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科学研究

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## 2014年度发表SCI论文清单

时间:2015-05-04 来源:未知 作者:超级管理

序号	文章题目	期刊	年,卷(期):页码	通讯作者
1	Complete Proteomic-Based Enzyme Reaction and Inhibition Kinetics Reveal How Monolignol Biosynthetic Enzyme Families Affect Metabolic Flux and Lignin in Populustrichocarpa	Plant Cell	2014,26(3):894-914	姜立泉
2	Systems Biology of Lignin Biosynthesis in Populustrichocarpa: Heteromeric 4- Coumaric Acid:Coenzyme A Ligase Protein Complex Formation, Regulation, and Numerical Modeling	Plant Cell	2014,26(3):876-93	姜立泉
3	A robust chromatin immunoprecipitation protocol for studying transcription factor—DNA interactions and histone modifications in wood-forming tissue	Nature Protocols	2014,9(9):2180-2193	姜立泉
4	A simple improved-throughput xylem protoplast system for studying wood formation	Nature Protocols	2014,9(9):2194-2205	姜立泉

5	A survey of Populus PIN-FORMED family genes reveals their diversified expression patterns	Journal of Experimental Botany	2014,65(9),2437-2448	卢孟柱
6	Designing Microarray and RNA-seq Experiments for Greater Systems Biology Discovery in Modern Plant Genomics	Molecular Plant	Published online:2014-9-	卫海荣
7	Plant biotechnology for lignocellulosic biofuel production	Plant Biotechnology Journal	2014,12(9):1174-1192	姜立泉
8	Age-related trends in genetic parameters for Larixkaempferi and their implications for early selection	BMC Genetics	2014,15(Suppl 1):S10	张守攻
9	Analysis of the leaf methylomes of parents and their hybrids provides new insight into hybrid vigor in Populusdeltoides	BMC Genetics	2014,15(Suppl 1):S8	苏晓华
10	Transcriptome sequencing of transgenic poplar ( Populus × euramericana ′ Guariento ′ ) expressing multiple resistance genes	BMC Genetics	2014,15(Suppl 1):S7	苏晓华
11	Transcriptome analysis of callus from Piceabalfouriana	BMC Genomics	2014,15:553	王军辉
12	WUSCHEL-related Homeobox genes in Populustomentosa : diversified expression patterns and a functional similarity in adventitious root formation	BMC genomics	2014,15:296	卢孟柱
13	Genome sequencing and analysis of the paclitaxel-producing endophytic fungus Penicilliumaurantiogriseum NRRL 62431	BMC Genomics	2014,15:69	邱德有
14	Transcriptome and proteome profiling of adventitious root development in hybrid larch ( Larixkaempferi × Larixolgensis )	BMC Plant Biology	2014,14:305	张守攻
15	Molecular cloning and characterization of a cytochrome P450 taxoid 9ά-hydroxylase in Ginkobiloba cells	Biochemical and Biophysical Research Communications	2014,443(3): 938-943	邱德有
16	Effects of Tree Age and Bole Section on Pulpwood of Korean Spruce (PiceakoraiensisNakai)	BioResources	2014,9(1):1445-1455	王军辉
17	Compression strength and modulus of elasticity parallel to the grain of oak wood at ultra-low and high temperatures	BioResources	2014,9(2):3571-3579	吕建雄
18	Relationship between ring width and tracheid characteristics in Piceacrassifolia: implication in dendroclimatology	BioResources	2014,9(2):2203-2213	吕建雄
19	Cell wall property changes of white rot larch during decay process	BioResources	2014,9(3):4297- 4310	吕建雄
20	Tree mortality in response to climate change induced drought across Beijing, China	Climatic Change	Published online:2014-4- 26	张建国

