

ISSN 1673-923X  
CODEN ZLKDA5

# 中南林业科技大学学报

Journal of Central South University of Forestry & Technology

第32卷

第10期

Volume 32

Number 10

- ◆ 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

10  
2012  
中国·长沙

# 目 次

## 林 学

- 多胺及其代谢抑制剂对盐胁迫下枣树叶绿体离子稳态和类囊体膜 H<sup>+</sup>-ATP 酶活性的影响 ..... 陈雄伟, 马艳萍, 徐呈祥, 等 (1)  
杜仲幼果和成熟果实转录组数据组装及基因功能注释 ..... 李铁柱, 杜红岩, 刘慧敏, 等 (9)  
麻疯树不同无性系插条扦插营养元素含量动态变化 ..... 郑科, 郎南军, 张立新, 等 (18)  
杜仲不同栽培模式的光合、水分生理及负离子效应对比 ..... 张玲玲, 苏印泉, 何德飞 (24)  
马尾松生物量模型的对比研究 ..... 王轶夫, 孙玉军 (29)  
相似生境下马尾松与湿地松幼树的光合日动态 ..... 高伟, 叶功富, 郑兆飞, 等 (34)  
基于空间结构的林分模拟方法研究 ..... 匡一龙, 谭骏珊, 张怀清 (40)  
油茶脂氧合酶基因全长 cDNA 的克隆与序列分析 ..... 朱凤云, 陈鸿鹏, 谭晓风, 等 (45)  
不同叶苞比对板栗光合特性及果实品质的影响 ..... 熊欢, 郭素娟, 李广会, 等 (52)  
油茶树体对钙镁硫元素年吸收和积累规律研究 ..... 曹永庆, 王开良, 任华东, 等 (58)  
海水浸淹下乌柏不同种源幼苗的耐性比较 ..... 李冬林, 季永华, 丁晶晶, 等 (63)  
电导法协同 Logistic 方程确定不同类型广玉兰的抗寒性 ..... 刘艳萍, 朱延林, 康向阳, 等 (69)  
马尾松毛虫寄主有效叶面积指数遥感反演模型研究 ..... 许章华, 刘健, 龚从宏, 等 (72)  
栽培技术措施对山地核桃中幼树的促花促果作用 ..... 熊新武, 陆斌, 刘金凤, 等 (79)

## 生态学

- 岩溶地区坡度与土地石漠化的空间相关性分析 ..... 石军南, 卢海燕, 唐代生, 等 (84)  
桂林市区土地利用变化对生态服务价值的影响 ..... 胡金龙, 王金叶, 周志翔, 等 (89)  
森林碳汇与经济增长的库兹涅茨倒“U”型研究 ..... 储蓉, 周芳 (94)  
林草生态模式改良盐碱土的效果研究 ..... 魏忠平, 潘文利, 范俊岗 (100)  
江西省旅游业能耗及 CO<sub>2</sub> 排放的时空特征 ..... 焦庚英, 郑育桃, 叶清 (105)  
天际岭国家森林公园游憩价值评估 ..... 吴小旋, 张合平, 田红灯 (113)

## 植物学

- 长沙地区 19 种园林植物光合特性及固碳释氧测定 ..... 陈月华, 廖建华, 覃事妮 (116)  
生物除草剂对加拿大一枝黄花生理参数和死亡率的影响 ..... 杨柳青, 赵坤, 廖飞勇, 等 (121)

- 苔藓标本基因组DNA的提取方法研究.....田晔林,张党权,宋志丹,等(125)  
不同配方营养液对水培风信子生长及观赏品质的影响.....李风童,陈秀兰,刘春贵,等(130)  
三个中国水仙变异品系(株系)的形态解剖研究.....林晓红(135)  
对苯二酚对香石竹切花品种“马斯特”的保鲜效应.....王荣华,郑兴峰,徐小林,等(141)  
不同遮阳处理对猴耳环苗期生长的影响.....李 浩,黄世能,王卫文,等(147)

### 动物学

- 应用噻虫啉微胶囊悬浮剂防治无瓣海桑星天牛研究.....徐金柱,秦长生,揭育泽,等(151)  
六盘山翠金小蜂人工繁殖及利用的研究.....夏固成,孙 普,安永平(154)

