

ISSN 1673-923X
CODEN ZLKDA5

中南林业科技大学学报

Journal of Central South University of Forestry & Technology

第31卷 第11期

Volume 31 Number 11

- ◆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
- ◆中国科学引文数据库期刊
- ◆RCCSE 中国学术核心期刊
- ◆中国科技核心期刊

11
2011
中国·长沙

目 次

特 稿

- 矢量线条概率中值平滑算法设计 石军南, 刘建聪, 孙 华, 等(1)

林业信息工程

- 成像高光谱数据的大气校正方法研究 林 辉, 严恩萍, 莫登奎, 等(7)
Hyperion 数据大气校正与地面同步观测数据拟合分析 孙 华, 林 辉, 陈 利, 等(13)
ICA 与 PCA 在高光谱数据降维分类中的对比研究 沢 卓, 林 辉, 杨敏华(18)
基于光谱特征的森林类型识别研究 严恩萍, 林 辉, 莫登奎, 等(23)
基于高光谱数据的杉木和马尾松识别研究 刘秀英, 沢 卓, 孙 华, 等(30)
高光谱数据的降维处理方法研究 柳萍萍, 林 辉, 孙 华, 等(34)

林 学

- 马尾松不同采脂年龄和径级产脂量变化特点研究 舒文波, 杨章旗(39)
闽南山地桉树人工林叶片最适养分浓度诊断研究 李宝福, 俞元春, 卢 健, 等(44)
油茶果微波爆壳的特性研究 李立君, 周 健(49)
无棱镜全站仪测量树高及树冠的方法研究 谢鸿宇, 温志庆, 钟世锦, 等(53)
长叶刺槐嫁接育苗技术研究 丁向阳, 魏森林, 王少明, 等(59)
森林火灾应急物流资源信息化管理平台研究 张 朝, 陈浩余, 单圣涤, 等(63)
柚木幼树侧芽萌发特性调查与分析 李运兴, 蔡道雄, 梁坤南, 等(69)
秦岭冷杉嫩枝扦插育苗技术研究 杨开宝, 孙宝胜, 孙延芳, 等(75)
森林资源资产评估系统的本体集成研究与实现 张轶辉, 吕 勇, 张 贵(79)
贮藏对琴叶风吹楠脂肪酸含量及成分的影响 蔡年辉, 许玉兰, 吴 裕, 等(85)
团花研究现状及发展思考 邓小梅, 欧阳昆唏, 张 倩, 等(90)

生态学

- 樟树和马尾松人工林土壤氮矿化季节动态特征 段 伟, 郑 威, 闫文德, 等(96)
常绿杨苗期光合效率变化动态研究 钱莲文, 郭建宏(101)
高速公路边坡植草护坡的根固效应研究 伍 谦(106)
湖南大围山香果树群落特征及物种多样性分析 刘成一, 廖建华, 陈月华, 等(110)
EDTA 与苗木生根灵对柰树吸收 Mn、Pb 的交互影响 刘 亮, 王光军, 朱 凡, 等(114)
湖南紫金山马尾松的群落特征及物种多样性分析 吴 毅, 周国英, 祁承经, 等(120)

基于 GIS 和 RS 的赤水桫椤自然保护区生态环境调查 杨广斌, 安裕伦, 屠玉麟(125)
赤霉素 + 2,4-D 及赤霉素 + 丁酰肼对马缨杜鹃光合作用日变化的影响

..... 徐小蓉, 张习敏, 牛晓娟, 等(131)

经济林

1-甲基环丙烯对货架期中秋酥脆枣鲜果质构特性的影响 王 森, 谢碧霞(137)

林产化工

超声波辅助萃取聚氨酯涂料甲组分中游离 TDI 孙德彬, 方飞雄(142)
山茱萸果核制备活性炭的工艺研究 张 强, 朱铭强, 蒋 花, 等(146)

林业机械

南方高秆芦苇收割装备的适应性设计与探讨 田 莉, 袁茂强, 马庆勇, 等(153)

土木工程

桥隧邻接工程多源损伤室内模型试验研究 孙广臣, 傅鹤林, 巢万里(157)
沥青路面预养护方案的区间关联模糊优化决策 朱向平, 颜可珍, 刘 杰(166)

计算机科学与信息工程

基于深度图的相邻花朵图像分割方法 付 慧, 黄心渊, 唐世华, 等(172)
基于关联度和最小方差的人才需求预测模型研究 袁晓红, 李际平(179)
无线网络分布式部署及抗干扰研究 张 维(182)
远程无线灯光智能控制开关的设计 蒋 峰(187)
基于时态描述逻辑的 UML 活动图形式化规约 陈振庆(192)
基于迭代算法和神经网络的 PID 控制参数的优化与应用 陈书谦(197)
基于 DCT 的数字水印加密与解密技术 杨 焰, 刘 炜(203)
复杂网络多层次聚类抽象可视化方法研究 李 娜, 张 静, 李 蕙(208)

