

目 次

- 玉米幼根接种禾谷镰刀菌后的转录组分析 刘永杰 马传禹 叶建荣(1)
- 红麻线粒体基因 NAD3 和 COB 的 RNA 编辑与表达分析
..... 刁勇 廖小芳 郑杰 孔祥军 陈鹏 赵艳红 周瑞阳(10)
- 苗期甜高粱和玉米对土壤 Pb 胁迫的响应及抗性评价
..... 陈梦妮 杜天庆 张泽宇 薛建福 崔福柱 杨珍平 崔振魁 祁剑英(17)
- 在葡萄果实发育 I、III 期差异表达的 SWEET 基因家族成员的生物信息学分析
..... 王梓然 匡柳青 陈尚武 马会勤(24)
- 红肉桃和白肉桃果实挥发性成分的差异分析
..... 罗静 谢汉忠 方金豹 黄玉南 王超 乔成金 庞涛(34)
- 自然光照条件下苹果识别方法对比研究 麦春艳 郑立华 肖昌一 李民赞(43)
- 无花果果实发育过程中 ABA 和乙烯含量与果实成熟的关系 李春丽 沈元月(51)
- 母羊 3 种应激行为下叫声信号的对比分析
..... 刘艳秋 武佩 宣传忠 马彦华 张丽娜 王晶(57)
- 褪黑激素对内蒙古绒山羊初级毛囊体外培养影响的研究
..... 张铁佳 王岩 王琳 吴静 史振丹 赵艳红(64)
- 生理电场对早期胚胎发育的影响
..... 王晓燕 王渝 赵三军 蒋文弢 蒋锐达 施利民 赵敏(70)
- 鲢鱼片在微冻贮藏中品质、ATP 关联物及关联酶活性变化规律研究
..... 张龙腾 吕健 李清正 罗永康(77)
- 果园残枝粉碎覆盖对土壤理化性状及果实品质的影响
..... 李传友 熊波 张莉 安红艳 蒋彬 郝东生 滕飞(84)
- 造纸废水灌溉对芦苇生长和土壤质量的影响及综合评价
..... 惠淑荣 索婉星 李丽锋 杜哲鑫(93)

- 北京市农业废弃物沼气工程跟踪调研的对比分析…… 吴树彪 刘莉莉 陈理 董仁杰(102)
- 基于双区间两阶段随机规划的黑河中游主要农作物种植结构优化
..... 张帆 郭萍 李茉(109)
- 我国农业全要素生产率核算与地区差距分解——基于 Färe-Primont 指数的分析
..... 葛静芳 李谷成 尹朝静(117)
- 禽流感风险下肉鸡养殖户封闭饲养行为研究..... 黄泽颖 王济民 冉娟(127)
- 禽流感疫区蛋鸡养殖户经济损失评价及其补偿强度分析——以宁夏中卫沙坡区为例
..... 刘明月 陆迁 张淑霞(136)
- 生计资本视角的农户蔬菜销售渠道及其相互关系..... 康婷 穆月英(145)
- 农户环境意识对环境友好行为的影响——社区环境的调节效应研究
..... 黄炜虹 齐振宏 邬兰娅 胡剑(155)
- 基于核密度的余江县农村居民点布局优化研究
..... 黄聪 赵小敏 郭熙 谢文 张佳佳 叶英聪(165)
- 北京市乳制品安全监管政府绩效评估..... 陈红华 向南(175)
- 国内外设施农业技术研究开发热点与发展趋势——基于专利分析视角
..... 唐恒 刘帅 金玉成(185)

CONTENTS

Transcriptome analysis of maize root after inoculation of *Fusarium graminearum*

..... LIU Yong-jie, MA Chuan-yu, YE Jian-rong (1)

RNA editing and expression analysis of *NAD3* and *COB* in mitochondria of kenaf

..... DIAO Yong, LIAO Xiao-fang, ZHENG Jie, KONG Xiang-jun,

CHEN Peng, ZHAO Yan-hong, ZHOU Rui-yang (10)

Resistance evaluation and response of sweet sorghum and corn during seedling stage under Pb stress

