

# 四川林业科技

## SICHUAN LINYE KEJI

2021年2月 第42卷 第1期

### 目次

#### · 研究报告 ·

- 冕宁县森林火灾主要影响因素及对策 ..... 盛行军 (1)
- 九寨沟不同受损林地土壤特征研究 ..... 叶 颂, 刘邵谋, 邓东周, 等 (6)
- 不同植被恢复方式对九寨沟震后土壤碳氮化学计量特征的影响 ..... 鲜 婷, 董廷发, 邓东周, 等 (11)
- 基于高通量测序的土壤微生物群落结构对土地利用方式的响应 ..... 邓楚璇, 周 英, 李上官, 等 (16)
- 大熊猫主食竹产地土壤重金属评价 ..... 刘 涌, 李俊清, 刘正霄, 等 (25)
- 重庆山区不同土地利用下的土壤肥力质量研究 ..... 叶润根, 陈国建, 王 震, 等 (29)
- 马尾松低效人工林土壤易氧化有机碳在不同改造措施下的分布特征 ..... 王亚丽, 许武成, 杜 忠 (35)
- 纱网袋颜色对红雉凤仙花传粉者不同时间段访花行为的影响 ..... 钟楠蝶, 李登飞, 杨有芹, 等 (40)
- 嘉陵江清风峡断面水体 pH 值时间序列特征及其影响因素分析 ..... 胡翠华, 刘守江, 杨 丹, 等 (47)

#### · 生态建设 ·

- 四川省若尔盖保护区景观生态格局动态分析 ..... 冯 佳, 董 鑫, 赵姗姗 (52)
- 川西北高寒沙化草地围栏禁牧时段和恢复过程的耦合机理研究 ..... 黄 怡, 赵 聪, 杨 洋, 等 (60)
- 基于 AHP 分析法的川西北高寒沙地适生治沙灌木筛选评价研究 ..... 陈德朝, 达郎周, 鄢武先, 等 (65)
- 基于 MaxEnt 模型的白水河国家级保护区有蹄类保护动物生境适宜性评价 ..... 温 平, 彭 科, 陈 旭, 等 (70)
- 基于红外相机的白水河国家级自然保护区偶蹄类活动节律调查 ..... 彭 科, 陈 旭, 温 平, 等 (76)
- 四川荣经县境内黑颈鹤 (*Grus nigricollis*) 迁徙路线及停歇地选择 ..... 王 聪, 程 勇, 朱恒大, 等 (83)

#### · 林业产业 ·

- 低温胁迫下梁山慈竹体细胞突变体植株叶绿素荧光响应 ..... 张 丽, 陈 洪, 王 准, 等 (91)
- 不同采摘时间及采后不同处理对茶果相关指标影响 ..... 龙雪燕, 欧阳文英, 杨 松, 等 (96)
- 不同栽植密度对叶用银杏生长量及叶产量的影响 ..... 邓辉洪, 曹 浒, 徐雪娇, 等 (102)
- 川南地区梁山慈竹无性系选优研究 ..... 陈 鹏, 郑仁红, 王 勇, 等 (109)
- 不同种苗类型白及物候及产量研究 ..... 曹建新, 彭 莹, 姜远标, 等 (114)
- 大渡河干旱河谷早实核桃品种生长评价 ..... 李 静, 帅 伟, 苟天雄, 等 (119)
- 基于 ITS 和 *ycf1* 序列的白及遗传多样性分析 ..... 李文俊, 姜丽琼, 刘 琼, 等 (125)
- 成都麻羊种群微卫星标记遗传多样性评估 ..... 余姣姣, 刘家斌, 徐永涛, 等 (130)
- 岩桂果实油脂脂肪酸组成分析 ..... 徐 明, 王 铁, 黄伊嘉, 等 (137)

#### · 综述与专论 ·

- 四川自然保护红外相机数据管理系统的研发及其应用 ..... 杨 彪, 李生强, 杨 旭, 等 (141)
- 两步路户外助手 APP 在生物多样性调查中的应用 ..... 李成容, 李 云, 周材权 (149)

