

◎ 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

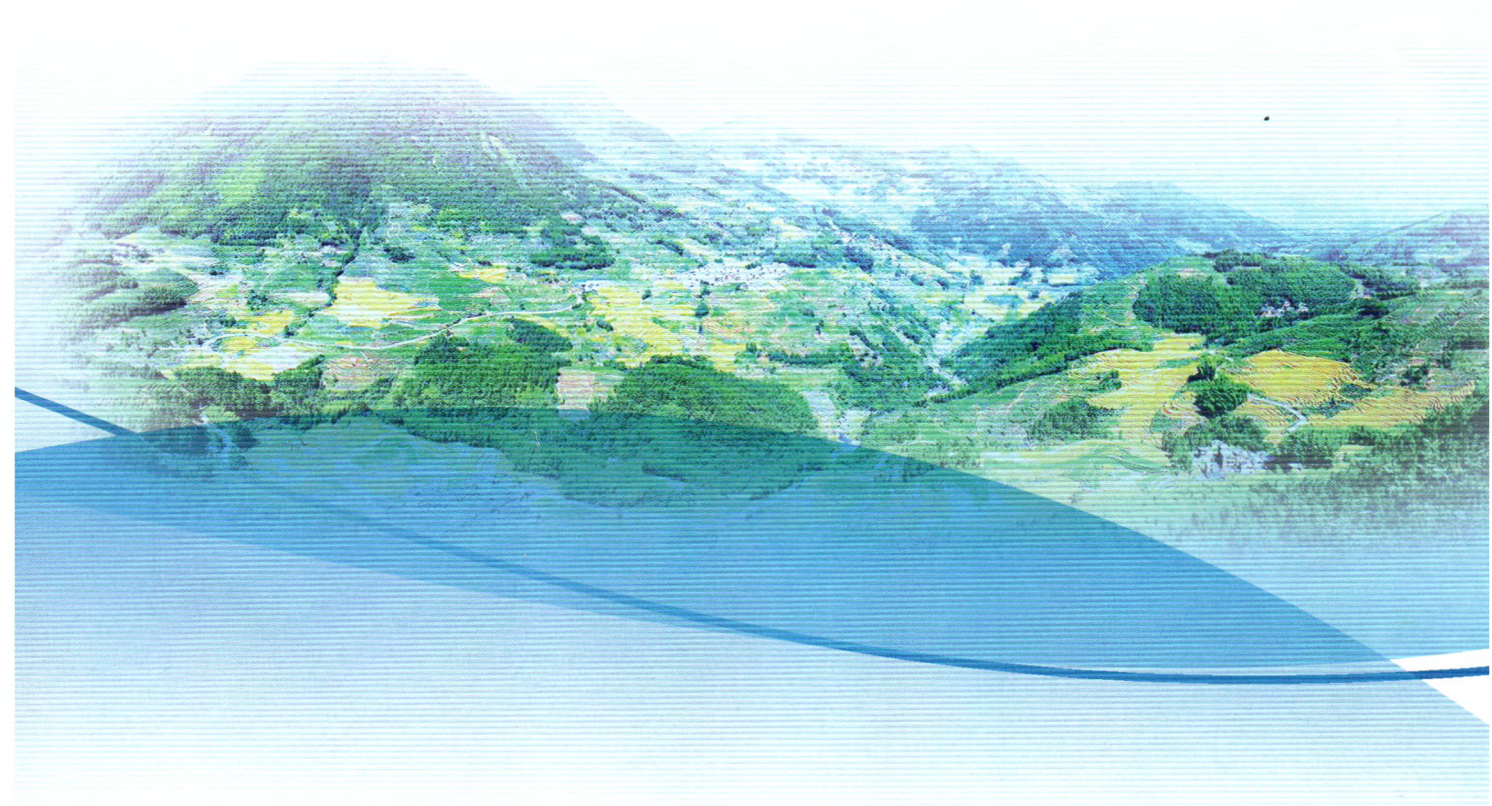
CN 52-5013/S



QK1708266

# 山地农业生物学报

JOURNAL OF MOUNTAIN AGRICULTURE AND BIOLOGY



2017 · 2

Vol.36 No.2

中国 · 贵阳

目次

· 专家特稿 ·

关于现代粮食作物农业生产方式发展战略的研究 ..... 陈庆富(1)

· 研究报告 ·

贵州白山羊 L-FABP 基因遗传变异对生长性状的影响 ..... 田应志,崔真华,牟慧蓉,钱成,黄兰,封竣洪,罗卫星(6)

异丙甲草胺对烤烟根际土壤微生物和酶活性的影响 ..... 谢颖,陈媿,龙友华,李荣玉,尹显慧,李明,吴小毛(13)

