.	杨妮娜	李云	<i>Plos One</i> ,2013.8(10)	3.730
28.	The UDP-Glucuronate Decarboxylase Gene Family in <i>Populus</i> : Structure, Expression, and Association Genetics	杜庆章	张德强	<i>Plos One</i> ,2013.8(4):e60880	3.730
29.	Variation in Genomic Methylation in Natural Populations of Chinese White Poplar	马开峰	张德强	<i>Plos One</i> ,2013.8(5):e63977	3.730
30.	Sexual Dimorphism Floral MicroRNA Profiling and Target Gene Expression in Andromonoecious Poplar ( <i>Populus tomentosa</i> )	宋跃朋	张德强	<i>Plos One</i> ,2013.8(5):e62681	3.730
31.	Transcriptome Analysis of Yellow Horn ( <i>Xanthoceras sorbifolia</i> Bunge): A Potential Oil-Rich Seed Tree for Biodiesel in China	刘玉林	李伟 张志翔	<i>Plos One</i> ,2013.8(9): e74441.	3.7
32.	Haploid plants from anther cultures of poplar ( <i>Populus x beijingensis</i> )	李英	安新民	<i>Plant Cell Tissue and Organ Culture</i> ,2013.114(1):39-48	3.633

33.	Overexpression of PeHSF mediates leaf ROS homeostasis in transgenic tobacco lines grown under salt stress conditions	申泽丹	陈少良	<i>Plant Cell Tissue and Organ Culture</i> ,2013.115(3):299-308	3.633
34.	Overexpression of a poplar two-pore K <sup>+</sup> channel enhances salinity tolerance in tobacco cells	王菲菲	陈少良	<i>Plant Cell Tissue and Organ Culture</i> ,2013.112(1):19-31	3.633
35.	Production of salidroside and tyrosol in cell suspension cultures of <i>Rhodiola crenulata</i>	史玲玲	刘玉军	<i>Plant Cell Tissue and Organ Culture</i> ,2013.114(3):295-303	3.633
36.	<i>Populus euphratica</i> : the transcriptomic response to drought stress	汤沙	夏新莉	<i>Plant Molecular Biology</i> ,2013.83(6):539-557	3.518
37.	Global identification of miRNAs and targets in <i>Populus euphratica</i> under salt stress	李博生	尹伟伦	<i>Plant Molecular Biology</i> ,2013.81(6):525-539	3.518
38.	Sexual dimorphic floral development in dioecious plants revealed by transcriptome, phytohormone, and DNA methylation analysis in <i>Populus tomentosa</i>	宋跃朋	张德强	<i>Plant Molecular Biology</i> ,2013.83(6):559-576	3.518
39.	$\gamma$ -Aminobutyric acid (GABA) homeostasis regulates pollen germination and polarized growth in <i>Picea wilsonii</i>	凌宇	林金星	<i>Planta</i> ,2013.238(5):831–843	3.347
40.	An EST dataset for <i>Metasequoia glyptostroboides</i> buds: the first EST resource for molecular genomics studies in <i>Metasequoia</i>	赵莹	夏新莉 尹伟伦	<i>Planta</i> ,2013.237(3):755-770	3.347
41.	Identification and characterization of salt-responsive microRNAs in <i>Populus tomentosa</i> by high-throughput sequencing	任媛媛	王延伟	<i>Biochimie</i> ,2013.95(4):743-750	3.142

