

ISSN 1673-923X  
CODEN ZLKDA 5

# 中南林业科技大学学报

Journal of Central South University of Forestry & Technology

第40卷 | 第10期  
Volume 40 | Number 10

- ◆ 中国精品科技期刊
- ◆ 中国高校百佳科技期刊
- ◆ 全国中文核心期刊
- ◆ 中国科技核心期刊
- ◆ RCCSE中国权威学术期刊
- ◆ 中国科学引文数据库(CSCD)核心库来源期刊
- ◆ 农林领域我国高质量科技期刊分级目录T2期刊
- ◆ 美国CA、日本JST等来源期刊

10

2020  
中国·长沙

# 目次

## 林学

干旱胁迫对不同油茶品种叶片解剖结构的影响

.....何小三, 王玉娟, 徐林初, 龚春, 俞元春 (1)

空气温湿度对不同结构的红松松针床层含水率动态变化影响的室内模拟研究

.....张运林, 孙萍, 刘方策 (18)

湿地松中龄林施肥经济效应与最优施肥量研究 .....

陈家法, 魏志恒, 吴际友, 程勇, 张珉, 陈明皋, 廖德志, 张平, 刘欲晓, 刘炳材 (28)

核桃转录因子 *JrDof3* 的克隆及渗透胁迫表达分析

.....马凯恒, 张彤, 闫鹏宇, 李文凯, 李大培, 杨桂燕 (35)

基于 FY4 遥感数据的森林火灾判别研究... 熊得祥, 谭三清, 张贵, 吴鑫, 杨志高 (42)

基于巢式分组设计的板栗刺苞与坚果形态多样性分析 .....

刘亚斌, 郭素娟, 孙传昊 (51)

水曲柳促生蜡样芽胞杆菌 SQL0164 的分离鉴定及其根表定殖分析

.....刘悦, 詹亚光, 牛犇 (61)

香樟胚性与非胚性愈伤组织间的差异研究 .....

荆茹月, 霍坤, 李志辉 (70)

火焰卫矛微型快繁关键技术的建立 .....

卜祥潘, 黎俊伶, 窦玉洁, 王华芳 (79)

南方红豆杉雌株叶片碳氮营养对喷施生长调节剂的响应

.....袁雅琪, 王丽云, 袁小军, 卢园生, 钟秋平, 厉月桥 (87)

基质配比对山苍子容器苗生长的影响

.....杨玲, 梁春飞, 谷战英, 杨若楠, 姬雅欣, 林东亮 (94)

基于 ddGBS 的桉树 SNP 挖掘和系统进化分析

.....贾翠蓉, 朱显亮, 王莉, 周长品, 翁启杰, 甘四明, 李发根 (101)

基于林层哑变量的湖南栎类天然次生林断面积生长模型

……………刘飞虎, 屠维亚, 朱光玉, 王忠诚, 胡松, 卢侃, 陈昊泓, 赵书阁 (109)

**生态学**

秦岭山地松栎林土壤理化性质耦合关系……………吴昊, 董思谨, 王文浩 (117)

伐藤对五指山市低海拔次生林群落特征的影响

……………林承博, 陈国德, 张何信, 符生波, 杜尚嘉, 童思远, 余雪标 (127)

**林业工程**

6 种桉树人工林木材纤维特性及变异规律

……………陈桂丹, 郑佳琪, 蒙芳慧, 陈少雄, 陈艳, 王建忠 (137)

尾巨桉杂种 F<sub>1</sub> 代纸浆材材质性状和化学组分遗传分析

……………沈乐, 徐建民, 李光友, 伍世杰, 白惠文, 梁国坚 (143)

顶空固相微萃取 - 气质联用分析不同发酵方式蓝莓酒的香气物质成分及特征

……………国田, 夏晓雨, 张娜, 柴洋洋, 郭庆启 (150)

糠醇树脂改性对重组竹性能的影响研究

……………刘颖, 李昀彦, 杨喜, 王勇, 徐康, 李贤军, 刘元 (160)

**风景园林学**

少数民族传统聚落景观基因特征识别与传承——以大研古镇为例

……………陈娟, 唐雪琼, 王红崧, 吕光耀 (169)

CONTENTS

Effects of drought stress on leaf anatomical structure of different *Camellia oleifera* cultivars  
..... HE Xiaosan, WANG Yujuan, XU Linchu, GONG Chun, YU Yuanchun (1)

