

2014年度我院累计发表SCI收录论文情况一览(更新至2015.09.14)

序号	论文名称	第一作者	通讯作者	出版物名称	影响因子 (2013)
1	A model framework for identifying genes that guide the evolution of heterochrony	孙丽丹	邬荣领	<i>Molecular Biology and Evolution</i>	14.308
2	The cysteine protease CEP1, a key executor involved in tapetal programmed cell death, regulates pollen development in <i>Arabidopsis</i>	张丹丹	陆海	<i>Plant Cell</i>	9.575
3	A strategy for characterization of persistent heteroduplex DNA in higher plants	董春波	康向阳	<i>Plant Journal</i>	6.815
4	A synthetic framework for modeling the genetic basis of phenotypic plasticity and its costs	翟毅	邬荣领	<i>New Phytologist</i>	6.373
5	Systems mapping of genes controlling chemotherapeutic drug efficiency for cancer stem cells	吴维妙	邬荣领	<i>Drug Discovery Today</i>	5.964
6	Shape mapping: genetic mapping meets geometric morphometrics	薄文浩	邬荣领	<i>Briefings in Bioinformatics</i>	5.919
7	Systems mapping: how to map genes for biomass allocation toward an ideotype	薄文浩	邬荣领	<i>Briefings in Bioinformatics</i>	5.919
8	A case-control design for testing and estimating epigenetic effects on complex diseases	隋依含	邬荣领	<i>Briefings in Bioinformatics</i>	5.919
9	A statistical model for QTL mapping in polysomic autotetraploids underlying double reduction	徐放	邬荣领	<i>Briefings in Bioinformatics</i>	5.919
10	Genome-wide identification and functional prediction of novel and drought-responsive lincRNAs in <i>Populus</i>	帅鹏	夏新莉	<i>Journal of Experimental Botany</i>	5.794
11	Modeling phenotypic plasticity in growth trajectories: a statistical framework	王忠	邬荣领	<i>Evolution</i>	4.659
12	Comparison of the physiological effects and transcriptome responses of <i>Populus simonii</i> under different abiotic stress	宋跃朋	张德强	<i>Plant Molecular Biology</i>	4.072
13	Study of seed hair growth in <i>Populus tomentosa</i> , an important character of female floral bud development	叶美霞	安新民	<i>BMC Genomics</i>	4.041
14	A skellam model to identify differential patterns of gene expression induced by environmental signals	姜立波	邬荣领	<i>BMC Genomics</i>	4.041
15	Deep-sequencing transcriptome analysis of low temperature perception in a desert tree, <i>Populus euphratica</i>	陈金焕	夏新莉 尹伟伦	<i>BMC Genomics</i>	4.041
16	Effects of high temperature on photosynthesis and related gene expression in poplar	宋跃朋	张德强	<i>BMC Plant Biology</i>	3.942

17	Identification and characterization of nuclear genes involved in photosynthesis in <i>Populus</i>	王博文	张德强	<i>BMC Plant Biology</i>	3.942
18	Effects of stomatal development on stomatal conductance and on stomatal limitation of photosynthesis in <i>Syringa oblata</i> and <i>Euonymus japonicus</i>	吴冰洁	刘玉军	Plant Science	3.607
19	Analysis of miRNAs and their targets during adventitious shoot organogenesis of <i>Acacia crassicarpa</i>	刘伟娜	金 一	<i>PLOS ONE</i>	3.534
20	Selection of reference genes for gene expression studies in siberian apricot (<i>Prunus sibirica</i> L.) germplasm using quantitative real-time PCR	钮 俊	林善枝	<i>PLOS ONE</i>	3.534
21	De novo assembly and characterization of the fruit transcriptome of Chinese Jujube (<i>Ziziphus jujuba</i> Mill.) using 454 pyrosequencing and the development of	李颖岳	庞晓明	<i>PLOS ONE</i>	3.534
