

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9期

Volume 32

Number 9

- ◆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

9

2012  
中国·长沙

# 目 次

## 林 学

- 贮藏温度与时间对樟树种子活力及抗氧化特性的影响………李铁华，张伟，文仕知，等 (1)  
日本落叶松优良家系选育的研究………侯义梅，全永寿，曹健，等 (6)  
中国冷杉属植物的地理分布特征及成因初探………王清春，李晖，李晓笑 (11)  
追肥量、追肥时间与次数对柚木幼林生长的影响………李运兴，蔡道雄，欧耀成，等 (16)  
杉木种子园 20 年生子代林优树的初评………刘斯通，郑会全，梁瑞友，等 (20)  
生物醋液在油茶育苗中的应用研究………唐健，何应会，黄彩丽，等 (24)  
青藏高原区 3 种经济灌木的抗旱生理研究………宋维秀，王志涛，马正华，等 (28)  
森林资源信息外业采集移动平台关键技术研究………查东平，林辉，孙华，等 (32)  
模拟昆虫取食对红皮云杉幼苗根部酶活性的影响

——根部中保护性酶和防御酶活性的变化情况………马晓乾，滑莎，宋小双，等 (37)

- 板栗叶片营养与土壤养分的动态变化及回归分析………李广会，郭素娟，邹峰，等 (41)  
西洞庭湖区杉木林分相对树高曲线模型的研究………孙拥康，李际平，吕勇 (47)  
修枝高度对西南桦人工幼林生长的影响………王春胜，吴龙敦，赵志刚，等 (51)  
八达岭辽东栎 - 油松混交林空间结构及其多样性………罗梅，郑小贤 (55)  
北京地区侧柏人工林林木直径分布模型研究………陈英，杨华，赵浩彦，等 (59)  
肉桂果实、种子形态特征的研究………梁晓静，韦晓娟，李开祥，等 (65)  
醉鱼草扦插试验初报………韩艳英，叶彦辉，洛桑，等 (69)  
活性氧损伤对园林植物幼苗叶绿素的降解效应………张杰，李运生 (73)  
物联网在森林管理中的安全问题及防护措施………周中伟，何小东，周中意 (78)

## 生态

- 秦岭火地塘天然次生油松林倒木的温度变化特征………袁杰，蔡靖，侯琳，等 (81)

- 云南省西双版纳地区生态系统服务价值的动态评估 ..... 景兆鹏, 马友鑫 (87)  
次生栎林生态系统碳通量与环境因子非对称响应机制 ..... 李超, 胡海波 (94)  
坡位对油松人工林地上生物量分配格局的影响 ..... 孙巧玉, 刘勇, 李国雷, 等 (102)  
黑龙江牡丹峰国家级自然保护区的生态评价 ..... 高作锋, 邓立斌, 陈端吕 (106)  
中国亚热带南岭山地气候变化特点及趋势 ..... 段辉良, 曹福祥 (110)  
长白山天然林景观地形分异格局的研究 ..... 岳刚, 杨华, 亢新刚, 等 (114)  
山岳型风景区开发生态影响评价综合分析——以伏牛山养子沟景区开发为例  
..... 王锐, 屠朝辉 (119)

**生物技术**

基于基因组 DNA 混合池的 EST-SSR 引物快速筛选方法研究

..... 刘果, 谢耀坚, 张党权, 等 (124)

三峡库区 14 个李品种遗传多样性的 ISSR 分析 ..... 陈圣林, 王会娜, 孙颖, 等 (130)

**生物化学**

侧柏叶香味成分 SPME-GC/MS 分析 ..... 王道平, 潘卫东 (135)

**木材科学**

高温热处理对竹束颜色和平衡含水率的影响 ..... 孙润鹤, 刘元, 李贤军, 等 (138)

**家具与室内设计**

室内装饰中清水混凝土元素的应用研究 ..... 黄艳丽, 杨毅, 戴向东 (142)

三维建模技术在家具设计中的应用 ..... 蒋星, 戴向东, 李节, 等 (149)

**简讯三则**

《家具装修材增值加工技术》近日由科学出版社出版 ..... (10)

我校新增和确认四个博士后科研流动站 ..... (封二)

我校成功举办第二届全国外贸物流师资培训班 ..... (封三)

