

# 中南林业科技大学学报

Journal of Central South University of Forestry & Technology

第41卷	第6期
Volume 41	Number 6

第四十一卷

第六期

- ◆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
- ◆中国农林核心期刊
- ◆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

6

2021  
中国·长沙

目次

林学

滇楸优良无性系对水淹胁迫的生理响应及综合评价  
..... 杜克兵, 彭 婵, 赵天宇, 黄国伟, 马林江, 张新叶 (1)

三花越橘群落结构及植物多样性 ..... 郝 磊, 龙海燕, 邓伦秀, 戴晓勇 (11)

干旱胁迫对泡桐幼苗生长和叶绿素荧光参数的影响  
..... 张雅梅, 茹广欣, 肖梦雨, 李 娟, 徐 静, 王帅龙, 朱秀红 (22)

基于 Landsat 8 影像的地温对森林地上生物量的影响  
..... 郝 洸, 张 挺, 厉香蕴, 徐良泉, 谢 天 (31)

黑木相思木材化学组分对其颜色株内变异的影响  
..... 周 凡, 高 鑫, 付宗营, 袁珍飞, 周永东 (42)

多地点樟树家系遗传参数估算与综合选择 ..... 魏志恒, 吴际友, 程 勇, 陈明皋,  
张 珉, 廖德志, 张 平, 刘欲晓, 龙三元, 江 斌 (51)

基于多级可拓法的抚育间伐强度对测树因子影响效果评价  
..... 赵 状, 董希斌, 曲杭峰, 宋鑫戋, 刘 慧 (59)

不同程度受害白蜡林分的白蜡窄吉丁发生特点  
..... 李 硕, 周在豹, 闫国增, 柳絮飞, 胡 阳, 姚圣忠, 李 凯 (71)

桉树不同间伐强度下套种乡土树种对林分生长和土壤理化性质的影响  
..... 黄木易, 梁燕芳, 苏福聪, 朱原立, 李志辉, 刘立玲, 赵苏亚, 龚映匀 (81)

外源钙离子对 NaCl 胁迫下油茶花粉萌发的影响  
..... 卢梦琪, 周俊琴, 刘懿瑶, 杨 进, 谭晓风 (91)

## 生态学

- 神农架大九湖国家湿地公园景观格局动态变化 .....杨 利, 刘 勇 (99)
- 湘中丘陵地区 4 种植物群落的物种组成和数量特征 .....王智慧, 陈金磊, 方 晰 (112)
- 氮添加对米槁林下土壤养分及酶活性的影响  
.....黄路婷, 刘济明, 李 佳, 陈 梦, 廖晓锋 (122)

## 生物学

- 基于 SSR 分子标记的桃品种鉴别及指纹图谱构建.....王 淋, 敖 敦, 包文泉, 张淑宁,  
陈俊兴, 李凤鸣, 孟繁庆, 杨钰莹, 白玉娥 (131)

## 林业工程

- 油茶籽微波真空干燥特性 .....汤小红, 李程懿, 黄 丹, 徐玉恒, 张 宏, 龚永健 (139)
- 蒸汽爆破预处理提高杜仲总黄酮产量的效果  
.....丁欢欢, 张 宁, 王 璐, 杜庆鑫, 杜红岩, 刘攀峰, 孙志强 (147)
- 基于离散小波变换与遗传 BP 神经网络的木工刀具磨损状态监测  
.....董伟航, 胡 勇, 田广军, 邱学海, 郭晓磊 (157)
- 基于 Griffith 断裂准则的根系固土力学模型 .....睦子凡, 易 文 (167)
- 不同提取方法对杜仲胶提取率及胶特性的影响 .....袁 婷, 秦利军, 赵德刚 (175)

## 风景园林学

- 贵阳市行道树资源调查与结构特征 .....赵扬辉, 陈永毕, 王 博, 池永宽, 张 莹 (182)

