中南林业科技大学学报 Journal of Central South University of Forestry & Technology

第42卷 第2期 Volume 42 Number 2

- ◆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)来源期刊
- ◆科技期刊世界期刊影响力指数(WJCI)报告收录期刊
- ◆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

裕河次生乔木群落分类及其物种多样性与土壤理化性质的关系

…………周晓雷,武利玉,赵 安,鲁明耀,史瑞锦,周旭姣,朱 潮(1) 盐胁迫对培忠杉苗木离子分布的影响

······柏文恋,袁丛军,谢 涛,黄安香,丁访军,吴运辉,余德会(36) 6种大型丛生竹造林后的竹笋产量及相关性分析

………蒙兰杨,黄雪芬,黄大勇,唐 武,潘永光,邓莉明,余慧连,韦旖旎(46) 不同林龄马尾松人工林叶面积指数的测定……罗光浪,何世强,谭 伟,戚玉娇(55) 凋落物自毒作用对米槁幼苗生长的影响………唐子燕,陈故忠,刘济明,廖小锋(65) 大兴安岭落叶松白桦混交林空间分布格局及其关联性对间伐强度的响应

生态学

植被恢复对土壤 N、P 积累转化及其耦合关系影响的研究进展 ……方 晰,陈 婵(84) 长沙市洋湖人工湿地冬季去污效果与植物效应

生物学

杉木 NAC 基因家族基因的鉴定及生物信息学分析

······ 熊 颖,禹 霖,柏文富,李建挥,严佳文,聂东伶,吴思政(119) 紫叶紫薇花芽分化及雌雄配子体发育的形态学研究

......李雪,邵亚林,陈海涛,赵平,丁勇(139)

林业工程

蓝靛果米糠酵素发酵工艺优化及其代谢产物变化分析

·······苏光荣,李贤军,胡嘉裕,李 婷,姚 斌,郑真真,肖纲要,李霞镇(159) 纤维素降解芽孢杆菌筛选及产酶条件优化 ········ 温冬灼,张 智,魏 罡,张晓彤(169)

风景园林学

基于生态系统服务功能的国家湿地公园景观质量评价——以黑龙江大兴安岭地区为例

·······························王韶晗, 许大为, 宋 爽, 石梦溪, 胡珊珊 (181)

生态旅游

本期执行编辑: 吴 彬 英文编辑: 范婷婷

Journal of Central South University of Forestry & Technology

CONTENTS

Relationship between the classification of secondary arbor community and its species diversity and the physicochemical properties of soil in Yuhe
ZHOU Xiaolei, WU Liyu, ZHAO An, LU Mingyao, SHI Ruijin, ZHOU Xujiao, ZHU Chao (1)
Effects of salt stress on the ion distribution of ×Taxodiomera peizhongii seedlings
SHI Fenghou, SONG Ke, GUO Rui, ZHANG Yuhui, YIN Zhongming, SHEN Yongbao (10)
Operation density of Pinus tabulaeformis landscape forest based on study of canopy growth model and space competition index
SUN Guangpeng, ZHANG Zhidu, LIU Haixuan, ZHU Jiyou, XU Chengyang (17)
Influence of light intensity and water content on nodulation and physiological characteristics of Ormosia henryi seedlings
GE Meng, AN Changrong, WEI Xiaoli (27)
Characteristics and variation of nutrient elements in the leaves of Cyclocarya paliurus from Guizhou province
BAI Wenlian, YUAN Congjun, XIE Tao, HUANG Anxiang, DING Fangjun, WU Yunhui, YU Dehui (36)
The bamboo shoot yield and correlation analysis of six large clustered bamboos after afforestation
MENG Lanyang, HUANG Xuefen, HUANG Dayong, TANG Wu, PAN Yongguang, DENG Liming, YU Huilian, WEI Yini (46)
Determination of leaf area index in Pinus massoniana plantations of different ages LUO Guanglang, HE Shiqiang, TAN Wei, QI Yujiao (55)
Effects of litter autotoxicity on the growth of Cinnamomum migao seedlingsTANG Ziyan, CHEN Jingzhong, LIU Jiming, LIAO Xiaofeng (65)
Responses of spatial distribution patterns and associations of Larix gmelinii and Populus davidiana mixed forests in Daxing'an mountains to different
tending thinning intensities
Research progress on effects of vegetation restoration on soil N and P accumulation, transformation and their coupling FANG Xi, CHEN Chan (84)
The decontamination effect and plant effect of Yanghu constructed wetland in Changsha city in winter
WANG Zichao, ZUO Feng, WANG Wenming, ZHANG Zhihao, CHEN Yonghua (98)
Identification and bioinformatics analysis of Chinese fir NAC gene familyGAO Wenjie, LIU Jiao, MA Xiangqing, SHUAI Peng (108)
Evaluation of quality characteristics, antioxidant ability and polyphenol composition of different blueberry cultivars
XIONG Ying, YU Lin, BAI Wenfu, LI Jianhui, YAN Jiawen, NIE Dongling, WU Sizheng (119)
Morphological study on floral bud differentiation and the development of female and male gametophytes in purple-leaf Lagerstroemia indica
LUO Xuemeng, WANG Xiaoming, ZENG Huijie, LI Yongxin, QIAO Zhongquan, TANG Li (129)
Expression of heat shock protein genes of Vaccinium dunalianum in response to temperature stress
LI Xue, SHAO Yalin, CHEN Haitao, ZHAO Ping, DING Yong (139)
The optimization of fermentation technology and the changes of metabolites of Lonicera caerulea rice bran enzyme
BAO Yihong, ZHAO Xinlei, TANG Yan, ZHANG Junshun, LU Weihong, MA Ying, YU Dianyu (147)
Dimensional stability and mechanical properties of bamboo scrimber
SU Guangrong, LI Xianjun, HU Jiayu, LI Ting, YAO Bin, ZHENG Zhenzhen, XIAO Gangyao, LI Xiazhen (159)
Screening of cellulose-degrading bacillus and optimization of enzyme production conditions
WEN Dongzhuo, ZHANG Zhi, WEI Gang, ZHANG Xiaotong (169)
Landscape quality evaluation of national wetland parks based on ecosystem service function: a case study of Daxing'anling area in Heilongjiang province
WANG Shaohan, XU Dawei, SONG Shuang, SHI Mengxi, HU Shanshan (181)
The influence of motivation, experience and satisfaction on visitors' willingness to pay and destination loyalty: evidence from Zhangjiajie national forest park
YUAN Jianqiong, ZHANG Lulu (191)