烟草 CSN4 基因的原核表达及纯化 ..... 龚露,钟杰,高洁,佟硕秋,吴拥军(19)

金佛山方竹根围从枝菌根真菌的初步研究 ..... 叶文兰,骆礼华,江龙(25)

竹子害虫缅甸安小叶蝉在中国的分布及危害调查 ..... 董梦书,杨琳,陈祥盛(31)

应用隶属函数法筛选贵州玉米苗期抗寒种质 ..... 雷雨婷,吕立堂,赵德刚(35)

转 CmTre II 基因水稻 RNAi 效应的室内和田间抗性及其遗传性鉴定 ..... 王爽,杜娟,李尚伟(40)

· 山区开发 ·

光箨篾竹笋的营养成分分析 ..... 陈云飞,苟光前,王瑶,孙巧玲,王灯(46)

不同种植年限苜蓿地亚硝化菌、反硝化菌和固氮菌的垂直分布 ..... 陈燕霞,唐晓东,杨恒山(49)

贵州修文土壤-猕猴桃系统重金属富集特征 ..... 刘晗,何腾兵,党华美(53)

· 文献综述 ·

气候变化对湿地生态环境及生物多样性的影响 ..... 高志勇,谢恒星,李吉锋,刘史力(57)

土壤含水量测定方法研究进展 ..... 王大龙,舒英格(61)

· 研究简报 ·

柑橘大实蝇诱集食饵配方筛选 ..... 胡吉峰,陈文龙,张升,罗孝波(66)

息烽县住宅黄胸鼠种群数量监测 ..... 潘世昌,李梅(70)

HPLC-RID 测定咽炎清片中左旋龙脑含量 ..... 赵俊杰,钱一鑫,康冀川,何珺(74)

移栽期对贵烟 5 号叶片主要生长特征的影响 ..... 杨汉夫,刁朝强,周建云,魏光钰,艾复清(78)

威宁绵羊 IGF-1 基因外显子多态性分析 ..... 刘标,易鸣,张依裕,王振,程朝友,杨德文,程均华,付正仙,王进(82)

修文县猕猴桃园蚧壳虫种类调查及药剂防治 ..... 张易成,尹显慧,龙友华,蔡滔,田雪莲,吴小毛,李洪(86)

柱前衍生化 HPLC 法测定铁皮石斛破壁饮片中甘露糖的含量 ..... 晏薇娜,乔杨,张敏,田民义,王慧娟(90)

主编:金道超 执行主编:余显权 副主编:江龙 责任编辑:江龙 段丽丽 英文编辑:秦廷奎 彭剑涛

期刊基本参数:CN 52-5013/S \* 1982 \* B \* A4 \* 96 \* zh \* P \* ¥10.00 \* 1 000 \* 20 \* 2017-04

## CONTENTS

### · Featured Articles ·

A Study of Development Strategy about the Agricultural Production Model of Modern Food Crop ..... CHEN Qing-fu(1)

### · Research Papers ·

Influence of Genetic Variation of L – FABP Gene on the Growth Traits of Guizhou White Goat .....  
..... TIAN Ying-zhi, CUI Zhen-hua, MOU Hui-rong, QIAN Cheng, HUANG Lan, FENG Jun-qi, LUO Wei-xing(6)

Effect of Metolachlor on the Soil Microorganism and Enzyme Activity of Flue – cured Tobacco Roots .....  
..... XIE Ying, CHEN Ti, LONG You-hua, LIRong-yu, YIN Xian-hui, LI Ming, WU Xiao-mao(13)

The Prokaryotic Expression and Purification of Tobacco CSN4 Gene .....  
..... GONG Lu, ZHONG Jie, GAO Jie, TONG Shuo-qiu, WU Yong-jun(19)

Preliminary Study of Arbuscular Mycorrhizal Fungi in the Rhizosphere of *Chimonobambusa utilis* .....  
..... YE Wen – lan, LUO Li – hua, JIANG Long(25)

Investigation on the Distribution and Damage of the Bamboo Leafhopper Pest, *Anaka burmensis* Dworakowska  
(Hemiptera: Cicadellidae) in China ..... DONG Meng-shu, YANG Lin, CHEN Xiang-sheng(31)

Selection of Cold – Hardiness Germplasm in Maize Seedlings by Subordinate Function (SF) .....  
..... LEI Yu-ting, LV Li-tang, ZHAO De-gang(35)

Indoor and Field Resistance and Genetic Identification of RNAi in the Transgenic *CmTre II* Gene Rice .....  
..... WANG Shuang, DU Juan, LI Shang – wei(40)

### · Mountain Area Development ·

Analysis of Nutritional Components in Bamboo Shoot of *Phyllostachys nidularia* .....  
..... CHEN Yun-fei, GOU Guang-qian, WANG Yao, SUN Qiao-ling, WANG Deng(46)