CONTENTS

Physiological response and comprehensive evaluation of elite clones of <i>Catalpa fargesii</i> Bur. f. <i>duclouxii</i> under waterlogging stress	DU Keping, PENG Chan, ZHAO Tianyu, HUANG Guowei, MA Linjiang, ZHANG Xinye (1)
Study on community structure and plant diversity of <i>Vaccinium triflorum</i>	HAO Lei, LONG Haiyan, DENG Lunxiu, DAI Xiaoyong (11)
Influence of drought stress on the growth and chlorophyll fluorescence of <i>Paulownia</i> seedling	ZHANG Yamei, RU Guangxin, XIAO Mengyu, LI Juan, XU Jing, WANG Shuailong, ZHU Xiuhong (22)
Influence mechanism of land surface temperature to the forest aboveground biomass based on the Landsat 8 image	HAO Shuang, ZHANG Ting, LI Xiangyun, XU Liangquan, XIE Tian (31)
Effect of chemical components on wood color variation of <i>Acacia melanoxylon</i>	ZHOU Fan, GAO Xin, FU Zongying, QIU Zhenfei, ZHOU Yongdong (42)
Estimation of genetic parameters and comprehensive selection of <i>Cinnamomum camphora</i> families in multiple locations based on HalfsibMS	WEI Zhiheng, WU Jiyong, CHENG Yong, CHEN Minggao, ZHANG Ming, LIAO Dezhi, ZHANG Ping, LIU Yuxiao, LONG Sanyuan, JIANG Bin (51)
Evaluation on the effect of thinning intensity on the tree-measurement factors based on multi-level extension method	ZHAO Zhuang, DONG Xibin, QU Hangfeng, SONG Xinyu, LIU Hui (59)
Characteristics of <i>Agrilus planipennis</i> Fairmaire in different damage degree ash groves	LI Shuo, ZHOU Zaibao, YAN Guozeng, LIU Xufei, HU Yang, YAO Shengzhong, LI Kai (71)
Effects of interplanting native tree species on stand growth and soil physical and chemical properties under different thinning intensities of <i>Eucalyptus</i>	HUANG Mui, LIANG Yanfang, SU Fucong, ZHU Yuanli, LI Zhihui, LIU Liling, ZHAO Suyu, GONG Yingyun (81)
Effects of exogenous $Ca^{2+}$ on pollen germination of <i>Camellia oleifera</i> under NaCl stress	LU Mengqi, ZHOU Junqin, LIU Yiyao, YANG Jin, TAN Xiaofeng (91)
Dynamic changes of landscape pattern in Shennongjia Dajiuhe national wetland park	YANG Li, LIU Yong (99)
Species composition and quantitative characteristics of four plant communities in hilly region of central Hunan province, China	WANG Zhihui, CHEN Jinlei, FANG Xi (112)
Effects of nitrogen addition on soil nutrients and enzyme activities under <i>Cinnamomum migao</i> forest	HUANG Luting, LIU Jiming, LI Jia, CHEN Meng, LIAO Xiaofeng (122)
Research on the identification of main peach varieties and construction of fingerprint based on SSR markers	WANG Lin, AO Dun, BAO Wenquan, ZHANG Shuning, CHEN Junxing, LI Fengming, MENG Fanqing, YANG Yuying, BAI Yu'e (131)
Microwave vacuum drying characteristics of oil camellia seed	TANG Xiaohong, LI Chengyi, HUANG Dan, XU Yuheng, ZHANG Hong, GONG Yongjian (139)
Effect of enhancing total flavonoids yield from <i>Eucommia ulmoides</i> Oliver via steam explosion	DING Huanhuan, ZHANG Ning, WANG Lu, DU Qingxin, DU Hongyan, LIU Panfeng, SUN Zhiqiang (147)
Woodworking tool wear condition monitoring based on discrete wavelet transformation and genetic algorithm - BP neural network	DONG Weihang, HU yong, TIAN Guangjun, QIU Xuehai, GUO Xiaolei (157)
A root-reinforced soil mechanics model based on the Griffith fracture criterion	SUI Zifan, YI Wen (167)
Effects of different extraction methods on extraction yield and properties of <i>Eucommia</i> rubber	YUAN Ting, QIN Lijun, ZHAO Degang (175)
Resource investigation and structure characteristic of street trees in urban area of Guiyang	ZHAO Yanghui, CHEN Yongbi, WANG Bo, CHI Yongkuan, ZHANG Ying (182)