

全国中文核心期刊
中国科技核心期刊
中国科学引文数据库来源期刊
中国农林核心期刊
RCCSE中国核心学术期刊

ISSN 2095-0756
CODEN ZNDXBB

浙江农林大学学报

JOURNAL OF
ZHEJIANG A&F UNIVERSITY

2022年8月 第39卷 第4期

Vol. 39 No. 4 Aug. 2022



中国 浙江 杭州
HANGZHOU ZHEJIANG CHINA

目次

亚热带森林生态功能与环境变化专题(特邀主编:宋新章)

- 氮添加对毛竹林土壤磷组分的影响 王艺雄, 张华锋, 李全, 张君波, 王绍良, 宋新章(695)
- 天目山毛竹林皆伐后群落的恢复特征 陈旭, 刘宗悦, 徐钧杰, 祁祥斌, 余树全(705)
- 亚热带同质园不同人工林的生物量和林下植被多样性差异 刘宣, 肖洒, 朱鹏, 杜婷, 李济宏, 洪宗文, 袁春阳, 兰婷, 李晗, 谭波, 徐振锋, 张健, 游成铭(717)
- 亚热带常绿阔叶林5个优势树种的树干碳氮磷质量分数估算及其不确定性分析 周东洋, 王晓雨, 朱向涛, 詹咪莎, 白尚斌(727)

研究论文

- 基于MODIS时间序列数据的竹林地上生物量估算 杨绍钦, 王翔, 许澄, 商天其(734)
- 不同立地环境下金沙江干热河谷各区段植物多样性 杜寿康, 唐国勇, 刘云根, 雷晨雨, 许英杰, 阮长明, 孙永玉, 张春华, 王妍(742)
- 长江流域濒危兰科植物的空间分布 张一林, 李功权, 刘颖(750)
- 天台鹅耳枥种群数量特征及其与其他树种的关联性 许元科, 赵昌高, 廖瑜俊, 林坚, 吴传波, 吴初平, 王志高(758)
- 高格斯台罕乌拉自然保护区不同阔叶林中大型真菌多样性 白慧, 姜海燕, 丛林, 史东明, 林任杰, 狄佳麟(765)
- 基于CATS模型的干旱荒漠露天煤矿排土场优势滞尘植物配比 刘琴, 杨建英, 侯健, 谭锦, 张明浩(775)
- 长江上游典型石漠化地区生态环境质量评价 周斯怡, 殷晓洁, 汤瑞权, 吴鹏飞(783)
- 基于运动恢复结构的多株立木因子测量方法 顾雯钧, 徐爱俊, 尹建新(792)
- 基于机载LiDAR的高郁闭度华北落叶松林单木识别 陈思宇, 刘宪钊, 王懿祥, 梁丹(800)
- 7个南方适生杨树无性系生长和木材纤维性状分析与评价 杨艳, 唐洁, 李永进, 汤玉喜, 黎蕾(807)
- 米老排人工林节子时空分布特征及变色规律 何韦均, 杨锦昌, 郝建, 董明亮, 余纽, 覃国铭, 李荣生(814)
- 欧洲千里光SvAPETAL41基因的克隆及功能分析 郝燕敏, 陈柯俐, 冯丽君, 李菲菲, 崔敏龙, 朴春兰(821)
- 长柱紫茎的花部特征与繁育系统 李清香, 张明如, 顾翠花, 李铜攀, 万琦, 高磊, 张婷宇, 赵楠楠, 蔡益杭(830)
- 结球甘蓝叶水提液对糯玉米和西葫芦幼苗生长的化感作用 赵聪, 赵敏, 黄学芳, 黄明镜, 王娟玲(838)
- 白枪杆幼苗叶片形态和生理性状对钙的响应 张梅, 董琼, 段华超, 叶澜, 李燕燕, 金友帆(845)
- 草酸青霉和棘孢木霉对青枯劳尔氏菌的生防效果 方启航, 颜顾浙, 方伟, 高竞, 赵凯, 蒋仁强, 赵梦丽, 徐秋芳(852)
- 炭基肥与有机肥替代部分化肥对青紫泥水稻土微生物丰度及酶活性的影响 任依, 姜培坤, 鲁长根, 邵建均, 周雪娥, 陈俊辉(860)
- 生物预处理秸秆纤维特性及复合材料的性能研究 杜珂珂, 雍宸, 孙恩惠, 黄红英, 曲萍, 徐跃定, 陈玲, 孙倩, 关明杰(869)
- 基于热岛效应的福州市绿色廊道优化 杨务发, 余坤勇, 赵各进, 耿建伟, 赵秋月, 杨柳青, 刘健(876)
- 浙江省森林乡村空间分布特征及其影响因素 黄晓芬, 白鸥(884)
- 基于景观特征识别和评价的乡村景观营造模式 黄莹莹, 谈石柱, 陈倩婷, 吴倩倩, 斯娜莎, 申亚梅, 严少君(894)
- 文献综述
- 木本植物不定根发生机制研究进展 苗大鹏, 贾瑞瑞, 李胜皓, 席烁, 朱葛, 文书生(902)
- 野生蔬菜功能性成分及其生物活性研究进展 李瑶晨, 范紫佩, 杨静, 刘庭付, 祝彪, 朱祝军, 陈小央(913)

