



中国科技核心期刊  
中国农林核心期刊  
全国优秀农业期刊  
华东地区优秀期刊  
江西省优秀期刊

CN 36-1124/S  
ISSN 1001-8581

# 江西农业学报

Jiangxi Nongye Xuebao

ACTA

AGRICULTURAE

JIANGXI

第33卷 第11期

Vol.33 No.11

2021

江西省农业科学院 主办  
江西省农学会

万方数据

## 目次

## 作物科学

- 藏区不同类型水稻品种产量和稻米品质特性分析 ..... 韩瑞才,文春燕,沈显华等(1)
- 拌种剂对不同播种方式下稻茬小麦生长发育及产量的影响 ..... 杜小凤,顾大路,杨文飞等(8)
- 低温冻害对江西油菜产量的影响及其变化特征研究 ..... 吴昊,邵明阳,沈福生等(14)

## 植物生理

- 外源渗透调节物质对黄芩幼苗抗旱能力的影响研究 ..... 李小玲,贺广祥,华智锐(20)
- 复配涂封剂调节橡胶苗低温胁迫的生理响应研究 ..... 程琳琳,安锋,谢贵水等(28)

## 园艺园林

- 污泥堆肥对海滨木槿生长及元素吸收的影响 ..... 彭艺,姜睿,肖祖飞等(35)
- 短叶罗汉松雌雄株叶片形态结构特征的比较研究 ..... 杨凤兰,邓冬丽,招礼军等(42)
- 基于傅里叶变换红外光谱分析砧木对不同品种柑橘果实物质组成的影响  
..... 杨兴华,曾紫君,姚锋先等(48)
- 郑州市黄河南岸景观格局变化及其对生态空间的影响 ..... 冯艳,郭悦,王冬梦等(53)

## 植物保护

- 魔芋白绢病菌菌丝生长及微菌核形成的影响因素研究 ..... 何斐,王冉,雷雨俊等(62)
- 苦瓜枯萎病病原的鉴定与防治药剂筛选 ..... 关峰,张景云,石博等(68)
- 坡柳皂苷对大菜粉蝶中肠组织的影响 ..... 于航,李丰超,李金梁等(73)
- 覆盖对茶园土壤温度和杂草生长的影响 ..... 余舜尧,江新风,李琛等(78)

## 土壤肥料

- 硫酸铵处理下茶园土壤氮素转化和交换态金属离子含量的动态变化 ..... 蔡秋亮,钟宁,方显瑞等(83)
- 酸化对水稻土钾素形态及淋移性的影响 ..... 姜铭北,郑铭浩,章明奎(91)
- 不同基肥和追肥对金铁锁药材及种子产量的影响 ..... 戚淑威,周国华,赵文林等(97)
- 长期沼肥深施对果园土壤养分和酶活性的影响 ..... 陈霞,罗友进,程玥晴等(103)

## 烟草科学

- 不同配方高碳基肥对富川烤烟生长和产质量的影响 ..... 张榜,张得平,袁维等(108)
- 不同种植规格氮肥减量对烤烟农艺性状及产质量的影响 ..... 赵文军,薛开政,徐昭梅等(115)
- 生物羊粪对烟株农艺性状及其根际土壤微生物与酶活性的影响 ..... 程尉烜,康业斌(121)

## 分析测试

- 井冈蜜柚特色风味代谢基础解析 ..... 林凯,胡重怡,郭平等(126)
- 观光木叶黄酮类物质纯化、化学成分及抗氧化活性研究 ..... 罗佳,马若克,符韵林等(131)

## 资源环境

- 滇西南锌厂周边农用地土壤重金属污染评价及来源解析 ..... 何洁,谭福民,包立等(138)
- EM菌剂与EDTA配施对铜、铅复合污染下黑麦草种子萌发和生长及重金属吸收的影响  
..... 周红艳,陈丽珊,黄艳清(145)

CONTENTS

Analysis of Yield and Rice Quality Characteristics of Different Types of Rice Varieties in Tibetan Area  
 ..... HAN Rui – cai, WEN Chun – yan, SHEN Xian – hua, et al. (1)

Effects of Seed Dressing on Growth and Yield of Wheat in Rice – Wheat Rotation under Different Sowing Methods  
 ..... DU Xiao – feng, GU Da – lu, YANG Wen – fei, et al. (8)

Effects of Low Temperature and Freezing Injury on Rapeseed Yield and Its Variation Characteristics in Jiangxi Province  
 ..... WU Hao, SHAO Ming – yang, SHEN Fu – sheng, et al. (14)

