

目 次

研究论文

- 桉树枝瘿姬小蜂危害对桉树缩合单宁含量的影响 吴耀军, 常明山, 李德伟, 罗基同, 秦元丽, 黄华艳, 叶建仁(1)
桑天牛染色体核型及制备材料的选择 刘平, 嵇保中, 刘曙雯, 张凯, 于秀坤, 林晓(5)
6种外生菌根菌对3种松苗叶绿素含量及叶绿素荧光参数的影响 高悦, 吴小芹(9)
不同抗性松树与松材线虫互作中 H₂O₂ 及其氧化酶活性的差异 何龙喜, 吴小芹, 俞禄珍, 吉静, 叶建仁(13)
铁线莲‘Multi-Blue’体细胞胚诱导和植株再生 张启香, 胡恒康, 方炎明(18)
外源 Ca²⁺ 对南林 895 杨扦插苗光合作用及生长的影响 王雷, 尹增芳, 马清滢, 徐棉芬(23)
麻疯树开花数量大小及其生态适应性 刘方炎, 李昆, 张春华, 罗长维, 王小庆, 崔永忠(28)
毛竹林土壤磷、钾养分状况及生长效应 高志勤(33)
次生栎林与火炬松人工林的土壤微生物量氮动态 吴春林, 陶忠芳, 王国兵, 阮宏华(38)
北亚热带6种森林凋落物碳素归还特征 李正才, 杨校生, 周本智, 蔡晓郡, 孙娇娇, 格日乐图, 孙雪忠, 傅懋毅(43)
江西大岗山毛竹林土壤呼吸时空变异及模型模拟 姜艳, 王兵, 汪玉如(47)
不同封育季节放牧干扰对青海云杉种群空间格局的影响 刘建泉, 杨全生, 汪有奎, 罗永寿, 吕海元, 郭平, 张斌运, 莫宝山, 金兆军(53)
不同降雨条件下天然次生林水文过程动态分析 王小明, 周本智, 钟绍柱, 孔维健, 王刚, 徐升华(57)
江苏句容下蜀次生栎林的空气动力学参数研究 张学仕, 蒋琰, 薛建辉, 胡海波, 吴永波(61)
基于 GIS 的森林调查因子地统计学分析 李明阳, 刘敏, 刘米兰(66)
芦苇对疏浚后基底环境的光合生理及生长响应 孙一香, 庄瑶, 王中生, 邓自发, 姚志刚, 曹福荣, 王剑, 安树青(71)
新农村村庄植被景观综合评价体系及应用 马存琛, 丁彦芬(77)
寒温带杜香-兴安落叶松林分健康评价研究 闫淑英, 席青虎, 铁牛(81)
复合集装箱底板力学性能预测与有限元分析 何长江, 王泉中, 许斌(87)
不同竹龄毛竹材纤维饱和点的测定 王汉坤, 余雁, 喻云水, 田桂林(91)
杉木积成材的剖面密度分布特征及其 CT 辅助分析 杜春贵, 陈思果, 刘志坤, 张齐生(95)
固化剂 JNS-1 固化粉煤灰抗压强度特性试验研究 沈正, 董祥, 何培玲(100)
抑制砂岩骨料碱活性膨胀效果的对比分析 叶伟, 李国芬, 肖军, 张高勤(105)
基于 IEEE1451.4 的稳态燃烧烟雾机控制系统设计 李赵春, 周宏平, 陈睿, 崔业民(110)
涂布纸胶乳含量对柔印质量的影响 邢洁芳, 顾春雨, 胡桂春, 戴红旗(115)
新型炭材料研究专栏
复合型 TiO₂/AC 光催化剂的制备及表征 卢辛成, 蒋剑春, 孙康, 崔丹丹(119)
竹炭粉表面超声波化学镀铜的研究 郑志锋, 黄元波, 蒋剑春, 胡俊, 孙康, 邓先伦(123)
竹炭/硅橡胶高导电复合材料的制备及性能研究 邓丛静, 周建斌, 王双, 张齐生(129)
高比表面积活性炭修饰电极对对苯二酚的电催化作用 左宋林, 蔡璇, 尹寿银(133)
综合述评
我国纸浆林树种选择与培育技术研究进展 高捍东, 蔡伟建, 王章荣, 喻正发, 罗斯汉(137)
城市绿地建设生态转型分析——以 2010 上海世博园为例 徐英, 张青萍(144)
研究简报
集体林区影响人工林培育质量的非技术因素分析 温佐吾, 冯燕(149)
基于数据库技术的鹅掌楸属遗传改良决策系统 边黎明, 施季森, 张煜, 李火根(153)
道路交通事故黑点成因鉴别与改善对策 林丽, 张永强, 高敏杰(157)
GFRP/MDF 复合板力学性能预测与分析 樊振国, 吴章康(161)
基于核模糊聚类的遥感影像分类 史云松, 史玉峰(164)
简讯
南京林业大学农林经济管理博士后科研流动站简介 (封二)(封三)
征订启事二则 (128)(封四)
《南京林业大学学报(自然科学版)》荣获第三届全国高校精品科技期刊奖 (94)
致谢 (174)
《南京林业大学学报(自然科学版)》2010 年论文题录(作者)索引 (167)