Effects of indoor simulated air temperature and relative humidity on the moisture contents of the needle beds with different compactness of red pine  
..... ZHANG Yunlin, SUN Ping, LIU Fangce (18)

Study on the economic effect of fertilization and the optimal amount of fertilization in the middle age *Pinus elliottii* plantation  
..... CHEN Jiafa, WEI Zhiheng, WU Jiyong, CHENG Yong, ZHANG Min, CHEN Minggao, LIAO Dezhi, ZHANG Ping, LIU Yuxiao, LIU Bingcai (28)

Cloning and expression analysis of walnut transcription factor *JrDof3* to osmotic stress  
..... MA Kaiheng, ZHANG Tong, YAN Pengyu, LI Wenkai, LI Dapei, YANG Guiyan (35)

Forest fire discrimination research based on FY4 remote sensing data ..... XIONG Dexiang, TAN Sanqing, ZHANG Gui, WU Xin, YANG Zhigao (42)

Morphological diversity analysis of chestnut thorns bract and nuts based on nested grouping design ..... LIU Yabin, GUO Sujuan, SUN Chuanhao (51)

Isolation, identification and colonization analysis of *Bacillus cereus* SQL0164 promoted the growth of *Fraxinus mandshurica*  
..... LIU Yue, ZHAN Yaguang, NIU Ben (61)

Difference between embryogenic and non-embryogenic callus of *Cinnamomum camphora* L. .... JING Ruyue, HUO Kun, LI Zhihui (70)

Establishment of micropropagation in *Euonymus alatus* cv. 'Compacta' ..... BU Xiangpan, LI Junlin, DOU Yujie, WANG Huafang (79)

Response of foliar carbon and nitrogen nutrition of female *Taxus chinensis* var. *mairei* to spraying plant growth regulators  
..... YUAN Yaqi, WANG Liyun, YUAN Xiaojun, LU Yuansheng, ZHONG Qiuping, LI Yueqiao (87)

Effect of substrate proportion on the growth of container seedlings of *Litsea cubeba*  
..... YANG Ling, LIANG Chunfei, GU Zhanying, YANG Ruonan, JI Yaxin, LIN Dongliang (94)

SNPs discovery and phylogenetic analysis in *Eucalypts* using ddGBS  
..... JIA Cuirong, ZHU Xianliang, WANG Li, ZHOU Changpin, WENG Qijie, GAN Siming, LI Fagen (101)

Basal areagrowth model for oak natural secondaryforest in Hunan province based on dumb variables of forest layer effect  
..... LIU Feihu, TU Weiya, ZHU Guangyu, WANG Zhongcheng, HU Song, LU Kan, CHEN Haohong, ZHAO Shuge (109)

Coupling relationship between physical and chemical properties of soil within pine-oak mixed forest in Qinling mountains  
..... WU Hao, DONG Sijin, WANG Wenhao (117)

Effect of eliminate lianas on community characteristics of secondary forest at low altitude in Wuzhishan city  
..... LIN Chengbo, CHEN Guode, ZHANG Hexin, FU Shengbo, DU Shangjia, TONG Siyuan, YU Xuebiao (127)

Study on the characteristics and variation of wood fiber in six *Eucalyptus* plantations  
..... CHEN Guidan, ZHENG Jiaqi, MENG Fanghui, CHEN Shaoxiong, CHEN Yan, WANG Jianzhong (137)

Genetic analysis for wood traits and chemical composition in *Eucalyptus urophylla* × *E. grandis* F<sub>1</sub> hybrids  
..... SHEN Le, XU Jianmin, LI Guangyou, WU Shijie, BAI Huiwen, LIANG Guojian (143)

Analysis of aroma components and characteristics of different fermentation modes of blueberry wine by headspace solid phase microextraction-gas  
mass spectrometry ..... GUO Tian, XIA Xiaoyu, ZHANG Na, CHAI Yangyang, GUO Qingqi (150)

Effect of furfurylation on the properties of reconstituted bamboo  
..... LIU Ying, LI Yunyan, YANG Xi, WANG Yong, XU Kang, LI Xianjun, LIU Yuan (160)

The characteristics identification and inheritance of landscape genes in Chinese minority areas: a case study in Dayan ancient town  
..... CHEN Juan, TANG Xueqiong, WANG Hongsong, LYU Guangyao (169)