

目 次

浙江省公益林生物多样性和立地对生物量的影响 金超, 李领寰, 吴初平, 姚良锦, 朱锦茹, 袁位高, 江波, 焦洁洁(1083)

六盘山辽东栎林种群结构和空间分布格局 张中惠, 郭建斌, 王彦辉, 王晓(1091)

白洋淀大清河流域油松精准适宜性空间分布 郭虹扬, 史明昌, 杨建英, 陈春阳(1100)

干旱影响下光能利用率模型模拟常绿针叶林总初级生产力的比较 董浩, 丁丽霞(1109)

江西省兴国县植被覆盖度及其空间格局变化 徐丽, 彭浩贤, 潘萍, 欧阳勋志, 余泉, 章敏, 周巧晴(1117)

缓解城市热岛效应的南京市绿色基础设施网络构建方法 赵晨晓, 刘春卉, 魏家星(1127)

滴灌与沟灌对杨树细根空间分布的影响 秘洪雷, 兰再平, 彭晶晶, 马鑫(1136)

美洲黑杨杂交子代苗期性状遗传变异及选择 严艳兵, 潘惠新(1144)

欧洲千里光 *CYCLOIDEA(CYC)* 类 *SvRAY1* 基因的克隆及功能分析 陈柯俐, 朴春兰, 郝燕敏, 冯丽君, 周佳圆, 梁思楠, 刘乐乐, 李菲菲, 袁思明, 崔敏龙(1153)

华蓥市山区典型林分土壤团聚体稳定性及抗蚀能力 陈涛, 周利军, 齐实, 孙保平, 聂泽旭(1161)

长喙毛茛泽泻根茎叶营养成分与急性经口毒性 石从广, 李浩铭, 仇建习, 吕贤良, 叶珊(1170)

保水剂和生物表面活性剂配制屋顶绿化轻型基质的探究 谭其言, 李素艳, 孙向阳, 郝惠蓉, 李逸楠, 孙经宇(1178)

单季稻氮磷吸收及径流流失对不同肥料施用的响应 方晨露, 简永旗, 吴家森, 张艳, 鲁长根, 邵建均, 郭飞飞, 姜培坤(1187)

有机肥部分替代化肥对露地茄生长及品质的影响 吴金栋, 何勇, 朱祝军(1195)

3种竹子内生固氮菌特征及多样性 冯歌林, 高竞, 严淑娴, 王晶, 梁辰飞, 秦华, 陈俊辉, 徐秋芳(1203)

高效降解菌 *Arthrobacter nicotianae* ZAF-05 对土霉素的减毒效应 朱蓉蓉, 张赞, 史艳可, 林辉, 张昕(1213)

三峡库区长江干流入出库断面氨氮与高锰酸钾指数负荷研究 黄玥, 黄志霖, 肖文发, 曾立雄, 李晖(1221)

松阳县典型中轻度污染耕地镉输入输出平衡研究 徐火忠, 吴东涛, 李贵松, 吴林土, 叶春福, 郭彬, 马嘉伟, 叶正钱, 柳丹(1231)

交流电场和水分对褪色柳-东南景天混栽修复镉污染土壤的影响 刘波, 陈绩, 马嘉伟, 方先芝, 赵科理, 柳丹, 叶正钱(1238)

香根草对扑草净污染水体的净化潜力 石傲傲, 郑毅, 张坤, 邓志华, 角慈梅, 孙仕仙(1245)

宁夏不同区域欧李园昆虫群落多样性 曹春婧, 何建龙, 王占军, 魏淑花(1253)

农户竹产业融合参与和人力资本对农户收入的影响 费喜敏, 沈月琴, 赵夫明(1261)

风险态度、风险感知对农户碳汇林流转意愿的影响 陈伟, 顾蕾, 冯贻勇, 朱爱琴, 朱玮强(1270)

文献综述

西红花真菌性病害与生防菌鉴定研究进展 杜雪, 李秀娟, 桂思琦, 开国银, 邵果园, 周伟(1279)

研究简报

浙江省毛竹秆形结构特征 杨帆, 汤孟平(1289)

1株木质素降解菌的筛选、鉴定及液态发酵条件优化 李雅琳, 李素艳, 孙向阳, 郝丹, 蔡琳琳, 常晓彤(1297)

《浙江农林大学学报》2021年第38卷总目次 (I)

