



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35卷 第7期
Vol. 35 No. 7
2023

江西省农业科学院
江西省农学会 主办

目 次

作物科学

- 不同调制方式对加热卷烟烟叶原料质量及安全性的影响 李嘉亮, 王德勋, 彭梦洁, 等(1)
不同留叶数与叶面钾肥配合施用对上部烟叶品质的影响 李江涛, 董有波, 朱永立, 等(9)
精细化分选对打叶复烤均质化加工的影响 卫盼盼, 吴晓梅, 安银立, 等(14)
基于分子标记辅助选择的优质、高产、抗稻瘟病水稻新品种育种综述 宋云生, 于雅洁, 曹鹏辉, 等(20)
双酶协同对烟梗提取物中淀粉降解效应的研究 刘恩芬, 赵晓晨, 周国福, 等(26)
减施化肥增施有机肥对烤烟产量和中部上等烟比例的影响 谢芳腾, 胡蓉花, 曾宇, 等(32)

园林园艺

- 施氮量对川西高原地区棒菜主要农艺性状的影响 孔垂豹, 冉茂林, 杨峰, 等(37)
生境改良对锦绣杜鹃生长的影响 许海波, 李铤, 张俊涛, 等(44)
采前外源多胺预处理对杏鲍菇内源多胺及乙烯的诱导分析 黎春红, 张雷刚, 罗淑芬, 等(51)
紫锥菊近三倍体的非整倍体离体扩繁能力分析 李庆玲, 黎幸莲, 戴倩, 等(60)

植物生理·植物保护

- 洋葱离体雌核诱导与单倍体愈伤再生体系建立的研究 李威亚, 潘美红, 惠林冲, 等(68)
香根草组织培养基中的植物生长调节剂优化研究 单芹丽, 屈云慧, 汪国鲜, 等(75)
2株烟草病害拮抗细菌的分离鉴定和发酵条件优化研究 施春兰, 曾舒泉, 王志江, 等(81)

土壤肥料

- 红壤丘陵区市域设施菜地土壤肥力评价及其空间分布特征——以江西赣州为例 成臣, 易艳红, 谢金招, 等(91)
浙江省红层母质发育土壤的酸缓冲性及其在人为利用下的酸化特点 池永清, 陈宇航, 章明奎(100)
江苏口岸出口肥料产品中有毒有害元素的统计分析与污染评价 姚洵, 卢志琴, 秦立俊, 等(106)

农业气象·农业工程

- ENSO背景下山西忻州7—8月极端降水对玉米产量的影响 马子平, 郝纹进, 郭婕, 等(113)
高压脉冲电场在云南普洱茶中的应用研究进展 陈婷, 刘昕露, 王白娟(121)

资源环境

- 江西省植被碳汇估算及其对气候变化的响应 苏海报, 陈兴鵠, 吴燕良, 等(127)
基于州(市)视角云南省农业农药和化肥减量的效果评价 伏成秀, 万思琦, 董云峰, 等(136)
黄土干旱区电网工程水土流失机理及其治理方法研究——以宁夏地区为例 钱勇, 韩利, 肖清明, 等(143)
基于人居耦合与服务通达性的国土生态空间优化——以扬州市江都区为例 胡秀艳, 武洋, 吕程翔, 等(153)
基于遥感生态指数的水土流失防治区生态环境时空变化评价——以宝鸡市为例 张扬洋, 李浩洲, 俱战省(160)

农业经济

- 新疆县域棉花产量空间分异及驱动因素 蒲娟, 余国新, 王娇, 等(167)
中国农业科技金融指数构建、时空格局及收敛性检验 熊涛, 沈佳佳, 欧阳淑珍(179)
农产品区域品牌形成与建设路径 江福, 吴昌华, 聂园英(188)
中国农业绿色发展水平测度及其时空演变研究 王连群, 鹿永华(193)
广西现代特色农业示范区联农带农效应评价及障碍因子识别 程隆祥, 文军, 邱丽花(201)
工商资本下乡对农村内部收入不平等的影响——基于CLDS数据的实证分析 谢小梅, 梁宇亮(209)

三农研究

- 保障农村住房质量安全:建房主体重要吗?——基于全国4568个农户的经验证据 李冉, 王玉庭, 李哲敏(218)
乡村振兴背景下新型职业农民农业产业信息需求调查研究——基于Kano模型分析 李秋月, 石红姣(226)
数字经济促进农民农村共同富裕:价值意蕴、制约因素与实践进路 鹿光耀, 廖镇宇(232)
梅州市茶叶产业发展现状、问题与对策建议 陈慧英, 曾斌, 李倩, 等(237)

