



中文核心期刊、中国科技核心期刊
中国科学引文数据库来源期刊
中国科协精品科技期刊工程项目
Scopus、EBSCO、CA、CAB、CBST等收录

ISSN 1000-369X

CN 33-1115/S

茶叶科学

Journal of Tea Science



ISSN 1000-369X



9 771000 369206

12>

2022

第42卷(卷终) 第6期

Vol.42 No.6

中国茶叶学会 中国农业科学院茶叶研究所 主办

SPONSORED BY CHINA TEA SCIENCE SOCIETY
AND TEA RESEARCH INSTITUTE, CAAS



目 次

综述

茶树生长光调控研究进展

.....盖淑杰, 王奕雄, 李兰, 刘硕谦, 李银花, 程孝, 夏茂, 刘仲华, 周智 (753)

研究报告

茶树叶绿体基因组 SNP 分子标记的初步研究

.....罗祥宗, 胡云飞, 吴淋慧, 赵雅琦, 郑伟铭, 黎巷汝, 李力 (768)

茶树白化果皮超微结构观察及分子机制研究

.....汤榕津, 刘浩然, 刘丁丁, 张晨禹, 龚洋, 叶圆圆, 陈杰丹, 陈亮, 马春雷 (779)

基于离散元法的茶园仿生铲减阻性能研究.....姜嘉胤, 董春旺, 倪益华, 徐家俊, 李杨, 马蓉 (791)

不同茶树品种鲜叶多糖的理化性质和抗氧化活性比较研究

.....陈薛, 左欣欣, 徐安安, 徐平, 王岳飞 (806)

磷铝互作对茶树根系生长及有机酸分泌的影响

.....周贝妮, 梅慧玲, 李建杰, 陈伶俐, 衷青, 李小倩, 陈暄, 黎星辉 (819)

两性生命表研究灰茶尺蠖与茶尺蠖生长发育和繁殖力.....葛繁星, 史凡, 程春喜, 陈李林 (828)

茶网蝽线粒体基因组全序列测定及系统发育分析.....杨金宏, 谢满超, 文欣茹, 陈蕊茹, 孔卫青 (839)

冠突散囊菌 LJSC.2005 对茯茶主体黑毛茶发花品质影响

.....汤依钰, 俞梦瑶, 禹利君, 黄建安, 王坤波, 刘仲华 (851)

儿茶素单体 EGC 对胰脂肪酶的抑制作用及其机理研究.....满子意, 凤怡, 吴祥庭 (863)

湖南红茶实物标准样制作及品质分析

.....银霞, 童彤, 肖扬波, 黄静, 包小村, 刘淑娟, 吴文亮, 王阔飞, 伍崇岳, 刘仲华, 张曙光 (875)

中国茶产业政策与全要素生产率变动.....朱伟丽, 陈江华, 李道和 (886)

Journal of Tea Science

Vol. 42, No. 6

December, 2022

Contents

Review

Research Progress of Tea Plant (*Camellia sinensis*) Growth under Light Regulation

.....GAI Shujie, WANG Yixiong, LI Lan, et al (753)

Research Paper

Preliminary Study on SNP Molecular Markers in Tea Chloroplast Genome

.....LUO Xiangzong, HU Yunfei, WU Linhui, et al (768)

The Ultrastructure and Molecular Mechanism of Albino Pericarp in Tea Plants

.....TANG Rongjin, LIU Haoran, LIU Dingding, et al (779)

Research on Drag Reduction Performance of Tea Garden Bionic Shovel Based on Discrete Element

Method.....JIANG Jiayin, DONG Chunwang, NI Yihua, et al (791)

Comparative Study on the Physicochemical Characteristics and Antioxidant Activities of Polysaccharides

in Different Tea Cultivars.....CHEN Xue, ZUO Xinxin, XU An'an, et al (806)

Root Growth and Organic Acid Secretion of Tea Plants Affected by Phosphorus and Aluminum Interaction

.....ZHOU Beini, MEI Huiling, LI Jianjie, et al (819)

Development and Reproduction of *Ectropis grisea* and *Ectropis obliqua* Based on the Two-Sex

Life Table.....GE Fanxing, SHI Fan, CHENG Chunxi, et al (828)

The Complete Mitochondrial Genome Sequence and Phylogenetic Analysis of the *Stephanitis chinensis*

.....YANG Jinhong, XIE Manchao, WEN Xinru, et al (839)

Effects of *Eurotium cristatum* LJSC.2005 on the Quality of Primary Dark Tea, A Major Part of Fu Tea

.....TANG Yiyu, YU Mengyao, YU Lijun, et al (851)

Inhibitory Effect of Catechin Monomer EGC on Pancreatic Lipase and Mechanism

.....MAN Ziyi, FENG Yi, WU Xiangting (863)

Preparation and Quality Analysis of Standard Samples of Hunan Black Tea

.....YIN Xia, TONG Tong, XIAO Yangbo, et al (875)

Policy and the Total Factor Productivity Change of Tea Industry in China

.....ZHU Weili, CHEN Jianghua, LI Daohe (886)