

林业与生态科学

第 39 卷 第 3 期

总第 151 期

2024 年 7 月

目 次

· 林学与植物保护 ·

- 华北落叶松林下草本植物分布对光环境的响应及指示作用 褚贯琳, 田继强, 刘立峰, 杨依峰, 李永宁 (243)
- 转 *BtCry1Ac* 基因 107 杨生长分析 赵仁杰, 赵志明, 齐小坤, 赵津, 蒋晓辉, 杨敏生, 王进茂 (249)
- 干旱胁迫下 *rolB* 基因对杜梨生长和抗旱性的影响 王靖冉, 薛银昊, 王为民, 孟亚楠, 李英丽 (257)
- 皂荚 ISSR-PCR 反应体系的建立与优化 张蕊, 齐钦辉, 朱文瑛, 李保会, 张芹 (264)
- 内生沙福芽孢杆菌与生防细菌组合防治桉树青枯病研究 师若琳, 王照玉, 史晓梦, 李博雅, 鲁妍璇, 冉隆贤 (273)
- 冀北山地典型林分地表可燃物抗火性研究 冯淑瑶, 马云辉, 郭延朋, 武英东, 赵占永, 马长明 (280)

· 资源与生态环境 ·

- 冀北山地桦木林土壤细菌群落特征对坡向的响应 于小萌, 高青青, 许竹锐, 马旭满, 孟亚馨, 徐兴华 (288)
- 甘肃插岗梁省级自然保护区领春木种群结构和动态的研究 闫倩倩, 郭星, 谢飞, 侯亚莉, 赵栋, 魏海龙, 何丽娟 (297)
- 基于 CiteSpace 的森林生物多样性研究现状与热点分析 郑崇龙, 廖许清, 朱高栋, 解婷婷 (304)
- 北方山区特色生态农业产业发展模式典型案例分析 王东平, 闫震, 霍晓倩, 贾欢欢 (314)

· 风景园林与旅游 ·

- 温度和光周期对楸树抗寒性生理生化指标的影响 陈昭阳, 张洪涛, 张静, 赵梦楠, 钱稷, 孟昱, 邱葆 (322)
- 城市绿地绿量密度与地表温度的关系研究——以东南大学四牌楼校区为例 曹息, 卫笑, 王晓俊 (332)
- 基于 ENVI-met 的居住区绿地对 $PM_{2.5}$ 消减作用的模拟研究——以保定市西苑南区为例 王可歆, 聂庆娟, 王旭婧, 孙芸浩, 谢仲军 (342)

[期刊基本参数] CN13-1425/S * 1986 * q * 16 * 114 * zh * P * ¥20.00 * 300 * 13 * 2024-07

本期责编: 郭丽娟 英文编辑: 刘元元

CONTENTS

- Response and indication of understory herbs distribution of *Larix principis-rupprechtii* forest to light environment
 CHU Guanlin, TIAN Jiqiang, LIU Lifeng, YANG Yifeng, LI Yongning (243)
- Growth analysis of transgenic *BtCry1Ac* poplar 107
 ZHAO Renjie, ZHAO Zhiming, QI Xiaokun, ZHAO Jin, JIANG Xiaohui, YANG Minsheng, WANG Jinmao (249)
- Effect of *rolB* gene on the growth and drought resistance of *Pyrus betulifolia* under drought stress
 WANG Jingran, XUE Yin hao, WANG Weimin, MENG Yanan, LI Yingli (257)
- Establishment and optimization of ISSR-PCR reaction system of *Gleditsia sinensis*
 ZHANG Rui, QI Qin hui, ZHU Wenying, LI Baohui, ZHANG Qin (264)
- Suppression of eucalypt bacterial wilt by *Bacillus safensis* strain NP91 and its combinations with biocontrol bacteria
 SHI Ruolin, WANG Zhaoyu, SHI Xiaomeng, LI Boya, LU Yanxuan, RAN Longxian (273)
- Fire resistance of surface combustibles in typical forest stands in mountain area of northern Hebei Province
 FENG Shuyao, MA Yunhui, GUO Yanpeng, WU Yingdong, ZHAO Zhanyong, MA Changming (280)
- Response of soil bacterial community characteristics to slope aspect of birch forest in mountain area of northern Hebei Province
 YU Xiaomeng, GAO Qingqing, XU Zhurui, MA Xuman, MENG Yaxin, XU Xuehua (288)
- Study on population structure and dynamics of *Euptelea pleiospermum* in Chagangliang Nature Reserve of Gansu Province
 YAN Qianqian, GUO Xing, XIE Fei, HOU Yali, ZHAO Dong, WEI Hailong, HE Lijuan (297)
- Current status and hotspot analysis of forest biodiversity research based on CiteSpace
 ZHENG Chonglong, LIAO Xuqing, ZHU Gaodong, XIE Tingting (304)
- Analysis of typical case of characteristic eco-agriculture industry development model in northern mountainous area
 WANG Dongping, YAN Zhen, HUO Xiaoqian, JIA Huanhuan (314)
- Effects of temperature and photoperiod on cold resistance of physiological and biochemical parameters of *Catalpa* spp.
 CHEN Zhaoyang, ZHANG Hongtao, ZHANG Jing, ZHAO Mengnan, QIAN Ji, MENG Yu, DI Bao (322)
- Research on the relationship between green quantity density and land surface temperature of urban green space—Taking the Sipailou campus of Southeast University as an example
 CAO Xi, WEI Xiao, WANG Xiaojun (332)
- ENVI-met simulation of PM_{2.5} reduction in residential green space—Taking Xiyuan South District of Baoding City as an example
 WANG Kexin, NIE Qingjuan, WANG Xujing, SUN Yunhao, XIE Zhongjun (342)