42.	Screening of Lactobacillus strains for their ability to bind Benzo(a)pyrene and the mechanism of the process	赵宏飞	张柏林	<i>Food and Chemical Toxicology</i> ,2013.59:67-71	3.010
43.	Optimized GC-MS Method To Simultaneously Quantify Acetylated Aldose, Ketose, and Alditol for Plant Tissues Based on Derivatization in a Methyl Sulfoxide/1-Methylimidazole System	李科	盖颖	<i>Journal of Agricultural and Food Chemistry</i> ,2013.61(17):4011-4018	2.906
44.	Exogenous hydrogen peroxide, nitric oxide and calcium mediate root ion fluxes in two non-secretor mangrove species subjected to NaCl stress	鲁彦君	陈少良	<i>Tree Physiology</i> ,2013.33(1):81-95	2.853
45.	Sensory organs of the antenna of two Fannia species (Diptera: Fanniidae)	张东	张东	<i>Parasitology Research</i> ,2013.112(6):2177-2185	2.852
46.	Overexpression of PeHA1 enhances hydrogen peroxide signaling in salt-stressed Arabidopsis	王美娟	陈少良	<i>Plant Physiology and Biochemistry</i> ,2013.71:37-48	2.775
47.	Sense-, antisense- and RNAi-4CL1 regulate soluble phenolic acids, cell wall components and growth in transgenic Populus tomentosa Carr.	田晓明	盖颖 蒋湘宁	<i>Plant Physiology and Biochemistry</i> ,2013.65:111-119	2.775
48.	Metabolites of Ammopiptanthus mongolicus induced by Orgyia ericae attack and mechanical wounding	孙敬茹	沈应柏	<i>Plant Physiology And Biochemistry</i> ,2013.69:101-107	2.775
49.	Genetic mapping and isolation of two arc3 alleles in Arabidopsis	潘登	高宏波	<i>Plant Cell Reports</i> ,2013.32(1):173-182	2.509
50.	Exon skipping of AGAMOUS homolog PrseAG in developing double flowers of Prunus lannesiana (Rosaceae)	刘志雄	陆海	<i>Plant Cell Reports</i> ,2013.32(2):227-237	2.509

51.	The calcium sensor PeCBL1, interacting with PeCIPK24/25 and PeCIPK26, regulates Na <sup>+</sup> /K <sup>+</sup> homeostasis in <i>Populus euphratica</i>	张和臣	夏新莉	<i>Plant Cell Reports</i> ,2013.32(5): 611-621	2.509
52.	The low fertility of Chinese white poplar: dynamic changes in anatomical structure, endogenous hormone concentrations, and key gene expression in the reproduction of a naturally occurring hybrid	马开峰	张德强	<i>Plant Cell Reports</i> ,2013.32(3):401-414	2.509
53.	The SUPERMAN gene family in <i>Populus</i> : nucleotide diversity and gene expression in a dioecious plant	宋跃朋	张德强	<i>Plant Cell Reports</i> ,2013.32(8):1277-1288	2.509
54.	Transcriptome profiling reveals differential transcript abundance in response to chilling stress in <i>Populus simonii</i>	宋跃朋	张德强	<i>Plant Cell Reports</i> ,2013.32(9): 1407-1425	2.509
55.	Analysis of the spatial and temporal expression pattern directed by the <i>Populus tomentosa</i> 4-coumarate:CoA ligase Pto4CL2 promoter in transgenic tobacco	潘翔	陆海	<i>Molecular Biology Reports</i> ,2013.40(3):2309-2317	2.506
56.	Functional divergence and catalytic properties of dehydroascorbate reductase family proteins from <i>Populus tomentosa</i>	唐振鑫	杨海灵	<i>Molecular Biology Reports</i> ,2013.40(8):5105-5114	2.506
57.	A novel calcium-dependent protein kinase gene from <i>Populus euphratica</i> , confers both drought and cold stress tolerance	陈金焕	夏新莉 尹伟伦	<i>Biochemical and Biophysical Research Communications</i> ,2013,441(3):630-636	2.5
58.	Optimization of extraction and enrichment of phenolics from pomegranate ( <i>Punica granatum</i> L.) leaves	王彩云	马超 刘玉军	<i>Industrlal Crops and Products</i> ,2013.42:587-594	2.468