Contents

- Impact of biodiversity and site factors on biomass of public welfare forests in Zhejiang Province
..... JIN Chao, LI Linghuan, WU Chuping, et al. (1083)
- Population structure and spatial distribution pattern of *Quercus wutaishanica* in Liupan Mountains
..... ZHANG Zhonghui, GUO Jianbin, WANG Yanhui, et al. (1091)
- Precise spatial distribution of suitability of *Pinus tabulaeformis* in Daqing River Basin, Baiyangdian
..... GUO Hongyang, SHI Mingchang, YANG Jianying, et al. (1100)
- A comparison of different radiation use efficiency models in gross primary production accuracy under drought
..... DONG Hao, DING Lixia (1109)
- Vegetation coverage and its spatial pattern changes in Xingguo County, Jiangxi Province
..... XU Li, PENG Haoxian, PAN Ping, et al. (1117)
- Green infrastructure network construction method for mitigating urban heat island effect in Nanjing
..... ZHAO Chenxiao, LIU Chunhui, WEI Jiaying (1127)
- Effects of drip irrigation and furrow irrigation on spatial distribution of fine roots of *Populus*
..... BI Honglei, LAN Zaiping, PENG Jingjing, et al. (1136)
- Genetic variation and selection of seedling traits in hybrid progeny of *Populus deltoides*
..... YAN Yanbing, PAN Huixin (1144)
- Cloning and functional analysis of *CYCLOIDEA(CYC)*-like *SvRAY1* gene from *Senecio vulgaris*
..... CHEN Keli, PIAO Chunlan, HAO Yanmin, et al. (1153)
- Soil aggregate stability and anti-erodibility of typical forest stands in Huaying mountain area
..... CHEN Tao, ZHOU Lijun, QI Shi, et al. (1161)
- Nutritional components of rhizome and leaf of *Ranalisma rostratum* and its acute oral toxicity
..... SHI Congguang, LI Haoming, QIU Jianxi, et al. (1170)
- Study on light-weight substrate for roof greening with aquasorb and biosurfactant
..... TAN Qiyang, LI Suyan, SUN Xiangyang, et al. (1178)
- Response of nitrogen and phosphorus uptake and runoff loss in single cropping rice to different fertilization treatments
..... FANG Chenlu, JIAN Yongqi, WU Jiasen, et al. (1187)
- Effects of partial substitution of chemical fertilizer with organic fertilizer on growth and quality of *Solanum melongena* in open field
..... WU Jindong, HE Yong, ZHU Zhujun (1195)
- Characteristics and diversity of endophytic diazotrophs in three bamboo species
..... FENG Gelin, GAO Jing, YAN Shuxian, et al. (1203)
- Reduction of toxicity of oxytetracycline by highly efficient degrading bacterium *Arthrobacter nicotianae* ZAF-05
..... ZHU Rongrong, ZHANG Zan, SHI Yanke, et al. (1213)
- NH₃-N and COD_{Mn} load in the inlet and outlet sections of the Yangtze River in Three Gorge Reservoir Area
..... HUANG Yue, HUANG Zhilin, XIAO Wenfa, et al. (1221)
- Input and output balance of cadmium (Cd) in cultivated land with moderate pollution in Songyang County
..... XU Huozhong, WU Dongtao, LI Guisong, et al. (1231)
- Effects of AC electric field and soil moisture on phytoremediation of cadmium contaminated soil by mixed planting of *Salix discolor* and *Sedum alfredii*
..... LIU Bo, CHEN Ji, MA Jiawei, et al. (1238)
- Remediation potential of *Vetiveria zizanioides* on the water polluted with prometryn
..... SHI Aoao, ZHENG Yi, ZHANG Kun, et al. (1245)
- Insect community diversity of *Cerasus humilis* orchards in different regions of Ningxia
..... CAO Chunjing, HE Jianlong, WANG Zhanjun, et al. (1253)
- Impact of farmers' bamboo industry integration participation and human capital on their income
..... FEI Ximin, SHEN Yueqin, ZHAO Fuming (1261)
- Impact of risk attitude and risk perception on farmers' willingness to transfer carbon sequestration forests
..... CHEN Wei, GU Lei, FENG Yiyong, et al. (1270)
- Review**
- Research progress of fungal diseases in *Crocus sativus* and identification of biocontrol bacteria
..... DU Xue, LI Xiujuan, GUI Siqi, et al. (1279)
- Scientific notes**
- On the structure characteristics of culm form of *Phyllostachys edulis* in Zhejiang Province
..... YANG Fan, TANG Mengping (1289)
- Screening and identification of a lignin degrading strain and its optimized liquid fermentation conditions
..... LI Yalin, LI Suyan, SUN Xiangyang, et al. (1297)