### 森林遥感

- 多源遥感数据森林信息的提取和比较分析.....刘 刚,张 雨,臧 卓,等(158)  
GIS景观综合评价方法在城市森林生态规划及评估中的应用  
.....曹加杰,曹 林,阮宏华,等(162)  
基于Mean Shift的高分辨率遥感影像分割方法 .....余国斌,陈爱斌,孙 华,等(168)  
基于GIS的林业专题制图方法优化.....张丹华,石军南,陈传松,等(173)

### 食品科学

- 豆渣膳食纤维酸奶的研制.....白 婕,沈银梅,余庆斌(179)

### 景观设计

- 中国古典园林绿篱景观的研究.....赵 庆,沈永宝(184)  
基于微气候优化的住宅小区景观设计评析——以盐城记者家园为例  
.....孙 烨,张德顺,吕 良,等(191)

### 林产化工

- 硼酸催化制备玉米芯活性炭工艺研究.....简相坤,刘石彩,边 轶(198)

### 简讯二则

- 首届土木工程与基础设施新进展国际会议在我校举行.....(封二)  
湖南省自主创新能力建设暨创新平台授牌大会在我校召开 .....(封三)

**CONTENTS**

Effects of exogenous polyamines and polyamine metabolism inhibitors on and chloroplastsionic homeostasisand thylakoid membrane conjugated H <sup>+</sup> -ATPase activity of <i>Ziziphus jujuba</i> Mill. under salt stress .....CHEN Xiong-wei, MA Yan-ping, XU Cheng-xiang, et al. (1)
Transcriptome data assembly and gene function annotation of <i>Eucommia</i> mature fruits and young fruits .....LI Tie-zhu, DU Hong-yan, LIU Hui-min, et al. (9)
Dynamic changes of nutrition element contents of different clones <i>Jatropha curcas</i> L. during cutting propagation .....ZHENG Ke, LANG Nan-jun, ZHANG Li-xin, et al. (18)
Effects of different cultivation patterns of <i>Eucommia ulmoides</i> on photosynthetic, water physiology and negative oxygen ion content .....ZHANG Ling-ling, SU Yin-quan, HE De-fei (24)
Comparative study on biomass models for <i>Pinus massoniana</i> .....WANG Yi-fu, SUN Yu-jun (29)
Diurnal dynamics of photosynthetic characteristics of <i>Pinus massoniana</i> and <i>Pinus elliottii</i> saplings under similar habitat .....GAO Wei, YE Gong-fu, ZHENG Zhao-fei, et al.(34)
Study of stand simulation based on spatial structure .....KUANG Yi-long, TAN Jun-shan, ZHANG Huai-qing (40)
Cloning and sequence analysis of full-length cDNA of LOX gene from <i>Camellia oleifera</i> .....ZHU Feng-yun, CHEN Hong-peng, TAN Xiao-feng, et al. (45)
Effects of different ratio of leaf-to-involucrume on chestnut photosynthetic characteristic and nut quality .....XIONG Huan, GUO Su-juan, LI Guang-hui, et al. (52)
Research on annual changes of calcium, magnesium, sulfur absorption and accumulation in <i>Camellia oleifera</i> tree .....CAO Yong-qing, WANG Kai-liang, REN Hua-dong, et al. (58)
Comparison of resistant ability of <i>Sapium sebiferum</i> seedlings from different provenances to sea-water inundation and immersion .....LI Dong-lin, JI Yong-hua, DING Jing-jing, et al. (63)
Cold resistance determination of different type <i>Magnolia grandiflora</i> with synergistic electrical conductivity method and Logistic equation .....LIU Yan-ping, ZHU Yan-lin, KANG Xiang-yang, et al. (69)
Effective leaf area index retrieving models for host of <i>Dendrolimus punctatus</i> Walker .....XU Zhang-hua, LIU Jian, GONG Cong-hong, et al. (72)
Effects of cultivation technique measures on promoting blossoms and fruits of young and adult <i>Juglans regia</i> trees planted in hilly area .....XIONG Xin-wu, LU Bin, LIU Jin-peng, et al. (79)
Correlation analysis between rocky desertification and slope degree in karst area of Shaodong county .....SHI Jun-nan, LU Hai-yan, TANG Dai-sheng, et al. (84)
