

中国自然科学核心期刊
中国高校精品科技期刊

ISSN1000-2006
CODEN NLDXBZ

南京林业大学学报

JOURNAL OF NANJING FORESTRY UNIVERSITY

自然科学版

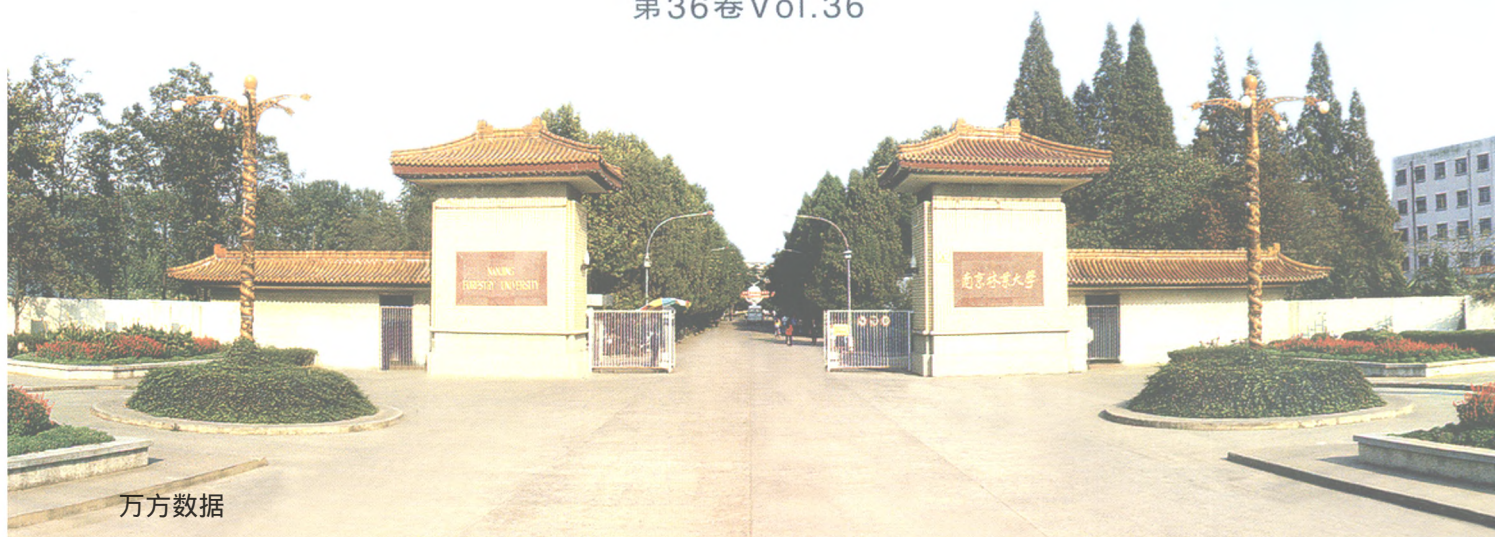
NATURAL SCIENCES EDITION

2012

庆祝南京林业大学办学110周年
暨独立建校60周年

5

第36卷 Vol.36



目次

特稿

- 林木生物技术育种未来10年若干科学问题展望 施季森(1)
森林工程的工业生态学研究发展态势 赵 尘,余爱华,赵 康(14)