21	A New Dominant Gene Conditions Early Flowering and Maturity in Soybean	Crop Science	2014,54:2529-2535	李莹(参与)
22	Analysis of genetic effects on a complete diallel cross test of Betulaplatyphylla	Euphytica	2014,200(2):221-229	刘桂丰
23	Shade tolerance plays an important role in biomass production of different poplar genotypes in a high-density plantation	Forest Ecology and Management	2014,331:40-49	苏晓华
24	The Application of Bayesian Model Averaging in Compatibility of Stand Basal Area for Even-Aged Plantations in Southern China	Forest Science	2014,60(4):645-651	张建国
25	Isolation, characterization and expression analysis of the BABY BOOM (BBM) gene from Larixkaempferi × L. olgensis during adventitious rooting	Gene	2014,551:111-118	张守攻
26	Identification of suitable reference genes in buffalo grass for accurate transcript normalization under various abiotic stress conditions	Gene	2014,547:55-62	孙振元
27	A novel set of single-copy nuclear DNA markers for the genetic study of Salicaceae	Genetics and Molecular Research	2014,13 (3): 4911-4917	张建国
28	Expression analysis of VfDGAT2 in various tissues of the tung tree and in transgenic yeast	Genetics and Molecular Research	2013,12(4):6554-6564	汪阳东
29	Anatomical, chemical and mechanical properties of fast-growing Populus × euramericana cv. '74/76'	IAWA Journal	2014,35(2): 158-169	吕建雄
30	Callus induction and plant regeneration from anthers of DendrocalamuslatiflorusMunr	In Vitro Cellular & Developmental Biology–Plant	2013,49(4):375-382	卓仁英
31	Enhanced tolerance to cold stress of transgenic Dendrocalamuslatiflorus Munro (Ma bamboo) plants expressing a bacterial codA gene	In Vitro Cellular & Developmental Biology–Plant	2014,50(4):385-391	卓仁英
32	Isolation and identification of a salt- inducible gene encoding a putative NAC- binding transcription factor from Poapratensis	Indian Journal of Genetics and Plant Breeding	2013,73(4):426-433	孙振元
33	Shotgun Bisulfite Sequencing of the Betulaplatyphylla Genome Reveals the Tree's DNA Methylation Patterning.	Int J Mol Sci.	2014,15(12):22874-86.	杨传平 王玉成
34	Elucidation of the specific formation of homo- and heterodimeric forms of ThbZIP1 and its role in stress.	Int J Mol Sci.	2014,15(6):10005-17.	王玉成
35	Improved salt tolerance of Populusdavidiana × P. bolleana overexpressed LEA from Tamarixandrossowii	Journal of Forestry Research	2014,25(4):813-818	刘桂丰

36	Genetic variation and selection of introduced provenances of Pine (Pinussibirica) in frigid regions of the Greater Xing' anRange,Northeast China	Journal of Forestry Research	2014,25(3):549-556	刘桂丰
37	Somaticembryogenesis in Manchurian ash: performanceofvariousexplant stock trees, optimisationofthe basal medium, andsimplified plant growthregulatorcombinations	Journal of Horticultural Science & Biotechnology	2014,89(1):86-92	沈海龙
38	Morphological Character istics and In Situ Auxin Production during the Histogenesis of Staminate Flowers in Precocious Walnut	Journal of the American Society for Horticultural Science	2014,139(2):185-190	裴东
39	Expression Analysis of nine small Heat Shock Protein Genes from Tamarixhispida in Response to Different Abiotic Stresses and Abscisic Acid Treatment.	Mol boil Rep.	2014,41(3): 1279-1289	高彩球
40	Identification and expression analysis of salt-responsive genes using a comparative microarray approach in Salix matsudana.	Molecular biology reports	2014,41(10): 6555-6568	卓仁英
41	Development of 240 novel EST-SSRs in Eucalyptus L'He´rit	Molecular Breeding	2014,33:221-225	甘四明
42	Molecular Characterization of Carotenoid Biosynthetic Genes and Carotenoid Accumulation in Lyciumchinense.	Molecules	2014,19: 11250-11262	李成浩
43	Effects of cutting size and exogenous hormone treatment on rooting of shoot cuttings in Norway spruce [Piceaabies (L.) Karst.]	New Forests	2014,online advanced	王军辉
44	The rooting of poplar cuttings: a review	New Forests	2014,45:21-34	刘桂丰
45	Breeding System And Pollination Biology Of PaeoniaDelavayi (Peaoniaceae), An Endangered Plant In The Southwest Of China	Pakistan Journal of Botany	2014,46(5):1631-1642	王雁
46	Over-expression of the CodA gene by Rd29A promoter improves salt tolerance in Nicotianatabacum	Pakistan Journal of Botany	2013,45(3):821-827	卓仁英
47	A novel ethylene-responsive factor from Tamarixhispida, ThERF1, is a GCC-box-and DRE-motif binding protein that negatively modulates abiotic stress tolerance in Arabidopsis.	Physiol Plant.	2014 ,152(1):84-97.	王玉成
48	Transcriptomic and proteomic analyses of embryogenic tissues in Piceabalfouriana treated with 6-benzylaminopurine	Physiologia P lantarum	2014,online advanced	王军辉