59.	A Novel Moderate Constitutive Promoter Derived from Poplar ( <i>Populus tomentosa</i> Carriere)	陈仲	安新民	<i>International Journal of Molecular Sciences</i> ,2013.14(3):6187-6204	2.464
60.	Two novel diacylglycerol acyltransferase genes from <i>Xanthoceras sorbifolia</i> are responsible for its seed oil content	郭惠红	郭惠红	<i>Gene</i> ,2013.527(1):260-274	2.196
61.	Comparative analysis of cation/proton antiporter superfamily in plants	叶楚玉	夏新莉	<i>Gene</i> ,2013.521(2): 245-251	2.196
62.	<i>Paenibacillus catalpae</i> sp nov., isolated from the rhizosphere soil of <i>Catalpa speciosa</i>	张建	马玉超	<i>International Journal Of Systematic And Evolutionary Microbiology</i> ,2013.63:1776-1781	2.112
63.	Temperature regulation of floral buds and floral thermogenicity in <i>Magnolia denudata</i> (Magnoliaceae)	王若涵	王若涵	<i>Trees-Structure and Function</i> ,2013.27(6):1755-1762	1.925
64.	Sensilla on antenna and maxillary palp of predaceous fly, <i>Lispe neimongola</i> Tian et Ma (Diptera: Muscidae)	张东	李凯	<i>Micron</i> ,2013.39:33-39	1.876
65.	Allelic Variation in a Cellulose Synthase Gene (PtoCesA4) Associated with Growth and Wood Properties in <i>Populus tomentosa</i>	杜庆章	张德强	<i>G3: Genes, Genomes, Genetics</i> ,2013.3(11):2069-2084	1.794
66.	Characterization of Soybean Protein Hydrolysates able to Promote the Proliferation of <i>Streptococcus Thermophilus</i> ST	赵宏飞	张柏林	<i>Journal of Food Science</i> ,2013.78(4):M575-M581	1.775
67.	Seasonal Changes in Immunoreactivity of Inhibin/Activin Subunits in the Epididymis of Wild Ground Squirrels ( <i>Citellus dauricus</i> Brandt)	张梦远	许美玉	<i>Journal of Reproduction and Development</i> ,2013.59(3):302-307	1.755



68.	Immunomodulatory Activity and Protective Effects of Polysaccharide from Eupatorium adenophorum Leaf Extract on Highly Pathogenic H5N1 Influenza Infection	金一	谢响明	<i>Evidence-Based Complementary and Alternative Medicine</i> .2013.	1.722
69.	Two poplar calcineurin B-like proteins confer enhanced tolerance to abiotic stresses in transgenic <i>Arabidopsis thaliana</i>	李旦旦	夏新莉	<i>Biologia Plantarum</i> ,2013.57(1): 70-78	1.692
70.	Evolutionary analysis of CBL-interacting protein kinase gene family in plants	叶楚玉	夏新莉	<i>Plant Growth Regulation</i> ,2013.71(1):49-56	1.670
71.	Genotypic parameters of wood density and fiber traits in triploid hybrid clones of <i>Populus tomentosa</i> at five clonal trials	吴峰	康向阳	<i>Annals of Forest Science</i> ,2013.70(7):751-759	1.630
72.	Icariside II Reduces Testosterone Production by Inducing Necrosis in Rat Leydig Cells	刘锦文	刘树强	<i>Journal of Biochemical and Molecular Toxicology</i> ,2013.27(4):243-250	1.596
73.	cDNA CLONING AND SEQUENCE DETERMINATION OF THE PHEROMONE BIOSYNTHESIS ACTIVATING NEUROPEPTIDE FROM THE SEABUCKTHORN CARPENTERWORM, <i>Holcocerus hippophaecolus</i> (LEPIDOPTERA: COSSIDAE)	李娟	翁强	<i>Archives of Insect Biochemistry and Physiology</i> ,2013.82(4):183-195	1.515
74.	Microsatellite and mitochondrial DNA assessment of the genetic diversity of captive Saiga antelopes ( <i>Saiga tatarica</i> ) in China	赵莎莎	胡德夫	<i>Chinese Science Bulletin</i> ,2013.58(18):2163-2167	1.319
75.	Identification of genes associated with fruit ripening in <i>Ziziphus jujuba</i> using suppression subtractive hybridization approach	林星谷	庞晓明	<i>Acta Physiologiae Plantarum</i> ,2013.35(6) :1997-2008	1.305

