

# 茶叶科学

第 39 卷 第 1 期

2019 年 2 月

## 目 次

茶树成花机理研究进展	刘莹, 郝心愿, 郑梦霞, 王新超, 肖斌, 杨亚军 (1)
生根剂处理对于茶树嫩枝扦插内源激素水平和繁殖的影响	任恒泽, 张丽霞, 向勤铿, 韩晓阳, 于谦, 蔡鲁 (11)
茶叶预防衰老及衰老相关疾病研究进展	戴申, 鹿颜, 余鹏辉, 龚雨顺, 刘仲华 (23)
红茶及其发花红砖茶对高尿酸血症模型小鼠的降尿酸作用	袁冬寅, 肖文军, 彭影琦, 林玲, 周阳, 谭春波, 谭洪波, 龚志华 (34)
L-茶氨酸对小鼠肠道形态结构及游离氨基酸的影响	彭影琦, 肖文军, 张盛, 袁冬寅, 林玲, 周阳, 龚志华 (43)
(+)-儿茶素缓解大鼠低氧性肺动脉高压的作用和机制	颜俊杰, 陈方政, 陈罗薇, 王恒, 黄静雯, 金陆飞, 徐于惠, 袁琳波 (55)
闷黄工艺因子对黄茶品质及滋味化学组分的影响研究	范方媛, 杨晓蕾, 龚淑英, 郭昊蔚, 李春霖, 钱虹, 胡建平 (63)
基于蚁群算法的双锅曲毫机的优化设计	李兵, 李为宁, 宋扬扬, 孙长应 (74)
计算机视觉技术在茶叶领域中的应用现状及展望	黄藩, 刘飞, 王云, 罗凡 (81)
混菌发酵绿茶产脂肪酶及其对酯型儿茶素的水解作用分析	方洪枫, 张慧霞, 王国红, 杨民和 (88)
灰茶尺蠖雌成虫生殖器形态特征与组织结构的研究	张家侠, 孙钦玉, 葛超美, 叶涛, 张冉, 丁勇 (98)
超高效液相色谱-串联质谱联法测定茶园用农药制剂中烷基酚聚氧乙烯醚含量	林琴, 周利, 罗逢健, 杨洁, 王新茹, 孙荷芝, 杨梅, 陈宗懋 (105)

# Journal of Tea Science

Vol. 39, No. 1

February, 2018

## Contents

Recent Advances on Tea Flowering Mechanisms

.....LIU Ying, HAO Xinyuan, ZHENG Mengxia, et al (1)

Effects of Rooting Agent on Endogenous Hormone Levels and Propagation of Softwood Cuttings of

Tea Plant.....REN Hengze, ZHANG Lixia, XIANG Qinzeng, et al (11)

Research Progress of The Preventing Effects of Tea on Aging and Aged-related Pathologies

.....DAI Shen, LU Yan, YU Penghui, et al (23)

Effects of Black Tea and Its Flower Brick Tea on Lowering Uric Acid in Hyperuricemic Mice

.....YUAN Dongyin, XIAO Wenjun, PENG Yingqi, et al (34)

Effects of L-theanine on Intestinal Morphology and Free Amino Acids in Mice

.....PENG Yingqi, XIAO Wenjun, ZHANG Sheng, et al (43)

The Effect and Mechanism of (+)-Catechins on Relieving Hypoxic Pulmonary Hypertension in Rats

.....YAN Junjie, CHEN Fangzheng, CHEN Luowei, et al (55)

The Effect of Technological Factors on Yellow Tea Quality and Taste-chemical Constituents in the

Yellowing Process.....FAN Fangyuan, YANG Xiaolei, GONG Shuying, et al (63)

Optimal Design of Double-pan Roasting MachineBased on Ant Colony Algorithm

.....LI Bing, LI Weining, SONG Yangyang, et al (74)

Research Progress and Prospect on Computer Vision Technology Application in Tea Production

.....HUANG Fan, LIU Fei, WANG Yun, et al (81)

Fungal Mixed Fermentation for The Production of Lipase and Its Activity Analysis in Galloylated

Catechin Hydrolysis.....FANG Hongfeng, ZHANG Huixia, WANG Guohong, et al (88)

Morphological Characteristics and Histological Structure of the Reproductive Organs in Female Adults

of *Ectropis grisescens* Warren (Lepidoptera: Geometridae)

.....ZHANG Ji Xia, SUN Qinyu, GE Chaomei, et al (98)

Determination of Alkylphenol Ethoxylates in Agrochemicals for Tea Garden by UPLC-MS/MS

.....LIN Qin, ZHOU Li, LUO Fengjian, et al (105)