

《中文核心期刊要目总览》核心期刊
中国科学引文数据库 (CSCD) 核心期刊
中国科技核心期刊、中国农林核心期刊
RCCSE 中国核心学术期刊

ISSN 1000-2561
CN 46-1019/S

CHINESE JOURNAL OF
TROPICAL CROPS

热带作物学报

2023.4

第44卷 第4期 Vol. 44 No. 4

主办 中国热带作物学会
中国热带农业科学院

科学出版社
Science Press

万方数据

目 次

组学与生物技术

基于转录组的番荔枝 ARF 基因家族鉴定及其在花发育中的表达分析

..... 周 艳, 莫雨杏, 刘淑艺, 李卫锦, 黎海利, 刘锴栋 (661)

蝴蝶兰 *PhPIF4* 基因的克隆与响应 GA₃ 表达分析.....张英杰, 刘民晓, 孙纪霞, 张京伟, 郭文姣, 吕晓惠, 吕英氏 (673)

橄榄果实转录组 SSR 和 SNP/InDel 位点特征.....赖瑞联, 沈朝贵, 冯 新, 陈义挺, 韦晓霞, 吴如健 (681)

一年蓬叶绿体基因组特征及系统进化分析.....周芸芸, 郭 敏, 彭英权, 金晨钟, 张雪娇, 胡一鸿, 陈 功, 龚意辉 (689)

种质资源与遗传育种

基于多元统计分析的甘蔗新品系适应性评价.....郭 强, 莫建文, 江清梅, 何洪良, 马文清, 莫勇武, 唐利球 (699)

81 份辣椒种质资源表型性状的遗传多样性分析.....刘林姪, 黄亚成, 杨 那, 刘维侠, 赵艳妹, 龙彩凤, 党选民 (706)

黑老虎新品系的 SSR 指纹图谱构建.....邹建文, 饶红欣, 陈 灵, 罗先权, 何润华, 陈 铭, 何 艳 (716)

作物栽培与生理生化

盐胁迫下粉蕉植株营养元素的吸收与分布特征.....王 蕾, 兰柳艳, 罗晓慧, 沈 欢, 蒋 潇, 武 鹏 (724)

墨脱花椒种子休眠特性与解除方法.....关文灵, 张海立, 荣 辉, 孟 静 (730)

6 个高州油茶无性系叶片形态结构及耐热性比较.....刘慧斌, 朱周俊, 赵君茹, 卢元贤, 吴 凯, 袁德义 (737)

白木香 6 个不同种质的树干木材生理特性研究.....李慧婷, 徐诗涛, 王 军, 张梦真, 王德立, 王露露, 李 思 (746)

大花紫薇及其新品种紫婢光合特性比较.....袁 汕, 林嘉蓓, 张 恒, 奚如春 (757)

园林废弃物地表覆盖对龙船花生长发育的影响.....潘 松, 赵玉梅, 袁峰均, 史正军 (766)

植物保护与生物安全

桃蚜取食抗、感辣椒品种的茉莉酸途径基因表达差异分析

..... 税 军, 刘小强, 陈 青, 梁 晓, 伍春玲, 刘 迎, 姚晓文, 乔 阳, 毛立杰, 陈银华 (774)

翡翠景天黑腐病菌山扁豆生棒孢生物学特性及室内药剂筛选.....姚锦爱, 黄 鹏, 张 杰, 侯翔宇, 余德亿 (785)

姬松茸粗多糖防治烟草花叶病毒病.....胡 叠, 唐前君, 罗 坤, 吴秋云, 夏志兰, 刘 敏 (790)

采后处理与质量安全

果实生长发育后期喷施蔗糖溶液对井岗红糯荔枝采后品质的影响.....喻文涛, 曲姗姗, 李萌萌, 王 光, 朱世江 (799)

热研 2 号柱花草和热研 4 号王草混合青贮对其营养成分及发酵品质的影响

..... 韩建成, 吴 群, 简红玲, 徐志军, 周汉林 (809)

梯度乙醇沉淀工艺对灵芝多糖结构特征及生物活性的影响

..... 陆建能, 麦碧仪, 刘义军, 赵雨诗, 陈云兰, 林丽静, 周大圣, 张 明 (816)

