



ISSN 1000-5684
CN 22-1100/S

吉林农业大学学报

JOURNAL OF JILIN AGRICULTURAL UNIVERSITY

第44卷 第5期

Vol.44 No.5

5

2022-10

吉林农业大学学报

第44卷 第5期 2022年10月

目次

特约稿

- 植物响应干旱胁迫转录因子研究进展 崔喜艳, 张莹莹, 周莹(505)
群体感应调控肺炎克雷伯菌生物被膜研究进展 王一鸣, 谭紫凝, 朱道味, 陈淋淋, 马红霞(512)

研究论文

- 玉米 *Trihelix* 转录因子家族的筛选与生物信息学分析
..... 焦鹏, 邹俊岩, 蒋振忠, 曲静, 马义勇, 关淑艳(520)
- 玉米 Reid 群核心种质单株产量及产量构成因素遗传改良效果
..... 刘爽, 王震, 慈佳宾, 杨巍, 姜良宇, 杨伟光(528)
- 温度对宽碧蝽 *Palomena viridissima* (Poda) 生长发育的影响 毕锐, 崔娟, 韦丽霞, 史树森(536)
- 灭菌过程中 AGEs 和 ALEs 的形成及抑制 王婧, 朴春红, 王玉梅, 刘俊梅, 胡洋, 唐玉芳(541)
- 预处理及木质素酶对玉米秸秆酶解糖化效果影响 赵文莹, 焦宏官, 郑亚强(548)
- 春季黄芩质量形成与生态因子和关键酶基因表达的关系
..... 张甜, 程林, 杨林林, 韩梅, 李佳思, 杨利民(557)
- 五味子“早红”与“嫣红”叶绿素荧光参数的比较 荣涵, 王振兴, 孙丹, 王月, 艾军(567)
- 枯梢病感病和未感病樟子松根际土壤养分及真菌群落结构季节变化
..... 赛牙热木·哈力甫, 邓勋, 宋小双, 宋瑞清(572)
- 灵芝连作对土壤理化性质及线虫群落的影响 卢孟召, 刘梅, 陈光, 王雪峰(586)
- 基于 COI 条形码序列的梅花鹿鹿皮及其伪品的 DNA 分子鉴定
..... 都帅, 王琦, 常天赢, 嵩之松, 张辉, 李庆杰, 王全凯(595)
- 巴长大三元杂交猪不同部位肌纤维特性 高一, 刘洪亮, 于永生, 李兆华, 金鑫, 张国梁, 李娜(601)
- 鹅和鸡胚胎期皮肤毛囊中 *FGFR3* 基因的表达规律
..... 宋玉朴, 张磊, 常晓飞, 郭婵影, 宗艳峰, 隋玉健, 孙永峰(607)
- 鸡源地衣芽孢杆菌的分离鉴定及全基因组分析 李铭晗, 赵权(613)
- 大豆蛋白源替代鱼粉对黄金鲫生长、蛋白质酶活力及免疫指标的影响
..... 杨智勇, 杨兰, 李登来, 李良, 朱瑞, 于哲, 吴莉芳(624)
- 农业农村部畜禽资源(羊)评价利用重点实验室(长春) (封二, 封三)

(本期执行编辑:王希)

JOURNAL OF JILIN AGRICULTURAL UNIVERSITY

Vol.44 No.5

October 2022

CONTENTS

Invited Paper

- Research Progress of Plant Transcription Factors in Response to Drought Stress
.....CUI Xiyan, ZHANG Yingying, ZHOU Ying(505)
- Research Progress of Quorum Sensing System in Regulating *Klebsiella pneumoniae* Biofilm Formation
.....WANG Yiming, TAN Zining, ZHU Daomi, CHEN Linlin, MA Hongxia(512)

Research Paper

- Screening and Bioinformatics Analysis of Maize Trihelix Transcription Factor Family
.....JIAO Peng, ZOU Junyan, JIANG Zhenzhong, QU Jing, MA Yiyong, GUAN Shuyan(520)
- Genetic Improvement Effect of Single Plant Yield and Yield Components of Core Germplasm of Maize Reid Group
.....LIU Shuang, WANG Zhen, CI Jiabin, YANG Wei, JIANG Liangyu, YANG Weiguang(528)
- Effects of Temperature on Growth and Development of *Palomena viridissim* (Poda)
.....BI Rui, CUI Juan, WEI Lixia, SHI Shusen(536)
- Formation and Inhibition of AGEs and ALEs in Sterilization
.....WANG Jing, PIAO Chunhong, WANG Yumei, LIU Junmei, HU Yang, TANG Yufang(541)
- Effects of Pretreatment and Ligninase on Enzymatic Hydrolysis and Saccharification of Corn Stalk
.....ZHAO Wenxuan, JIAO Hongguan, ZHENG Yaqiang(548)
- Relationship Between Quality Formation of *Scutellaria baicalensis* in Spring and Expression of Ecological Factors and Key Enzyme Genes
.....ZHANG Tian, CHENG Lin, YANG Linlin, HAN Mei, LI Jiasi, YANG Limin(557)
- Chlorophyll Fluorescence Parameters of *Schisandra chinensis* (Turcz.) Baill “Zaohong” and “Yanhong”
.....RONG Han, WANG Zhenxing, SUN Dan, WANG Yue, AI Jun(567)
- Seasonal Variation of Soil Nutrients and Fungal Community Structure in Rhizosphere of Susceptible and Non-susceptible *Pinus sylvestris* var. *mongolica* Plantations
.....SAIYAREMU Halifu, DENG Xun, SONG Xiaoshuang, SONG Ruiqing(572)
- Effects of *Ganoderma lingzhi* Continuous Cropping on Soil Physicochemical Properties and Nematode Community
.....LU Mengzhao, LIU Mei, CHEN Guang, WANG Xuefeng(586)
- DNA Molecular Identification of Sika Deer Skin and Its Adulterants Based on COI Barcode Sequence
.....DU Shuai, WANG Qi, CHANG Tianying, SONG Zhisong, ZHANG Hui, LI Qingjie, WANG Quankai(595)
- Traits of Muscle Fiber in Different Parts of Berkshire×Landrace×Yorkshire Porcine Hybrid Pigs
.....GAO Yi, LIU Hongliang, YU Yongsheng, LI Zhaohua, JIN Xin, ZHANG Guoliang, LI Na(601)
- Expression of *FGFR3* Gene in Embryonic Skin Follicles of Goose and Chicken
.....SONG Yupu, ZHANG Lei, CHANG Xiaofei, GUO Chanying, ZONG Yanfeng, SUI Yujian, SUN Yongfeng(607)
- Isolation, Identification and Genome-wide Analysis of *Bacillus licheniformis* from Chicken
.....LI Minghan, ZHAO Quan(613)
- Effects of Replacing Fish Meal with Different Soybean Protein Sources on Growth Performance, Protease Activities and Immune Indices of *Carassius auratus*
.....YANG Zhiyong, YANG Lan, LI Denglai, LI Liang, ZHU Rui, YU Zhe, WU Lifang(624)

(Executive Editor: WANG Xi)