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首页 学院概况 学科建设 师资队伍 人才培养 招生就业 科学研究 学生工作 党建工作 国际交流 学校官网



📍 首页 > 科学研究 > 论文专著

科学研究

科研平台

科研项目

科研成果

论文专著

2018年发表论文 (部分)

论文题目	发表/出版时间	发表刊物/论文集	论文收录	卷期页
Three UDP-xylose transporters participate in xylan biosynthesis by conveying cytosolic UDP-xylose into the Golgi lumen in Arabidopsis	2018-01-01	Journal of Experimental Botany	SCI	69 (5) : 1125-1134

科技服务

Intensive management increases soil acidification and phytotoxic Al content in <i>Phyllostachys praecox</i> stands in Southeast China	2018-01-01	JOURNAL OF SUSTAINABLE FORESTRY	SCI	37 (1) : 46-55
Desiccation tolerance in <i>Physcomitrella patens</i> : Rate of dehydration and the involvement of endogenous abscisic acid (ABA)	2018-01-01	PLANT CELL AND ENVIRONMENT	SCI	41: 275-284
Volatile organic compound emissions from <i>Microcystis aeruginosa</i> under different phosphorus sources and concentrations	2018-01-01	PHYCOLOGICAL RESEARCH	SCI	66: 15-22
Alleviation of drought stress in <i>Phyllostachys edulis</i> by N and P application	2018-01-10	SCIENTIFIC REPORTS	SCI	卷: 8
The role of endomembrane localized VHA c in plant growth	2018-01-13	Plant Signaling & Behavior	SCI	13 (1)
Novel Insights into the Influence of Seed Sarcotesta Photosynthesis on Accumulation of Seed Dry Matter and Oil Content in <i>Torreya grandis</i> cv. "Merrillii"	2018-01-28	frontiers in plant science	SCI	8: 2179
Biofloculants' production from a cellulase-free xylanase-producing <i>Pseudomonas boreopolis</i> G22 by degrading biomass and its application in cost-effective harvest of microalgae	2018-01-31	Bioresource Technology	SCI	255: 171-179
A naturally occurring epiallele associates with leaf senescence and local climate adaptation in <i>Arabidopsis</i> accessions	2018-01-31	NATURE COMMUNICATIONS	SCI	9:460
Optimization of PM2.5 Estimation Using Landscape Pattern Information and Land Use Regression Model in Zhejiang, China	2018-02-01	ATMOSPHERE	SCI	卷: 9 期: 2
The Responses of Plant Leaf CO ₂ /H ₂ O Exchange and Water Use Efficiency to Drought: A Meta-Analysis	2018-02-01	SUSTAINABILITY	SCI	卷: 10 期: 2
KNAT7 positively regulates xylan biosynthesis by directly activating IRX9 expression in <i>Arabidopsis</i>	2018-02-02	Journal of Integrative Plant Biology	SCI	60(6)
Rapid determination of crocins in saffron by near-infrared spectroscopy combined with chemometric techniques	2018-02-05	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	SCI	190: 283-289
Cloning and functional characterization of a p-coumaroyl	2018-02-05	BIOCHEMICAL AND	SCI	卷: 496 期: 2 页:

quinate/shikimate 3'-hydroxylase from potato (<i>Solanum tuberosum</i>)		BIOPHYSICAL RESEARCH COMMUNICATIONS		462-467
Relationships between carbon fluxes and environmental factors in a drip-irrigated, film-mulched cotton field in arid region	2018-02-07	PLOS ONE	SCI	卷: 13 期: 2
Overexpression of PvGF14c from <i>Phyllostachys violascens</i> Delays Flowering Time in Transgenic <i>Arabidopsis</i>	2018-02-14	FRONTIERS IN PLANT SCIENCE	SCI	卷: 9
Synthesis and herbicidal activity of 4, 8-DHT and its derivatives	2018-03-01	Industrial Crops and Products	SCI	111: 755-767
N-linked Glycan Micro-heterogeneity in Glycoproteins of <i>Arabidopsis</i>	2018-03-01	MOLECULAR & CELLULAR PROTEOMICS	SCI	卷: 17 期: 3 页: 413-421
Qualitative and quantitative analysis of furofuran lignans, iridoid glycosides, and phenolic acids in <i>Radix Dipsaci</i> by UHPLC-Q-TOF/MS and UHPLC-PDA	2018-03-01	Journal of Pharmaceutical & Biomedical Analysis	SCI	154:40-47
Auxin enhances grafting success in <i>Carya cathayensis</i> (Chinese hickory)	2018-03-01	PLANTA	SCI	卷: 247 期: 3 页: 761-772
Over-expression of a grafting-responsive gene from hickory increases abiotic stress tolerance in <i>Arabidopsis</i>	2018-03-01	PLANT CELL REPORTS	SCI	卷: 37 期: 3 页: 541-552
A transposition-active <i>Phyllostachys edulis</i> long terminal repeat (LTR) retrotransposon	2018-03-01	JOURNAL OF PLANT RESEARCH	SCI	卷: 131 期: 2 页: 203-210
Transcriptome analysis provides insights into xylogenesis formation in Moso bamboo (<i>Phyllostachys edulis</i>) shoot	2018-03-02	Scientific Reports	SCI	8:3951-3966
Detecting Sulfuric and Nitric Acid Rain Stresses on <i>Quercus glauca</i> through Hyperspectral Responses	2018-03-09	Sensors	SCI	2018, 18(3): 830
Neochamaejasmin A inhibits KV1.4 channel activity via direct binding to the pore	2018-03-15	BRAIN RESEARCH	SCI	1683: 17-26
Pursuing sesterterpene lactams in Australian Irciniidae sponges	2018-04-01	FITOTERAPIA	SCI	卷: 126 页: 83-89 特刊: SI
Biochar amendment decreases soil microbial biomass and	2018-04-01	ENVIRONMENTAL	SCI	卷: 13 期: 4