黄果茄中绿原酸超声辅助提取工艺优化及抗氧化活性.....郭 蒙, 郭 纯, 蒋 青, 高林晓 (825)

农业生态与环境保护

热带典型有机物料对砖红壤理化性质及微生物群落结构的影响

..... 宋书会, 焦 静, 李普旺, 王 超, 何祖宇, 周 闯, 刘运浩, 张宇晗, 李云娜, 杨子明 (834)

广西猫儿山高山湿地植物区系特征与群落演替进程

..... 黄歆怡, 谢 强, 丁丽琼, 谢振兴, 陆祖正, 谢彦军, 余炳宁 (846)

云南剑湖自然保护区湿地维管植物多样性特征及其成因.....王 粤, 石 明, 杜 凡, 茶武婧, 白雪昕, 戴 蓉 (858)

CHINESE JOURNAL OF TROPICAL CROPS

Apr. 2023 Vol. 44 No. 4 (Monthly, established in 1980)

CONTENTS

Omics & Biotechnology

Transcriptome-wide Identification of the ARF Gene Family in Sugar Apple (*Annona squamosa* L.) and Expression Analysis
During Flower Development

.....ZHOU Yan, MO Yuxing, LIU Shuyi, LI Weijin, LI Haili, LIU Kaidong (661)

Cloning and Expression Analysis in Response to GA₃ of *PhPIF4* in *Phalaenopsis*

..... ZHANG Yingjie, LIU Minxiao, SUN Jixia, ZHANG Jingwei, GUO Wenjiao, LYU Xiaohui, LYU Yingmin (673)

SSR and SNP/InDel Characteristics of Fruit Transcriptomic Data of *Canarium album*

.....LAI Ruilian, SHEN Chaogui, FENG Xin, CHEN Yiting, WEI Xiaoxia, WU Rujian (681)

Characterization and Phylogenetic Analysis of the Complete Chloroplast Genome of *Erigeron annuus*

..... ZHOU Yunyun, GUO Min, PENG Yingquan, JIN Chenzhong, ZHANG Xuejiao, HU Yihong, CHEN Gong, GONG Yihui (689)

Germplasm Resources, Genetics & Breeding

Evaluation on Adaptation in New Sugarcane Lines by Multiple Statistics Analysis

..... GUO Qiang, MO Jianwen, JIANG Qingmei, HE Hongliang, MA Wenqing, MO Yongwu, TANG Liqui (699)

Genetic Diversity of Phenotypic Traits in 81 *Capsicum annuum* Germplasms

.....LIU Linya, HUANG Yacheng, YANG Na, LIU Weixia, ZHAO Yanmei, LONG Caifeng, DANG Xuanmin (706)

SSR Fingerprinting for 20 *Kadsura coccinea* Clones

..... ZOU Jianwen, RAO Hongxin, CHEN Ling, LUO Xianquan, HE Runhua, CHEN Ming, HE Yan (716)

Plant Cultivation, Physiology & Biochemistry

Characteristics of Uptake and Distribution of Nutrient Elements in Pisang Awak Plants under Salt Stress

.....WANG Lei, LAN Liuyan, LUO Xiaohui, SHEN Huan, JIANG Xiao, WU Peng (724)

Dormancy Characteristics and Releasing Methods of *Zanthoxylum motuoense* Huang.

.....GUAN Wenling, ZHANG Haili, RONG Hui, MENG Jing (730)

Comparison of Leaf Morphological Structure and Heat Tolerance of Six *Camellia gauchowensis* Chang Clones

.....LIU Huibin, ZHU Zhoujun, ZHAO Junru, LU Yuanxian, WU Kai, YUAN Deyi (737)

Research on the Physiological Characteristics of the Wood from the Trunk of Six Different Germplasms of *Aquilaria sinensis*

..... LI Huiting, XU Shitao, WANG Jun, ZHANG Mengzhen, WANG Deli, WANG Lulu, LI Si (746)

Comparative Study on Photosynthetic Characteristic of *Lagerstroemia speciosa* and Its New Variety Zichan

..... YUAN Shan, LIN Jiabei, ZHANG Heng, XI Ruchun (757)

Effects of Green-waste Mulches on Growth of *Ixora chinensis* Lam.

