

目次

特稿

农作物秸秆物流中心选址优化模型/王忠伟,卢立新 1

生态学

豫南 35 年生马尾松林生态系统碳库特征及其分配/邓华平,耿 康,王正超 5
不同更新模式尾巨桉人工林碳贮量及其分配格局研究/叶绍明,谢伟东,蓝金宣 10
洞庭湖湿地保护区景观格局变化及原因分析/石军南,徐永新,刘清华 18
基于主成分分析与聚类分析的滩地环境抑螺效果评价/李锐祈,胡兴宜,周金星,等 27

林学

P 肥对邓恩桉生长与叶片养分状况的影响/张宁南,吴 炜,徐大平,等 32
施肥对果园化栽培条件下杜仲生长和结果的影响/王会勤,杜红岩,杜兰英,等 38
覆草间种对油茶林土壤养分及生长量影响的主成分分析/王玉娟,陈永忠,王 瑞,等 43
复合钠盐对两种桦树种子萌发的胁迫效应/闫兴富,石 洋,张靠稳,等 50
泡桐幼龄林配方施肥的初步研究/卢 漫,吴立潮,吴建平,等 55
翅荚木组培快繁技术的研究/袁德义,邹 锋,何小勇,等 60
4 种人工林土壤酶活性与养分的相关性研究/陈彩虹,叶道碧 64
桉树人工林冰雪灾害恢复的调查/曾炳山,张 剑,李建娟,等 69
大叶樟顶芽诱导与增殖培养/汪灵丹,张日清,金晓玲 75

