

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32卷 | 第4期
Volume 32 | Number 4

- ◆ 全国中文核心期刊
- ◆ 全国优秀高校学报
- ◆ 教育部优秀科技期刊
- ◆ 中国科技核心期刊
- ◆ RCCSE中国学术核心期刊
- ◆ 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

4

2012
中国·长沙

目次

林学

- 南方集体林区南酸枣次生林林分结构研究曾思齐,李俊,李东丽,等(1)
- 台湾栲木无性系的生长性状比较.....陈建华,纪程灵,吴际友,等(7)
- 利用树木年轮研究湖南炎陵气温变化情况——1840年以来5~7月份气温变化情况重建
.....曹受金,曹福祥,项文化(10)
- 高产油茶夏早期不同经营措施对其果形生长的影响左继林,王玉娟,龚春,等(15)
- 闽南山地桉树优良无性系选择李光友,徐建民,陆钊华,等(21)
- 麻疯树不同器官的营养分布特征王秀荣,丁贵杰,谢毅,等(26)
- 低磷胁迫对不同种源马尾松幼苗氮钾吸收与利用的影响.....秦晓佳,丁贵杰(32)
- 22种连蕊茶扦插繁殖比较.....刘焯,张亚利,王立翠,等(37)
- 数字式多功能测树仪的研制.....刘发林,曾思齐,鄢前飞,等(41)
- 邓恩桢在闽北年节律与多年生林分生长适应性探讨.....郭祥泉(45)
- 红椎人工林生长规律的初步研究唐继新,白灵海,郭文福,等(51)
- 贵州西部光皮桦天然次生林生物量和净生产力的研究高艳平,潘明亮,丁访军,等(55)
- 气候对甘肃小陇山松落叶病害的影响研究.....许彦平,姚晓红,袁佰顺,等(61)
- WebGIS与知识库在森林病虫害预测中的应用孙晓莹(65)
- 渝北立地因子对篾竹地上生物量的影响黄甫昭,范怡,王福升,等(70)
- 空间自相关分析及绿地覆盖率的分层抽样估计.....孙皓晗,余光辉,温小荣,等(75)
- 木荷次生林种内和种间竞争研究.....申瀚文,鄢前飞,曾思齐,等(81)
- 竹柏林6年生单叶省藤的生长指标和光合特征李建光,李荣生,尹光天,等(86)
- 盆栽条件下三个油茶栽培种的光合蒸腾特性比较.....高雪,莫宝盈,奚如春,等(89)
- 杉木根际溶磷菌筛选及其部分特性的初步研究.....李蓉,周德明,吴毅,等(95)
- 不同滴灌处理对黄藤人工林生长的影响.....寇亮,尹光天,杨锦昌,等(100)

生态学

- 区域生态足迹计算及可持续发展能力评价——以万泉河流域为例
.....关进平,张伟,余济云,等(105)
- 基于层次分析法的森林景观边缘效应强度分析.....王国华,李际平,赵春燕(110)
- 江西省农作物对大气CO₂吸收能力的研究.....傅强,康文星,吴湘雄(117)
- 万泉河流域生态经济可持续发展评价指标的研究张伟,余济云,郭霞,等(122)
- 白洋淀湿地资源遥感的监测林皓波,吴新玲,刘菲,等(127)
- 森林生态文明城市评价方法的研究周命义(131)

生物科学与技术

- 光皮树花药愈伤组织原生质体分离的研究李昌珠,王丽华,陈建华,等(135)
八角属部分种质资源的 AFLP 分析潘晓芳,孙雪阳,张振林,等(140)
油茶 DGAT1 基因的全长 cDNA 序列克隆及分析刘 凯,谭晓风,龙洪旭,等(148)
银杏不同外植体的细胞学观察——体胚发生不定芽诱导及不定根的发生过程
.....盛丽莉,陈 颖,汪南阳,等(153)
马尾松 EST-SSR PCR 体系的优化邵俊培,李志辉,杨模华,等(159)
毛果杨 WND1B 基因启动子的克隆与缺失初步分析黄 婷,徐刚标(164)
柿属植物基因组 DNA 提取方法比较梁玉琴,李芳东,傅建敏,等(170)