..... CHEN Meng-ni, DU Tian-qing, ZHANG Ze-yu, XUE Jian-fu, CUI Fu-zhu,

YANG Zhen-ping, CUI Zhen-kui, QI Jian-ying (17)

Bioinformatics analysis of differentially expressed *SWEET* genes between grape berry development

stage I and III WANG Zi-ran, KUANG Liu-qing, CHEN Shang-wu, MA Hui-qin (24)

Comparative analysis of volatile compounds in red- and white-fleshed peach

..... LUO Jing, XIE Han-zhong, FANG Jin-bao, HUANG Yu-nan,

WANG Chao, QIAO Cheng-kui, PANG Tao (34)

Comparison of apple recognition methods under natural light

..... MAI Chun-yan, ZHENG Li-hua, XIAO Chang-yi, LI Min-zan (43)

Relationship between ABA and ethylene content and fruit ripening during fig fruit development

..... LI Chun-li, SHEN Yuan-yue (51)

Comparative analysis of ewe's vocal signals under three stress reactions

..... LIU Yan-qiu, WU Pei, XUAN Chuan-zhong, MA Yan-hua, ZHANG Li-na, WANG Jing (57)

Effect of melatonin on Inner Mongolia primary follicle growth and development

..... ZHANG Tie-jia, WANG Yan, WANG Lin, WU Jing, SHI Zhen-dan, ZHAO Yan-hong (64)

The effect of physiological electrical field on early embryo development

..... WANG Xiao-yan, WANG Yu, ZHAO San-jun, JIANG Wen-tao,

JIANG Rui-da, SHI Li-min, ZHAO Min (70)

Changes of quality, ATP-related compounds and enzyme activities in silver carp

(*Hypophthalmichthys molitrix*) fillets during partial freezing

..... ZHANG Long-teng, LV Jian, LI Qing-zheng, LUO Yong-kang (77)

Effect of mulching broken branch's on soil physical and chemical characteristics and

the quality of fruits LI Chuan-you, XIONG Bo, ZHANG Li, AN Hong-li,

JIANG Bin, HAO Dong-sheng, TENG Fei (84)

- Effect and comprehensive evaluation of papermaking wastewater irrigationon reed growing and
soil quality HUI Shu-rong ,SUO Wan-xing ,LI Li-feng ,DU Zhe-xin(93)
- Comparative analysis for tracing investigation of agricultural waste biogas projects in Beijing
..... WU Shu-biao ,LIU Li-li ,CHEN Li ,DONG Ren-jie(102)
- Planting structure optimization of main crops in the middle reaches of Heihe River basin on
dual interval two stage stochastic programming ZHANG Fan , GUO Ping ,LI Mo(109)
- Agricultural total factor productivity calculation and regional disparity decomposition in China:
Based on Färe-Primont productivity index GE Jing-fang ,LI Gu-cheng ,YIN Chao-jing(117)
- Broiler farmers' behavior of enclosed feeding under the risk of avian influenza
..... HUANG Ze-ying ,WANG Ji-min ,RAN Juan(127)
- Evaluation of farmers' economic losses and compensating degree of policy in avian-infected area
under the impact of avian influenza:A case study of Zhongwei City,Ningxia Province
..... LIU Ming-yue ,LU Qian ,ZHANG Shu-xia(136)
- Farmer's vegetable sales behavior from the perspective of livelihood capital
..... KANG Ting ,MU Yue-ying(145)
- Influence of environmental awareness on environmental-friendly behavior of farmers:
Exploring the moderating role of community environment
..... HUANG Wei-hong ,QI Zhen-hong ,WU Lan-ya ,HU Jian(155)
- Study on the rural residential layout optimization of Yujiang County based on kernel density
..... HUANG Cong ,ZHAO Xiao-min ,GUO Xi ,XIE Wen ,ZHANG Jia-jia ,YE Ying-cong(165)
- Government performance evaluation of dairy products safety regulation in Beijing
..... CHEN Hong-hua ,XIANG Nan(175)
- Research hot topics and development trend of facility agricultural technology:
Based on the perspective of patent analysis TANG Heng ,LIU Shuai ,JIN Yu-cheng(185)