

目次

菌根及内生真菌专题(特邀主编:秦 华)

不同优势菌根类型转变对土壤团聚体组成及性状的影响

..... 马行聪, 金文豪, 屠嘉莹, 盛卫星, 陈俊辉, 秦 华(1149)

无距虾脊兰根际土壤真菌与根系内生真菌多样性..... 何水莲, 黄 蓓, 李田园, 田 敏(1158)

从枝菌根真菌和溶磷细菌协调植物获取磷素的机制..... 高 宁, 邢意警, 熊 瑞, 史文辉(1167)

研究论文

‘无子瓯柑’E3 泛素连接酶基因 *CsRNF217* 对转基因烟草育性的影响

..... 叶潇铃, 赵宇虹, 姜 楠, 张 敏, 张 迟(1181)

截顶及植物生长调节剂施用对马尾松内源激素和雌球花形成的影响

..... 王文月, 丰忠平, 王建昌, 杨 涛, 张 振, 周志春(1188)

萼脊蝴蝶兰开花特性与繁育系统研究

..... 陈之光, 徐 言, 葛 红, 杨树华, 赵 鑫, 寇亚平, 朱晋宇, 贾瑞冬, 武荣花(1197)

郑州市7种园林植物滞尘能力与叶片生理及光合响应

..... 贺 丹, 李海涛, 原江琴, 汪安印, 王翼飞, 李永华, 刘艺平(1205)

人参红皮病菌 *Rhexocerosporidium panacis* 的化学成分

..... 刘 鹏, 李 琦, 杨 健, 孙迪安, 况 燧, 丁 刚(1215)

黑翅土白蚁共生真菌对水稻秸秆生物降解研究

..... 沈 毅, 漆梦雯, 羊桂英, 周琪欢, 余 婷, 李吴晗, 莫建初(1224)

生物质炭基肥对重庆植烟区烤烟根系发育及产量和品质的影响

..... 宋 鹏, 李 慧, 江厚龙, 赵鹏宇, 李理想, 赵 彪, 张 均(1232)

不同灭菌方式下草地土壤有机碳矿化对尿液添加的响应

..... 姜淑贞, 连逸晨, 华润昕, 张雨涵, 蒋文婷, 肖向前, 范 博, 蔡延江(1241)

气候变化背景下天目山落叶阔叶林乔木层1996—2017年动态研究

..... 郑 泉, 王 通, 庞春梅, 宋思婧, 丁 山, 余树全(1250)

历史地理信息系统视角下野生蕙兰时空分布及其影响因素..... 焦鑫宇, 龙 梅, 刘志雄(1261)

公益林生态效益补偿单位采用蓄积及其增量的探索..... 马浩然(1273)

基于广义代数差分法和因子选择的杉木人工林立地质量评价

..... 龚宇浩, 孙益群, 董 晨, 胡彦蓉, 高威芳(1282)

江西省国家森林乡村的空间格局及其影响机制

..... 李孜沫(1292)

福州市中心城区公园绿地的供需关系及空间异质性

..... 陈 津, 游巍斌, 何东进, 胡喜生(1300)

基于PLUS模型的溱湖国家湿地公园情景模拟与预测

..... 汪 辉, 刘 媛, 时 艳, 丁治凡, 蒋洪超(1311)

小滦河流域土地沙化时空动态监测及景观格局演变特征

..... 李嘉豪, 刘玉国, 赵紫晴, 周怡宁, 徐子涵, 陈新均, 崔 明(1322)

没食子酸改性竹粉的制备及抑菌性能..... 叶金枝, 徐 涓, 杨 静, 杨海艳, 王大伟, 史正军(1333)

小径级圆竹顺纹抗压强度及其影响因素..... 代福宽, 汪紫微, 王汉坤, 田根林, 王传贵(1341)

竹材索道集材运输装备跑车及悬索的设计与分析

..... 雷永杰, 周建波, 傅万四, 冯海韵, 傅 兴, 王凡雨, 张立忠, 张雨晴, 廖新华(1348)

文献综述

“双碳”背景下种植业减排增汇的途径与政策建议..... 孔德雷, 姜培坤(1357)

红豆杉生长特征的影响因素研究进展..... 陈 勇(1366)

《浙江农林大学学报》稿约..... (1376)