76.	Use of beta-galactosidase liposome model as a novel method to screen freeze-drying cryoprotectants	孙晓琦	张柏林	<i>World Journal of Microbiology &amp; Biotechnology</i> ,2013.29(10):1907-1912	1.262
77.	Tetraploid production through zygotic chromosome doubling in Populus	王君	王君	<i>Silva Fennica</i> ,2013.47(2)	1.140
78.	Conservation genetics of <i>Annamocarya sinensis</i> (Dode) Leroy, an endangered endemic species	Z. Y. Zhang,	李颖岳	<i>Genetics and Molecular Research</i> ,2013.12(3):3965-3974	1.108
79.	Development and characterization of new microsatellites for walnut ( <i>Juglans regia</i> )	Z. Y. Zhang,	李颖岳	<i>Genetics and Molecular Research</i> ,2013,12(4):4723-4734	1.108
80.	Genetic control of fiber properties and growth in triploid hybrid clones of <i>Populus tomentosa</i>	张平东	康向阳	<i>Scandinavian Journal of Forest Research</i> ,2013.28(7):621-630	1.065
81.	Induction of 2n female gametes in <i>Populus adenopoda</i> Maxim by high temperature exposure during female gametophyte development	鲁敏	康向阳	<i>Breeding Science</i> ,2013.63(1):96-103	1.040
82.	Machilusmarin, a new neuroprotective isocoumarin dimer from the stems of <i>Machilus ichangensis</i> Rehd. et Wils.	程凡	邹昆	<i>Natural Product Research</i> ,2013.27(17):1542-1547	1.031
83.	Evidence for inbreeding depression in the tree <i>Robinia pseudoacacia</i> L. (Fabaceae)	袁存权	李云	<i>Genetics and Molecular Research</i> , 2013, 12(4):6249-6256	0.994
84.	Female gametophyte development	郭爱	郑彩霞	<i>Journal of Plant Biology</i> ,2013.56(6):345-356	0.990

85.	Cancellidium and Canalisporium (Hyphomycetes) from China	赵国柱	赵国柱	<i>Nova Hedwigia</i> ,2013.96: 221-236	0.809
86.	The effect of tetraploid Robinia pseudoacacia leaf meal on performance, egg quality, and nutrient digestibility in laying hens	Zhang, G. J.	李云	JOURNAL OF ANIMAL AND FEED SCIENCES	0.757
87.	Microbial community structure and diversity in the soil spatial profile of 5-year-old Robinia pseudoacacia 'Idaho,' determined by 454 sequencing of the 16S RNA gene	昌艳萍	王华芳	JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY	0.743
88.	Development of novel microsatellite markers for Pinus yunnanensis and their cross amplification in congeneric species	许玉兰	康向阳	<i>Conservation Genetics Resources</i> ,2013.5(4):1113-1114	0.708
89.	PHYTOHORMONE AND ASSIMILATE PROFILES IN EMASCULATED FLOWERS OF THE BLACK LOCUST (ROBINIA PSEUDOACACIA) DURING DEVELOPMENT	孙鹏	李云	<i>Acta Biologica Hungarica</i> ,2013.64(3):364-376	0.504
90.	PLANT REGENERATION FROM MATURE ZYGOTIC EMBRYO EXPLANTS OF ACACIA CRASSICARPA A. CUNN EX BENTH. VIA ADVENTITIOUS SHOOTS	姚冬琳	谢响明	<i>Propagation of Ornamental Plants</i> ,2013.13(2): 86-92	0.492
91.	Alimentary canal of the lesser house fly, Fannia canicularis (Linnaeus) (Diptera: Fanniidae)	陈一欧	张东	<i>Entomologica Fennica</i> ,2013.24(1):35-42	0.410

92.	Antibacterial Activity of Elephant Garlic and Its Effect against U2OS Human Osteosarcoma Cells	黄泽浩	任建武	IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES	0.243
93.	His-234 is an Essential Residue for Populus tomentosa 4-coumarate : CoA Ligase Enzymatic Mechanisms.	任百光	蒋湘宁	<i>Progress in Biochemistry and Biophysics</i> , 2013.40(11), 1165-1172	0.193