Effects of land use changes on ecosystem service values in urban area of Guilin city .....HU Jin-long, WANG Jin-ye, ZHOU Zhi-xiang, et al. (89)
Study of Kuznets inverted U-shaped relation between forest carbon sink and economic growth .....CHU Rong, ZHOU Fang (94)
Effects of soil amelioration of saline-alkali soils on forest-grass ecological patterns .....WEI Zhong-ping, PAN Wen-li, FAN Jun-gang (100)
Temporal and spatial distribution characteristic of energy consumption and CO <sub>2</sub> emission by tourism industry of Jiangxi province .....JIAO Geng-ying, ZHENG Yu-tao, YE Qing (105)
Evaluation of recreation values of Tianjiling National Forest Park's tourism based on TCM .....WU Xiao-xuan, ZHANG He-ping, TIAN Hong-deng (113)
Studies on photosynthetic characteristics and carbon fixation and oxygen release capabilities of 19 garden plants in Changsha area .....CHEN Yue-hua, LIAO Jian-hua, QIN Shi-ni (116)
Effects of biological herbicideon physiological parameter and death rate of <i>Solidago canadensis</i> .....YANG Liu-qing, ZHAO Kun, LIAO Fei-yong, et al. (121)
Study on genomic DNA isolation methods of moss specimen .....TIAN Ye-lin, ZHANG Dang-quan, SONG Zhi-dan, et al. (125)
Effects of different nutrient solutions on growth and ornamental quality of hydroponic <i>Hyacinthus orientalis</i> L. .....LI Feng-tong, CHEN Xiu-lan, LIU Chun-gui, et al. (130)
Morphological and anatomical study on three <i>Narcissus tazetta</i> var. <i>chinensis</i> variant strains (strains) .....LIN Xiao-hong (135)
Fresh-keeping effect of hydroquinone to cut-flower cultivars of <i>Dianthus caryophyllus</i> 'Master' .....WANG Rong-hua, ZHENG Xing-feng, XU Xiao-lin, et al. (141)
Effects of different solar-shading treatments on growth performance of <i>Archidendron clypearia</i> seedlings .....LI Hao, HUANG Shi-neng, WANG Wei-wen, et al. (147)
Study of controlling <i>Anoplophora chinensis</i> with thiocloprid capsule suspension on <i>Sonneratia apetala</i> .....XU Jin-zhu, QIN Chang-sheng, JIE Yu-ze, et al. (151)
Artificial propagation and utilization of <i>Tritoneptis liupanshanensis</i> Yang .....XIA Gu-cheng, SUN Pu, AN Yong-ping (154)
Extraction and comparative analysis of forest information of multi-source remote sensing data .....LIU Gang, ZHANG Yu, ZANG Zhuo, et al. (158)
Application of GIS-based landscape comprehensive evaluation in eco-planning and eco-evaluation of urban forest .....CAO Jia-jie, CAO Lin, RUAN Hong-hua, et al. (162)
High-resolution remote sensing image segmentation approach based on mean shift .....YU Guo-bin, CHEN Ai-bin, SUN Hua, et al. (168)
Optimization of making methods for forestry thematic map based on GIS .....ZHANG Dan-hua, SHI Jun-nan, CHEN Chuan-song, et al. (173)
Development of soybean dregs dietary fiber yoghurt .....BAI Jie, SHEN Yin-mei, YU Qing-bin (179)
Study on hedgerow landscape in Chinese classical garden .....ZHAO Qing, SHEN Yong-bao (184)
Comment on landscape design of residential quarters based on microclimate optimization: a case of Journalist's Homestead in Yancheng city .....SUN Ye, ZHANG De-shun, LU Liang, et al. (191)
Technique research on preparation of activated carbon from corncobs with boric acidcatalytic .....JIAN Xiang-kun, LIU Shi-cai, BIAN Yi (198)