

目次

· 专家特稿 ·

炭基肥在贵州山地特色高效农业发展中的应用及其效益分析 ..... 刘方,陈祖拥,刘元生,何腾兵(1)

· 研究报告 ·

金铁锁愈伤组织花色苷的稳定性研究 ..... 韦红边,李小兰,张明生,刘贵贤,高晓峰,徐佳瑜(7)

半夏及其易混品的DNA分子鉴定 ..... 冯图,何洋,阮培均(15)

施用氮磷钾肥对白术种子产量和质量的影响 ..... 彭方丽,赵致,刘红昌,王华磊,黄明进,姚伦国(21)

不同烟草品种绿原酸含量变化研究 ..... 万诚,刘仁祥,聂琼,龙丽,徐如宏(25)

31%柠檬醛羟丙基-β-环糊精水剂制备及其对稻瘟病菌的抑制作用  
..... 高强,李明,李荣玉,郑丽,胡贤峰(29)

杜鹃兰假鳞茎发育中内源激素的含量变化  
..... 高晓峰,吕享,吴彦秋,王汪中,黄图成,韦红边,刘贵贤,张明生(34)

务川耕地土壤养分状况的调查与分析 ..... 杨俊松,王德炉,吴春玉,黄付军(40)

三叶木通果实转录组测序初步分析 ..... 杨航,刘红昌,石小兵,葛菲,赵致,罗辉(46)

· 山区开发 ·

花溪国家城市湿地公园景观植物应用 ..... 王建,王秀荣,孙苏,谭丽,刘红玉(52)

不同配比氮磷钾硼肥对万寿竹种子发芽的影响  
..... 朱力,王华磊,赵致,刘红昌,杨振华,曾垂剑,赖雅丽(58)

· 文献综述 ·

AM真菌离体双重培养研究进展 ..... 冉海燕,江龙(62)

· 研究简报 ·

猕猴桃病原真菌拮抗菌筛选 ..... 何应红,钱一鑫,康冀川,雷帮星(68)

多效唑和赤霉素对结球白菜抽薹开花的调控 ..... 胡存彪,陈云飞,刘圣会,彭剑涛(73)

恩施碎米荠营养成分分析研究 ..... 曹斌,邓国栋(76)

凯里白酸汤的优化工艺 ..... 郑莎莎,宋煜婷,罗意,徐俐(80)

隆阳烟区植烟土壤养分评价及分类  
..... 程昌新,张发明,段迎建,张玉丰,王超,李伟,朱海滨,何晓健,张静,闫辉,刘浩(86)

二氢杨梅素对鲤鱼生长及某些生理指标的影响 ..... 秦滢,李芳香,逯凤肖,郁建平(91)

# CONTENTS

## • Featured Articles •

The Application of Biochar-fertilizer and Its Benefit Analysis for Developing Efficient Agriculture with Mountainous Characteristic in Guizhou Province ..... LIU Fang, CHEN Zu-yong, LIU Yuan-sheng, HE Teng-bing(1)

## • Research Papers •

Studies on the Stability of Anthocyanin in *Psammosilene tunicoides* Callus

..... WEI Hong-bian, LI Xiao-lan, ZHANG Ming-sheng, LIU Gui-xian, GAO Xiao-feng, XU Jia-yu(7)

Identification of *Pinellia ternata* and Adulterants Based on DNA Barcoding ..... FENG Tu, HE Yang, RUAN Pei-jun(15)

Influence of Fertilization on the Yield and Quality of the Seed of *Atractylodes macrocephala*

..... PENG Fang-li, ZHAO Zhi, LIU Hong-chang, WANG Hua-lei, HUANG Ming-jin, YAO Lun-guo(21)

Dynamic Changes of Chlorogenic Acid Content in Different Types of Tobacco Cultivars

..... WAN Cheng, LIU Ren-xiang, NIE Qiong, LONG Li, XU Ru-hong(25)

Preparation of Citral HP- $\beta$ -CD 31% AS and Its Biological Activity of Magnaporthe Grisea

..... GAO Qiang, LI Ming, LI Rong-yu, ZHENG Li, HU Xian-feng(29)

Endogenous Hormone Content Changes During Newborn *Cremastra Pseudobulb* Development

..... GAO Xiao-feng, LV Xiang, WU Yan-qiu, WANG Wang-zhong, HUANG Tu-cheng, WEI Hong-bian, LIU Gui-xian, ZHANG Ming-sheng(34)

Investigation and Analysis on Soil Nutrient Status of Main Cultivated Land in Wuchuan County

..... YANG Jun-song, WANG De-lu, WU Chun-yu, HUANG Fu-jun(40)

Transcriptome Analysis of *Akebia trifoliata* in Ripening Process

..... YANG Hang, LIU Hong-chang, SHI Xiao-bing, GE Fei, ZHAO Zhi, LUO Hui(46)

## • Mountain Area Development •

Research the situation of landscape plants in Huaxi National Urban Wetland Park

..... WANG Jian, WANG Xiu-rong, SUN Su, TAN Li, LIU Hong-yu(52)

Influence of Different Ratios of NPKB Fertilizer on Germination Rate of the Seed of *Disporum cantoniense*

..... ZHU Li, WANG Hua-lei, ZHAO Zhi, LIU Hong-chang, YANG Zhen-hua, ZENG Chui-jian, LAI Ya-li(58)

## • 文献综述 •

The research progress of AM fungi in vitro dual culture ..... RAN Hai-yan, JIANG Long(62)

## • Short Communications •

Screening of Antagonistic Fungi against Pathogenic Fungi of Kiwifruit and Determination of its Antimicrobial Activity ...

..... HE Ying-hong, QIAN Yi-xin, KANG Ji-chuan, LEI Bang-xing(68)

Regulation of Flowering Time of Chinese Cabbage by Paclobutrazol and Gibberellin

..... HU Cun-biao, CHEN Yun-fei, LIU Sheng-hui, PENG Jian-tao(73)

Analysis of Nutritive Ingredients in *Cardamine enschiensis* ..... CAO Bin<sup>1</sup>, DENG Guo-dong(76)

Optimization of the Technology of Kaili White Sour Soup by Orthogonal Test

..... ZHENG Sha-sha, SONG Yu-ting, LUO Yi, XU Li(80)

Classification and Evaluation over Soil Nutrient Content in Longyang Tobacco-growing Areas

..... CHENG Chang-xin, ZHANG Fa-ming, DUAN Ying-jian, ZHANG Yu-feng, WANG Chao, LI Wei, ZHU Hai-bin, HE Xiao-jian, ZHANG Jing, YAN Hui, LIU Hao(86)

Effects of Dihydromyricetin on Growth Performance, Serum Indexes and Digestive Enzyme Indexes of Common Carp

..... QIN tian, YU Jian-ping, LU Feng-xiao, LI Fang-xiang(91)