22	Isolation and characterization of microsatellite markers and analysis of genetic diversity in Chinese jujube	王思琪	庞晓明	<i>PLOS ONE</i>	3.534
23	High-level genetic diversity and complex population sstructure of siberian apricot (<i>Prunus sibirica</i> L.) in China as revealed by nuclear SSR markers	王 哲	庞晓明	<i>PLOS ONE</i>	3.534
24	Similar Metabolic Changes Induced by HIPVs Exposure as Herbivore in <i>Ammopiptanthus mongolicus</i>	孙敬茹	沈应柏	<i>PLOS ONE</i>	3.534
25	Thermogenesis, Flowering and the Association with Variation in Floral Odour Attr	王若涵	王若涵	<i>PLOS ONE</i>	3.534
26	Cloning of the Cryptochrome-Encoding PeCRY1 Gene from <i>Populus euphratica</i> and Functional Analysis in <i>Arabidopsis</i>	毛科	邬荣领	<i>PLOS ONE</i>	3.534
27	Application of a novel alkali-tolerant thermostable DyP-Type peroxidase from <i>Saccharomonospora viridis</i> DSM 43017 in biobleaching of eucalyptus kraft pulp	于王宁	谢响明	<i>PLOS ONE</i>	3.534
28	Transgenic tobacco plants overexpressing a grass <i>PpEXPI</i> gene exhibit enhanced tolerance to heat stress	徐 倩	徐吉臣	<i>PLOS ONE</i>	3.534
29	Selection occurs within linear fruit and during the early stages of reProduction in <i>Robinia pseudoacacia</i>	袁存权	李 云	<i>BMC Evolutionary Biology</i>	3.407
30	Molecular cloning and functional analysis of nine cinnamyl alcohol dehydrogenase family members in <i>Populus</i>	朝 楠	盖 颖	<i>Planta</i>	3.376
31	The fluxes of H ₂ O ₂ and O ⁻² can be used to evaluate seed germination and vigor of <i>Caragana korshinskii</i>	李家国	汪晓峰	<i>Planta</i>	3.376
32	Single nucleotide polymorphisms in a cellulose synthase gene (<i>PtoCesA3</i>) are associated with growth and wood properties in <i>Populus tomentosa</i>	徐煲铎	张德强	<i>Planta</i>	3.376
33	Identification and validation of reference genes for <i>Populus euphratica</i> gene expression analysis during abiotic stresses by quantitative real-time PCR	王厚领	夏新莉	<i>Physiologia Plantarum</i>	3.262
34	Biochemical, physiological and gene expression analysis reveals sex-specific differences in <i>Populus tomentosa</i> floral	宋跃朋	张德强	<i>Physiologia Plantarum</i>	3.262
35	Structural characterisation and antioxidant activity evaluation of phenolic compounds from cold-pressed <i>Perilla frutescens</i> var. <i>arguta</i> seed flour	周晓静	刘玉军	<i>Food Chemistry</i>	3.259

36	Salicylic acid inhibits enzymatic browning of fresh-cut Chinese chestnut (<i>Castanea mollissima</i>) by competitively inhibiting polyphenol oxidase	周 丹	欧阳杰	<i>Food Chemistry</i>	3.259
37	Salt tolerance in <i>Populus</i> : significance of stress signaling networks, mycorrhization, and soil amendments for cellular and whole-plant nutrition	陈少良	陈少良	<i>Environmental and Experimental Botany</i>	3.003
38	Overexpression of <i>Populus euphratica</i> xyloglucan endotransglucosylase/hydrolase gene confers enhanced cadmium tolerance by the	韩彦莎	陈少良	<i>Environmental and Experimental Botany</i>	3.003
39	Ion fluxes in <i>Paxillus involutus</i> -inoculated roots of <i>Populus x canescens</i> under saline stress	马旭君	陈少良	<i>Environmental and Experimental Botany</i>	3.003
40	Rapid and sensitive detection of human astrovirus in water samples by loop-mediated isothermal amplification with hydroxynaphthol blue dye	杨博云	何晓青	<i>BMC Microbiology</i>	2.976