研究论文

- 利用ISSR和SRAP标记分析油茶遗传多样性 彭方仁,吴莺莺,郝明灼,陈隆升,陈永忠(19)
麻栎种源间苗期生长性状及遗传稳定性差异分析 刘志龙,方升佐,虞木奎,唐罗忠,陈厚荣,李武志(26)
利用杨树原生质体瞬时表达系统筛选杨生褐盘二孢菌效应因子蛋白 曹友志,谭碧玥,王明麻,黄敏仁(31)
橡胶树胶乳C-乳清死皮相关蛋白的鉴定及分析 周雪梅,杨礼富,王真辉,邹 智,袁 坤(37)
东方百合ISSR-PCR反应体系的正交优化 丁信誉,邱 帅,席梦利,施季森(42)
青钱柳幼胚愈伤组织的诱导 张金凤,方升佐,尚旭岚,徐锡增(47)
引发对马尾松种子细胞周期和发芽率的影响 任淑娟,喻方圆,徐丽萍(51)
鳞茎贮藏对石蒜开花、展叶及内源激素的影响 蔡军火,魏绪英,张 露(56)
沙床栽培中施肥对忽地笑生长量及净光合速率的影响 鲍淳松,张鹏翀,张海珍,徐芸茜,江 燕(61)
5种挺水植物对污水浸淹的生理反应及净水效果 黄雪方,李冬林,金雅琴,陈平平,陈 玲,顾菁菁(66)
CO₂浓度倍增对宁夏枸杞光合特性的影响 侯晶东,曹 兵,宋丽华(71)
天目山柳杉树干液流的昼夜及季节变化 蒋文伟,杨广远,赵明水,杨淑贞(77)
徐州石灰岩山地不同经营强度人工林群落的植物多样性研究 李萍萍,戴锡联(81)
污泥有机氮在林地土壤中的矿化动态 王艮梅,刘树新,杨 丽(87)
城市绿地避震减灾适宜性研究 费文君,王 浩,史 莹,张凯云,胡 伟(92)
杨小舟蛾触角感觉器的电镜扫描观察 付盈盈,汤 方,赵文亮(97)
南京地区天牛幼虫分类研究 张 凯,嵇保中,刘曙雯,叶 军(102)
江苏省松树根际寄生线虫种类鉴定 方爱琴,谈家金,叶建仁,郝德君(109)
氧等离子体处理对酶解木质素胶合力的影响 刘学源,郑 菲,周晓燕,张伟东,吕城龙(115)
基于热重-红外联用技术的狼尾草热解过程分析 刘 翔,张 洋,孙 军,丁 涛,曹 燕(120)
竹材胶合界面的荧光跟踪法表征 关明杰,雍 宸,赵 佳(125)
光学法测量单根纤维接触角的影响因素 陈 红,王 戈,程海涛(129)
转笼式生物农药雾化喷头的性能分析 宋 伟,周宏平,张慧春,郁 金,戴子华(133)
雾化喷头供液管道系统设计 吴小伟,周宏平,茹 煜,许林云,贾志成(137)
基于资金时间价值的纸浆管路经济管径的算法 沙九龙,王 晨,张 辉(141)
周期为 p^{n+1} 的GF(q)上广义分圆序列的线性复杂度 胡传方,岳 勤(145)
- ### 综述述评
- 海洋岛屿特有种的分化形成与维持 徐卫祥,王中生,王志科,马元岫,杨琳璐,安树青(148)
森林生态系统不同碳库碳储量估算方法的评价 路秋玲,王国兵,杨 平,郑阿宝,阮宏华(155)
化学法制备纳米微晶纤维素的研究进展 李媛媛,戴红旗(161)
- ### 研究简报
- 竹材单元形态对竹木复合层积材性能的影响 张文福,王 戈,于子绚,程海涛,邱亚新(167)
高效解磷细菌与菌根真菌菌剂交互作用对杨树的促生效应 姚如斌,吴小芹(170)
基于开源GIS的森林资源管理信息系统设计与实现——以江苏省云台山为例 代劲松,曹 林,温小荣,徐 卿(174)

简讯

- 南京林业大学致校友的一封信 (封二)
南京林业大学60周年校庆学术报告一览表 (封三)
征订启事 (36)(76)(80)(91)(96)(119)(128)(144)

本期执编 王国栋 英文审校 尹佟明 王石发

[期刊基本参数] CN 32-1161/S * 1958 * b * A4 * 178 * zh * P * ¥20.00 * 1000 * 34 * 2012-09