Contents

Effect of nitrogen addition on soil phosphorus fractions in the <i>Phyllostachys edulis</i> plantation	WANG Yixiong, ZHANG Huaifeng, LI Quan, et al. (695)
Restoration characteristics of community after clear-cutting of <i>Phyllostachys edulis</i> stands in Mount Tianmu	CHEN Xu, LIU Zongyue, XU Junjie, et al. (705)
Difference of biomass and understory vegetation diversity among different subtropical plantations in common gardens	LIU Xuan, XIAO Sa, ZHU Peng, et al. (717)
Estimation and uncertainty analysis of carbon, nitrogen, and phosphorus concentrations in trunks of five dominant tree species in subtropical evergreen broadleaved forests	ZHOU Dongyang, WANG Xiaoyu, ZHU Xiangtao, et al. (727)
Estimating bamboo forest aboveground biomass based on MODIS time series data	YANG Shaoqin, WANG Xiang, XU Cheng, et al. (734)
Plant diversity in various sections of Jinsha River dry-hot valley under different site environments	DU Shoukang, TANG Guoyong, LIU Yungen, et al. (742)
Spatial distribution of endangered orchids in the Yangtze River Watershed	ZHANG Yilin, LI Gongquan, LIU Ying (750)
Analysis of the population quantitative characteristics of <i>Carpinus tientaiensis</i> and its associations with other tree species	XU Yuanke, ZHAO Changgao, LIAO Yujun, et al. (758)
Diversity of macrofungi in different broad-leaved forests in Gaogestai Hanwula Nature Reserve	BAI Hui, JIANG Haiyan, CONG Lin, et al. (765)
Ratio of dominant dust retaining plants in waste dump of desert open-pit coal mine based on CATS model	LIU Qin, YANG Jianying, HOU Jian, et al. (775)
Evaluation of eco-environmental quality in typical rocky desertification areas in the upper reaches of the Yangtze River	ZHOU Siyi, YIN Xiaojie, TANG Ruiquan, et al. (783)
Measuring method of multiple trees attributes based on structure from motion	GU Wenjun, XU Aijun, YIN Jianxin (792)
Individual tree detection in the high canopy density <i>Larix principis-rupprechtii</i> forest based on airborne LiDAR	CHEN Siyu, LIU Xianzhao, WANG Yixiang, et al. (800)
Analysis and evaluation of growth and wood fiber characters of seven poplar clones in southern China	YANG Yan, TANG Jie, LI Yongjin, et al. (807)
Spatial and temporal distribution characteristics and discoloration law of knots in the <i>Mytilaria laosensis</i> plantation	HE Weijun, YANG Jinchang, HAO Jian, et al. (814)
Cloning and functional analysis of <i>SvAPETALA1</i> in <i>Senecio vulgaris</i>	HAO Yanmin, CHEN Keli, FENG Lijun, et al. (821)
Floral syndrome and breeding system of <i>Stewartia rostrata</i>	LI Qingxiang, ZHANG Mingru, GU Cuihua, et al. (830)
Allelopathic effect of water extract of <i>Brassica oleracea</i> var. <i>capitata</i> leaves on seedling growth of <i>Zea mays</i> and <i>Cucurbita pepo</i>	ZHAO Cong, ZHAO Min, HUANG Xuefang, et al. (838)
Response of leaf morphological and physiological traits of <i>Fraxinus malacophylla</i> seedlings to calcium	ZHANG Mei, DONG Qiong, DUAN Huachao, et al. (845)
Biocontrol effect of <i>Penicillium oxalicum</i> and <i>Trichoderma asperellum</i> on <i>Ralstonia solanacearum</i>	FANG Qihang, YAN Guzhe, FANG Wei, et al. (852)
Effects of biochar-based fertilizer and organic fertilizer substituting chemical fertilizer partially on soil microbial abundances and enzyme activities	REN Yi, JIANG Peikun, LU Changgen, et al. (860)
Properties of bio-pretreated straw fiber and its composite materials	DU Keke, YONG Cheng, SUN Enhui, et al. (869)
Optimization of greenways in Fuzhou based on heat island effect	YANG Wufa, YU Kunyong, ZHAO Gejin, et al. (876)
Spatial distribution characteristics and influencing factors of forest villages in Zhejiang Province	HUANG Xiaofen, BAI Ou (884)
Rural landscape construction model based on the recognition and evaluation of landscape features	HUANG Yingying, TAN Shizhu, CHEN Qianting, et al. (894)
Reviews	
Research advances in the mechanism of adventitious root occurrence in woody species	MIAO Dapeng, JIA Ruirui, LI Shenghao, et al. (902)
Research progress on functional components and biological activities of wild edible vegetables	LI Yaochen, FAN Zipei, YANG Jing, et al. (913)