Vertical Distribution of Nitrifying Bacteria, Denitrifying Bacteria, Nitrogen – Fixing Bacteria of Alfalfa in Different  
Planting Years ..... CHEN Yan-xia, TANG Xiao-dong, YANG Heng-shan(49)

Characteristics of Accumulation of Heavy Metals Insoil – Kiwi System in Guizhou .....  
..... LIU Han, HE Teng-bing, DANG Hua-mei(53)

### · Literature Review ·

Impact of Climate Change on Wetland Ecological Environment and Biodiversity .....  
..... GAO Zhi-yong, XIE Heng-xing, LI Ji-feng(57)

Research Progress in Determination Methods for Soil Water Content ..... WANG Da-long, SHU Ying-ge(61)

### · Short Communications ·

The Food Lures's Formula Selection of Trapping *Bactrocera Minax* .....  
..... HU Ji-feng, CHEN Wen-long, ZHANG Sheng, LUO Xiao-bo(66)

The Survey of *Rattus Flavipectus* Population Variation in Xifeng Residence ..... PAN Shi-chang, LI Mei(70)

Determination of L – borneol Content in Yanyanqing Tablet by HPLC – RID .....  
..... ZHAO Jun-jie, QIAN Yi-xin, KANG Ji-chuan, HE Jun(74)

Effects of Transplanting Time on the Main leaf Growth Characteristics of Flue – cured Tobacco Guiyan 5 .....  
..... YANG Han-fu, DIAO Chao-qiang, ZHOU Jian-yun, WEI Guang-yu, AI Fu-qing(78)

Detection of Polymorphism of IGF – 1 Gene in Weining Sheep .....  
..... LIU Biao, YI Ming, ZHANG Yi-yu, WANG Zhen, CHENG Chao-you, YANG De-wen, CHENG Jun-hua, FU Zheng-xian, WANG Jin(82)

Scale Insect Survey and their Insecticide Control in *Actinidia* orchards in Xiuwen .....  
..... ZHANG Yi-cheng, YIN Xian-hui, LONG You-hua, CAI Tao, TIAN Xue-lian, WU Xiao-mao, LI Hong(86)

Determination of Mannose Content in Decoction Pieces of Wall – broken *Dendrobium* by Pre – column Derivatization  
HPLC Method ..... YAN Wei-na, QIAO Yang, ZHANG Min, TIAN Min-yi, WANG Hui-juan(90)



- 科技核心期刊数据库收录期刊
- 中国学术期刊综合评价数据库统计源期刊
- 中国期刊网收录期刊
- 中文科技期刊数据库全文上网期刊
- “中国知网”优先数字出版期刊
- 中国农业文摘收录期刊
- 中国林业文摘收录期刊
- 中国生物学文摘收录期刊
- 麦类文摘收录期刊
- 水稻文摘收录期刊
- 博看网 [www.bookan.com.cn](http://www.bookan.com.cn) 全文上网期刊
- 万方数据收录期刊

# 山地农业生物学报

Shandi Nongye Shengwu Xuebao

(双月刊, 1982年创刊)

第36卷 第2期 2017-04-28

# JOURNAL OF MOUNTAIN AGRICULTURE AND BIOLOGY

(Bimonthly, started in 1982)

Vol.36 No.2 Apr. 28, 2017

主管单位 贵州大学  
 主办单位 贵州大学  
 主 编 金道超  
 编辑出版 贵州大学学报编辑部  
 地 址 贵阳花溪 贵州大学 邮编 550025  
 电 话 0851-88292961  
 E-mail sd.xb@163.com jmab@gzu.edu.cn  
 贵州大学学报编辑部网址 <http://je.gzu.edu.cn>  
 印刷单位 贵阳经纬印刷厂  
 国内发行 贵阳市邮政局  
 国内发行代号 66-66  
 国外发行 中国国际图书贸易总公司  
 (北京399信箱)  
 国外发行代号 4811BM

Responsible Dpartment Guizhou University  
 Sponsored by Guizhou University  
 Chief Editor JIN Dao-chao  
 Edited and Published by Editorial Department of  
 Journal of Guizhou University  
 Address Huaxi, Guiyang, Guizhou University, 550025  
 Telephone 0851-88292961  
 E-mail sd.xb@163.com jmab@gzu.edu.cn  
 Internal Distributed Guiyang Post Office  
 Internal Distributed No.66-66  
 Overseas Distributed by China International Book  
 Trading Corporation  
 (P. O. Box 399, Bijing, China)  
 Overseas Distributed No.4811BM

ISSN 1008-0457 CN 52-5013/S 国内定价:10.00元/册

ISSN 1008-0457



9 771008 045171