41	Alditols and monosaccharides from sorghum vinegar can attenuate platelet aggregation by inhibiting cyclooxygenase-1 and thromboxane-A(2) synthase	李 静	范俊峰	<i>Journal of Ethnopharmacology</i>	2.939
42	Expression profiling and functional characterization of a CBL-interacting protein kinase gene from <i>Populus</i>	吕富玲	夏新莉	<i>Plant Cell Reports</i>	2.936
43	Transcriptome profiles of <i>Populus euphratica</i> upon heat shock stress	陈金焕	尹伟伦	<i>Current Genomics</i>	2.868
44	Single-nucleotide polymorphisms in <i>PtoCesA7</i> and their association with growth and wood properties in <i>Populus</i>	田佳星	张德强	<i>Molecular Genetics and Genomics</i>	2.831
45	Identification of glutathione S-transferase genes responding to pathogen infestation in <i>Populus tomentosa</i>	廖卫华	安新民	<i>Functional & Integrative Genomics</i>	2.691
46	Isolation and expression Profiles of gibberellin metabolism genes in developing male and female cones of <i>Pinus</i>	钮世辉	李 伟	<i>Functional & Integrative Genomics</i>	2.691
47	Seasonal expression of androgen receptor in scented gland of muskrat (<i>Ondatra zibethicus</i>)	卢 璐	翁 强	<i>General and Comparative Endocrinology</i>	2.674
48	Shade tolerance plays an important role in biomass production of different poplar genotypes in a high-density plantation	王宁宁	沈应柏	<i>Forest Ecology and Management</i>	2.667
49	Stem Apex Detoxification Culture Markedly Improved Several Physiological Characters of Chrysanthemum 'YUTAI'	周 燕	高述民	<i>Plant Cell Tissue and Organ Culture</i>	2.612
50	Poplar GATA transcription factor PdGNC is capable of regulating chloroplast ultrastructure, photosynthesis, and vegetative growth in Arabidopsis under varying	安 轶	夏新莉	<i>Plant Cell Tissue and Organ Culture</i>	2.612
51	Transgenic tobacco plants expressing <i>PicW</i> gene from <i>Picea wilsonii</i> exhibit enhanced freezing tolerance	刘 洁	徐吉臣	<i>Plant Cell Tissue and Organ Culture</i>	2.612
52	Single-nucleotide polymorphisms in the 5' UTR of UDP-glucose dehydrogenase (<i>PtUGDH</i>) associate with wood properties in <i>Populus tomentosa</i>	田佳星	张德强	<i>Tree Genetics & Genomes</i>	2.435
53	The role of gibberellin in the CBF1-mediated stress-response pathway	钮世辉	李 伟	<i>Plant Molecular Biology Reporter</i>	2.374
54	Molecular and catalytic properties of glutathione peroxidase family proteins from <i>Pinus tabulaeformis</i>	赵 丽	杨海灵	<i>Plant Molecular Biology Reporter</i>	2.374

55	Identification of genes differentially expressed in shoot apical meristems and in mature xylem of <i>Populus</i>	杨晓慧	张德强	<i>Plant Molecular Biology Reporter</i>	2.374
56	Association mapping for morphological and physiological traits in <i>Populus simonii</i>	卫尊征	李百炼	<i>BMC Genetics</i>	2.356
57	Genetic diversity and population structure of the Tibetan poplar (<i>Populus szechuanica</i> var. <i>tibetica</i>) along an altitude	沈登峰	邬荣领	<i>BMC Genetics</i>	2.356
58	Genome-wide analysis of salt-responsive and novel MicroRNAs in <i>Populus euphratica</i> by deep sequencing	司静娜	邬荣领	<i>BMC Genetics</i>	2.356
59	Single-base-resolution methylomes of <i>populus trichocarpa</i> reveal the association between DNA methylation and drought stress	梁丹	尹伟伦	<i>BMC Genetics</i>	2.356
