

目 次

生物炭对碱性砂质土壤小麦出苗及幼苗生长的影响

..... 代红翠 陈源泉 王东 肖禾 张学鹏 李超 隋鹏(1)

磁小体的碱性磷酸酶活性分析 徐俊杰 王曼曼 刘凌子 李峰 田杰生(8)

甜樱桃(*Prunus avium L.*)*LEAFY*基因的克隆及表达模式分析

..... 段续伟 王晶 张晓明 闫国华 周宇 倪杨 张开春(14)

不同柿种质雄花表型、活性成分及体外抗氧化活性

..... 韩卫娟 孙鹏 刁松锋 索玉静 张悦 傅建敏(24)

根瘤农杆菌介导的香石竹遗传转化体系建立

..... 孔维龙 王翠 但乃震 李丹丹 包满珠 傅小鹏(34)

猪源嗜麦芽寡养单胞菌的分离鉴定与生物学分析

..... 张鹏飞 王印 杨泽晓 姚学萍 张博(45)

内蒙古绒山羊不同毛被类型遗传参数估计及遗传进展研究

..... 李学武 王瑞军 王志英 李宏伟 王振宇

..... 苏蕊 张燕军 刘志红 李金泉(53)

日粮添加壳聚糖对鹅生长性能、血脂及脂代谢相关基因表达的影响

..... 盛东峰 赵悦 胥蕾 杨海明 王杏龙 王志跃(60)

姜黄素对乳腺炎模型小鼠血清中抗炎因子的影响

..... 徐进 敖日格乐 贾知锋 王纯洁(69)

中国畜禽粪便资源研究现状述评 谢光辉 包维卿 刘继军 安捷(75)

葡萄园水碳通量对灌溉、降雨和霜冻的响应 郭晓旭 李思恩 赵鹏 王容(88)

典型农牧区草地景观特征及退耕潜力分析

——以内蒙古自治区武川县哈乐镇为例 高艺宁 赵萌莉 熊梅(94)

基于游客体验的城市绿道适宜性评价

..... 刘慧 鲍文娟 王嘉楠 吕志坤 王海珣 胡隽(104)

塔式玉米除湿热泵连续烘干系统的模拟及应用

..... 魏娟 杨鲁伟 张振涛 张冲 李伟钊 李博(114)

玉米秸秆接触物理参数测定与离散元仿真标定

..... 张涛 刘飞 赵满全 麻乾 王伟 樊琦 闫鹏(120)

基于高速摄像技术种子吸附姿态对排种性能的影响

..... 李凤丽 陈江辉 刘飞 刘月琴 张涛 赵满全(128)

基于模糊 PID 算法的草籽喷播机自动转向控制系统

..... 陈燕 陈智 侯占峰 弼龙凯 邵志威 孟庆鹏(137)

城镇化对农户粮食生产技术效率的影响

——以湖南、河南两省 477 个农户为例 赵丽平 侯德林 闵锐(148)

农户农业技术推广政策满意度研究

——基于全国 1 022 个农户调查数据 张标 傅泽田 王洁琼 张领先(157)

基于分层视角的农户环境友好型技术采纳意愿研究

——以秸秆还田为例 盖豪 颜廷武 张俊飚(170)

我国种子企业并购决策因素及其排序研究 杨思雨 侯军岐(183)

马铃薯收获环节损失率测算及比较分析 占鹏 郭焱 陈伟 朱俊峰(191)

农业机械对外贸易的产品口径和分类问题研究 潘彪 田志宏(200)