生物材料化学

- 千年桐根的化学成分研究张 盛,褚文静,毛绍名,等(174)
氧化剂次氯酸钠利用率及氧化淀粉结晶度的研究刘 灿,顾继友,张彦华(177)

环境科学与技术

- 怀化市区空气污染物时间变化特征及其成因分析陈可心,方 晰,马仁明(181)

生态旅游

- 凤凰古城旧城区道路景观的研究唐碧雲,堀 繁,田代展子,等(188)

植物学·昆虫学

- 温度胁迫薰衣草花精气挥发的机理分析徐洁华,文首文(194)
不同因子对齿瓣石斛增殖系数和平均苗高的影响崔秋华,孙永玉,李 昆,等(200)
黄脊雷鳷蝗生物学特性及若虫各龄期雌雄的区分孙桂霞,赵 琴,朱道弘(204)

林业工程

- 落叶松木材改性的研究现状及发展趋势史 嵩,张守攻,吕建雄,等(210)
人造板连续压机的压力自动控制系统研究李新华,邓贞贞,邓富洲(216)
林木球果采集机器人的轴传动受力仿真研究丁豪杰,刘亚彬(220)

简讯二则

- 我校学报和《经济林研究》双双入选全国中文核心期刊(封二)
《经济林研究》出版 30 卷暨中文核心期刊首发式举行(封三)

CONTENTS

Research on diameter structure of *Choerospondias axillaris* secondary forest in southern collective forest area ZENG Si-qi, LI Jun, LI Dong-li, et al.(1)

Growth performance comparison of *Alnus formosana* clones CHEN Jian-hua, JI Cheng-ling, WU Ji-you, et al.(7)

Tree-ring-based reconstruction of temperature variations from May to July since 1840 in Yanling county of Hunan province, China CAO Shou-jin, CAO Fu-xiang, XIANG Wen-hua(10)

Effects of different management measures on the fruit shape growth of high yield *Camellia oleifera* under during the summer drought period ZUO Ji-lin, WANG Yu-juan, GONG Chun, et al.(15)

Growing and form-quality study on the clones of *Eucalyptus* in southern Fujian LI Guang-you, XU Jian-min, LU Zhao-hua, et al.(21)

Nutrition distributing in different organs of *Jatropha curcas* WANG Xiu-rong, DING Gui-jie, XIE Yi, et al.(26)

Effects of low phosphorus stress on absorption and utilization of nitrogen and potassium in different provenances *Pinus massoniana* seedlings QIN Xiao-jia, DING Gui-jie(32)

Study on cutage propagation of 22 species of Sect. *Theopsis* of *Camellia* LIU Zhao, ZHANG Ya-li, WANG Li-cui, et al.(37)

Development of digital multi-function dendrometer LIU Fa-lin, ZENG Si-qi, YAN Qian-fei, et al.(41)

Study on the growth rule of *Eucalyptus dunnii* in different seasons and ages stands in northern of Fujian province GUO Xiang-quan(45)

Preliminary study on growth regularity of *Castanopsis hystrix* plantation TANG Ji-xin, BAI Ling-hai, GUO Wen-fu, et al.(51)

Study on biomass and net productivity of natural secondary forests of *Betula luminifera* in west Guizhou GAO Yan-ping, PAN Ming-liang, DING Fang-jun, et al.(55)

Influence of climate on pine leaves disease in Xiaolong mountain in Gansu XU Yan-ping, YAO Xiao-hong, YUAN Bai-shun, et al.(61)

Application of WebGIS & knowledge base on forest pests forecasting SUN Xiao-ying(65)

Effects of site factors on the aboveground biomass of *Phyllostachys nidularia* Munro in North of Chongqing HUANG Fu-zhao, FAN Yi, WANG Fu-sheng, et al.(70)

Analysis of autocorrelation associated with spatial sampling estimation on urban greenland coverage SUN Hao-han, SHE Guang-hui, WEN Xiao-rong, et al.(75)

Study on intraspecific and interspecific competition in *Schima superba* SHEN Han-wen, YAN Qian-fei, ZENG Si-qi, et al.(81)

Growth index and photosynthetic characteristics of 6-year-old *Calamus simplicifolius* in *Nogeta nagi* plantation LI Jian-guang, LI Rong-sheng, YIN Guang-tian, et al.(86)