本期执编 李燕文 英文审校 尹佟明 王石发

[期刊基本参数] CN 32-1161/S * 1958 * b * A4 * 174 * zh * P * ¥ 10.00 * 1000 * 36 * 2010 - 11

卷 终

Contents

- Effect of the damage of *Leptocybe invasa* Fisher & La Salle on condensed tannin contents of different *Eucalyptus* clones WU Yao-jun, CHANG Ming-shan, LI De-wei, LUO Ji-tong, QIN Yuan-li, HUANG Hua-yan, YE Jian-ren(1)
- The chromosome karyotype and selection of preparation materials in *Apionia germari* (Hope) LIU Ping, JI Bao-zhong, LIU Shu-wen, ZHANG Kai, YU Xiu-kun, LIN Xiao(5)
- Effects of several ectomycorrhizal fungi on the chlorophyll content and chlorophyll fluorescence parameters in different pine seedlings GAO Yue, WU Xiao-qin(9)
- The difference of H_2O_2 and oxidative enzyme in the interaction of different resistance pines and *Bursaphelenchus xylophilus* HE Long-xi, WU Xiao-qin, YU Lu-zhen, JI Jing, YE Jian-ren(13)
- Embryogenesis and plant regeneration of *Clematis* 'Multi-Blue' ZHANG Qi-xiang, HU Heng-kang, FANG Yan-ming(18)
- Effects of exogenous Ca^{2+} on the photosynthesis and the changes of growth in *Populus × euramerica* Nanlin 895 cuttings WANG Lei, YIN Zeng-fang, MA Qing-ying, XU Mian-fen(23)
- Study on the floral quantity size and ecological adaptability of *Jatropha curcas* LIU Fang-yan, LI Kun, ZHANG Chun-hua, LUO Chang-wei, WANG Xiao-qing, CUI Yong-zhong(28)
- Study on the soil nutrients status of phosphorus and potassium in stands of *Phyllostachys pubescens* and its growth efficiency GAO Zhi-qin(33)
- The study on soil microbial biomass N in secondary oak forest and pine plantation WU Chun-lin, TAO Zhong-fang, WANG Guo-bing, RUAN Hong-hua(38)
- Carbon dynamics of litter-fall under six forest stands in subtropical China LI Zheng-cai, YANG Xiao-sheng, ZHOU Ben-zhi, CAI Xiao-jun, SUN Jiao-jiao, Geriletu, SUN Xue-zhong, FU Mao-yi(43)
- Spatial and temporal variation of soil respiration and models of *Phyllostachys pubescens* in Dagangshan of Jiangxi JIANG Yan, WANG Bing, WANG Yu-ru(47)
- The spatial pattern of *Picea crassifolia* population with graze disturbance in different seasons of closed forest LIU Jian-quan, YANG Quan-sheng, WANG You-kui, LUO Yong-shou, LÜ Hai-yuan, GUO Ping, ZHANG Bin-yun, MO Bao-shan, JIN Zhao-jun(53)
- Dynamic analysis of hydrological processes of natural secondary forest in different rainfall conditions WANG Xiao-ming, ZHOU Ben-zhi, ZHONG Shao-zhu, KONG Wei-jian, WANG Gang, XU Sheng-hua(57)
- Aerodynamic parameters of secondary oak forest in Xiashu Jurong county of Jiangsu province ZHANG Xue-shi, JIANG Yan, XUE Jian-hui, HU Hai-bo, WU Yong-bo(61)
- GIS-based geostatistical analysis of forest inventory factors LI Ming-yang, LIU Min, LIU Mi-lan(66)
- The photosynthetic and phenotypic response of *Phragmites australis* to sediment dredging SUN Yi-xiang, ZHUANG Yao, WANG Zhong-sheng, DENG Zi-fa, YAO Zhi-gang, CAO Fu-rong, WANG Jian, AN Shu-qing(71)
