



ISSN 1000-2286
CN 36-1028/S
CODEN JNXUEV

全 国 中 文 核 心 期 刊
中 国 科 技 核 心 期 刊
中国科学引文数据库 (CSCD) 核心库来源期刊

江西农业大学学报

ACTA AGRICULTURAE
UNIVERSITATIS JIANGXIENSIS

2019 5

— Vol.41 No.5 —



江 西 农 业 大 学 主 办
科 学 出 版 社 出 版
Science Press

中国 南昌
Nanchang China

目 次

· 作物科学 ·

- 江西省 2018 年晚粳区试品种的 DNA 指纹图谱以及遗传相似性分析 …贺国良,付高平,彭从胜,等(843)
- 转 Bt 基因抗虫杂交水稻亲本 8 个农艺性状配合力及遗传力分析 ……王鑫,欧阳林娟,王春雷,等(853)
- 长江流域早熟棉新品系主要产量、品质及农艺性状的分析 ……邓艳凤,肖水平,柯兴盛,等(861)

· 园艺科学 ·

- 镉诱导小白菜活性氧及抗氧化酶活性与自噬关系分析 ……肖旭峰,李猛,龙俊敏,等(873)
- 海水对冰菜生长、营养品质影响及叶片多胺物质耐盐响应 ……段瑞军,吴朝波,王军,等(881)
- 葡萄不同摘心处理下 qRT-PCR 内参基因的筛选与验证 ……赖呈纯,潘红,张静,等(890)
- 榲桲的生活习性与柚皮苷累积规律 ……沈宗芳,郭昕,田波,等(901)

· 植保科学 ·

- 内生细菌 GN232 发酵条件优化及其对脐橙溃疡病的防效测定 ……刘冰,宋水林,蒋军喜,等(908)
- 阿维菌素无人机喷施的沉积特征及防效研究 ……李飞,韩冲冲,李保同(914)
- 烯唑醇配合物抑菌稳定性研究 ……方利敏,聂旭亮,上官新晨,等(924)

· 林业科学 ·

- 竹学新高——国家自然科学基金竹子项目分析 ……郭起荣,赵琳莹,周杰,等(930)
- 不同密度樟树幼林生物量和碳密度研究 ……邱凤英,杨海宽,刘新亮,等(938)

水蒸气蒸馏过程中芳樟精油的释放规律研究郑红富,廖圣良,范国荣,等(946)

安徽省森林植被碳储量、碳密度动态及固碳潜力李爱琴,王会荣,王晶晶,等(953)

内生细菌接种对雷公藤光合生理特征的影响禹胜男,孙睿,宋萍,等(963)

· 动物水产科学 ·

姜曲海猪和苏姜猪 *IGF2*、*MUC13*、*PHKG1*、*RYR1* 和 *VRTN* 基因主效位点的遗传变异分析.....

.....徐盼,唐子雪,何鑫鑫,等(969)

不同盐度罗氏沼虾育苗水体水质及微生物群落结构研究倪蒙,高强,原居林,等(976)

· 生物技术与工程 ·

酸菜中乳酸菌的分离筛选及富硒性能研究舒梅,钟婵,吴国平,等(986)

发酵乳杆菌 JN-2 的分离鉴定及其发酵培养基优化章帅文,曾子涵,张勇,等(993)

FRBI 对 CA125、EGF、 E_2 和 IP3 分泌及 ER β mRNA 和蛋白表达的影响杨娟,赖露菊,王晨,等(1000)

热解温度对猪粪生物炭中 Cu 和 Zn 生物有效性的影响杨陶陶,王瑶,谭雪明,等(1007)

紫苏基活性炭对铅镉二元离子的吸附研究郑梅琴,彭军,林瑞余,等(1014)

· 土壤生态科学 ·

秸秆与灰分添加对农田土壤氮肥力的影响荆爽,辛士刚,张洪波,等(1021)

农村居民点空间分布特征及环境因素分析——以五常市北部地区为例 ...何翔宇,宋恒飞,吴克宁(1030)

期刊基本参数:CN 36-1028/S * 1979 * b * 16 * 198 * zh * P * ¥15.00 * 1 500 * 24 * 2019-10

