

ISSN 2096-4900
CN 23-1603/S

温带林业研究

Journal of Temperate Forestry Research

2022

第5卷 Vol.5

1

ISSN 2096-4900



国家林业和草原局哈尔滨林业机械研究所 主办
中国林业科学研究院寒温带林业研究中心

万方数据

目 次

综合评述

多效唑对植物生理生态的影响及其在荒漠化领域的应用展望

..... 张 帅, 原伟杰, 宋晓敏, 虞 毅, 李 芸, 官吴慧 (1)

植物响应水分和氮添加的研究进展

..... 陈晓娜, 赵纳祺, 段 娜, 葛根巴图, 张景波, 石善宇, 段瑞兵, 高菽晨 (7)

适应气候变化的人工林多目标经营与管理对策.....杨礼旦 (12)

地理信息系统在森林资源管理中的应用.....吴 颖 (18)

研究论文

灰楸 *CfPPR1* 基因的克隆及表达分析

.....赵林姣, 杨英英, 付鹏跃, 张 玉, 费 越, 王 楠, 张大才, 王军辉 (21)

基于 IPCC 法大兴安岭兴安落叶松人工林碳计量参数研究

.....舒 洋, 郭娇宇, 周 梅, 管立娟, 张今奇 (30)

吉林省中部蒙古栎林降雨截留再分配特征

.....徐丽娜, 梁 启, 张 言, 李天庚, 隋海新, 白 巍, 王赛一 (36)

甘肃省麦积区退耕还林生态效益评价.....刘 艳, 温玉红, 窦俊杰, 张小军, 王 琦, 王旭明 (41)

32 年生落叶松生长与物理力学性质的分析.....于文男, 王福德, 杨伟财, 江海辰 (48)

研究简报

合肥地区常见绿化乔木种类及特性研究

.....吕黄飞, 刘泽鹏, 王金刚, 李金鹏, 邢 洁, 张利萍, 徐 斌 (53)

问题讨论

森林经营可持续发展现状与对策分析.....赵文程 (59)

低碳经济背景下的森林抚育经营问题探讨.....赵 彬 (62)

红松疱锈病的主要危害及鉴别方法与防治措施.....尚 健 (65)

提高林业调查规划设计质量的对策探讨.....宁国玮 (68)

JOURNAL OF TEMPERATE FORESTRY RESEARCH

Vol. 5 No. 1 Mar. , 2022

Contents

Review

- Effects of Paclitaxel on Plant Physiology and Ecology and Its Application Prospect in the Field of Desertification ZHANG Shuai, YUAN Wei-jie, SONG Xiao-min, YU Yi, LI Yun, GUAN Hao-hui (1)
- Plant Response to Water and Nitrogen Addition: A Review.....CHEN Xiao-na, ZHAO Na-qi, DUAN Na, GEGEN Ba-tu, ZHANG Jing-bo, SHI Shan-yu, DUAN Rui-bing, GAO Shu-chen (7)
- Multi-objective Management and Management Countermeasures of Plantation Forest Adapted to Climate Change YANG Li-dan (12)
- The Application of Geographic Information System in Forest Resource Management.....WU Ying (18)

Research Paper

- Cloning and Expression Analysis of *CjPPR1* Gene of *Catalpa fargesii*ZHAO Lin-jiao, YANG Ying-ying, FU Peng-yue, ZHANG Yu, FEI Yue, WANG Nan, ZHANG Da-cai, WANG Jun-hui (21)
- Carbon Measurement Parameters of *Larix gmelina* Plantation in the Great Xing'an Mountains Based on IPCC Method.....SHU Yang, GUO Jiao-yu, ZHOU Mei, GUAN Li-juan, ZHANG Jin-qi (30)
- Characteristics of Rainfall Interception and Redistribution of *Quercus mongolica* Forest in Central Jilin ProvinceXU Li-na, LIANG Qi, ZHANG Yan, LI Tian-geng, SUI Hai-xin, BAI Wei, WANG Sai-yi (36)
- Evaluation on Ecological Benefits of Returning Farmland to Forest in Maiji District of Gansu Province LIU Yan, WEN Yu-hong, DOU Jun-jie, ZHANG Xiao-jun, WANG Qi, WANG Xu-ming (41)
- The Analysis of the Growth, Physical and Mechanical Properties of 3 Species of 32-year-old Larches YU Wen-nan, WANG Fu-de, YANG Wei-cai, JIANG Hai-chen (48)

Scientific Notes

- Study on the Types and Characteristics of Common Greening Trees in Hefei LV Huang-fei, LIU Ze-peng, WANG Jin-gang, LI Jin-peng, XING Jie, ZHANG Li-ping, XU Bin (53)

Discussion

- Analysis on the Present Situation and Countermeasures of Sustainable Development of Forest ManagementZHAO Wen-cheng (59)
- Discussion on Forest Tending and Management Problems Under the Background of Low-carbon Economy ZHAO Bin (62)
- Main Harms, Identification Methods and Prevention Measures of *Pinus koraiensis* Blister RustSHANG Jian (65)
- Discussion on Countermeasures to Improve the Quality of Forestry Survey, Planning and Design NING Guo-wei (68)

Serial parameters: CN 23 – 1603/S * 2022 * q * A4 * 72 * zh * P * ¥10.00 * 400 * 14* 2022 – 01