- Study on the synthetical assessment system of village vegetation landscape and its application MA Cun-chen, DING Yan-fen(77)
- Forest health assessment of *Ledum-Larix gmelinii* in cold-temperate zone YAN Shu-ying, XI Qing-hu, TIE Niu(81)
- Mechanical property prediction of composite container flooring and finite element analysis HE Chang-jiang, WANG Quan-zhong, XU Bin(87)
- Measurement of saturation point of bamboo fiber from different age WANG Han-kun, YU Yan, YU Yun-shui, TIAN Gen-lin(91)
- Vertical density distribution characteristics and CT aided analysis of Chinese fir oriented laminated stick lumber DU Chun-gui, CHEN Si-guo, LIU Zhi-kun, ZHANG Qi-sheng(95)
- Compressive strength characteristics of the fly ash solidified with curing agent JNS-1 SHEN Zheng, DONG Xiang, HE Pei-ling(100)
- Contrastive analysis of restraining the alkali active inflation effect of the sandstone aggregate YE Wei, LI Guo-fen, XIAO Jun, ZHANG Gao-qin(105)
- Design of control system for steady state combustion fogger based on IEEE1451.4 LI Zhao-chun, ZHOU Hong-ping, CHEN Rui, CUI Ye-min(110)
- Effect of latex content of coated paper on quality of flexographic printing XING Jie-fang, GU Chun-yu, HU Gui-chun, DAI Hong-qi(115)
- Preparation and characterization of bamboo activated carbon supported TiO_2 photocatalyst LU Xin-cheng, JIANG Jian-chun, SUN Kang, CUI Dan-dan(119)
- Study on ultrasonic electroless copper plating on bamboo charcoal surface ZHENG Zhi-feng, HUANG Yuan-bo, JIANG Jian-chun, HU Jun, SHUN Kang, DENG Xian-lun(123)
- Preparation and properties investigation of bamboo charcoal/silicone rubber composites with high electric conductivity DENG Cong-jing, ZHOU Jian-bin, WANG Shuang, ZHANG Qi-sheng(129)
- Electrocatalytic activity of electrode modified with high surface area activated carbon for hydroquinone ZUO Song-lin, CAI Xuan, YIN Shou-yin(133)
- Development of tree species selection and cultivation techniques of the pulpwood in China GAO Han-dong, CAI Wei-jian, WANG Zhang-rong, YU Zheng-fa, LUO Si-han(137)
- The ecological transition analysis of urban green space construction—a case study on the 2010 World EXPO in Shanghai XU Ying, ZHANG Qing-ping(144)
- Analysis of the non-technical factors that influence the cultivation quality of plantation in collective forest area WEN Zuo-wu, FENG Yan(149)
- Decision system of *Liriodendron* genetics and improvement based on database technology BIAN Li-ming, SHI Jisen, ZHANG Yu, LI Huo-gen(153)
- Formation cause identification and improvement of the road traffic accidents black spots LIN Li, ZHANG Yong-qiang, GAO Min-jie(157)
- FRP/MDF mechanical properties of composite forecast and analysis FAN Zhen-guo, WU Zhang-kang(161)
- Classification of remote sensing image based on kernel fuzzy C-means SHI Yun-song, SHI Yu-feng(164)