期刊基本参数:CN36 - 1124/S * 1989 * m * A4 * 246 * zh * P * ¥ 25.00 * 1000 * 33 * 2023 - 07

CONTENTS

Effects of Different Curing Methods on Raw Material Quality and Safety of Heated Tobacco Products	LI Jia-liang, WANG De-xun, PENG Meng-jie, et al. (1)
Effect of Different Remained Leaf Number and Foliar Potassium Fertilizer on Quality of Upper Tobacco Leaves	LI Jiang-tao, DONG You-bo, ZHU Yong-li, et al. (9)
Effect of Fine Classification on Homogenization of Threshing and Redrying	WEI Pan-pan, WU Xiao-mei, AN Yin-li, et al. (14)
A Review of Breeding of New Rice Varieties with High Quality, High Yield and Blast Resistance Based on Molecular Marker-assisted Selection	SONG Yun-sheng, YU Ya-jie, CAO Peng-hui, et al. (20)
Effect of Double Enzyme Synergy on Starch Degradation in Tobacco Stem Extract	LIU En-fen, ZHAO Xiao-chen, ZHOU Guo-fu, et al. (26)
Effects of Reducing Chemical Fertilizer Application and Increasing Organic Fertilizer Application on Yield of Flue-cured Tobacco and Proportion of Superior Leaves in Middle of Flue-cured Tobacco	XIE Fang-teng, HU Rong-hua, ZENG Yu, et al. (32)
Effect of Nitrogen Application Levels on Main Agronomic Traits of <i>Brassica juncea</i> in Western Sichuan Plateau	KONG Chui-bao, RAN Mao-lin, YANG Feng, et al. (37)
Effects of Habitat Improvement on Growth of <i>Rhododendron pulchrum</i>	XU Hai-bo, LI Ting, ZHANG Jun-tao, et al. (44)
Study on Induction Effect of Preharvest Treatment with Exogenous Polyamines on Production of Endogenous Polyamines and Ethylene in <i>Pleurotus eryngii</i>	LI Chun-hong, ZHANG Lei-gang, LUO Shu-fen, et al. (51)
Analysis of <i>in Vitro</i> Propagation Ability of <i>Echinacea purpurea</i> Near-triploid Aneuploid	LI Qing-ling, LI Xing-lian, DAI Qian, et al. (60)
Study on Establishment of <i>in Vitro</i> Gynogenetic Induction and Haploid Callus Regeneration System of Onion	LI Wei-ya, PAN Mei-hong, HUI Lin-chong, et al. (68)
Optimization of Plant Growth Regulators in <i>Vetiveria zizanioides</i> Tissue Culture Medium	SHAN Qin-li, QU Yun-hui, WANG Guo-xian, et al. (75)
Isolation and Identification of Two Antagonistic Bacterial Strains against Tobacco Diseases and Optimization of Fermentation Conditions	SHI Chun-lan, ZENG Shu-quan, WANG Zhi-jiang, et al. (81)
Evaluation of Soil Fertility and Its Spatial Distribution Characteristics of Municipal Greenhouse Vegetable Fields in Red Soil Hilly Region: A Case Study of Ganzhou City, Jiangxi Province	CHENG Chen, YI Yan-hong, XIE Jin-zhao, et al. (91)
Acid Buffering Characteristics of Soils Developed from Red Beds in Zhejiang Province and Its Acidification under Agricultural Utilization	CHI Yong-qing, CHEN Yu-hang, ZHANG Ming-kui (100)
Statistical Analysis and Pollution Assessment of Toxic and Harmful Elements in Fertilizer Products Exported from Jiangsu Port	YAO Xun, LU Zhi-qin, QIN Li-jun, et al. (106)
Impact of Extreme Precipitation from July to August on Corn Yield in Xinzhou City, Shanxi Province under ENSO Background	MA Zi-ping, HAO Wen-jin, GUO Jie, et al. (113)
Research Progress in Application of High Voltage Pulsed Electric Field in Yunnan Pu'er Tea	CHEN Ting, LIU Xin-lu, WANG Bai-juan (121)
Estimation of Vegetation Carbon Sinks in Jiangxi Province and Its Response to Climate Change	SU Hai-bao, CHEN Xing-juan, WU Yan-liang, et al. (127)
Evaluation of Reduction Effect of Agricultural Pesticide and Fertilizer in Yunnan Province from Perspective of Prefectures and Cities	FU Cheng-xiu, WAN Si-qi, DONG Yun-feng, et al. (136)
Study on Soil Erosion Mechanism and Control Method of Power Grid Project in Loess Arid Area: A Case Study of Ningxia	QIAN Yong, HAN Li, XIAO Qing-ming, et al. (143)
Territorial Ecological Space Optimization Based on Habitat Coupling and Service Accessibility: A Case Study of Jiangdu District, Yangzhou City	HU Xiu-yan, WU Yang, LYU Cheng-xiang, et al. (153)
Evaluation of Temporal and Spatial Changes of Ecological Environment in Soil Erosion Control Area Based on Remote Sensing Ecological Index: A Case Study of Baoji City	ZHANG Yang-yang, LI Hao-zhou, JU Zhan-sheng (160)
Spatial Differentiation and Driving Factors of Cotton Yield at County Level in Xinjiang	PU Juan, YU Guo-xin, WANG Jiao, et al. (167)
Construction, Spatial and Temporal Pattern and Convergence Test of China's Agricultural Science and Technology Financial Index	XIONG Tao, SHEN Jia-jia, OUYANG Shu-zhen (179)
Formation and Construction Path of Regional Brand of Agricultural Products	JIANG Fu, WU Chang-hua, NIE Yuan-ying (188)
Study on Measurement and Spatiotemporal Evolution of Agricultural Green Development Level in China	WANG Lian-qun, LU Yong-hua (193)
Evaluation of Farmer-driven Effect and Identification of Obstacle Factors in Guangxi Modern Characteristic Agricultural Demonstration Area	CHENG Long-xiang, WEN Jun, QIU Li-hua (201)
Impact of Industrial and Commercial Capital to Countryside on Rural Internal Income Inequality: An Empirical Analysis Based on CLDS Data	XIE Xiao-mei, LIANG Yu-liang (209)
Ensuring Rural Housing Quality and Security: Do Housing Construction Subjects Matter? —Empirical Evidence Based on 4568 Rural Households in China	LI Ran, WANG Yu-ting, LI Zhe-min (218)
Investigation and Research on Agricultural Industry Information Requirements of New Professional Farmers under Background of Rural Revitalization Based on Kano Model	LI Qiu-yue, SHI Hong-jiao (226)
Promoting Common Prosperity of Farmers and Rural Areas through Digital Economy: Value Implication, Constraints and Practical Path	LU Guang-yao, LIAO Zhen-yu (232)
Development Status, Problems and Countermeasures of Tea Industry in Meizhou City	CHEN Hui-ying, ZENG Bin, LI Qian, et al. (237)

