

生物学院2016年发表SCI论文一览表

序号	通讯作者	第一作者	题目	刊名	文献类型	2015年IF	中科院分区
1	邬荣领	祝绪礼	Integrating Evolutionary Game Theory into Mechanistic Genotype-Phenotype Mapping	TRENDS IN GENETICS	Review	9.858	
2	李伟	钮世辉	A transcriptomics investigation into pine reproductive organ development	NEW PHYTOLOGIST	Article	7.21	1
3	张德强	陈金辉	Genetic variations and miRNA-target interactions contribute to natural phenotypic variations in Populus	NEW PHYTOLOGIST	Article	7.21	1
4	张德强	杜庆章	Genetic architecture of growth traits in Populus revealed by integrated quantitative trait locus (QTL) analysis and association studies	NEW PHYTOLOGIST	Article	7.21	1
5	林金星	李晓娟	Quantification of Membrane Protein Dynamics and Interactions in Plant Cells by Fluorescence Correlation Spectroscopy	MOLECULAR PLANT	Review	7.142	1
6	高宏波	贾宁	A DNA2 Homolog Is Required for DNA Damage Repair, Cell Cycle Regulation, and Meristem Maintenance in Plants	PLANT PHYSIOLOGY	Article	6.28	2
7	林金星	曹德昌	Transcriptome and Degradome Sequencing Reveals Dormancy Mechanisms of <i>Cunninghamia lanceolata</i> Seeds	PLANT PHYSIOLOGY	Article	6.28	1
8	王华芳	修宇	Improvement and transcriptome analysis of root architecture by overexpression of <i>Fraxinus pennsylvanica</i> DREB2A transcription factor in <i>Robinia pseudoacacia</i> L. 'Idaho'	PLANT BIOTECHNOLOGY JOURNAL	Article	6.09	2

9	邬荣领	姜立波	Computational identification of genes modulating stem height-diameter allometry	PLANT BIOTECHNOLOGY JOURNAL	Article	6.09	2
10	夏新莉	王丛鹏	PdEPF1 regulates water-use efficiency and drought tolerance by modulating stomatal density in poplar	PLANT BIOTECHNOLOGY JOURNAL	Article	6.09	
11	张德强	宋跃鹏	Stable methylation of a non-coding RNA gene regulates gene expression in response to abiotic stress in <i>Populus simonii</i>	JOURNAL OF EXPERIMENTAL BOTANY	Article	5.677	2
12	张德强	田佳星	Population genomic analysis of gibberellin-responsive long non-coding RNAs in <i>Populus</i>	JOURNAL OF EXPERIMENTAL BOTANY	Article	5.677	2
13	张德强	谢剑波	Association genetics and transcriptome analysis reveal a gibberellin-responsive pathway involved in regulating photosynthesis	JOURNAL OF EXPERIMENTAL BOTANY	Article	5.677	2
14	张德强	次东	Variation in genomic methylation in natural populations of <i>Populus simonii</i> is associated with leaf shape and photosynthetic traits	JOURNAL OF EXPERIMENTAL BOTANY	Article	5.677	2
15	邬荣领	祝绪礼	Constructing a linkage-linkage disequilibrium map using dominant-segregating markers	DNA RESEARCH	Article	5.267	
16	李云	袁存权	Ovule positions within linear fruit are correlated with nonrandom mating in <i>Robinia pseudoacacia</i>	SCIENTIFIC REPORTS	Article	5.228	2
17	林金星	许慧敏	Gene expression and proteomic analysis of shoot apical meristem transition from dormancy to activation in <i>Cunninghamia lanceolata</i> (Lamb.) Hook	SCIENTIFIC REPORTS	Article	5.228	3

18	林善枝	钮俊	Integrated mRNA and miRNA transcriptome reveal a cross-talk between developing response and hormone signaling for the seed kernels of Siberian apricot	SCIENTIFIC REPORTS	Article	5.228	2
19	林善枝	钮俊	Cross-talk between freezing response and signaling for regulatory transcriptions of MIR475b and its targets by miR475b promoter in <i>Populus suaveolens</i>	SCIENTIFIC REPORTS	Article	5.228	3
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21	庞晓明	徐超群	Identifying the genetic diversity, genetic structure and a core collection of <i>Ziziphus jujuba</i> Mill. var. <i>jujuba</i> accessions using microsatellite markers	SCIENTIFIC REPORTS	Article	5.228	3
22	万迎郎	包文龙	Layered Double Hydroxide Nanotransporter for Molecule Delivery to Intact Plant Cells	SCIENTIFIC REPORTS	Article	5.228	3
23	徐吉臣	Xu, Qian	Gibberellin-Regulation and Genetic Variations in Leaf Elongation for Tall Fescue in Association with Differential Gene Expression Controlling Cell Expansion	SCIENTIFIC REPORTS	Article	5.228	
24	袁峥嵘	Wang, Yuhang	Predictive value of XPG rs2296147T > C polymorphism on clinical outcomes of cancer patients	ONCOTARGET	Article	5.008	1
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26	新莉;尹伟	Duan, Hui	Genome-Wide Analysis of MicroRNA Responses to the Phytohormone Abscisic Acid in <i>Populus euphratica</i>	FRONTIERS IN PLANT SCIENCE	Article	4.495	
27	杨海灵	Wang, Yi-Min	Divergence of the Aconitase (ACO) Gene Family in Land Plants	FRONTIERS IN PLANT SCIENCE	Article	4.495	2
28	张德强	uan, Mingyan	Association Studies in <i>Populus tomentosa</i> Reveal the Genetic Interactions of Pto-MIR156c and Its Targets in Wood Formation	Frontiers in Plant Science	Article	4.495	2
29	张德强	Wang, Qingsh	The Role of DNA Methylation in Xylogenesis in Different Tissues of Poplar	FRONTIERS IN PLANT SCIENCE	Article	4.495	2
30	邬荣领	Cui, Ying-Lu	Molecular dynamics investigations of regioselectivity of anionic/aromatic substrates by a family of enzymes: a case study of diclofenac binding in CYP2C isoforms	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Article	4.449	2
31	欧阳杰	Kan, Lina	Effect of thermal processing on the physicochemical properties of chestnut starch and textural profile of chestnut kernel	CARBOHYDRATE POLYMERS	Article	4.219	2
32	范俊峰	Yu, Guoyong	In vitro inhibition of platelet aggregation by peptides derived from oat (<i>Avena sativa</i> L.), highland barley (<i>Hordeum vulgare</i> Linn. var. <i>nudum</i> Hook. f.), and buckwheat (<i>Fagopyrum esculentum</i> Moench) proteins	FOOD CHEMISTRY	Article	4.052	2
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40	刘小敏;高宏	Li, Yiqiong	An improved immunofluorescence staining method for chloroplast proteins	PLANT CELL REPORTS	Article	3.088	3
41	李博生	Li, Qingye	iTRAQ-Based Quantitative Proteomic Analysis of <i>Spirulina platensis</i> in Response to Low Temperature Stress	PLOS ONE	Article	3.057	3
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47	王延伟	Xu, Huimin	Transcriptional regulation of vascular cambium activity during the transition from juvenile to mature stages in <i>Cunninghamia lanceolata</i>	JOURNAL OF PLANT PHYSIOLOGY	Article	2.971	3
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