Effects of Exogenous Osmotic Adjustment Substances on Drought Resistance of *Scutellaria baicalensis* Seedlings  
 ..... LI Xiao – ling, HE Guang – xiang, HUA Zhi – rui(20)

Physiological Response of Rubber Tree Seedlings to Compound Tapping Panel Coating Agent under Low Temperature Stress  
 ..... CHENG Lin – lin, AN Feng, XIE Gui – shui, et al. (28)

Effects of Sewage Sludge Compost on Growth and Elemental Uptake of *Hibiscus hamabo*  
 ..... PENG Yi, JIANG Rui, XIAO Zu – fei, et al. (35)

Comparative Study on Leaf Morphological and Structural Characteristics of Male and Female *Podocarpus macrophyllus*  
 ..... YANG Feng – lan, DENG Dong – li, ZHAO Li – jun, et al. (42)

Effect of Rootstock on Ingredient Composition of Different Citrus Fruits Based on Fourier Transform Infrared Spectroscopy  
 ..... YANG Xing – hua, ZENG Zi – jun, YAO Feng – xian, et al. (48)

Changes of Landscape Pattern on South Bank of the Yellow River in Zhengzhou City and Its Impact on Ecological Space  
 ..... FENG Yan, GUO Yue, WANG Dong – meng, et al. (53)

Study on Influencing Factors of Mycelial Growth and Microsclerotia Formation of Southern Blight Pathogen from *Amorphophallus konjac*  
 ..... HE Fei, WANG Ran, LEI Yu – jun, et al. (62)

Identification and Fungicides Screening of Bitter Gourd *Fusarium* Wilt Pathogen  
 ..... GUAN Feng, ZHANG Jing – yun, SHI Bo, et al. (68)

Effects of *Dononaea viscosa* Saponins on Midgut Tissue of *Pieris brassicae*  
 ..... YU Hang, LI Feng – chao, LI Jin – liang, et al. (73)

Effects of Different Mulching Materials on Soil Temperature and Weed Growth in Tea Gardens  
 ..... YU Shun – yao, JIANG Xin – feng, LI Chen, et al. (78)

Dynamic Changes of Nitrogen Transformation and Exchangeable Metal Ion Content in Tea Garden Soil Treated with Ammonium Sulfate  
 ..... CAI Qiu – liang, ZHONG Ning, FANG Xian – rui, et al. (83)

Effects of Acidification on Forms and Leaching of Potassium in Paddy Soils  
 ..... JIANG Ming – bei, ZHENG Ming – jie, ZHANG Ming – kui(91)

Effects of Different Basal Fertilizers and Topdressing Fertilizers on Root and Seed Yield of *Psammisilene tunicoides*  
 ..... QI Shu – wei, ZHOU Guo – hua, ZHAO Wen – lin, et al. (97)

Effects of Deep Application of Long – term Biogas Fertilizer on Soil Nutrients and Enzyme Activities in Orchard  
 ..... CHEN Xia, LUO You – jin, CHENG Yue – qing, et al. (103)

Effects of High – carbon Base Fertilizers with Different Formula on Growth, Yield and Quality of Flue – cured Tobacco in Fuchuan Area  
 ..... ZHANG Bang, ZHANG De – ping, YUAN Wei, et al. (108)

Effects of Nitrogen Fertilizer Reduction under Different Planting Specifications on Agronomic Characters, Yield and Quality of Flue – cured Tobacco  
 ..... ZHAO Wen – jun, XUE Kai – zheng, XU Zhao – mei, et al. (115)

Effects of Biological Sheep Manure on Agronomic Traits of Tobacco Plants, and Microorganisms and Enzyme Activities in Rhizosphere Soil  
 ..... CHENG Wei – xuan, KANG Ye – bin(121)

Analysis of Flavor Metabolism Basis of Jिंगgang Honey Pomelo  
 ..... LIN Kai, HU Zhong – yi, GUO Ping, et al. (126)

Study on Purification, Chemical Composition and Antioxidant Activity of Flavonoids in *Tsoongiodendron odorum* Leaves  
 ..... LUO Jia, MA Ruo – ke, FU Yun – lin, et al. (131)

Evaluation and Source Analysis of Soil Heavy Metal Pollution in An Industrial Plant in Southwestern Yunnan  
 ..... HE Jie, TAN Fu – min, BAO Li, et al. (138)

Effects of Combined Application of EM Microbial Agent and EDTA on Seed Germination, Growth and Heavy Metal Absorption of *Ryegrass* under Copper and Lead Combined Pollution  
 ..... ZHOU Hong – yan, CHEN Li – shan, HUANG Yan – qing(145)