60	Allelic variation within the S-adenosyl-L-homocysteine hydrolase gene family is associated with wood Properties in Chinese white poplar (<i>Populus tomentosa</i>)	杜庆章	张德强	<i>BMC Genetics</i>	2.356
61	Identification of desiccation tolerance transcripts potentially involved in rape (<i>Brassica napus</i> L.) seeds development	郎思睿	汪晓峰	<i>Plant Physiology and Biochemistry</i>	2.352
62	Proteomic analysis of etiolated juvenile tetraploid <i>Robinia pseudoacacia</i> branches during different cutting	卢楠	李云	<i>International Journal of Molecular</i>	2.339
63	Association of allelic variation in <i>PtoXET16A</i> with growth and wood properties in <i>Populus tomentosa</i>	王博文	张德强	<i>International Journal of Molecular</i>	2.339
64	A model for computing genes governing marital dissolution through sentimental dynamics	周玲华	邬荣领	<i>Journal of Theoretical Biology</i>	2.303
65	A novel bHLH transcription factor PebHLH35 from <i>Populus euphratica</i> confers drought tolerance through regulating stomatal development, photosynthesis and	董燕	夏新莉	<i>Biochemical and Biophysical Research</i>	2.281
66	Immunoreactivities of PPAR gamma 2, leptin and leptin receptor in oviduct of Chinese brown frog during breedingperiod and pre-hibernation	刘毅	翁强	<i>EUROPEAN JOURNAL OF HISTOCHEMISTRY</i>	2.237
67	Immunostimulatory Activity of Protein Hydrolysate from Oviductus Ranae on Macrophage In Vitro	黄迪	许美玉	<i>EVIDENCE-BASED COMPLEMENTARY</i>	2.175
68	Alpha-glucosidase inhibitory activity of polyphenols from the burs of <i>Castanea mollissima</i> Blume	张建伟	刘玉军	<i>Molecules</i>	2.095
69	Method development and validation for pharmacokinetic and tissue distributions of ellagic acid using ultrahigh	闫林林	马超	<i>Molecules</i>	2.095
70	Identification and characterization of the <i>Populus</i> sucrose synthase gene family	安新民	安新民	<i>Gene</i>	2.082
71	Seasonal changes in expression of nerve growth factor and its receptors TrkA and p75 in the ovary of wild ground	李犇	翁强	<i>Journal of Ovarian Research</i>	2.030
72	Properties and stability of blueberry anthocyanin-bovine serum albumin nanoparticles	陈健	孙爱东	<i>Journal of the Science of Food and</i>	1.879
73	XsFAD2 gene encodes the enzyme responsible for the high linoleic acid content in oil accumulated in <i>Xanthoceras sorbifolia</i> seeds	郭惠红	夏新莉	<i>Journal of the Science of Food and Agriculture</i>	1.879

74	Synergistic effect of phosphite with fullerene C-60 and fulleranol C-60(OH)(24) as antioxidants in polypropylene	张建伟	刘玉军	<i>Chinese Journal of Polymer Science</i>	1.835
75	Anatomical and biochemical characteristics of <i>Achnatherum splendens</i> (Trin.) Nevski seedlings stressed on Pb ²⁺	周 延	高述民	<i>Applied Biochemistry and Biotechnology</i>	1.687
76	Needle morphological evidence of the homoploid hybrid origin of <i>Pinus densata</i> based on analysis of artificial hybrids and the putative parents, <i>Pinus tabulaeformis</i>	邢芳倩	李 悦	<i>Ecology and Evolution</i>	1.658
77	Assessment of the genetic composition of triploid hybrid <i>Populus</i> using SSR markers with low recombination frequencies	董春波	康向阳	<i>Canadian Journal of Forest Research-revue Canadienne</i>	1.657