Comparison of photosynthesis and transpiration characteristics among three *Camellia oleifera* under pot culture condition GAO Xue, MO Bao-ying, XI Ru-chun, et al.(89)

Selection and characteristics of phosphate-solubilizing bacteria in rhizosphere of *Cunninghamia lanceolata* LI Rong, ZHOU De-ming, WU Yi, et al.(95)

Effects of different drip irrigation on growth of *Daemonorops margaritae* plantation KOU Liang, YIN Guang-tian, YANG Jin-chang, et al.(100)

Calculation of regional ecological footprint and evaluation of sustainable development capacity: A case study of Wanquan River Basin GUAN Jin-ping, ZHANG Wei, SHE Ji-yun, et al.(105)

Analysis of forest landscape edge effect intensity based on analytic hierarchy process WANG Guo-hua, LI Ji-ping, ZHAO Chun-yan(110)

Absorption capacity of crop ecosystem to atmospheric CO₂ in Jiangxi province FU Qiang, KANG Wen-xing, WU Xiang-xiong(117)

Study of sustainable development assessment index of eco-economy in Wanquan River Basin ZHANG Wei, SHE Ji-yun, GUO Xia, et al.(122)

Wetland resources monitoring for Baiyangdian lake by remote sensing technology LIN Hao-bo, WU Xin-ling, LIU Fei, et al.(127)

Research on evaluation of forest ecological civilization city ZHOU Ming-yi(131)

Study on protoplast isolation of anther callus from *Swida wilsoniana* LI Chang-zhu, WANG Li-hua, CHEN Jian-hua, et al.(135)

Study on some *Illicium* Linn. germplasm resources by AFLP markers PAN Xiao-fang, SUN Xue-yang, ZHANG Zhen-lin, et al.(140)

Cloning of full-length cDNAs and sequence analysis of DGAT1 gene from *Camellia oleifera* LIU Kai, TAN Xiao-Feng, LONG Hong-Xu, et al.(148)

Histological observation of somatic embryogenesis and adventitious buds induction from *Ginkgo biloba* L. different explants in vitro culture SHENG Li-li, CHEN Ying, WANG Nan-yan, et al.(153)

Optimization of PCR system in EST-SSR analysis of *Pinus massoniana* Lamb SHAO Jun-pei, LI zhi-hui, YANG Mo-hua, et al.(159)

Preliminary analysis of WND1B promoter from *Populus trichocarpa* HUANG Ting, XU Gang-biao(164)

Comparison of two methods to extract DNA from trees of *Diospyros* L. LIANG Yu-qin, LI Fang-dong, FU Jian-min, et al.(170)

Chemical constituents in roots of *Vernicia montana* ZHANG Sheng, CHU Wen-jing, MAO Shao-ming, et al.(174)

Research on oxidizing reactivity of sodium hypochlorite and crystallinity of oxidized starch LIU Can, GU Ji-you, ZHANG Yan-hua(177)

Spatial-temporal features and cause analysis of air pollutants content in Huaihua urban district CHEN Ke-xin, FANG Xi, MA Ren-ming(181)

Study of traditional street landscape in Phenix ancient city TANG Bi-yun, HORI Shigeru, TASHIRO Robuko, et al.(188)

Mechanism analysis of temperature stress on phytoncicide volatilization of *Lavandula angustifolia* flower XU Jie-hua, WEN Shou-wen(194)

Effects of different factors on proliferation coefficient of *Dendrobium devonianum* and average seedling height CUI Qiu-hua, SUN Yong-yu, LI Kun, et al.(200)

Biological characteristics of *Rammeacris kiangsu* Tsai and distinction between female and male nymphs in different instars SUN Gui-xia, ZHAO Qin, ZHU Dao-hong(204)

Research status and prospect of *Larix* spp. wood modification SHI Qiang, ZHANG Shou-gong, LU Jian-xiong, et al.(210)

Study of pressure control system of the wood-based panels' continual hot-press based on PLC LI Xin-hua, DENG Zhen-zhen, DENG Fu-zhou(216)

Study of shaft driving force simulation of trees cones acquisition robot DING Hao-jie, LIU Ya-bin(220)