49	Overexpression of Ps-CHI1, a homologue of the chalconeisomerase gene from tree peony (Paeoniasuffruticosa), reduces the intensity of flower pigmentation in transgenic tobacco	Plant Cell Tissue And Organ Culture	2014,116(3):285-295	王雁
50	Overexpression of a GST gene (ThGSTZ1) from Tamarixhispida improves drought and salinity tolerance by enhancing the ability to scavenge reactive oxygen species.	Plant cell, Tissue and organ culture.	2014,117 (1):99-112	高彩球、杨 传平
51	A Transient Transformation System for the Functional Characterization of Genes Involved in Stress Response	Plant MolBiol Rep	2014,32:732-739	王玉成
52	Comprehensive transcriptional profiling of NaHCO3-stressed Tamarixhispida roots reveals networks of responsive genes.	Plant Mol Biol.	2014,84:145-157	王玉成
53	A novel method to identify the DNA motifs recognized by a defined transcription factor	Plant Mol Biol.	2014,86:367-80	王玉成
54	Comparative Proteomics Analysis of Salix matsudanaKoidz (Chinese Willow) in Response to Salt Stress	Plant Molecular Biology Reporter	2014,32(4):814-827	卓仁英
55	Comparison and analysis of transcriptomeprofilesof haploid and diploid Populusby digital gene expression	Plant Omics	2014,7:244-252	杨静莉
56	Comparison and analysis of transcriptomeprofiles of haploid and diploid Populusby digital gene expression	Plant Omics	2014,7: 244 - 252	李成浩
57	A eukaryotic translation initiation factor 5A from Tamarixandrossowii (Tamarisk) , TaeIF5A1, can form a homodimer and interact with other proteins	Plant omics journal	2014,6:468-473	王玉成
58	Geographic distribution and origin of the chloroplast T/C-type in Quercusmongolica var. crispula in northeastern Japan	Plant Species Biology	2014,29:207-211	
59	Gene s Responsive to Elevated CO 2 Concentrations in Triploi d White Poplar and Integrated Gene Network Analysis	PLOS One	2014,9(5):e98300	张建国
60	De Novo Transcriptom e and Small RNA Analysis of Two Chinese Willow Cultivars Reveals Stress Response Genes in Salix matsudana	PLOS One	2014,9(10):e109122	张建国
61	Phylogeny Reconstruction and Hybrid Analysis of Populus (Salicaceae) Based on Nucleotide Sequences of Multiple Single- Copy Nuclear Genes and Plastid Fragments	PLOS One	2014,9(8):e103645	张建国

62	Tree Biomass Estimation of Chinese fir ( Cunninghamialanceolata ) Based on Bayes ian Method	PLOS One	2013,8(11):e79868	张建国
63	Expression and Molecular Evolution of Two DREB1 Genes in Black Poplar ( Populusnigra )	PLOS One	2014,9(6):e98334	苏晓华
64	Selection and Validation of Reference Genes for Quantitative Real-Time PCR in Hyperaccumulating Ecotype of Sedum alfredii under Different Heavy Metals Stress	PLoS One	2013,8(12): e82927	卓仁英
65	Validation of reference genes aiming accurate normalization of qRT-PCR data in Dendrocalamuslatiflorus Munro	PLoS One	2014,9(2):e87417	卓仁英
66	Microarray analysis of siberian ginseng cyclic somatic embryogenesis culture systems provides insight into molecular mechanisms of embryogenic cell cluster generation.	PLoS ONE	2014,9(4): e94959	李成浩
67	GmFT2a and GmFT5a redundantly and differentially regulate flowering through interaction with and upregulation of the bZIP transcription factor GmFDL19 in soybean	PLOS ONE	2014,9.5:1-11	李莹
68	Overexpression of two PsnAP1 Genes from Populussimonii × P. nigra Causes Early Flowering in Transgenic Tobacco and Arabidopsis	Plos one	2014,9(10): e111725	杨传平
69	Comprehensive Transcriptome Analysis of Developing Xylem Responding to Artificial Bending and Gravitational Stimuli in Betulaplatyphylla	PLoS One	2014,9(2):e87566	王玉成
70	Genome-Scale Transcriptome Analysis in Response to Nitric Oxide in Birch Cells: Implications of the Triterpene Biosynthetic Pathway	Plos one	2014,9(12): e116157	詹亚光
71	GeneticStructureandHierarchical Population DivergenceHistoryofAcer mono var. mono in South andNortheast China	PLOS ONE	2014,9(1):e87187	沈海龙
72	Comprehensive transcriptome analysis of developing xylem responding to artificial bending and gravitational stimuli in Betulaplatyphylla.	PLoS One	2014 ,9(2):e87566.	王玉成
73	Genetic stability analysis of introduced Betulapendula, Betulakirghisorum, and Betulapubescens families in saline-alkali soil of northeastern China	Scandinavian Journal of Forest Research	2014,29(7):639-649	杨传平
74	Hybridizing ability and heterosis between Eucalyptus urophylla and E. tereticornis for growth and wood density over two environments	SilvaeGenetica	2014,63(1-2):15-24	甘四明

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76	Estimating Tree Height-Diameter Models with the Bayesian Method	The Scientific World Journal	2014,Article ID 683691	张建国
77	Isolation and characterization of salt stress related genes from cDNA library of Aspergillus. glaucus CCHA	The Scientific World Journal	2014,ID:620959	卓仁英
78	Pop's Pipes: poplar gene expression data analysis pipelines	Tree Genetics & Genomes	2014,10(10):1093-1101	卫海荣
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80	The ethylene response factor (ERF) genes from Tamarixhispida respond to salt, drought and ABA treatment	Trees	2014,28(2) :317-327	高彩球
81	Drought resistance and DNA methylation of interspecific hybrids between Fraxinusmandshurica and Fraxinusamericana	Trees	2014,28:1679-1692	詹亚光
82	Cross-talk of polyamines and nitric oxide in endophytic fungus-induced betulin production in Betulaplatyphylla plantlets	Trees	2014,28:635-641	詹亚光
83	Optimization of processing variables during heat treatment of oak (Quercusmongolica) wood	Wood Science and Technology	2014,48(2): 253-267	吕建雄

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