

华南农业大学学报

第 41 卷 第 5 期 2020 年 9 月

目 次

饲料添加牛至油对天露黄鸡腹脂沉积的影响	魏付梁, 卢逸华, 潘木水, 程武磊, 高 萍, 王建兵, 江青艳, 朱晓彤 (1)
虾青素对脂多糖诱导的 RAW264.7 细胞炎症反应的影响及机制	宋 阳, 朱凌羽, 李若楠, 郑 鑫 (9)
英诺克李斯特菌侵染果蝇 S2 细胞后的转录组分析	吴坤钟, 李荣松, 曹 阳, 黄志君, 田 铃 (17)
PEDV N 蛋白单克隆抗体的制备及间接免疫荧光检测方法的建立	邝燕齐, 莫梅君, 何红玲, 周金柱, 周如月, 郭霄峰 (27)
四川鲟源海豚链球菌的毒力基因谱及分子分型	白明焕, 耿 毅, 赵若璇, 郭向辉, 黄小丽, 陈德芳, 欧阳萍, 汪 蕉 (36)
华南地区优质高产水稻品种 (组合) 的适应性研究	朱 锋, 陈荣朴, 周华倩, 周柏权, 甘道建, 刘桂富, 金玲玲 (43)
镉胁迫对 4 种基因型大豆生长和体内元素分布的影响	崔广娟, 曹华元, 陈 康, 王秀荣 (49)
皇竹草竞争抑制入侵植物假臭草的潜力	许秋园, 王 丹, 全国明, 章家恩, 李赛飞 (58)
污泥及强化措施对稀土矿区废弃地土壤的改良	彭维新, 杨源通, 冯嘉仪, 吴道铭, 曾曙才 (65)
尾叶桉响应水肥单、双因素胁迫的差异表达基因分析	黄 杰, 杨会肖, 廖焕琴, 张卫华, 徐 放, 潘 文, 杨晓慧 (73)
广西红椎树干径向生长研究	刘士玲, 杨保国, 姚建峰, 郑 路, 张 培, 庞圣江, 廖树寿, 邹位锡 (82)
基于 GNSS 航向微分和 MEMS 陀螺仪的农机轮角测量方法	何 杰, 高维炜, 王 辉, 岳斌斌, 张 帆, 张智刚 (91)
马铃薯跌落碰撞时的接触应力分布特性	陈志惠, 段宏兵, 蔡兴奎, 王军权, 徐 涛, 余参参, 姚飞虎, 严福勇 (99)
基于小波变换与 Otsu 阈值去噪的脐橙识别方法	余长庚, 刘 凯 (109)
拉萨地区酸奶质量安全的污染因素评价与分析	邱 城, 刘青海, 张飞龙, 李继荣, 张唐伟, 吴雪莲, 潘崇双, 黄利英 (115)
土壤热导率影响因素及模型评估研究	王卫华, 蔡礼良, 龚一丹 (124)
征订启事	(35)

CONTENTS

Effect of oregano oil addition in the diet on abdominal fat deposition in Tianlu yellow-feathered chicken
..... WEI Fuliang, LU Yihua, PAN Mushui, CHENG Wulei, GAO Ping, WANG Jianbing, JIANG Qingyan, ZHU Xiaotong (1)

Effect of astaxanthin on inflammatory response of RAW264.7 cells induced by lipopolysaccharide and its mechanism
..... SONG Yang, ZHU Lingyu, LI Ruonan, ZHENG Xin (9)

Transcriptome analysis of *Drosophila* S2 cells infected by *Listeria innocua*
..... WU Kunzhong, LI Rongsong, CAO Yang, HUANG Zhijun, TIAN Ling (17)

Preparation of monoclonal antibody against N protein of porcine epidemic diarrhea virus and establishment of indirect immuno-
fluorescence assay
..... KUANG Yanqi, MO Meijun, HE Hongling, ZHOU Jinzhu, ZHOU Ruyue, GUO Xiaofeng (27)

Virulence gene profiles and molecular typing of *Streptococcus iniae* isolated from sturgeon in Sichuan
BAI Minghuan, GENG Yi, ZHAO Ruoxuan, GUO Xianghui, HUANG Xiaoli, CHEN Defang, OUYANG Ping, WANG Jiao (36)

Adaptability of rice varieties or combinations with good quality and high yield in South China
..... ZHU Feng, CHEN Rongpu, ZHOU Huaqian, ZHOU Boquan, GAN Daojian, LIU Guifu, JIN Lingling (43)

Effects of cadmium stress on plant growth and element distribution of four soybean genotypes
..... CUI Guangjuan, CAO Huayuan, CHEN Kang, WANG Xiurong (49)

Potential of *Pennisetum hybridum* for controlling invasive plant *Praxelis clematidea*
..... XU Qiuyuan, WANG Dan, QUAN Guoming, ZHANG Jiaen, LI Saifei (58)

Improvement of sewage sludge and enhanced measure on soil of rare earth mine wasteland
..... PENG Weixin, YANG Yuantong, FENG Jiayi, WU Daoming, ZENG Shucai (65)

Analyses of differentially expressed genes of *Eucalyptus urophylla* in response to single and dual factor stresses of water and nutrient
..... HUANG Jie, YANG Huixiao, LIAO Huanqin, ZHANG Weihua, XU Fang, PAN Wen, YANG Xiaohui (73)

Study on stem radial growth of *Castanopsis hystrix* in Guangxi
..... LIU Shiling, YANG Baoguo, YAO Jianfeng, ZHENG Lu, ZHANG Pei, PANG Shengjiang, LIAO Shushou, ZOU Weixi (82)

Wheel steering angle measurement method of agricultural machinery based on GNSS heading differential and MEMS gyroscope
..... HE Jie, GAO Weiwei, WANG Hui, YUE Binbin, ZHANG Fan, ZHANG Zhigang (91)

Distribution characteristics of potato contact stress during the drop impact
..... CHEN Zhihui, DUAN Hongbing, CAI Xingkui, WANG Junquan, XU Tao, YU Cancan, YAO Feihu, YAN Fuyong (99)

Navel orange recognition based on wavelet transform and Otsu threshold denoising
..... YU Changgeng, LIU Kai (109)

Evaluations and analyses of pollution factors of yogurt quality and safety in Lhasa
..... QIU Cheng, LIU Qinghai, ZHANG Feilong, LI Jirong, ZHANG Tangwei,
WU Xuelian, PAN Chongshuang, HUANG Liying (115)

Research on influencing factors and model assessment of soil thermal conductivity
..... WANG Weihua, CAI Liliang, GONG Yidan (124)