increases bacterial diversity in Moso bamboo (<i>Phyllostachys edulis</i>) plantations under simulated nitrogen deposition		RESEARCH LETTERS		
The distribution of transposable elements (TEs) in the promoter regions of moso bamboo genes and its influence on downstream genes	2018-04-01	TREES-STRUCTURE AND FUNCTION	SCI	卷: 32 期: 2 页: 525-537
Effects of arbuscular mycorrhizal fungi on growth and nitrogen uptake of <i>Chrysanthemum morifolium</i> under salt stress	2018-04-26	PLOS ONE	SCI	卷: 13 期: 4
Arbuscular mycorrhizal fungi influence decomposition and the associated soil microbial community under different soil phosphorus availability	2018-05-01	SOIL BIOLOGY & BIOCHEMISTRY	SCI	卷: 120 页: 181-190
Molecular Characterization of SQUAMOSA PROMOTER BINDING PROTEIN-LIKE (SPL) Gene Family in <i>Betula luminifera</i>	2018-05-04	FRONTIERS IN PLANT SCIENCE	SCI	卷: 9
Transcriptomic profiling and identification of candidate genes in two <i>Phoebe bournei</i> ecotypes with contrasting cold stress responses	2018-05-29	TREES-STRUCTURE AND FUNCTION	SCI	32:1315–1333
Phylogeny-dominant classification of J-proteins in <i>Arabidopsis thaliana</i> and <i>Brassica oleracea</i>	2018-06-01	GENOME	SCI	卷: 61 期: 6 页: 405-415
EXOGENOUS SPERMIDINE IMPROVES DROUGHT TOLERANCE IN <i>PHYLLOSTACHYS EDULIS</i> SEEDLINGS	2018-06-01	PAKISTAN JOURNAL OF BOTANY	SCI	50(3): 921-928
Identification and expression profiling of the Aux/IAA gene family in Chinese hickory (<i>Carya cathayensis</i> Sarg.) during the grafting process	2018-06-01	PLANT PHYSIOLOGY AND BIOCHEMISTRY	SCI	127: 55-63
Inhibitory effects of extracts from <i>Cinnamomum camphora</i> fallen leaves on algae	2018-06-26	Water Science & Technology	SCI	77: 2545–2554
Transcriptomic insight into pathogenicity-associated factors of <i>Conidiobolus obscurus</i> , an obligate aphid-pathogenic fungus belonging to Entomophthoromycota.	2018-07-02	PEST MANAGEMENT SCIENCE	SCI	74(7): 1677-1686
Bamboo NiR gene is associated with regeneration capacity	2018-07-19	JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY	SCI	93 (2) : 142-149
Suppressing a plant-parasitic nematode with fungivorous behavior by fungal transformation of a Bt cry gene	2018-07-23	MICROBIAL CELL FACTORIES	SCI	17:116

Effects of phosphorus sources on volatile organic compound emissions from <i>Microcystis flos-aquae</i> and their toxic effects on <i>Chlamydomonas reinhardtii</i>	2018-08-01	Environmental Geochemistry and Health	SCI	40: 1283–1298
Compost-bulking agents reduce the reservoir of antibiotics and antibiotic resistance genes in manures by modifying bacterial microbiota	2018-08-17	Science of the Total Environment	SCI	649(2019):396-404
RNA-Seq analysis of differential gene expression in <i>Betula luminifera</i> xylem during the early stages of tension wood formation	2018-08-21	PeerJ	SCI	6
Application of composite dissolving microneedles with high drug loading ratio for rapid local anesthesia	2018-08-30	European Journal of Pharmaceutical Sciences	SCI	121(2018):330-7
Effects of Green space landscape patterns on particulate matter in Zhejiang Province, China	2018-09-01	ATMOSPHERIC POLLUTION RESEARCH	SCI	9(5): 923-933
A new wingless genus and two new species of Ceutorhynchinae from Southwest China, with notes on related taxa (Coleoptera: Curculionidae)	2018-09-01	Annales Zoologici	SCI	68(3): 451-462
Genome-wide identification of MADS-box family genes in moso bamboo (<i>Phyllostachys edulis</i>) and a functional analysis of PeMADS5 in flowering	2018-09-03	BMC PLANT BIOLOGY	SCI	18:176
Rapid detection of adulteration in <i>Anoectochilus roxburghii</i> by near-infrared spectroscopy coupled with chemometric methods	2018-09-11	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	SCI	55(9):3518–3525
De novo transcriptome sequencing of <i>Torreya grandis</i> reveals gene regulation in sciadonic acid biosynthesis pathway	2018-09-15	INDUSTRIAL CROPS AND PRODUCTS	SCI	120: 47-60
A Golgi UDP-GlcNAc transporter delivers substrates for N-linked glycans and sphingolipids	2018-09-17	Nature Plants	SCI	4:792-801
Improving enzymatic digestibility of wheat straw pretreated by a cellulase-free xylanase-secreting <i>Pseudomonas boreopolis</i> G22 with simultaneous production of bioflocculants	2018-09-17	Biotechnology for Biofuels	SCI	11: 250
Screening and Evaluation of Saline–Alkaline Tolerant Germplasm of Rice (<i>Oryza sativa</i> L.) in Soda Saline–Alkali Soil	2018-09-25	AGRONOMY-BASEL	SCI	8(10), 205
Biochar application alleviates unbalanced nutrient uptake	2018-09-26	Forest Ecology and	SCI	432 (2019): 319–

