

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35卷 | 第7期
Volume 35 | Number 7

- ◆ 全国中文核心期刊
- ◆ 全国高校优秀科技期刊
- ◆ 全国优秀高校自然科学学报
- ◆ 中国科技核心期刊
- ◆ RCCSE中国核心学术期刊
- ◆ 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

7

2015
中国·长沙

目次

林学

- 油杉表型差异分析及优树选择.....肖祥希,高楠,何文广,等(1)
- 模糊综合评价法在九万山自然保护区综合评价中的应用.....刘德晶,邓立斌,陈端吕,等(7)
- 油桐 delta 8 脱饱和酶基因的全长 cDNA 克隆及序列分析.....龙洪旭,谭晓风,张琳,等(12)
- 白桦 *BpGT14* 基因表达载体及 RNA 干扰载体的构建.....李蕾蕾,孙丰坤,李晓一,等(17)
- 基于有效积温对轮台小白杏果实品质动态影响的关联分析...蒋江照,毛金梅,王建友,等(22)
- 中国野生秋子梨花形状遗传多样性研究.....许靖诗,乌云塔娜,王广军(27)
- 野生平榛种质资源的形态特征变异分析左慧(31)
- 南亚热带珍稀濒危树种格木生长规律研究.....唐继新,贾宏炎,麻静,等(37)
- 不同基质配方对降香黄檀幼苗生长生理的影响.....孙洁,刘俊,郁培义,等(45)
- 基于不同抽样方案的三峡库区林地面积遥感监测研究.....何彦然,彭道黎,李支霄,等(50)
- 基于 Voronoi 图的奥林匹克森林公园风景游憩林空间结构分析...朱俐娜,彭祚登,俞琳锋(57)
- 长果安息香夏季光合蒸腾日变化与其环境因子的关系.....黄滔,唐红,廖菊阳,等(62)
- 不同海拔川滇高山栎丙二醛和脯氨酸含量及其影响因子.....赵广,朱万泽,谢静,等(69)

生态学

- 基于 Landsat8 卫星影像的重工业城市热岛效应研究——以柳州市为例
.....黎良财, Deng-sheng LU, 张晓丽, 等(74)

湖南省马尾松林生物量动态特征及其对龄组结构变化的响应

.....郭 屹, 项文化, 刘 聪, 等 (81)

湘中丘陵区石栎 - 青冈栎常绿阔叶林土壤钾含量空间异质性及其影响因子研究

.....梁 贵, 项文化, 赵仲辉, 等 (88)

亚热带杉木人工林生物量及其碳储量分布——以福建将乐县杉木人工林为例

.....涂宏涛, 孙玉军, 刘素真, 等 (94)

加根条件下 PAHs 污染土壤理化性质的动态变化.....赵文滔, 朱 凡, 陈 婷, 等 (100)

白腐真菌对氯丹污染土壤的生物修复研究.....杨东璇, 肖鹏飞 (105)

RHD3 遗传互作因子突变体 *rren108* 的表型观察及遗传学分析

.....杨 亚, 袁德义, 范晓明, 等 (110)

费菜在水分胁迫下的生理响应研究.....曾 红, 杨柳青, 朱小青, 等 (115)

林业工程

基于 Inventor 的油茶果采摘机器人机械臂力学分析.....高自成, 李立君, 王勇桦, 等 (121)

基于杨木纤维发酵产丁醇工艺条件的研究.....钟 洁, 王义强, 华涟滩, 等 (125)

毛竹笋醋醋酸菌的筛选.....涂 佳, 艾文胜, 杨 明, 等 (131)

农林经济管理

我国畜牧业生产效率及区域差异分析.....兰 勇, 姚屹浓 (136)

简 讯

湖南省生态文明研究会成立 (封三)

CONTENTS

Analysis on phenotypic variations of *Keteleeria fortunei* and plus tree selectionXIAO Xiang-xi, GAO-nan, HE Wen-guang, *et al.* (1)

Application of fuzzy method in comprehensive evaluation of Jiuwanshan Nature ReserveLIU De-jing, DENG Li-bin, CHEN Duan-lu, *et al.* (7)

Molecular cloning of full-length cDNA of delta 8 fatty acid desaturase gene from *Vernicia fordii*
.....LONG Hong-xu, TAN Xiao-feng, ZHANG Lin, *et al.* (12)

Construction of *BpGT14* gene expression vector and RNA interference vector in *Betula platyphylla*
.....LI Lei-lei, SUN Feng-kun, LI Xiao-yi, *et al.* (17)

Based on the effective accumulated temperature of luntai little white apricot fruit quality dynamic effect of correlation analysis
.....JIANG Jiang-zhao, MAO Jin-mei, WANG Jian-you, *et al.* (22)

Study on genetic diversity of wild *Pyrus ussuriensis* flower sharp in ChinaXU Jing-shi, WUYUN Ta-na, WANG Guang-jun (27)

Variation analysis of morphological characters of wild *Corylus heterophylla* Fisch germplasm resourcesZUO Hui (31)