生物科学与技术

鹅掌楸 ISSR-PCR 反应体系的建立及优化/占志勇,徐刚标 80

木材科学与技术

不同林分密度对桉树幼林木材材性的影响/张华林,李天会,吴志华,等 85
高温热处理对木材吸湿性和尺寸稳定性的影响/李贤军,傅 峰,蔡智勇,等 92

植物学

不同干扰背景下森林地表植被分布的多元分析/王华南,解丹丹,苏志尧 97

植物生理

四种省藤属植物的光合特征与叶片性状及生长的相关性/殷谷丽,唐建维,杨成源,等 104

森林保护

湖南省森林火灾空间分布特征分析/韩志刚,田大伦,张 贵 113

植物化学

佛肚竹黄酮类物质提取工艺的研究/龚燕飞,陈建华,吴耀辉 119
粉单竹竹叶黄酮提取工艺的初步研究/吴耀辉,龚燕飞,陈建华 123

遗传学

- 黑腹果蝇 miRNA 前体的预测/马 闯,胡星驰,童 潘,等 127

机电工程

- 基于实车的螺纹剪切式吸能装置单电机传动系统设计/甘 辉,雷正保,王素娟 132

机 械

- 欧式木窗推台铣床主轴的动态响应分析/张 宏,孙永华,张有强 136

采矿工程

- 神经网络与主元分析在采矿工程中的应用/李 云,刘 秉 140

种苗学

- 用 LZD-1000 离子机注入 N^+ 束诱变狗牙根的研究/王利宝,张绵耀,刘卫东,等 147

林业经济

- 光大木业森林采伐权权益置换模式的研究/刘新宇,李吉跃,李怒云,等 151

森林旅游

- 青海孟达自然保护区旅游资源综合评价/魏国良,康国生,李强峰 163

环境科学

- 植物配置对城市居住小区空气质量的影响/刘成一,余 敏,陶 毅 168

土壤学

- 森林红壤粒度分配和粘粒矿物的分析/陈学泽 172

家具设计

- 中日传统家具雕刻装饰特征的比较分析/张 实,戴向东,黄艳丽,等 176

计算机应用

- 网络最大流模型在旅游管理中的应用/刘琼英,全 华 158

- 基于 Socket 定序法的通讯系统设计与实现/辛劲军,赵 松 181

- 基于遗传神经网络的 P2P 流量检测研究/邓力为,周中伟,李 阳,等 185

数 学

- 不相容信息系统的属性约简研/朱承学,陈志刚 189

学者风采

- 王忠伟教授 封二

特色学科

- 中南林业科技大学物流学院简介 封三

CONTENTS

An optimized model for the selection of logistics center of agricultural biomass/WANG Zhong-wei, LU Li-xin	1
Carbon storage and allocation of 35-year-old <i>Pinus massoniana</i> forest ecosystem in southern of Henan province/DENG Hua-ping, GENG Geng, WANG Zheng-chao	5
Study on carbon storage and distribution pattern of <i>E. urophylla</i> × <i>grandis</i> in different models of plantation/YE Shao-ming, XIE Wei-dong, LAN Jin-xuan	10
An analysis on the variation of landscape pattern of Dongting Lake Wetland Reserve/SHI Jun-nan, XU Yong-xin, LIU Qing-hua	18
Effect evaluation of <i>Oncomelania</i> control by changing environment in river beaches based on principal component analysis and clustering analysis /LI Rui-qi, HU Xing-yi, ZHOU Jin-xing, <i>et al.</i>	27
Effects of phosphorus fertilizations on tree growth and leaf nutrient status of <i>Eucalyptus dunnii</i> plantation/ZHANG Ning-nan, WU Wei, XU Da-ping, <i>et al.</i>	32
Effects of fertilizing to <i>Eucommia ulmoides</i> Oliv plantation under orchard-like condition on their growth and fructification/WANG Hui-qin, DU Hong-yan, DU Lan-ying, <i>et al.</i>	38
A principal component analysis of effects of covering straw and inter-planting on <i>Camellia oleifera</i> forest's soil nutrient and growth/WANG Yu-juan, CHEN Yong-zhong, WANG Rui, <i>et al.</i>	43
Stress effects of mixed sodium salt on seed germination of two <i>Betula</i> spp./YAN Xing-fu, SHI Chun, ZHANG Kao-wen, <i>et al.</i>	50
Study on the fertilization effect of young <i>Paulownia</i> forest/LU Man, WU Li-chao, WU Jian-ping, <i>et al.</i>	55
Study on tissue culture and rapid propagation in <i>Zenia insignis</i> /YUAN De-yi, ZOU Feng, HE Xiao-yong, <i>et al.</i>	60
Study on the relationship between soil enzymes and nutrient of four artificial forests in Changsha urban-rural fringe/CHEN Cai-hong, YE Dao-bi	64
Investigation on the recovery of <i>Eucalyptus</i> plantation after freezing catastrophe in southern China/ZENG Bing-shan, ZHANG Jian, LI Jian-juan, <i>et al.</i>	69
Phylogen induction and cluster bud multiplication of <i>Zelkova schneideriana</i> Hand.-Mazz. /WANG Ling-dan, ZHANG Ri-qing, JIN Xiao-ling	75
Establishment and optimization of ISSR-PCR system for <i>Liriodendron</i> /ZHAN Zhi-yong, XU Gang-biao	80
Effects on wood properties of young <i>Eucalypt</i> plantation in different stands density/ZHANG Hua-lin, LI Tian-hui, WU Zhi-hua, <i>et al.</i>	85
The effect of high temperature thermal treatment on moisture absorption and dimension stability of wood /LI Xian-jun, FU Feng, CAI Zhi-yong, <i>et al.</i>	92
Multivariate studies on distribution of forest ground vegetation under different disturbance regimes in Dongguan, Guangdong, China/WANG Hua-nan, XIE Dan-dan, SU Zhi-yao	97
Relationships among photosynthesis and leaf traits and growth of four rattan species seedlings/YIN Gu-li, TANG Jian-wei, YANG Cheng-yuan, <i>et al.</i>	104
Analysis of spatial distribution of forest fire in Hunan province/HAN Zhi-gang, TIAN Da-lun, ZHANG Gui	113
Research on extraction technology of the flavonoids in <i>Bambusa ventricosa</i> McClure leaf/GONG Yan-fei, CHEN Jian-hua, WU Yao-hui	119
Preliminary study of extracting flavonoids from leaves of powdery bamboo/WU Yao-hui, GONG Yan-fei, CHEN Jian-hua	123
Prediction of miRNA in <i>Drosophila melanogaster</i> /MA Chuang, HU Xing-chi, TONG Pan, <i>et al.</i>	127
The design about single-motor drive system of the thread shear car collision energy absorption device based on real vehicle/GAN Hui, LEI Zheng-Bao, WANG Su-Juan	132
Dynamic respond analysis of principal axis of special slide-table miller in production of European-style wooden windows/ZHANG Hong, SUN Yong-hua, ZHANG You-qiang	136
Applization of combination of neural networks and principal component analysis in mining engineering/LI Yun, LIU Ji	140
Inducing <i>Cynodon dactylon</i> by injecting N ⁺ beam with LZD-1000 ion implanter/WANG Li-bao, ZHANG Mian-yao, LIU Wei-dong, <i>et al.</i>	147
Study of Ever-bright Company's forest concession displacement pattern/LIU Xin-yu, LI Ji-yue, LI Nu-yun, <i>et al.</i>	151
Application of network maximal flow model in tourism management/LIU Qiong-ying, QUAN HUA	158
Comprehensive evaluation of tourist resources in the national nature reserve of Mengda in Qinghai/WEI Guo-liang, KANG Guo-sheng, LI Qiang-feng	163
Effects of plant disposition on air quality in urban residential quarters/LIU Cheng-yi, YU Min, TAO Yi	168
Study on grain size distribution and clay mineral of the forest red soils/CHEN Xue-ze	172
A comparative analysis on characters of Chinese and Japanese traditional furniture carving decoration/ZHANG Shi, DAI Xiang-dong, HUANG Yan-li, <i>et al.</i>	176
Design and realization of communication system based on socket ordering method/XIN Dong-jun, ZHAO Song	181
Research of P2P detection Based on genetic neural network/DENG Li-wei, ZHOU Zhong-wei, LI Yang, <i>et al.</i>	185
Research of attributes reduction in inconsistent system/ZHU Cheng-xue, CHEN Zhi-gang	189