《浙江农林大学学报》2023年第40卷总目次..... (I)

Contents

- Impact of shifts among mycorrhizal types on soil aggregate composition and characteristics
..... MA Xingcong, JIN Wenhao, TU Jiaying, et al. (1149)
- Diversity of rhizosphere soil fungi and root endophytic fungi of *Calanthe tsoongiana*
..... HE Shuilian, HUANG Bei, LI Tianyuan, et al. (1158)
- Mechanisms of plant P acquisition coordinated by arbuscular mycorrhizal fungi and phosphate-solubilizing
bacteria GAO Ning, XING Yijing, XIONG Rui, et al. (1167)
- Fertility effect of E3 ubiquitin ligase gene *CsRNF217* in transgenic tobacco plants
..... YE Xiaoling, ZHAO Yuhong, JIANG Nan, et al. (1181)
- Effects of top pruning and exogenous hormone application on endogenous hormone content and female
bulb formation in *Pinus massoniana* WANG Wenyue, FENG Zhongping, WANG Jianchang, et al. (1188)
- Flowering characteristics and breeding system of *Phalaenopsis japonica*
..... CHEN Zhiguang, XU Yan, GE Hong, et al. (1197)
- Dust retention capacity and leaf physiology and photosynthesis response of 7 garden plants in Zhengzhou
City HE Dan, LI Haitao, YUAN Jiangqin, et al. (1205)
- Chemical components of *Rhexocercosporidium panacis* from *Panax ginseng*
..... LIU Peng, LI Qi, YANG Jian, et al. (1215)
- Biodegradation of rice straw by symbiotic fungi of *Odontotermes formosanus*
..... SHEN Yi, QI Mengwen, YANG Guiying, et al. (1224)
- Effect of biochar-based fertilizer on root development, yield and quality of flue-cured tobacco in Chongqing
tobacco growing area SONG Peng, LI Hui, JIANG Houlong, et al. (1232)
- Response of grassland soil CO₂ emissions to urine addition under different sterilization methods
..... JIANG Shuzhen, LIAN Yichen, HUA Runxin, et al. (1241)
- Dynamic study on tree layer of deciduous broad-leaved forest in Mount Tianmu from 1996 to 2017 under
climate change ZHENG Xiao, WANG Tong, PANG Chunmei, et al. (1250)
- Spatiotemporal distribution and influencing factors of wild *Cymbidium faberi* from the perspective of
historical geographic information system JIAO Xinyu, LONG Mei, LIU Zhixiong (1261)
- Using volume and volume increment as units of payment for ecosystem services based on ecological
public forest MA Haoran (1273)
- Site quality evaluation of *Cunninghamia lanceolata* plantation based on generalized algebraic difference
approach and factor selection GONG Yuhao, SUN Yiqun, DONG Chen, et al. (1282)
- Spatial pattern and impact mechanism of national forest villages in Jiangxi Province LI Zimo (1292)
- Supply and demand relationship and its spatial heterogeneity of urban parks in downtown area of Fuzhou
..... CHEN Jin, YOU Weibin, HE Dongjin, et al. (1300)
- Scenario simulation and prediction of Qinhu National Wetland Park based on PLUS Model
..... WANG Hui, LIU Yuan, SHI Yan, et al. (1311)
- Temporal and spatial dynamic monitoring of land desertification and landscape pattern evolution
characteristics in the Xiaoluan River Basin LI Jiahao, LIU Yuguo, ZHAO Ziqing, et al. (1322)
- Preparation and antibacterial properties of gallic acid modified bamboo powder
..... YE Jinzhi, XU Juan, YANG Jing, et al. (1333)
- Compressive strength of small-diameter bamboo and its influencing factors
..... DAI Fukuan, WANG Ziwei, WANG Hankun, et al. (1341)
- Design and analysis of bamboo cableway skidding transportation equipment sports car and suspension
cable LEI Yongjie, ZHOU Jianbo, FU Wansi, et al. (1348)
- Reviews**
- Approaches and policy recommendations for reducing emissions and increasing carbon sinks in crop
industry under the background of carbon peak and carbon neutrality KONG Delei, JIANG Peikun (1357)
- Research progress on influencing factors of growing characteristics of *Taxus* spp. CHEN Yong (1366)