



ISSN 1000-5684
CN22-1100/S

吉林农业大学

JOURNAL OF JILIN AGRICULTURAL UNIVERSITY

学报

2019-06

3

Vol.41 No.3
第41卷 第3期



目 次

MYB 转录因子在植物非生物胁迫中的研究进展	关淑艳,焦鹏,蒋振忠,齐拙,夏海丰,曲静,马义勇(253)
防治水稻立枯病的复合生物菌可湿性粉剂的研制	张正一,张萌,张浩,张鑫生(261)
不同品种大豆蛋白酶抑制剂活性及其对大豆食心虫幼虫的影响	徐伟,张益恺,董亚南,樊瑞冬,史树森(267)
酸碱胁迫对舞毒蛾幼虫营养与总抗氧化力的影响	石疆红,曾健勇,石中斌,国嘉兴,张国财,张杰(274)
人参皂苷 Rb ₁ 对小菜蛾趋避率及酶活性的影响	李雪,奚广生,朴仁哲,张连学,杨鹤(280)
中国东锤角叶蜂生物学特性的研究	孙艳梅,陈殿元(288)
中国网柄细胞状黏菌分子系统学研究	安颖,李玉(294)
影响聚磷菌和聚糖菌竞争的若干因素分析	王建辉,赵鑫,林爽,张咪娜,孙凤,辛思雨(303)
黑木耳内切葡聚糖酶基因克隆与原核表达	孙健,孙婷婷,王旭彤,邹莉(308)
西洋参 bHLH 转录因子家族生物信息学分析	闫艳,王希,周珂辉,李纪冬,韩鹏,邸鹏(316)
同步营养肥在春玉米上的施用效果与环境效应	王寅,尹释玉,高强,冯国忠,樊小林(324)
施玉米秸秆生物质炭对土壤腐殖质组成和结构特征的影响	白小艳,窦森(330)
有机物料改性处理对酸化黑土中铜的钝化效果	王明玉,李业东,袁超,马秀兰,王玉军(336)
脑源性神经营养因子抑制牛卵泡颗粒细胞凋亡	王阳辉,陈树雄,杨筱琼,李纯锦,陈璐,周虚(342)
大白猪及巴马香猪 GHRH 基因的 SNPs 筛选及其与体尺的相关性分析	李常红,孙安琪,刘号义,程云云(348)
东北林蛙与黑龙江林蛙输卵管蛋白质翻译后修饰差异的分析	金媛媛,张怡,林喆,李宜平,邱智东,刘达(354)
微小隐孢子虫 I 型跨膜蛋白 Cgd7_4560 的亚细胞定位及其对 HCT-8 细胞的黏附特性	邵清廷,王科杰,王东强,张天宇,焦新,尹继刚(359)
查干湖大型底栖动物的分布特征及影响因素	翟德斌,孙世军,冯江,龙振宇,欧洋,崔朋(365)
基于随机森林的相邻区域地理标志大米产地确证方法	王靖会,吴玥,臧妍宇,陈云志,王艳辉,闵伟红(373)
国审水稻新品种——吉农大 531	(封二,封三)
	(本期执行编辑:王希)

CONTENTS

Research Progress of MYB Transcription Factors in Plant Abiotic Stress	GUAN Shuyan, JIAO Peng, JIANG Zhenzhong, QI Zhuo, XIA Haifeng, QU Jing, MA Yiyong (253)
Development of a Composite Biological Wettable Bacterial Powder for Controlling Rice Blight	ZHANG Zhengyi, ZHANG Meng, ZHANG Hao, ZHANG Xinsheng (261)
Analysis of Proteinase Inhibitor Activity of Different Soybean Varieties and Their Effects on <i>Leguminivora glycinivorella</i> Larvae	XU Wei, ZHANG Yikai, DONG Ya'nan, FAN Ruidong, SHI Shusen (267)
Effects of Acid-base Stresses on Nutrition and Total Antioxidant Capacity of Gypsy Moth Larvae	SHI Jianghong, ZENG Jianyong, SHI Zhongbin, GUO Jiaxing, ZHANG Guocai, ZHANG Jie (274)
Effects of Ginsenoside Rb ₁ on Avoidance Rate and Enzyme Activity of <i>Plutella xylostella</i>	LI Xue, XI Guangsheng, PIAO Renzhe, ZHANG Lianxue, YANG He (280)
A Research on the Biological Characteristics of <i>Orientabia sinica</i> Wei et Yan	SUN Yanmei, CHEN Dianyuan (288)
Molecular Phylogeny of Dictyostelid Cellular Slime Molds from China	AN Ying, LI Yu (294)
Analysis of Several Factors Influencing the Competition of PAOs and GAOs	WANG Jianhui, ZHAO Xin, LIN Shuang, ZHANG Mi'na, SUN Feng, XIN Siyu (303)
Cloning and Prokaryotic Expression of Endoglucanase Gene in <i>Auricularia auricular-judae</i>	SUN Jian, SUN Tingting, WANG Xutong, ZOU Li (308)
Bioinformatics Analysis of bHLH Transcription Factor Family in <i>Panax quinquefolius</i>	YAN Yan, WANG Xi, ZHOU Kehui, LI Jidong, HAN Peng, DI Peng (316)
Effects of Synchronous Nutrient Fertilizer on Spring Maize Production and Environment	WANG Yin, YIN Shiyu, GAO Qiang, FENG Guozhong, FAN Xiaolin (324)
Effects of Applying Corn Straw Biochar on Composition and Structural Characteristics of Soil Humus	BAI Xiaoyan, DOU Sen (330)
Passivation Effect of Organic Material Modification Treatment on Cu in Acidified Black Soil	WANG Mingyu, LI Yedong, YUAN Chao, MA Xiulan, WANG Yujun (336)
Brain-derived Neurotrophic Factor Inhibits Apoptosis of Bovine Granulosa Cells	WANG Yanghui, CHEN Shuxiong, YANG Xiaoqiong, LI Chunjin, CHEN Lu, ZHOU Xu (342)
Screening of SNPs in GHRH Gene between Large White Pigs and Bama Xiang Pigs and Its Correlation with Body Size Traits	LI Changhong, SUN Anqi, LIU Haoyi, CHENG Yunyun (348)
Analysis of Post-translational Modification of Fallopian Tube Proteins between <i>Rana dybowskii</i> and the <i>Rana amurensis</i>	JIN Yuanyuan, ZHANG Yi, LIN Zhe, LI Yiping, QIU Zhidong, LIU Da (354)
Subcellular Localization and HCT-8 Cell Adhesion of Type I Transmembrane Protein Cgd7_4560 of <i>Cryptosporidium parvum</i>	SHAO Qingyan, WANG Kejie, WANG Dongqiang, ZHANG Tianyu, JIAO Xin, YIN Jigang (359)
Distribution Characteristics of Macrobenthos in Chagan Lake and Their Influencing Factors	ZHAI Debin, SUN Shijun, FENG Jiang, LONG Zhenyu, OU Yang, CUI Peng (365)
Origin Confirmation of Geographical Indication Rice in Adjacent Regions Based on Random Forest	WANG Jinghui, WU Yue, ZANG Yanyu, CHEN Yunzhi, WANG Yanhui, MIN Weihong (373)
(Executive Editor: WANG Xi)	