78	Variation in growth, leaf, and wood property traits of Chinese white poplar (<i>Populus tomentosa</i>), a major industrial tree species in Northern China	杜庆章	张德强	<i>Canadian Journal of Forest Research-revue Canadienne</i>	1.657
79	Molecular phylogeny and historical biogeography of <i>Caltha</i> (Ranunculaceae) based on analyses of multiple nuclear and plastid sequences	程 瑾	谢 磊	<i>Journal of Systematics and Evolution</i>	1.648
80	Induction of tetraploidy using high temperature exposure during the first zygote division in <i>Populus adenopoda</i>	鲁 敏	康向阳	<i>Plant Growth Regulation</i>	1.625
81	Antiviral activity of <i>Eupatorium adenophorum</i> leaf extract against tobacco mosaic virus	金 一	谢响明	<i>Crop Protection</i>	1.539
82	Chinese jujube (<i>Ziziphus jujuba</i> Mill.) fruit-expressed sequence tag (EST) library: annotation and EST-SSR	刘 君	庞晓明	<i>Scientia Horticulturae</i>	1.504
83	Mining new Microsatellite markers for Siberian apricot (<i>Prunus sibirica</i> L.) from SSR-enriched genomic library	王 哲	庞晓明	<i>Scientia Horticulturae</i>	1.504
84	Multiple signaling networks of extracellular ATP, hydrogen peroxide, calcium, and nitric oxide in the mediation of root ion fluxes in secretor and non-secretor	郎 涛	陈少良	<i>Aquatic Botany</i>	1.471
85	Characterization of a bioactive peptide with cytomodulatory effect released from casein	赵宏飞	张柏林	<i>European Food Research and Technology</i>	1.387
86	Flowering phenology and reproductive characteristics of <i>Cypripedium macranthos</i> (Orchidaceae) in China and their implication in conservation	张 毓	程 瑾	<i>Pakistan Journal of Botany</i>	1.207
87	Identification of proteins from cambium tissues of the chinese white poplar (<i>Populus tomentosa</i>) sampled during the growing season	谢 晋	盖 颖	<i>Pakistan Journal of Botany</i>	1.207
88	Field supervisory test of DREB-transgenic <i>Populus</i> : salt tolerance, long-term gene stability and horizontal	卢 楠	李 云	<i>Forests</i>	1.139
89	Within-stem variation in wood properties of triploid hybrids of <i>Populus tomentosa</i> at three clonal trials	吴 峰	康向阳	<i>Scandinavian Journal of Forest Research</i>	1.115
90	Megasporogenesis, megagametogenesis, and induction of 2n eggs with colchicine in poplar section <i>Aigeiros</i>	席小军	张金凤	<i>Scandinavian Journal of Forest Research</i>	1.115
91	Lipid production and composition of fatty acids in <i>Chlorella vulgaris</i> cultured using different methods: photoautotrophic, heterotrophic, and pure and mixed	张 昆	任迪锋	<i>Annals of MicroBiology</i>	1.039
92	Three new species of <i>Berkleasium</i> (Hyphomycetes) from China	曲春蓉	赵国柱	<i>Nova Hedwigia</i>	0.989

93	Antineoplastic activity of gamma-linolenic acid extract from <i>Spirulina platensis</i> on HepG2 cells and its inhibition effect on platelet aggregation	王 菲	任迪锋	<i>Food and Agricultural Immunology</i>	0.984
94	Protective effect of blueberry anthocyanins in a CCl4-induced injury model in human embryonic liver cells	陈 健	孙爱东	<i>Food and Agricultural Immunology</i>	0.984
95	Protective effects and antioxidant mechanism of bamboo leaf flavonoids on hepatocytes injured by CCl4	张 诗	孙爱东	<i>Food and Agricultural Immunology</i>	0.984