《江西农业学报》第五届编辑委员会

编委会主任 池泽新

编委会副主任 谢金防 余传源 唐安来 黄英金

编 委 (按姓氏笔画排序)

万建林 马辉刚 韦启鹏 尹建华 平先良 叶 川 付江凡
 乐美旺 冯健雄 刘光荣 刘秀梅 刘宝林 李思明 李祖章
 李艳大 李湘民 杨普香 肖叶青 沈显华 宋来强 陈文静
 陈东元 陈庆隆 陈学军 罗才文 罗林广 郑立平 娄佑武
 秦厚国 曹开蔚 彭春瑞 蔡耀辉 缪南生 戴兴临

江西农业学报

月刊

1989 年创刊

主 管	江西省农业科学院	Supervised by	Jiangxi Academy of Agricultural Sciences
主 办	江西省农业科学院	Sponsored by	Jiangxi Academy of Agricultural Sciences
	江西省农学会		Jiangxi Society of Agricultural Sciences
出 版、发 行	《江西农业学报》编辑部	Published by	Editorial Office of Acta Agriculturae Jiangxi
	(南昌莲塘 江西省农业科学院 330200)		(Jiangxi Academy of Agricultural Sciences)
电 话:	(0791) 86830193、82728763		Telephone: (0791) 86830193、82728763
	82728762、82728630		82728762、82728630
网 址:	jxny.chinajournal.net.cn		URL: jxny.chinajournal.net.cn
邮 箱:	jxny@163.com		E-mail: jxny@163.com
主 编	戴星照	Chief Editor	DAI Xing - zhao
副 主 编	谢金防 余传源 付江凡	Vice Chief Editor	XIE Jin - fang YU Chuan - yuan FU Jiang - fan
执行副主编	许晶晶	Executive Vice Chief Editor	XU Jing - jing
编辑部副主任	管珊红	Vice Editorial Director	GUAN Shan - hong
责 任 编 辑	黄荣华 曾小军	Responsible Editors	HUANG Rong - hua ZENG Xiao - jun
	梅怡然 李 聪		MEI Yi - ran LI Cong
编 务	付 英	Housekeeping Editor	FU Ying
印 刷	南昌三联印务有限公司	Printed by	Nanchang Sanlian Printing Co., Ltd

ISSN 1001-8581

定价: 25.00 元

国际标准连续出版物号 ISSN 1001-8581
 国内统一连续出版物号 CN 36-1124/S



9 771001 858235

07>