

目 次 CONTENTS

林学 Forest Sciences

- 长白山天然云冷杉针阔混交林主要树种胸径生长与林分空间结构的关系 谢伊杨华(1)
Relationship between stand spatial structure and DBH increment of principal species in natural spruce-fir mixed forest in Changbai Mountains of northeastern China Xie Yi Yang Hua
秦岭两地区红桦种群结构与动态特征 高洪治 黄欣宿昊 乔鹏飞 姜在民 申耀荣 蔡靖(12)
Structure and dynamic characteristics of *Betula albo-sinensis* populations in two regions in the Qinling Mountains of northwestern China
..... Gao Hongzhi Huang Xin Su Hao Qiao Pengfei Jiang Zaimin Shen Yaorong Cai Jing
采伐强度对红松天然、人工移植幼苗光合生理特性影响 陈巧玲 王俪玢 程艳霞(21)
Effects of cutting intensity on photosynthetic physiological characteristics of natural and transplanted *Pinus koraiensis* seedlings Chen Qiaoling Wang Libin Cheng Yanxia
水曲柳引种栽植 20 年后生长表现及其影响 李婷婷 崔国发 杨文化 蔡体久 成克武(30)
Growth performance and its influence of *Fraxinus mandshurica* after 20 years of introduction and planting
..... Li Tingting Cui Guofa Yang Wenhua Cai Tijiu Cheng Kewu
胡杨 *PeREM6.5* 调控拟南芥水分胁迫耐受机制
..... 侯思源 张会龙 尧俊 张莹 赵楠 赵瑞 周晓阳 陈少良(40)
Populus euphratica *PeREM6.5* regulating tolerance mechanism to water stress in *Arabidopsis thaliana*
..... Hou Siyuan Zhang Huilong Yao Jun Zhang Ying Zhao Nan Zhao Rui
Zhou Xiaoyang Chen Shaoliang
花楸树热激蛋白 *SpHSP70-3* 基因克隆与功能分析 冯佳琳 刘聪聪 戚相玉 邸泽鑫 鲁仪增 郑健(52)
Cloning and functional analysis of heat shock protein *SpHSP70-3* gene from *Sorbus pohuashanensis*
..... Feng Jialin Liu Congcong Qi Xiangyu Di Zexin Lu Yizeng Zheng Jian
紫雨桦杂交子代苗期生长及叶色性状的变异
..... 刘宣晨 贾红涛 顾宸瑞 宋淑媛 计家宝 马立新 祝清超 刘桂丰(62)
Variation of growth and leaf color traits of *Betula pendula* ‘Purple Rain’ hybrid offsprings at seedling stage
..... Liu Xuanchen Jia Hongtao Gu Chenrui Song Shuyuan Ji Jiabao Ma Lixin
Zhu Qingchao Liu Guifeng
油松植物挥发性有机物释放动态及其抑菌作用 刘凤辰 田娜 程小琴(72)

- Releasing variation and bacteriostatic effects of botanic volatile organic compounds from *Pinus tabuliformis*
..... Liu Fengchen Tian Na Cheng Xiaoqin
- 基于火模拟的森林火灾风险定量评估——以中国林业科学研究院亚热带林业实验中心为例.....
..... 宗学政 田晓瑞 马 帅 刘 畅(83)
- Quantitative assessment for forest fire risk based on fire simulation: taking the Subtropical Forest Experimental
Center of Chinese Academy of Forestry as an example ··· Zong Xuezheng Tian Xiaorui Ma Shuai Liu Chang
- 环境科学与工程 Environment Sciences and Engineering**
- 基于复杂网络理论的生态空间优化——以松花江流域为例.....
..... 杨林哲 牛 腾 于 强 岳德鹏 马 骏 裴燕如(91)
- Ecological spatial optimization based on complex network theory: a case study of Songhua River Basin of
northeastern China Yang Linzhe Niu Teng Yu Qiang Yue Depeng Ma Jun Pei Yanru
- 永定河水生态质量调查与评价——以北京门头沟段为例..... 邱林栓 窦婷婷 伦小秀 马伟芳(104)
- Investigation and evaluation of water ecological quality of Yongding River: a case study in Mentougou District of
Beijing Di Linshuan Dou Tingting Lun Xiaoxiu Ma Weifang
- 风景园林 Landscape Architecture**
- 基于D8与NSGA-II耦合算法的浅山区绿地低影响开发设施布局优化方法研究··· 陈泓宇 董宇翔 林辰松(116)
Research on optimization method for low impact development (LID) controls distribution of greenspace in shallow
mountain based on D8 and NSGA-II algorithm Chen Hongyu Dong Yuxiang Lin Chensong
- 浙江舟山群岛彩化植物资源调查及其园林应用评价.....
..... 饶显龙 何田恬 王冰彦 刘华红 李上善 丁 洲 黎家宏 李 珏(127)
- Investigation of colorful plant resources and their landscape application evaluation of Zhoushan Archipelago in
Zhejiang Province of eastern China
··· Rao Xianlong He Tiantian Wang Bingyan Liu Huahong Li Shangshan Ding Zhou Li Jiahong Li Jue
- 林业工程 Forestry Engineering**
- 砂光处理对芦苇刨花板粉末涂饰性能的影响..... 韩祎昀 代孟元 唐睿琳 张 扬 于志明(137)
Preliminary study of epoxy/polyester powder coating applied to reed-based particle board
- Han Yiyun Dai Mengyuan Tang Ruilin Zhang Yang Yu Zhiming
- 金佛山方竹细胞构成、形态及细胞壁层构造变异性..... 刘文娟 王 涵 赵福泽 林 剑(146)
Variability of cell composition, morphology and cell wall structure in *Chimonobambusa utilis*
- Liu Wenjuan Wang Tao Zhao Fuze Lin Jian
- 竹集成材水性漆涂饰工艺及附着机理研究..... 林欣雨 张秋昊 黄艳辉 皇权飞 杨 欣(158)
Painting technology and adhesion mechanism of waterborne paint based on bamboo laminated lumber
- Lin Xinyu Zhang Qiuhan Huang Yanhui Huang Quanfei Yang Xin
- 《北京林业大学学报》第七届编委会名单 (封二)
- 《北京林业大学学报》征稿简则 (封三)