Contents

DNA fingerprint map and analysis of genetic diversity of the japonica rice varieties in the regional test in Jiangxi Province in 2018	HE Guo-liang, FU Gao-ping, PENG Cong-sheng, et al(843)
Analysis of combining ability and heritability of 8 agronomic traits of transgenic Bt inbred hybrid rice parents	WANG Xin, OUYANG Lin-juan, WANG Chun-lei, et al(853)
Analysis of the main yield, quality and agronomic traits of the new early-maturing cotton lines in Yangtze River Basin	DENG Yan-feng, XIAO Shui-ping, KE Xing-sheng, et al(861)
Relationship of active oxygen, antioxidant enzyme activity and autophagy under Cd stress in <i>Pakchoi</i>	XIAO Xu-feng, LI Meng, LONG Jun-min, et al(873)
Effect of seawater on growth and nutrient quality of <i>Mesembryanthemum crystallinum</i> L. and salt tolerance response of polyamines in leaves	DUAN Rui-jun, WU Chao-bo, WANG Jun, et al(881)
Selection and validation of reference genes for quantitative real-time polymerase chain reaction (qRT-PCR) after different shoot pinching treatments on grape (<i>Vitis vinifera</i> L.)	LAI Cheng-chun, PAN Hong, ZHANG Jing, et al(890)
Laws of <i>Drynaria roosii</i> growth and its naringin accumulation	SHEN Zong-fang, GUO Xin, TIAN Bo, et al(901)
Optimization of fermentation conditions for endophytic bacterial strain GN232 and its control effect on navel orange canker disease	LIU Bing, SONG Shui-lin, JIANG Jun-xi, et al(908)
A study of the deposition characteristics and efficacy of abamectin by UAV spraying	LI Fei, HAN Chong-chong, LI Bao-tong(914)
Antibacterial stability of diniconazole complexes	FAN Li-min, NIE Xu-liang, SHANGGUAN Xin-chen, et al(924)
Nova visoravan of bamboology: analysis on bamboo projects at national natural science foundation of China	GUO Qi-rong, ZHAO Lin-ying, ZHOU Jie, et al(930)
Biomass and carbon density of young <i>Cinnamomum camphora</i> forest with different densities	QIU Feng-ying, YANG Hai-kuan, LIU Xin-liang, et al(938)
Release law of <i>Cinnamomum camphora</i> essential oil during steam distillation	ZHENG Hong-fu, LIAO Sheng-liang, FAN Guo-rong, et al(946)
Dynamic Characteristics of Forest Carbon Storage, Carbon Density and Carbon Sequestration Potential in Anhui Province	LI Ai-qin, WANG Hui-rong, WANG Jing-jing, et al(953)
Effect of endophytic bacteria inoculation on photosynthetic physiological characteristics of <i>Tripterygium wilfordii</i>	YU Sheng-nan, SUN Rui, SONG Ping, et al(963)
Genetic variation of <i>IGF2</i> , <i>MUC13</i> , <i>PHKG1</i> , <i>RYR1</i> and <i>VRTN</i> causative mutations in Sujiang pigs	XU Pan, TANG Zi-xue, HE Xin-xin, et al(969)
Effect of salinity on the water quality and microbial community structure of the water for young <i>Macrobrachium rosenbergii</i> rearing	NI Meng, GAO Qiang, YUAN Ju-lin, et al(976)
Isolation and characterization of two <i>Lactobacillus</i> strains in sauerkraut and its abundant-selenium-containing capability	SHU Mei, ZHONG Chan, WU Guo-ping, et al(986)
Isolation and Identification of <i>Lactobacillus fermentum</i> JN-2 and optimization of its fermentation medium	ZHANG Shuai-wen, ZENG Zi-han, ZHANG Yong, et al(993)
Effect of FRBI on Secretion of CA125, EGF, E ₂ and IP3 and expression of ER β mRNA and protein	YANG Juan, LAI Lu-ju, WANG Chen, et al(1000)
Effect of pyrolysis temperature on the bioavailability of Cu and Zn in pig manure biochar	YANG Tao-tao, WANG Yao, TAN Xue-ming, et al(1007)
Adsorption of Pb ²⁺ and Cd ²⁺ from contaminated water by activated carbon from <i>Perilla frutescens</i>	ZHENG Mei-qin, PENG Jun, LIN Rui-yu, et al(1014)
Effects of straw and ash addition on nitrogen fertility of farmland soils	JING Shuang, XIN Shi-gang, ZHANG Hong-bo, et al(1021)
Spatial distribution and environmental factors of rural residential areas: a case study of North Wuchang City	HE Xiang-yu, SONG Heng-fei, WU Ke-ning(1030)