

目 次

基于人工神经网络和二元逻辑回归的甜玉米种子生活力检测模型研究

..... 刘敏洁 许昭 王建华 孙群 向春阳(1)

水分亏缺对青藏高原小麦族作物籽粒中氮磷钾和氨基酸含量的影响

..... 白羿雄 姚晓华 姚有华 杨莉娜 吴昆仑(11)

斑割复合体 BC₁ 材料性状的遗传变异与相关分析

..... 黄玉新 张保青 周珊 杨翠芳 高轶静 段维兴 李杨瑞 张革民(19)

农杆菌介导花生转化体系的优化及转化 *AlDREB2A* 基因花生的耐旱性研究

..... 王旭达 于树涛 张高华 王鹤 丰明 都兴范 范琦 于国庆(26)

匈牙利 2 个优质杏品种自交亲和性分析

..... 马英征 王树芳 倪晓敏 王丹妮 胡佳艺 赵阳 张潞生(36)

CCS52A 基因与核内复制在新疆野生樱桃李巨细胞发育中的作用

..... 陈伟阳 乔峰 马凯 王继勋 胡建芳(43)

马转录因子 *TBX3* 基因的密码子使用偏好性分析

..... 苏少锋 赵一萍 白东义 任秀娟 赵若阳 陶克涛 宋海燕 芒来(53)

牛粪垫料再生系统温室气体排放及其对环境的影响

..... 曾雅琼 施正香 王盼柳(66)

新疆乌鲁木齐市宠物源沙门氏菌耐药性及耐药基因检测

..... 林亚军 郭菲 夏利宁 姚晓慧(75)

耕地数量、质量、生态三位一体保护内涵及路径探析

..... 祖健 郝晋珉 陈丽 张益宾 王娟 康丽婷 郭稷桁(84)

张承地区植被指数时空演变特征及其与气候因子的关系

..... 邵雅琪 姜群鸥 胡中民 吴戈男(96)

北京妙峰山优质玫瑰生长的农业地质背景

..... 任娜欧 王数 张凤荣 王瑞 毛率奎 李珍珍(107)

甘薯双垄旋耕起垄覆膜机的设计及试验研究

..... 王伯凯 胡良龙 王少康 王冰 于昭洋 王公仆(116)

葡萄硬枝嫁接苗木愈伤组织融合比例的视觉检测方法

..... 袁全春 徐丽明 邢洁洁 段壮壮 马帅 于畅畅(126)

基于离散元法植物根系对黏性土坡稳定性的影响

..... 田雷 杨永森 李敬军 邱流潮(133)

林业剩余物的定义和分类述评

..... 谢光辉 傅童成 马履一 李辉 包维卿 李莎(141)

基于 LMDI 的兰州市农业碳排放现状及影响因素分析

..... 何炫蕾 陈兴鹏 庞家幸(150)

城市降水多尺度长程演变特征分析

..... 高青峰 郭胜 阙志夏 张亮亮 刘东 朱伟峰(159)

吉林省经济增长与城市建设用地扩张脱钩关系研究

..... 刘宝涛 杨兴龙 郭佳(168)

身份融合对农民工就业的影响——基于倾向得分匹配的研究

..... 卢海阳 KANDILOV T. Ivan(176)

民族地区贫困户多维贫困测量与帮扶精准度研究

..... 陈光燕 司伟(192)

欠发达地区农户兼业对其土地转出行为的影响

——基于云南省 558 户农户的调查 任天驰 彭志远 褚力其(205)

基于农村电商的生鲜农产品合作配送成本分配问题研究

..... 李建 李张敏 陆栋 张兆同 汪浩祥(217)

中国南极磷虾渔业发展的微观解析与对策研究

——以辽渔集团有限公司为例 岳冬冬 王鲁民(227)