学者风采

石南军教授 封二

成果推介

中南林业科技大学林业信息技术产学研基地介绍 封三

CONTENTS

Design of vector line smoothing algorithm with median probability	SHI Jun-nan, LIU Jian-cong, SUN Hua, et al. (1)
Study on method of atmospheric correction based on hyperspectral image	LIN Hui, YAN En-ping, MO Deng-kui, et al. (7)
Atmospheric correction of Hyperion data and fitting analysis of Hyperion data and ground synchronized observation data	SUN Hua, LIN Hui, CHEN Li, et al. (13)
Comparative study on descending dimension classification of hyperspectral data between ICA algorithm and PCA algorithm	ZANG Zhuo, LIN Hui, YANG Min-hua(18)
Study on recognition of forest type based on spectral feature	YAN En-ping, LIN Hui, MO Deng-kui, et al. (23)
Discrimination of <i>Cunninghamia lanceolata</i> and <i>Pinus massoniana</i> based on hyperspectral data	LIU Xiu-ying, ZANG Zhuo, SUN Hua, et al. (30)
Dimensionality reduction method of Hyperion EO-1 data	LIU Ping-ping, LIN Hui, SUN Hua, et al. (34)
Changing law of <i>Pinus massoniana</i> with different resin tapping age and diameter	SHU Wen-bo, YANG Zhang-q(39)
Optimum leaf nutrient concentrations diagnosis of <i>Eucalyptus</i> plantation in Southern mountain of Fujian	LI Bao-fu, YU Yuan-chun, LU Jian, et al. (44)
Analysis of <i>Camellia oleifera</i> cracking properties by micro-wave	LI Li-jun, ZHOU Jian (49)
Measure method research of tree height and tree crown by non-prism total station	XIE Hong-yu, WEN Zhi-qing, ZHONG Shi-jin, et al. (53)
Grafting and seedling culture techniques of <i>Robinia pseudoacacia</i> cv. Changye	DING Xiang-ying, WEI Sen-lin, WANG Shao-ming, et al. (59)
Research on informatization management platform of forest fire emergency logistics resource	ZHANG Zhao, CHEN Jie-yu, SHAN Sheng-di, et al. (63)
Survey and analysis on lateral bud germination characteristics of <i>Tectona grandis</i> L. f. saplings	LI Yun-xing, CAI Dao-xiong, LIANG Kun-nan, et al. (69)
Shoots cutting technology of <i>Abies chensiensis</i>	YANG Kai-bao, SUN Bao-sheng, SUN Yan-fang, et al. (75)
Research on ontology integration and implementation of forest resource assets evaluation system	ZHANG Yi-hui, LU Yong, ZHANG Gui(79)
Effect of storage on content and compositions of fatty acid of <i>Horsfieldia pandurifolia</i>	CAI Nian-hui, XU Yu-lan, WU Yu, et al. (85)
Research status and development thinking of <i>Neolamarckia cadamba</i>	DENG Xiao-mei, OUYANG Kun-xi, ZHANG Qian, et al. (90)
Seasonal dynamics of nitrogen mineralization in soils of <i>Cinnamomum camphora</i> and <i>Pinus massoniana</i> plantations	DUAN Wei, ZHENG Wei, YAN Wen-de, et al. (96)
Dynamic changes of photosynthetic efficiency to evergreen Poplar clones in seedling stage	QIAN Lian-wen, GUO Jian-hong(101)
Research on reinforcement mechanisms of expressway side slope protection with greensward	WU Qian(106)
Structure characteristics and species diversity of <i>Emmenopterys henryi</i> community in Dawei mountain of Hunan	LIU Cheng-yi, LIAO Jian-hua, CHEN Yue-hua, et al. (110)
Interaction effects of EDTA and spiritual roots of seedlings on <i>Koelreuteria paniculata</i> uptake Mn and Pb	LIU Liang, WANG Guang-jun, ZHU Fan, et al. (114)
Characteristics and species diversity research of <i>Pinus massoniana</i> community in Zijin moutain of Hunan	WU Yi, ZHOU Guo-ying, QI Cheng-jing, et al. (120)
Investigation of eco-environment in Chishui Alsophila Natural Reserve based on GIS & RS	YANG Guang-bin, AN Yu-lun, TU Yu-lin (125)
Diurnal variation of <i>Rhododendron delavayi</i> photosynthesis sparied gibberellin+2,4-dichlorophenoxyacetic acid and gibberellin+darninozide	XU Xiao-rong, ZHANG Xi-min, NIU Xiao-juan, et al. (131)
Effect of 1-MCP on texture properties of fresh fruit in storage shelf period of <i>Zizyphus jujube</i> cv. Zhongqiusuci	WANG Sen, XIE Bi-xia(137)
Free TDI extracted from component A of PU assisted with ultrasonic	SUN De-bin, FANG Fei-xiong(142)
Study on preparation technology of activated carbon from <i>Comus officinalis</i> fruit core	ZHANG Qiang, ZHU Ming-qiang, JIANG Hua, et al. (146)
A adaptability design of sourthern higher stalk bulrush harvester	TIAN Li, YUAN Mao-qiang, MA Qing-yong, et al. (153)
Indoor model tests of multiple-source damages of bridge and tunnel adjacent project	SUN Guang-chen, FU He-lin, CHAO Wan-li(157)
Pre-maintenance measure of asphalt pavement interval related fuzzy optimization decision-making	ZHU Xiang-ping, YAN Ke-zhen, LIU Jie(166)
Adjacent flowers image segmentation method based on depth image	FU Hui, HUANG Xin-yuan, TANG Shi-hua, et al. (172)
Talent demand prediction model based on correlation degree and minimum variace methods	YUAN Xiao-hong, LI Ji-ping(179)
Wireless network distributed deployment and its anti interference	ZHANG Wei(182)
Design of remote and wireless switch intelligent control light	JIANG Feng(187)
Formal specification of UML activity diagram based on temporal description logic	CHEN Zhen-qing(192)
Optimization and application of PID control parameter based on iterative algorithm and neural network	CHEN Shu-qian(197)
Digital watermarking encryption and decryption based on DCT	YANG Yan, LIU Wei(203)
Visualization method of complex network with multilevel clustering and abstract	LI Na, ZHANG Jing, LI Lin(208)

English Editors: XIE Rong-xiu WU Yi OUYANG Qin