**CONTENTS**

Effects of storage temperature and time on antioxidant properties and vigor change of <i>Zelkova schneideriana</i> seed	.....LI Tie-hua, ZHANG Wei, WEN Shi-zhi, et al. (1)
Study on superior family selection of <i>Larix kaempferi</i>	.....HOU Yi-mei, QUAN Yong-shou, CAO Jian, et al. (6)
Geographical distribution characters and generating mechanisms of genus <i>Abies</i> in China	.....WANG Qing-chun, LI Hui, LI Xiao-xiao (11)
Effects of top-dressing quantity, time and frequency on growth of young tree of <i>Tectona grandis</i>	.....LI Yun-xing, CAI Dao-xiong, OU Yao-cheng, et al. (16)
Preliminary evaluation of 20-year-old superior progenies from <i>Cunninghamia lanceolata</i> seed orchard	.....LIU Si-tong, ZHENG Hui-quan, LIANG Rui-you, et al. (20)
Application of pyroligneous solution in <i>Camellia oleifera</i> seedling	.....TANG Jian, HE Ying-hui, HUANG Cai-li, et al. (24)
Study on physiological indexes of drought resistance of three economic shrubs in Qinghai-Tibet plateau area	.....SONG Wei-xiu, WANG Zhi-tao, MA Zheng-hua, et al. (28)
Design and implementation of forest resources information collection system based on 3S technology	.....ZHA Dong-ping, LIN Hui, SUN Hua, et al. (32)
Effects of simulating insect feeding on enzyme activity in roots of <i>Picea koraiensis</i> seedling: changes of protective and defense enzyme activity	.....MA Xiao-qian, HUA Sha, SONG Xiao-shuang, et al. (37)
Dynamic changes and regression analysis of leaf and soil nutrients of <i>Castanea mollissima</i>	.....LI Guang-hui, GUO Su-juan, ZOU Feng, et al. (41)
Study on relative tree height curve model of Chinese fir stand in west Dongting lake region	.....SUN Yong-kang, LI Ji-ping, LU Yong (47)
Effects of pruning height on growth performance of young plantations of <i>Betula alnoides</i>	.....WANG Chun-sheng, WU Long-dun, ZHAO Zhi-gang, et al. (51)
Study of spatial structure and species diversity of <i>Quercus liaotungensis-Pinus tabulaeformis</i> mixed stand in Badaling forest farm	.....LUO Mei, ZHENG Xiao-xian (55)
Study on tree diameter distribution model of <i>Platycladus orientalis</i> plantation in Beijing	.....CHEN Ying, YANG Hua, ZHAO Hao-yan, et al. (59)
Morphological characteristics of fruits and seeds of <i>Cinnamomum cassia</i> Presl	.....LIANG Xiao-jing, WEI Xiao-juan, LI Kai-xiang, et al. (65)
Preliminary report on cutting experiments of <i>Buddleia lindleyana</i>	.....HAN Yan-ying, YE Yan-hui, LUO Sang, et al. (69)
Degradation effects of active oxygen damage on garden plant seedling chlorophyll	.....ZHANG Jie, LI Yun-sheng (73)
Security problems of Internet of Things of forest management and its protective measures	.....ZHOU Zhong-wei, HE Xiao-dong, ZHOU Zhong-yi (78)
Dynamics characteristics of fallen wood temperature in secondary forest of <i>Pinus tabulaeformis</i> at Huoditang forest region in Qinling mountains	.....YUAN Jie, CAI Jing, HOU Lin, et al. (81)
Dynamic evaluation on ecosystem service values of Xishuangbanna, Yunnan, China	.....JING Zhao-peng, MA You-xin (87)
Response mechanism between carbon flux and asymmetrical environmental factors in secondary oak forest ecosystem	.....LI Chao, HU Hai-bo (94)
Effect of slope position on above-ground biomass distribution pattern in <i>Pinus tabulaeformis</i> plantation	.....SUN Qiao-yu, LIU Yong, LI Guo-lei, et al. (102)
Ecological evaluation of Mudanfeng National Nature Reserve in Heilongjiang Province	.....GAO Zuo-feng, DENG Li-bin, CHEN Duan-lu (106)
Characteristics and trends of climate change of Chinese subtropical Nanling Mountain	.....DUAN Hui-liang, CAO Fu-xiang (110)
Topographic variation pattern of natural forest landscape distribution in Changbai mountain	.....YUE Gang, YANG Hua, KANG Xin-gang, et al. (114)
Impact assessment of mountain style scenic spot development on its ecological environment: a case study on Yanzigou scenic spot in Yangzigou mountain	.....WANG Rui, TU Zhao-hui (119)
Studies on quick screening of EST-SSR primers based on genomic DNA mixing pool	.....LIU Guo, XIE Yao-jian, ZHANG Dang-quan, et al. (124)
ISSR analysis on genetic diversity of fourteen <i>Prunus</i> varieties in three gorges reservoir area	.....CHEN Sheng-lin, WANG Hui-na, SUN Ying, et al. (130)
SPME-GC/MS analysis of flavor compounds in leaves of <i>Platycladus orientalis</i>	.....WANG Dao-ping, PAN Wei-dong (135)
Effects of heat treatment on color and equilibrium moisture content of mao-bamboo bundles	.....SUN Run-he, LIU Yuan, LI Xian-jun, et al. (138)
Application research on decoration element of fair-faced concrete in interior design	.....HUANG Yanli, YANG Yi, DAI Xiangdong (142)
3D modeling techniques in furniture design	.....JIANG Xing, DAI Xiang-dong, LI Jie, et al. (149)