..... PAN Song, ZHAO Yumei, YUAN Fengjun, SHI Zhengjun (766)

CHINESE JOURNAL OF TROPICAL CROPS

Apr. 2023 Vol. 44 No. 4 (Monthly, established in 1980)

Plant Protection & Bio-safety

Differential Expression Analysis of Jasmonic Acid Pathway Genes Between Resistant and Susceptible Pepper Cultivars

Against *Myzus persicae* Infestation

..... SHUI Jun, LIU Xiaoqiang, CHEN Qing, LIANG Xiao, WU Chunling, LIU Ying,

YAO Xiaowen, QIAO Yang, MAO Lijie, CHEN Yinhua (774)

Biological Characteristics and Fungicides Screening in Laboratory of *Corynespora cassicola* Causing *Sedum morganianum*

Black Rot

.....YAO Jin'ai, HUANG Peng, ZHANG Jie, HOU Xiangyu, YU Deyi (785)

Control of *Tobacco Mosaic Virus* Disease with Crude Polysaccharides of *Agaricus blazei*

..... HU Die, TANG Qianjun, LUO Kun, WU Qiuyun, XIA Zhilan, LIU Min (790)

Post-harvest Treatment & Quality Safety

Effect of Pre-harvest Sucrose Solution Spray at the Latter Stage of Fruit Development on Quality of Litchi Fruit During Storage

..... YU Wentao, QU Shanshan, LI Mengmeng, WANG Guang, ZHU Shijiang (799)

Effects of Mixed Silage on Its Nutrient Composition and Fermentation Quality of *Stylosanthes guianensis* Reyan No. 2 and

Pennisetum purpureum × *P. glaucum* cv. Reyan No. 4

..... HAN Jiancheng, WU Qun, LIN Hongling, XU Zhijun, ZHOU Hanlin (809)

Effect of Gradient Alcohol Precipitation Process on the Structural Characteristics and Biological Activity of *Ganoderma*

lucidum Polysaccharides

..... LU Jianneng, MAI Biyi, LIU Yijun, ZHAO Yushi, CHEN Yunlan, LIN Lijing, ZHOU Dasheng, ZHANG Ming (816)

Ultrasound-assisted Extraction Process Optimization of Chlorogenic Acid from *Solanum xanthocarpum* Fruits and Its

Antioxidant Activity

.....GUO Meng, GUO Chun, JIANG Qing, GAO Linxiao (825)

Agricultural Ecology & Environmental Protection

Effects of Tropical Typical Organic Materials on Physicochemical Properties and Microbial Community Structure of Laterite Soils

.....SONG Shuhui, JIAO Jing, LI Puwang, WANG Chao, HE Zuyu, ZHOU Chuang, LIU Yunhao,

ZHANG Yuhan, LI Yunna, YANG Ziming (834)

Floristic Characteristics and Community Succession in Alpine Wetland of Mao'er Mountain, Guangxi, China

..... HUANG Xinyi, XIE Qiang, DING Liqiong, XIE Zhenxing, LU Zuzheng, XIE Yanjun, YU Bingning (846)

Characteristics and Causes of Wetland Vascular Plant Diversity in Jianhu Nature Reserve in Yunnan Province

..... WANG Yue, SHI Ming, DU Fan, CHA Wujing, BAI Xuexin, DAI Rong (858)

CN 46-1019/S*1980*m*A4*206*zh*P*¥50.00*300*23*2023-4

采编平台和微信公众号

《热带作物学报》在线采编平台通过改版和优化升级后,界面更友好,操作更便捷,可实现在线投稿、在线审稿、在线编辑办公、在线浏览期刊原文、了解期刊最新动态以及与编辑部实时互动等功能。《热带作物学报》微信公众号主要适用于移动终端设备,具备通过手机审稿、查询稿件状态、浏览全文等多种功能。

在线采编平台和微信公众号的开通,标志着《热带作物学报》已初步构建融媒体矩阵。今后,《热带作物学报》将充分发挥融媒体平台的优势,强化对外宣传,全方位提升质量和影响力,打造高端、优质的热带作物学科传播和学术交流平台。

《热带作物学报》在线采编平台:www.rdzwx.com



《热带作物学报》微信公众号



扫一扫 稿件查询更便捷
点一点 最新动态全知道



国内邮发代号 84-29
海外发行代号 BM 8915
国内定价 50.00 元