caused by N deposition in <i>Torreya grandis</i> trees and seedlings		Management		326
CASH: a constructing comprehensive splice site method for detecting alternative splicing events	2018-09-28	Briefings in Bioinformatics	SCI	19(5), 905–917
Fungal elicitors stimulate biomass and active ingredients accumulation in <i>Dendrobium catenatum</i> plantlets	2018-10-01	Biologia	SCI	73(10): 917–926
A taxonomic review of <i>Paramblynotus</i> Cameron, 1908 in China, with descriptions of five new species (Hymenoptera: Cynipoidea: Liopteridae)	2018-10-01	ZOOTAXA	SCI	4486 (4): 510–534
Overexpression of PvCO1, a bamboo CONSTANS-LIKE gene, delays flowering by reducing expression of the FT gene in transgenic <i>Arabidopsis</i>	2018-10-12	BMC PLANT BIOLOGY	SCI	18
Expressional characterization of galacturonosyltransferase-like gene family in <i>Eucalyptus grandis</i> implies a role in abiotic stress responses	2018-10-13	Tree Genetics & Genomes	SCI	2018.14(6):81-92
Effects of nitrogen nutrients on the volatile organic compound emissions from <i>Microcystis aeruginosa</i>	2018-10-15	Ecotoxicology and Environmental Safety	SCI	161: 214–220
Chromatin-Based Regulation of Plant Root Development	2018-10-16	FRONTIERS IN PLANT SCIENCE	SCI	9:1509
MGH: a genome hub for the medicinal plant maca (<i>Lepidium meyenii</i>)	2018-10-19	Database-The Journal of Biological Databases and Curation	SCI	113,1-8
Change in microbial communities, soil enzyme and metabolic activity in a <i>Torreya grandis</i> plantation in response to root rot disease	2018-10-20	Forest Ecology and Management	SCI	432 (2019):932–941
Forest fire hazard during 2000-2016 in Zhejiang province of the typical subtropical region, China	2018-11-01	NATURAL HAZARDS	SCI	94(2): 975-977
Identification of autotoxic compounds from <i>Atractylodes macrocephala</i> Koidz and preliminary investigations of their influences on immune system	2018-11-01	Journal of Plant Physiology	SCI	230 : 33–39
Jasmonic Acid Seed Treatment Stimulates Insecticide Detoxification in <i>Brassica juncea</i> L.	2018-11-02	Frontiers in Plant Science	SCI	9: 1609
Algicidal properties of extracts from <i>Cinnamomum</i>	2018-11-15	Ecotoxicology and	SCI	163: 594–603

camphora fresh leaves and their main compounds		Environmental Safety		
Seedless mutant 'Wuzi Ougan' (Citrus suavissima Hort. ex Tanaka 'seedless') and the wild type were compared by iTRAQ-based quantitative proteomics and integratedly analyzed with transcriptome to improve understanding of male sterility	2018-11-20	BMC genetics	SCI	19:106
Chemical fingerprint analysis and identification of Dendranthema lavandulifoliwn buds	2018-11-26	INDUSTRIAL CROPS AND PRODUCTS	SCI	124C: 707-718
Overexpression of Acyl-CoA-Binding Protein 1 (ChACBP1) From Saline-Alkali-Tolerant Chlorella sp. Enhances Stress Tolerance in Arabidopsis	2018-11-28	FRONTIERS IN PLANT SCIENCE	SCI	9 (1772)
Ecological stoichiometry of nitrogen and phosphorus in Moso bamboo (Phyllostachys edulis) during the explosive growth period of new emergent shoots	2018-12-01	Journal of Plant Research	SCI	131(7)
Production of primary metabolites in Microcystis aeruginosa in regulation of nitrogen limitation	2018-12-01	Bioresource Technology	SCI	270: 588-595
Experiments Are Necessary in Process-Based Tree Phenology Modelling	2018-12-08	Trends in plant science	SCI	xx (yy)