CONTENTS

- Effect of biochar amendment on wheat emergence and seedling growth in alkaline soil
..... DAI Hongcui, CHEN Yuanquan, WANG Dong, XIAO He,
ZHANG Xuepeng, LI Chao, PENG Sui (1)
- Analysis of alkaline phosphatase activity of magnetosome
..... XU Junjie, WANG Manman, LIU Lingzi, LI Feng, TIAN Jiesheng (8)
- Molecular cloning and expression profile of *LEAFY* gene in *Prunus avium* L.
..... DUAN Xuwei, WANG Jing, ZHANG Xiaoming, YAN Guohua,
ZHOU Yu, NI Yang, ZHANG Kaichun (14)
- Phenotypic characteristics, active components and antioxidant activities of the male flowers of
different *Diospyros* materials HAN Weijuan, SUN Peng, DIAO Songfeng,
SUO Yujing, ZHANG Yue, FU Jianmin (24)
- Agrobacterium-mediated genetic transformation system of carnation
..... KONG Weilong, WANG Cui, DAN Naizhen, LI Dandan, BAO Manzhu, FU Xiaopeng (34)
- Isolation, identification and biological characteristics analysis of *Stenotrophomonas maltophilia*
..... ZHANG Pengfei, WANG Yin, YANG Zexiao, YAO Xueping, ZHANG Bo (45)
- Estimation of genetic parameters and research on the genetic progress of different staple
length Inner Mongolian Cashmere goats LI Xuewu, WANG Ruijun, WANG Zhiying,
LI Hongwei, WANG Zhenyu, SU Rui, ZHANG Yanjun, LIU Zhihong, LI Jinquan (53)
- Effect of dietary chitosan on growth performance, serum lipid and the expression of
genes related to lipid metabolism in geese SHENG Dongfeng, ZHAO Yue, XU Lei,
YANG Haiming, WANG Xinglong, WANG Zhiyue (60)
- Effect of curcumin on anti-inflammatory factors in the serum of mice mastitis model
..... XU Jin, Aorigele, JIA Zhifeng, WANG Chunjie (69)
- An overview of researches on livestock and poultry excreta resource in China
..... XIE Guanghui, BAO Weiqing, LIU Jijun, AN Jie (75)
- Responses of water and carbon fluxes in vineyard to irrigation, rainfall and frost
..... GUO Xiaoxu, LI Sien, ZHAO Peng, WANG Rong (88)
- Characteristics of grassland landscape and the potential of returning farmland to grassland:
A case study of Hale Town, Wuchuan County, Inner Mongolia
..... GAO Yining, ZHAO Mengli, XIONG Mei (94)

- Suitability evaluation of urban greenway based on tourist experience
..... LIU Hui ,BAO Wenjuan ,WANG Jianan ,LV Zhikun ,WANG Haixun ,HU Jun(104)
- Simulation and application of continuous corn drying tower of dehumidified heat pump
..... WEI Juan ,YANG Luwei ,ZHANG zhentao ,ZHANG Chong ,LI Weizhao ,LI Bo(114)
- Determination of corn stalk contact parameters and calibration of Discrete Element Method simulation
..... ZHANG Tao ,LIU Fei ,ZHAO Manquan ,MA Qian ,WANG Wei ,FAN Qi ,YAN Peng(120)
- Influence of seed adsorption posture on seeding performance based on high speed camera technology
..... LI Fengli ,CHEN Jianghui ,LIU Fei ,LIU Yueqin ,ZHANG Tao ,ZHAO Manquan(128)
- Research on the automatic steering control system of grass seed spraying seeding-machine
based on fuzzy PID algorithm CHEN Yan ,CHEN Zhi ,HOU Zhanfeng ,
MI Longkai ,SHAO Zhiwei ,MENG Qingpeng(137)
- Impact of urbanization on the technical efficiency of grain production:
Taking 477 farmers in the two provinces of Hunan and Henan as examples
..... ZHAO Liping ,HOU Delin ,MIN Rui(148)
- A study of farmers' satisfaction degree on agricultural technology promotion policy:
Based on the survey data of 1 022 farmers in China
..... ZHANG Biao ,FU Zetian ,WANG Jieqiong ,ZHANG Lingxian(157)
- A study on farmers' willingness to adopt environmental-friendly technology from
stratification angle: Taking straw returning as an example
..... GAI Hao ,YAN Tingwu ,ZHANG Junbiao(170)
- Study on the decision factors and ranks of M&A in seed enterprises
..... YANG Siyu ,HOU Junqi(183)
- Calculation and comparative analysis of the loss during potato harvesting
..... ZHAN Peng ,GUO Yan ,CHEN Wei ,ZHU Junfeng(191)
- Research on the scope and classification of agricultural machinery products in international trade
..... PAN Biao ,TIAN Zhihong(200)