# Journal of Sichuan Forestry Science and Technology

Vol. 42, No. 1, Feb. 2021

## Contents

### Research Reports

- Main influencing factors and countermeasures of forest fire in Mianning County ..... SHENG Xingjun ( 1 )
- Research on soil characteristics of different damaged woodlands in Jiuzhaigou County  
..... YE Song, LIU Shaomou, DENG Dongzhou, et al. ( 6 )
- Effects of different restoration models on soil carbon and nitrogen stoichiometry in Junzhaigou earthquake-stricken landslides  
..... XIAN Ting, DONG Tingfa, DENG Dongzhou, et al. (11)
- Response of soil microbial community structure to land use types based on high-throughput sequencing analysis  
..... DENG Chuxuan, ZHOU Ying, LI Shangguan, et al. (16)
- Evaluation of soil heavy metals in the place of giant panda staple food bamboo ... LIU Yong, LI Junqing, LIU Zhengxiao, et al. (25)
- Research on soil fertility quality under different land use types in mountainous areas of Chongqing  
..... YE Rungen, CHEN Guojian, WANG Zhen, et al. (29)
- Distribution characteristics of soil readily oxidizable organic carbon in *Pinus massoniana* plantation under different low-  
efficiency transformation measures ..... WANG Yali, XU Wucheng, DU Zhong (35)
- Effect of gauze bag color on visiting behaviors of *Impatiens oxyanthera* pollinators in different time periods  
..... ZHONG Nandie, LI Dengfei, YANG Youqin, et al. (40)
- Time-series characteristics and influencing factors of pH value in the Qingfeng Gorge section of the Jialing River from 2007 to  
2017 ..... HU Cuihua, LIU Shoujiang, YANG Dan, et al. (47)

### Ecological Development

- Dynamic analysis of landscape ecological pattern in Zoige Nature Reserve, Sichuan Province  
..... FENG Jia, DONG Xin, ZHAO Shanshan (52)
- Coupling mechanism of grazing exclusion period and recovery processes in alpine desertification grassland in northwest  
Sichuan ..... HUANG Yi, ZHAO Cong, YANG Yang, et al. (60)
- Screening and evaluation of suitable shrubs for sand control in alpine sandy land of northwest Sichuan based on AHP analysis  
..... CHEN Dechao, DA Langzhou, YAN Wuxian, et al. (65)
- Habitat suitability evaluation of four ungulate species in Baishuihe National Nature Reserve based on MaxEnt model  
..... WEN Ping, PENG Ke, CHEN Xu, et al. (70)
- The activity rhythm survey of ungulates in Baishuihe National Nature Reserve based on infrared camera trapping  
..... PENG Ke, CHEN Xu, WEN Ping, et al. (76)
- Migration routes and stopover sites of black-necked cranes in Yingjing County, Sichuan Province  
..... WANG Cong, CHENG Yong, ZHU Hengda, et al. (83)

### Forestry Industry

- Responses of chlorophyll fluorescence in two somaclone mutants of *Dendrocalamus farinosus* under low temperature stress  
..... ZHANG Li, CHEN Hong, WANG Zhun, et al. (91)
- Effects of different picking times and different post-harvest treatments on oil-tea camellia fruit indicators  
..... LONG Xueyan, OUYANG Wenying, YANG Song, et al. (96)
- Effects of different planting densities on growth and leaf yield of leaf-harvest *Ginkgo biloba* L.  
..... DENG Huihong, CAO Hu, XU Xuejiao, et al. (102)
- Study on clonal selection of *Dendrocalamus farinosus* in south Sichuan ... CHEN Peng, ZHENG Renhong, WANG Yong, et al. (109)
- Studies on phenology and yield of different seedling types of *Bletilla striata* ... CAO Jianxin, PENG Ying, JIANG Yuanbiao, et al. (114)
- Growth evaluation of precocious walnut varieties in dry valley of the Ddadu River ... LI Jing, SHUAI Wei, GOU Tianxiong, et al. (119)
- Genetic diversity analysis of *Bletilla striata* based on ITS and *ycfl* genes ..... LI Wenjun, JIANG Liqiong, LIU Qiong, et al. (125)
- Genetic diversity assessment of Chengdu gray goat based on microsatellite markers  
..... YU Jiaojiao, LIU Jiabin, XU Yongtao, et al. (130)
- Analysis of fatty acid composition in fruit greasde of *Cinnamomum petrophilum*  
..... XU Ming, WANG Tie, HUANG Yijia, et al. (137)

### Review and Monograph

- Development and application of Sichuan nature conservation infrared camera data management system  
..... YANG Biao, LI Shengqiang, YANG Xu, et al. (141)
- Application of Two-step outdoor assistant app in biodiversity survey ..... LI Chengrong, LI Yun, ZHOU Caiquan (149)