96	In vitro Antioxidant Activities of Sodium Zinc and Sodium Iron Chlorophyllins from Pine Needles	詹如珍	欧阳杰	<i>FOOD TECHNOLOGY AND BIOTECHNOLOGY</i>	0.977
97	Assessment of glucosinolates in Chinese kale by near-Infrared spectroscopy	陈 健	孙爱东	<i>International Journal of Food Properties</i>	0.906
98	Stability of apple polyphenols as a function of temperature and pH	陈 健	孙爱东	<i>International Journal of Food Properties</i>	0.906
99	Influence of pulsed electric field and thermal treatments on the quality of blueberry juice	陈 健	孙爱东	<i>International Journal of Food Properties</i>	0.906
100	Inhibitory mechanism and kinetics study of apple polyphenols on the activity of tyrosinase	陈 健	孙爱东	<i>International Journal of Food Properties</i>	0.906
101	Analysis of polyphenols in apple pomace using gas chromatography-mass spectrometry with derivatization	孙爱东	孙爱东	<i>International Journal of Food Properties</i>	0.906
102	Separation, purification, and Identification of angiotensin I-converting enzyme inhibitory peptides from walnut (<i>Juglans regia</i> L.) Hydrolyzate	顾 欣	王建中	<i>International Journal of Food Properties</i>	0.906
103	Genome-wide transcriptional profiling reveals molecular natures of secondary xylem differentiation in <i>Populus</i>	杨晓慧	张德强	<i>Genetics and Molecular Research</i>	0.850
104	Diurnal fluctuation of volatile compounds emitted from four deasons rose (<i>Rosa damascena</i> Mill.) cultivated in Beijing	杨丽娜	任建武	<i>Journal of Applied Botany and Food</i>	0.814
105	Preparation of cinnamoyl-CoA and analysis of the enzyme activity of recombinant CCR Protein from <i>Populus tomentosa</i>	韩波涛	蒋湘宁	<i>Journal of Plant biochemistry and Biotechnology</i>	0.810
106	Development of organic acids and volatile compounds in cider during malo lactic fermentation	赵宏飞	张柏林	<i>Czech Journal of Food Sciences</i>	0.741
107	Purification and characterisation of the bacteriocin produced by lactobacillus plantarum, isolated from Chinese	周 芳	张柏林	<i>Czech Journal of Food Sciences</i>	0.741
108	Synthesis and evaluation of microstructure of phosphorylated chestnut starch	呼 娜	王建中	<i>Journal of Food Process Engineering</i>	0.626
109	Effects of extraction conditions on allelochemicals release from the <i>Artemisia ordosica</i>	邓伟昊	沈应柏	<i>Allelopathy Journal</i>	0.578
110	Temporal variation of floral scent emitted from a cattleya hybrid	赵志国	赵志国	<i>Chemistry of Natural Compounds</i>	0.500
111	Chemical Investigation of Volatiles Emitted from Flowers of Three Varieties of Damask Rose Cultivated in Beijing	杨丽娜	任建武	<i>HORTICULTURE ENVIRONMENT</i>	0.491

112	Authentication and adulteration analysis of sesame oil by FTIR spectroscopy	丁庆珍	欧阳杰	<i>Spectroscopy and Spectral Analysis</i>	0.270
113	Direct and indirect somatic embryogenesis from immature zygotic embryos in <i>Robinia pseudoacacia</i> L.	习洋	李云	<i>Research Journal of Biotechnology</i>	0.262
114	Variation and stability in female strobili production of a first-generation clonal seed orchard of Chinese pine	袁虎威	李伟	<i>Silvae Genetica</i>	0.240
115	Development and characterization of 25 est-ssr markers in <i>pinus sylvestris</i> var. <i>mongolica</i> (pinaceae)	方攀	李伟	<i>Applications in Plant Sciences</i>	0.000