

ISSN 1673-923X
CODEN ZLKDA5

中南林业科技大学学报

Journal of Central South University of Forestry & Technology

第38卷	第6期
Volume 38	Number 6

- ◆ 中国精品科技期刊
- ◆ 中国高校优秀科技期刊
- ◆ 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)来源期刊
- ◆ 中国科技论文与引文数据库(CSTPCD)来源期刊
- ◆ 美国CA、日本JST等来源期刊

6

2018
中国·长沙

目次

林学

- 树轮考古学研究进展·····祁承经,彭继庆,彭春良,廖菊阳(1)
- 绵枣儿花部综合特征与繁育系统·····何淼,王想,王欢,高文杰,王霖佳,周蕴薇(13)
- 广东省樟树立木生长规律和生长模型研究·····林丽平,徐期瑚,罗勇,雷渊才(23)
- 基于FDCT与ELM的遥感影像湿地类型分类——以黄家湖国家湿地公园为例
·····辛动军,袁梦,陈建安,钟旭,臧艺元,胡平,钟国忠,唐鼎,王传立(30)
- 毛乌素沙地油蒿植冠下表层土壤粒径特征分析
·····张军红,徐义萍,王文鑫,何季,彭炜峰(36)
- 思茅松天然成熟林林分直径结构及环境解释
·····吴文君,胥辉,黄明泉,李超,闫妍宇,魏安超,熊河先,欧光龙(41)
- 不同施肥种类及用量对芳樟生长及抗性生理的影响
·····曾进,何正和,潘洋刘,桂聪,胡冬南,张露(50)
- 不同波长诱虫灯对思茅松毛虫监测研究·····张娟,张贵,王双,徐海舟(56)
- 基于卫星监测的湖南省林火时空分布规律研究·····阙华斐,谭三清,周瑾,张贵(61)
- 普通油茶花粉的超低温保存研究·····常维霞,姚小华,龙伟(66)
- 氮磷钾施肥对比对青冈栎幼苗生长的影响·····
程勇,吴际友,刘球,陈明皋,张珉,陈家法,吴哲,廖德志,吴玲,陈德云(71)

生物学

广东木荷资源的基因型特征分析

.....汪迎利, 陈一群, 蔡燕灵, 连辉明, 何波祥, 曾令海, 陈琪, 张谦 (75)

绿绒蒿属藏药植物 *ndhF* 和 *rbcL* 序列片段特征分析

.....屈燕, 赵琬玥, 区智, 冷秋思, 熊健 (84)

生态学

不同强度间伐对日本落叶松人工林生长及林下植物多样性的影响

.....汤景明, 孙拥康, 冯骏, 林孝培 (90)

广西大青山西南桦人工林草本优势种群生态位研究

.....庞圣江, 张培, 杨保国, 刘士玲, 邓硕坤, 贾宏炎 (94)

极小种群野生植物海南假韶子群落土壤特性研究

.....蔡开朗, 麦志通, 曾德华, 陈伟玉, 刘俊, 洪文君 (102)

不同林分改造模式对加勒比松林林下植物多样性和土壤物理性质的影响

.....方怡然, 李洁, 薛立 (109)

4 种木本植物对重金属铅、锌的积累及叶片养分含量特征研究

.....王旭旭, 黄鑫浩, 胡丰姣, 朱凡, 梁惠子, 王仁杰, 楚晶晶, 朱雅荃 (115)

重金属铅对榉树幼树叶绿素荧光参数的影响

.....邱岚, 何颀, 黄鑫浩, 朱凡, 王仁杰, 梁惠子 (123)

林业工程

纳米颗粒增强木质滑动轴承的制备及摩擦磨损性能研究

.....王奇, 蒋康, 夏余平, 彭博, 刘克非, 吴庆定 (130)

本期执行编辑: 吴彬

CONTENTS

Study progress on dendrochaology.....QI Chengjing, PENG Jiqing, PENG Chunliang, LIAO Juyang (1)

Floral syndrome and breeding system of *Barnardia japonica*
.....HE Miao, WANG Xiang, WANG Huan, GAO Wenjie, WANG Jijia, ZHOU Yunwei (13)

