ISSN 1673-923X CODEN ZLKDA 5

中南林业科技大学学

Journal of Central South University of Forestry & Technology

第41卷

第10期

Volume 41 Number 10

- ◆中国精品科技期刊
- ◆中国高校百佳科技期刊
- ◆全国中文核心期刊
- ◆中国科技核心期刊
- ◆中国农林核心期刊
- ◆RCCSE中国权威学术期刊
- ◆中国科学引文数据库(CSCD)核心库来源期刊
- ◆农林领域我国高质量科技期刊分级目录T2期刊
- ◆美国CA、日本JST等来源期刊
- ◆湖南省培育世界一流湘版科技期刊建设工程项目梯队期刊

目次

林学

降香黄檀生根的生理机制 ………徐珊珊,徐大平,洪 舟,刘小金,杨曾奖,李毓琦,薛世玉,郭俊誉(1) 毛竹向阔叶林扩展过程细根可塑性变化 ……………黄 彪,刘广路,范少辉,刘希珍,冯 云,农珺清,申景昕(11) 楸树树干节子的空间分布特征及其面积预测模型 …………关追追,卢奇锋,何双玉, 邱 权,麻文俊,苏 艳,王军辉,李吉跃,何 茜(20) 外源信号物质对马尾松幼苗松针挥发物的影响 ·························谢俊康,陈 虎, 谭健晖, 罗群凤, 汪 挺, 杨章旗 (29) 湿度码预测江西典型地表细小死可燃物含水率适用性分析……伍 威,张运林,满子源(37) IBA 对费约果扦插生根及相关生理特性的影响 ·······胡国宇, 王 丹, 张 猛, 刘 亮, 何 毅 (45) 柴达木盆地唐古特白刺的表型多样性 ……………… 吉德娟, 张得芳, 于 倩 (57) 接种 4 种外生菌根真菌对槲树幼苗生长、光合及营养元素含量的影响 基于立地与密度效应的湖南栎类天然林平均木胸径生长模型 ·······················何 静,朱光玉,张学余,王忠诚,刘洪娜,屠维亚(75) 有机废弃物堆肥在桉树容器苗生产中的应用效果

生态学

湘西森林生态服务功能与旅游经济发展耦合的时空分异	•••••	…文连阳	(90)
白刺灌丛沙堆演化过程中叶片 C、N、P、K 含量及其生态化学计量	的变化特征	征	
魏亚娟,汪 季,党晓宏,韩彦隆,高 岩,	李 鹏,	金山	(102)
基于生态系统健康指数的宁波四明山区域森林服务功能价值评估			
赖承义,左舒翟,郑小曼,王卫兵,	池毓锋,	任 引	(111)
南亚热带滨海气候因子对 3 种林分类型凋落物的影响			
	张艺帆,	谢伟东	(122)
帽儿山主要林分类型空间结构状态综合评价			
魏红洋,张一帆,董灵波,	刘兆刚,	陈莹	(131)
洞庭湖湿地生物多样性保护的价值评估	刘惠良,	刘红峰	(140)

生物学

基于 SSR 标记的大花序桉全同胞子代鉴定

…… 吕佳斌, 翁启杰, 李发根, 李 梅, 李昌荣, 陈健波, 陈剑成, 甘四明 (148) 降香黄檀内生细菌多样性研究 …… 蓝柏成, 刘君昂, 肖 柏, 周国英 (156)

林业工程

红松籽制备红松籽油的原料性状及其制油工艺验证 …… 祖述冲,魏 亮,赵修华(165) 木焦油基再生沥青的热储存稳定性 …… 张雪飞,蒋 康,吴超凡,刘克非,吴庆定(174)

Journal of Central South University of Forestry & Technology

Vol. 41 No. 10 Oct. 2021

CONTENTS

Physiological mechanism of rooting of <i>Dalbegia odorifera</i> cuttings
············XU Shanshan, XU Daping, HONG Zhou, LIU Xiaojin, YANG Zengjiang, LI Yuqi, XUE Shiyu, GUO Junyu (1
The plasiticity of fine root Phyllostachys edulis expanding into adjacent broadleaved forest
Spatial distribution characteristics and area prediction model of stem knots in Catalpa bungei
······GUAN Zhuizhui, LU Qifeng, HE Shuangyu, QIU Quan, MA Wenjun, SU Yan, WANG Junhui, LI Jiyue, HE Qian (20
Effects of exogenous signal substances on the volatiles of pine needles in Pinus massoniana seedlings
XIE Junkang, CHEN Hu, TAN Jianhui, LUO Qunfeng, WANG Ting, YANG Zhangqi (29
Analysis on the applicability of moisture code to predict the moisture content of surface fine dead fuel on Jiangxi province, China
WU Wei, ZHANG Yunlin, MAN Ziyuan (3'
Effects of IBA on rooting and physiological characteristics of Feijoa sellowiana cuttings
HU Guoyu, WANG Dan, ZHANG Meng, LIU Liang, HE Yi (45)
Phenotypic diversity of Nitraria tangutorum Bobr. in Qaidam basin
Effect of four ectomycorrhizal fungi inoculation on the growth, photosynthesis, and nutrient element content of Quercus dentata seedlings
SUN Jiaqi, CAO Wenqi, LENG Pingsheng, HU Zenghui (67
A growth model of average tree diameter at breast height of Quercus natural forests in Hunan based on site and density effects
Application of organic waste compost in <i>Eucalyptus</i> container seedlings
Spatiotemporal coupling between forest ecological service function and tourism economic development of western Hunan ······· WEN Lianyang (90
Contents and stoichiometric characteristics of C, N, P and K in leaves process of Nitraria tangutorum succession
Evaluation of forest service function at the Siming mountain area in Ningbo based on ecosystem health index
LAI Chengyi, ZUO Shudi, ZHENG Xiaoman, WANG Weibing, CHI Yufeng, REN Yin (11)
Effects of climatic factor on litter of three forest types in south subtropical coastal area ····· CAO Yuhong, LIU Yi, ZHANG Yifan, XIE Weidong (122)
Comprehensive evaluation of spatial structure state for the main forest types in Maoershan mountain
WEI Hongyang, ZHANG Yifan, DONG Lingbo, LIU Zhaogang, CHEN Ying (13)
Value evaluation of biodiversity conservation in Dongting lake wetland ·······LIU Huiliang, LIU Hongfeng (140
SSR-based identification of full-sib seedlings in Eucalyptus cloeziana F. Muell.
LYU Jiabin, WENG Qijie, LI Fagen, LI Mei, LI Changrong, CHEN Jianbo, CHEN Jiancheng, GAN Siming (148)
The diversity of endophytic bacteria in Dalbergia odorifera ···········LAN Bocheng, LIU Junang, XIAO Bai, ZHOU Guoying (150
Raw material characters of Korean pine seed oil prepared by the Korean pine seeds and verification of its production process
ZU Shuchong, WEI Liang, ZHAO Xiuhua (16
Thermal storage stability of wood tar-based rejuvenated asphalt · · · · · · ZHANG Xuefei, JIANG Kang, WU Chaofan, LIU Kefei, WU Qingding (174)

English Editor: WU Bin