Study on the growth law of a rare and endangered tree species of *Erythrophleum fordii* in south subtropical Area of China
.....TANG Ji-xin, JIA Hong-yan, MA Jing, *et al.* (37)

Effects of growth physiology on *Dalbergia odorifera* seedlings by different matrixesSUN Jie, LIU Jun, YU Pei-yi, *et al.* (45)

Research of forestland area monitoring by remote sensing in Three Gorges reservoir area based on different sample methods
.....HE Yan-ran, PENG Dao-li, LI Yun-xiao, *et al.* (50)

Analysis of spatial structure of scenic and recreational forest of olympic forest park based on Voronoi
.....ZHU Li-na, PENG Zuo-deng, YU Lin-feng (57)

Photosynthesis and transpiration characteristics of *Changiotyrox raxdolicocarpa* and their relations with environmental factors
.....HUANG Tao, TANG Hong, LIAO Ju-yang, *et al.* (62)

Malondialdehyde and proline contents in *Quercus aquifolioides* at different altitude gradients and their impact factors
.....ZHAO Guang, ZHU Wan-ze, XIE Jing, *et al.* (69)

Study on urban heat island effect of heavy industries based on landsat 8 satellite imagery——A case study in Liuzhou city
.....LI Liang-cai, Deng-sheng LU, ZHANG Xiao-li, *et al.* (74)

Changes in total stand biomass of *Pinus massoniana* forests and its response to age class structure in Hunan Province, China
.....GUO Yi, XIANG Wen-hua, LIU Cong, *et al.* (81)

Spatial heterogeneity of soil potassium (K) concentration and its affecting factors in a *Lithocarpus glaber-Cyclobalanopsis glauca* evergreen
broadleaved forest in central hilly area of Hunan Province, ChinaLIANG Gui, XIANG Wen-hua, ZHAO Zhong-hui, *et al.* (88)

Stand biomass and carbon storage distribution of Chinese fir plantation in Subtropical ChinaTU Hong-tao, SUN Yu-jun, LIU Su-zhen, *et al.* (94)

The dynamic changes of physical-chemical properties in PAHs contaminated soil under roots addition
.....ZHAO Wen-tao, ZHU Fan, CHNE Ting, *et al.* (100)

Bioremediation of chlordane-contaminated soil by white rot fungusYANG Dong-xuan, XIAO Peng-fei (105)

Phenotypic and genetic characterization of a RHD3 genetic interactor mutant *rren108*YANG Ya, YUAN De-yi, FAN Xiao-ming, *et al.* (110)

Physiological responses of *Sedum aizoon* under water stressZENG Hong, YANG Liu-qing, ZHU Xiao-qing, *et al.* (115)

Mechanical arm strength analysis of *Camellia* fruit picking robot based on inventorGAO Zi-cheng, LI Li-jun, WANG Yong-hua, *et al.* (121)

Study on fermentation condition for producing butanol from poplar fibersZHONG Jie, WANG Yi-qiang, HUA Lian-tan, *et al.* (125)

Screening for *Acetobacter* spp. form spring shoot of *Phyllostachys pubescens* vinegar fermentation ...TU Jia, AI Wen-sheng, YANG Ming, *et al.* (131)

Analysis on animal husbandry production efficiency and regional difference in ChinaLAN Yong, YAO Yi-nong (136)

中南林业科技大学学报

ZHONGNAN LINYE KEJI DAXUE XUEBAO

(月刊, 1981年创刊)

第35卷第7期(总第169期) 2015年7月出版

主管单位 湖南省教育厅

主办单位 中南林业科技大学

主 编 刘 元

社 长 伍 谦

编辑出版 《中南林业科技大学学报》编辑部

湖南长沙市韶山南路498号 邮政编码: 410004

电话: 0731-85623395

<http://qks.csuft.edu.cn>

印 刷 长沙市雅捷印务有限公司

国外总发行 中国出版对外贸易总公司

(北京782信箱, 邮编: 100011)

国内发行 中南林业科技大学期刊社

JOURNAL OF CENTRAL SOUTH UNIVERSITY OF FORESTRY & TECHNOLOGY

(Monthly, Started in 1981)

Vol. 35 No. 7 (Sum 169) Jul. 2015

Administered by Education Department of Hunan Province

Sponsored by Central South University of Forestry & Technology

Chief Editor LIU Yuan

Periodicals Press Director WU Qian

Edited & Published by Ed.Dept.of Journ.of CSUFT
(Changsha 410004, Hunan, China)
<http://qks.csuft.edu.cn>

Printed by Changsha Yajie Color Printing Co.Ltd.

Distributed abroad by China National Publishing Industry Trading Corporation
(P.O.BOX 782, Beijing,100011, China)

Distributed domestically by Periodicals Press of CSUFT

刊 号: ISSN 1673-923X
CN43-1470/S

订阅网址: www.kankan.com.cn

国内定价: 20.00元/本

◎平面设计=周基东设计工作室

ISSN 1673-923X



9 771673 923156