Study on the growth laws and models of *Cinnamomum camphora* in Guangdong province
.....LIN Liping, XU Qihu, LUO Yong, LEI Yuancai (23)

Method for automatic identification of wetland types using FDCT and ELM——Taking Huangjiahu National Wetland Park as an example
XIN Dongjun, YUAN Meng, CHEN Jianan, ZHONG Xu, ZANG Yiyuan, HU Ping, ZHONG Guozhong, TANG Nai, WANG Chuanli (30)

Analysis on the characteristics of surface soil particle size under the canopy of *Artemisia ordosica* in Mu Us sandy land
.....ZHANG Junhong, XU Yiping, WANG Wenxin, HE Ji, PENG Weifeng (36)

Stand diameter structure and environmental explanation for *Pinus kesiya* var. *langbianensis* natural mature forests
.....WU Wenjun, XU Hui, HUANG Mingquan, LI Chao, LV Yanyu, WEI Anchao, XIONG Hexian, OU Guanglong (41)

The effects of different types and dosage of fertilization on the growth and resistance of Camphor
.....ZENG Jin, HE Zhenghe, PAN Yangliu, GUI Cong, HU Dongnan, ZHANG Lu (50)

Study on the monitoring of *Dendrolimus kikuchii* Matsumura by different wavelengths of trap lamp
.....ZHANG Juan, ZHANG Gui, WANG Shuang, XU Haizhou (56)

Study on temporal and spatial distribution of forest fires in Hunan province based on satellite monitoring
.....QUE Huafei, TAN Sanqing, ZHOU Cui, ZHANG Gui (61)

The cryopreservation of *Camellia oleifera* pollen.....CHANG Weixia, YAO Xiaohua, LONG Wei (66)

Effect of ratio fertilization of N,P,K on seedling growth of *Cyclobalanopsis glauca*.....
CHENG Yong, WU Jiyou, LIU Qiu, CHEN Minggao, ZHANG Min, CHEN Jiafa, WU Zhe, LIAO Dezhi, WU Ling, CHEN Deyun (71)

Genotypic characteristics of *Schima superba* resources from Guangdong province
.....WANG Yingli, CHEN Yiqun, CAI Yanling, LIAN Huiming, HE Boxiang, ZENG Linghai, CHEN Qi, ZHANG Qian (75)

Analysis of chloroplast gene *ndhF* and *rbcL* sequences of Tibetan medicine plants of *Meconopsis*
.....QU Yan, ZHAO Wanyue, OU Zhi, LENG Qiusi, XIONG Jian (84)

Influence of thinning on the growth and the diversity of undergrowth of *Larix kaempferi* plantation forest
.....TANG Jingming, SUN Yongkang, FENG jun, LIN xiaopei (90)

Niche characteristics of dominant herbage populations within *Betula alnoides* plantations in Daqingshan mountain areas of Guangxi
.....PANG Shengjiang, ZHANG Pei, YANG Baoguo, LIU Shiling, DENG Shuokun, JIA Hongyan (94)

Study on soil characteristics and differences in the distribution area of extremely small population of *Paranephelium hainanensis* community
.....CAI Kailang, MAI Zhitong, ZENG Dehua, CHEN Weiyu, LIU Jun, HONG Wenjun (102)

Impact of stand transformation on plant diversity and soil physical properties in *Pinus caribaea* stands
.....FANG Yiran, LI Jie, XUE Li (109)

Characteristics of Pb, Zn accumulation and foliar nutrient in four kinds of woody species
.....WANG Xuxu, HUANG Xinhao, HU Fengjiao, ZHU Fan, LIANG Huizi, WANG Renjie, CHU Jingjing, ZHU Yaquan (115)

Response of chlorophyll fluorescence characteristic of *Zelkova schneideriana* sapling to Pb pollution
.....QIU Lan, HE Qi, HUANGXinhao, ZHU Fan, WANG Renjie, LIANG Huizi (123)

Preparation of nano particles reinforced wooden sliding bearing and study on its friction and wear property
.....WANG Qi, JING Kang, XIA Yuping, PENG Bo, LIU Kefei, WU Qingding (130)