

目次 CONTENTS

林学 Forest Sciences

- 竞争对红松树木的干旱适应性及生长衰退影响····· 阎弘 孙滢洁 刘滨辉(1)
Effects of competition on drought adaptability and growth decline of *Pinus koraiensis* trees ····· Yan Hong Sun Yingjie Liu Binhui
- 未来气候情景下2种新疆特有树种潜在适生区预测····· 王露露 伊力哈木·亚尔买买提(10)
Prediction of the potential distribution of two endemic tree species in Xinjiang of western China under future climate scenarios ····· Wang Lulu Yilihamu Yaermaimaiti
- 北京市区国槐表型差异及综合评价研究····· 李佳慧 彭祚登 刘勇(23)
Phenotypic difference and comprehensive evaluation of *Sophora japonica* in Beijing urban area ····· Li Jiahui Peng Zuodeng Liu Yong
- 不同叶片质地行道树枝叶功能性状对冠下硬化地表覆盖的响应····· 岳阳 韦柳端 徐程扬 张海燕(34)
Response of functional characters of street trees with different leaf textures to impervious land coverage under canopy ····· Yue Yang Wei Liuduan Xu Chengyang Zhang Haiyan
- 基于无人机激光雷达的天然林林隙识别····· 齐志勇 李世明 岳巍 刘清旺 李增元(44)
Forest gap identification in natural forest based on UAV LiDAR ····· Qi Zhiyong Li Shiming Yue Wei Liu Qingwang Li Zengyuan
- 基于机器学习的落叶松树皮厚度预测····· 张孟库 姜立春(54)
Prediction of bark thickness for *Larix gmelinii* based on machine learning ····· Zhang Mengku Jiang Lichun
- 长期多形态氮添加对温带人工辽东栎林土壤 N₂O 排放的影响····· 商帅帅 宋明华 王春梅 邱景琮 王鑫晴 王诗淇 崔佳一(63)
Effects of long-term polymorphic nitrogen addition on soil N₂O emission in temperate artificial *Quercus liaotungensis* forests ····· Shang Shuaishuai Song Minghua Wang Chunmei Qiu Jingcong Wang Xinqing Wang Shiqi Cui Jiayi
- 海拔与坡向对伏牛山自然陡坡土壤种子库的影响····· 陆雅佩 罗久富 王丽娜 周金星 杨筱 韩金斌 王福道(74)
Effects of altitude and slope aspect on soil seed banks on natural steep slope of Funiu Mountain, Henan Province of central China ····· Lu Yapei Luo Jiufu Wang Lina Zhou Jinxing Yang Xiao Han Jinbin Wang Fudao

基于土地利用变化的陕北地区生境质量时空演变及其驱动因素·····	周德志 关颖慧 张冰彬 陈 容 王秀茹(85)
Spatial-temporal evolution of habitat quality in northern Shaanxi Province of northwestern China based on land use change and its driving factors ·····	Zhou Dezhi Guan Yinghui Zhang Bingbin Chen Rong Wang Xiuru
北京门头沟区主要林分类型地表火行为模拟研究·····	李炳怡 刘冠宏 舒立福(96)
Simulation study on surface fire behavior of main forest types in Mentougou District, Beijing ·····	Li Bingyi Liu Guanhong Shu Lifu
园艺学 Horticulture Sciences	
引种栽培条件下大花黄牡丹二次枝及顶芽发育的初步研究·····	陈庭巧 袁 涛 解梦雨 唐 英 曾秀丽(106)
Development of secondary branches and apical buds of <i>Paeonia ludlowii</i> under cultivated conditions ·····	Chen Tingqiao Yuan Tao Xie Mengyu Tang Ying Zeng Xiuli
风景园林 Landscape Architecture	
北京温榆河生态廊道春季鸟类物种构成与多尺度环境因子的关系·····	张梦园 冉呈程 滕雨欣 郝培尧 董 丽(115)
Correlation between bird species composition and multi-scale environmental factors in spring in Wenyu River ecological corridor of Beijing ·····	Zhang Mengyuan Ran Chengcheng Teng Yuxin Hao Peiyao Dong Li
林业工程 Forestry Engineering	
应用环境对 OSB 抗弯性能的影响研究·····	陈超意 李万兆 梅长彤(128)
Effects of application conditions on the bending strength of oriented strand board (OSB) ·····	Chen Chaoyi Li Wanzhao Mei Changtong
寒冷地区多层轻型木结构墙体热湿性能试验研究·····	梅诗意 李 瑜 李士帅 朱怡宁 何金春 孟鑫淼 高 颖(135)
Field study of the hygrothermal performance of multi-storey light wood-framed walls in cold zones ·····	Mei Shiyi Li Yu Li Shishuai Zhu Yining He Jinchun Meng Xinmiao Gao Ying
杨树苗移栽机齿轮齿条式扶苗机构设计与研究·····	刘九庆 桂 康 杨春梅(146)
Design and research on rack and pinion seedling supporting mechanism of poplar seedling transplanter ·····	Liu Jiuqing Gui Kang Yang Chunmei
综合述评 Reviews	
木材的视觉刺激及人体心理生理响应研究进展·····	张 悦 李 超 郭叶莹子 赵广杰(156)
Research development on human psychological and physiological responses to visual stimulation of wood ·····	Zhang Yue Li Chao Guo-Ye Yingzi Zhao Guangjie
弘扬科学家精神专题宣传 ·····	(封二)
《北京林业大学学报》征稿简则 ·····	(封三)