

- ◎ 中国科技核心期刊
- ◎ 全国优秀科技期刊
- ◎ 中国农业核心期刊
- ◎ 科学引文数据库（SCD）源期刊

ISSN 1008-0457

CN 52-5013/S

山地农业生物学报

JOURNAL OF MOUNTAIN AGRICULTURE AND BIOLOGY



2018 · 1

Vol.37 No.1

中国·贵阳

目 次

· 专家特稿 ·

- 毕节地区核桃产业优势、存在问题及发展对策 潘学军,曹景富,张文娥(1)

· 研究报告 ·

- 花青素合成转录因子 *Vlmyb2* 遗传转化烟草的研究 孙婧文,吕立堂,赵德刚(7)

- 烟草 *CYP71* 基因的克隆与原核优化表达 佟硕秋,高洁,钟杰,贡献,吴拥军(12)

- 不同土地利用方式土壤碳氮含量及储量分析 焦克强,段建军,王小利,易香,陈祖拥,卜通达(17)

- 马铃薯早疫病拮抗菌及其抑菌作用研究 韩龙,康冀川,雷帮星,文庭池,钱一鑫(27)

- 2001~2014年云贵高原植被 NDVI 时空变化特征 刘志军,曾业隆,严兰,谭伟(32)

- 嗜水气单胞菌对黄鳝血清中四种抗病相关酶活性的影响 张钊,涂娇,秦涵,张伟,黄云南,张小雪(39)

- 匙吻鲟卵黄囊仔鱼生长及抗氧化能力研究 秦国兵,安元银,莫显义,姚俊杰,杨通枝(44)

· 山区开发 ·

- 基于 AHP 与 CVM 法的喀斯特传统聚落旅游资源评估研究

- 以贵阳市青岩古镇为例 李凯,沈雯,黄宗胜,成敏(50)

- 山区高速公路景观林的营造模式研究

- 以黔西县境内高速公路为例 胡强,侯营月,白新祥(56)

· 文献综述 ·

- 纳米乳液在食品中的稳定性及其应用研究现状 郑佳,何腊平,陈翠翠,刘涵玉(61)

- 水稻花色苷及其合成基因差异表达的研究进展 袁昭弟,余显权(69)

· 研究简报 ·

- 贵州省檀香科一新记录属——沙针属 胡国雄,安明态(75)

- 半夏两种愈伤组织结构及细胞壁成分比较 胡珊珊,张明生,吕享,李小兰,李欢(78)

- 枇杷基肥适宜施用时间初探 吴格娥,龙章烈(82)

- 配合饲料和血液对菲牛蛭水蛭素活性及抗氧化指标的影响 熊伟,王雪,秦国兵,姚俊杰,唐鑫(85)

- ChIFN* 酿酒酵母工程菌冻干保护剂的优化 张冬生,刘宗,宋莉,赵德刚(90)

CONTENTS

• Featured Articles •

- Production Advantages, Existing Problems and Development Measures of Walnut Industry in Bijie, Guizhou Province** PAN Xue-jun, CAO Jing-fu, ZHANG Wen-e(1)

• Research Papers •

- Study on Genetic Transformation of Tobacco with Anthocyanin Synthetic Transcription Factor *Vlmyb2*** SUN Jing-wen, LV Li-tang, ZHAO De-gang(7)
- Cloning and Optimized Prokaryotic Expression of Tobacco *CYP71* Gene** TONG Shuo-qiu, GAO Jie, ZHONG Jie, GONG Xian, WU Yong-jun(12)
- Analysis of soil carbon and nitrogen content and storage under different land use patterns** JIAO Ke-qiang, DUAN Jian-jun, WANG Xiao-li, YI Xiang, CHEN Zu-yong, BU Tong-da(17)
- A Study on Antagonistic Strains for Potato Early Blight and Their Antimicrobial Activity** HAN Long, KANG Ji-chuan, LEI Bang-xing, WEN Ting-chi, QIAN Yi-xin(27)
- Spatial-temporal Variation Characteristics of the Vegetation NVDI in Yunnan-Guizhou Plateau from 2001 to 2014** LIU Zhi-jun, ZENG Ye-long, YAN Lan, TAN Wei(32)
- Effect of *Aeromonas hydrophila* on the activity of four immune-related enzymes in the sera of *Monopterus albus*** ZHANG Zhao, TU Jiao, QIN Han, ZHANG Wei, HUANG Yun-nan, ZHANG Xiao-xue(39)
- The study on the growth and antioxidant capacity of *Polyodon spathula* yolk-sac larvae** QIN Guo-bing, AN Yuan-yin, MO Xian-yi, YAO Jun-jie, YANG Tong-zhi(44)

• Mountain Area Development •

- Evaluation of tourism resources in Karst traditional settlements based on AHP and CVM**
—A case study of Qingyan ancient town LI Kai, HUANG Zhong-sheng, SHEN Wen, CHENG Min(50)
- Study on the model of landscape forest construction in mountainous highway: A case study of highway in Qianxi County** HU Qiang, HOU Ying-yue, BAI Xin-xiang(56)

• Literature Review •

- The Stability and Application of Nanoemulsion in Food** ZHENG Jia, HE La-ping, CHEN Cui-cui, LIU Han-yu(61)
- Research Progress on Different Expressions of Anthocyanin and its Synthetic Genes in Rice** YUAN Zhao-di, YU Xian-quan(69)

• Short Communications •

- Osyris*, a newly recorded genus of Santalaceae from Guizhou, China** HU Guo-xiong, AN Ming-tai(75)
- Comparison of Structure and Cell Wall Components in Two Kinds of Callus of *Pinellia ternata*** HU Shan-shan, ZHANG Ming-sheng, LV Xiang, LI Xiao-lan, LI Huan(78)
- Study on The Appropriate Application Time of Base-fertilizer for Loquat** WU Ge-e, LONG Zhang-lie(82)
- Effect of compound feed and blood feed on the hirudin and antioxidant of *Poecilobdella manillensis*** XIONG Wei, WANG Xue, QING Guo-bing, YAO Jun-jie, TANG Xin(85)
- Optimization of Freeze-drying Protective Agent for *Saccharomyces cerevisiae* with ChIFN Gene** ZHANG Dong-sheng, LIU Zong, SONG Li, ZHAO De-gang(90)