Contents

Prospection on some topics of forest genetic improvement through modern biotechnology for the next – ten – years in China	SHI Jisen(1)
Development of industrial ecology based on the forest engineering	ZHAO Chen, YU Aihua, ZHAO Kang(14)
Genetic diversity of <i>Camellia oleifera</i> using ISSR and SRAP markers	PENG Fangren, WU Yingying, HAO Mingzhuo, CHEN Longsheng, CHEN Yongzhong(19)
Differences of seedling growth traits and genetic stability of <i>Quercus acutissima</i> from different provenances	LIU Zhilong, FANG Shengzuo, YU Mukui, TANG Luozhong, CHEN Hourong, LI Wuzhi(26)
Identification of <i>Marssonina brunnea</i> f. sp. <i>multigermutubi</i> effector proteins using poplar protoplast transient expression system	CAO Youzhi, TAN Biye, WANG Mingxiu, HUANG Minren(31)
Identification and analysis of proteins in the latex C-serum related to the tapping panel dryness in <i>Hevea brasiliensis</i>	ZHOU Xuemei, YANG Lifu, WANG Zhenhui, ZOU Zhi, YUAN Kun(37)
Optimizing the ISSR – PCR reaction system for oriental lily based on orthogonal design	DING Xinyu, QIU Shuai, XI Mengli, SHI Jisen(42)
Callus induction from young embryos of <i>Cyclocarya paliurus</i>	ZHANG Jinfeng, FANG Shengzuo, SHANG Xulan, XU Xizeng(47)
Effects of priming on cell cycle and germination of <i>Pinus massoniana</i> seeds	REN Shujuan, YU Fangyuan, XU Liping(51)
Effects of bulb storage on flowering, leaf traits, and endogenous hormones of <i>Lycoris radiata</i>	CAI Junhuo, WEI Xuying, ZHANG Lu(56)
Effect of fertilization in sand bed on growth and photosynthesis of <i>Lycoris aurea</i>	BAO Chunsong, ZHANG Pengchong, ZHANG Haizhen, XU Yunqian, JIANG Yan(61)
Physiological responses and purifying effects of five emerged plants under sewage submerging	HUANG Xuefang, LI Donglin, JIN Yaqin, CHEN Pingping, CHEN Ling, GU Jingjing(66)
Effect of doubled CO ₂ concentration on photosynthesis characteristics of <i>Lycium barbarum</i> seedling	HOU Jingdong, CAO Bing, SONG Lihua(71)
Diurnal and seasonal variation of stem sap flow for <i>Cryptomeria fortunei</i> in Mount Tianmu	JIANG Wenwei, YANG Guangyuan, ZHAO Mingshui, YANG Shuzhen(77)
Species biodiversity of plantation communities under different management intensity in the limestone hill region of Xuzhou city	LI Pingping, DAI Xilian(81)
Incubation study on nitrogen mineralization dynamics of forest soil amended with sewage sludge	WANG Genmei, LIU Shuxin, YANG Li(87)
Research on urban green space suitability for earthquake resistance and hazardous reduction	FEI Wenjun, WANG Hao, SHI Ying, ZHANG Kaiyun, HU Wei(92)
Antennal sensilla of <i>Micromelalopha troglodyta</i> (Graeser) observed by scanning electron microscope	FU Yingying, TANG Fang, ZHAO Wenliang(99)
Taxonomic study on the larvae of longicorn beetles in Nanjing	ZHANG Kai, JI Baozhong, LIU Shuwen, YE Jun(102)
Species identification of rhizosphere parasitic nematodes of pine tree in Jiangsu province	FANG Aiqin, TAN Jiajin, YE Jianren, HAO Dejun(109)
Effect of oxygen plasma treatment on bonding behavior of enzymatic hydrolysis lignin	LIU Xueyuan, ZHENG Fei, ZHOU Xiaoyan, ZHANG Weidong, LÜ Chenglong(115)
Analysis of <i>Pennisetum americanum</i> pyrolysis process based on the technique of thermo-gravimetric analysis coupled with infrared spectroscopy	LIU Xiang, ZHANG Yang, SUN Jun, DING Tao, CAO Yan(120)
Characterization on bamboo bonding interface by fluorescent track	GUAN Mingjie, YONG Cheng, ZHAO Jia(125)
Influence factors on measuring the contact angle of single fiber with optical method	CHEN Hong, WANG Ge, CHENG Haitao(129)
Performance analysis on rotating-cage spraying atomizer of biological pesticide	SONG Wei, ZHOU Hongping, ZHANG Huichun, YU Jin, DAI Zihua(133)
Design of the fluid pipeline system for atomization nozzle	WU Xiaowei, ZHOU Hongping, RU Yu, XU Linyun, JIA Zhicheng(137)
Arithmetic of economic diameter for pulp pipeline based on the capital time-value	SHA Jiulong, WANG Chen, ZHANG Hui(141)
The linear complexity of p^{n+1} -periodic generalized cyclotomic sequence over $GF(q)$	HU Chuanfang, YUE Qin(145)
Research on differentiation and speciation of the oceanic island endemics	XU Weixiang, WANG Zhongsheng, WANG Zhike, MA Yuanshan, YANG Linlu, AN Shuqing(148)
A review on the estimation methods of carbon pools of forest ecosystems	LU Qiling, WANG Guobing, YANG Ping, ZHENG Abao, RUAN Honghua(155)
Preparation of nano-crystalline cellulose by chemical methods	LI Yuanyuan, DAI Hongqi(161)
Effect of bamboo shape on properties of bamboo/wood LVL	ZHANG Wenfu, WANG Ge, YU Zixuan, CHENG Haitao, QIU Yaxin(167)
Interaction between high effective phosphate-solubilizing bacteria and mycorrhizal fungi and its effects on poplar growth	YAO Rubin, WU Xiaoqin(170)
Design and implementation of forest resources management information system based on open source GIS	DAI Jinsong, CAO Lin, WEN Xiaorong, XU Qing(174)