CONTENTS

- Seed viability testing model of sweet corn based on artificial neural network and binary logistic regression *LIU Minjie, XU Xuan, WANG Jianhua, SUN Qun, XIANG Chunyang* (1)
- Effects of water deficit on the contents of N, P and K and amino acids accumulation in wheat grains of Qinghai-Tibet Plateau *BAI Yixiong, YAO Xiaohua, YAO Youhua, YANG Lina, WU Kunlun* (11)
- Genetic variation and correlation analysis of characters in BC₁ progeny of intergeneric hybrid (*Erianthus arundinaceus* × *Saccharum spontaneum*) *HUANG Yuxin, ZHANG Baoqing, ZHOU Shan, YANG Cufang, GAO Yijing, DUAN Weixing, LI Yangrui, ZHANG Gemin* (19)
- Optimization of *Agrobacterium tumefaciens* mediated peanut transformation system and studies on the drought tolerance of transgenic *AI/DREB2A* peanut *WANG Xuda, YU Shutao, ZHANG Gaohua, WANG He, FENG Ming, DU Xingfan, FAN Qi, YU Guoqing* (26)
- Self-compatibility analysis of two high quality apricot strains introduced from Hungary *MA Yingzheng, WANG Shufang, NI Xiaomin, WANG Danni, HU Jiayi, ZHAO Yang, ZHANG Lusheng* (36)
- Roles of *CCS52A* gene and endoreduplication during the formation of giant cells in Xinjiang wild myrobalan *CHEN Weiyang, QIAO Feng, MA Kai, WANG Jixun, HU Jianfang* (43)
- Analysis of codon bias of *T-box3* gene (*TBX3*) in horse *SU Shaofeng, ZHAO Yiping, BAI Dongyi, REN Xiujuan, ZHAO Ruoyang, TAO Ketao, SONG Haiyan, MANG Lai* (53)
- Research on greenhouse gas emissions of bedding recovery unit system and its impact on environment *ZENG Yaqiong, SHI Zhengxiang, WANG Panliu* (66)
- Detection of drug resistance and resistant genes of *Salmonella* from pets in Urumqi, Xinjiang *LIN Yajun, GUO Fei, XIA Lining, YAO Xiaohui* (75)
- Analysis on trinity connotation and approach to protect quantity, quality and ecology of cultivated land *ZU Jian, HAO Jinmin, CHEN Li, ZHANG Yibin, WANG Juan, KANG Liting, GUO Jiheng* (84)
- Spatio-temporal evolution of the vegetation index and its relationship with climatic factors in the Zhangjiakou-Chengde Region *SHAO Yaqi, JIANG Qun'ou, HU Zhongmin, WU Genan* (96)

- Study on the agricultural geological background of high-quality rose growth in Miaofeng Mountain in Beijing REN Naou, WANG Shu, ZHANG Fengrong , WANG Rui , MAO Shuailei , LI Zhenzhen (107)
- Design and experiment of sweet potato transplanting operation machine with rotary tillage, ridging and covering film functions WANG Bokai , HU Lianglong , WANG Shaokang , WANG Bing , YU Zhaoyang , WANG Gongpu (116)
- Visual inspection method for the callus fusion ratio of grape hard branch grafting seedlings YUAN Quanchun , XU Liming , XING Jiejie , DUAN Zhuangzhuang , MA Shuai , YU Changchang (126)
- Influence of plant roots on cohesive soil slope stability based on discrete element method TIAN Lei , YANG Yongsen , LI Jingjun , QIU Liuchao (133)
- An overview of definition and classification of forestry residue XIE Guanghui , FU Tongcheng , MA Lvyi , LI Hui , BAO Weiqing , LI Sha (141)
- Analysis on the status and influencing factors of agricultural carbon emissions in Lanzhou based on LMDI HE Xuanlei , CHEN Xingpeng , PANG Jiaxing (150)
- Analysis on the long-term multi-scale evolution characteristics of urban precipitation GAO Qingfeng , GUO Sheng , QUE Zhixia , ZHANG Liangliang , LIU Dong , ZHU Weifeng (159)
- Study on the decoupling between urban construction land expansion and economic growth in Jilin Province LIU Baotao , YANG Xinglong , GUO Jia (168)
- The effect of identity integration on the employment of rural-urban migrants:
Based on a PSM approach LU Haiyang , KANDILOV T. Ivan (176)
- Research on the measurement of multidimensional poverty and accuracy of pro-poor measures in ethnic areas CHEN Guangyan , SI Wei (192)
- Impact of peasants' part-time working on land transfer in less-developed areas: Evidence from 558 peasants in Yunnan Province REN Tianchi , PENG Zhiyuan , CHU Lili (205)
- Research on the cost allocation problem of cooperative distribution for fresh agricultural products LI Jian , LI Zhangmin , LU Dong , ZHANG Zhaotong , WANG Haoxiang (217)
- Micro analysis and countermeasure research on the development of Antarctic Krill fisheries in China:
A case study of Liaoyu Group Co. ,Ltd YUE Dongdong , WANG Lumin (227)