

目 次

中国主要作物水生产力时空格局演变分析	包永芳 范云飞 吴昕蕾 王素芬(1)
基于 AMMI 模型和 GGE 双标图的西北春玉米品种区域试验综合评价	朱艳彬 樊晓琴 吉闻天 宝春雨 徐长成 朱宏宇 李晓雯 鄢睿 张琪 郭晋杰 郭延玲(15)
密度与氮素互作对带状套作玉米产量的影响	廖若星 胡云 蒲甜 陈国鹏 梁冰 封亮 杨文钰 王小春(25)
高温下秸秆还田耦合减氮对水稻剑叶光合生理特性的影响	赵金标 胡雪 徐承昱 陈远杰 俞施龙 黄丽芬(39)
农用无机纤维对镉胁迫下黑麦草生长的影响及其机理	王欢欢 鹿美航 鹿俊华 董元杰(54)
红枣中苯并[a]芘污染及其膳食风险评估	丁超 乔雄梧 齐艳丽 郝变青 秦曙 马利平(65)
秸秆降解放线菌的分离鉴定及其降解特性	张晶 钱玉婷 曲萍 曹云 王秋君 黄红英(75)
薄壳山核桃-小麦套作系统土壤微生物群落研究	张嘉恬 常君 杨水平 姚小华 王开良 葛翔(84)
赤霉素和油菜素内酯协同调控暗前远红光处理下南瓜下胚轴伸长生长机制	李艳 马丽媛 张冠智 李洋 刘齐 武永军 杨振超(98)
H5 亚型禽流感研究势态——基于 Citespace 的文献计量分析	李浩宁 张啸燕 马爱红 魏凡华(111)
日粮精粗比对舍饲安格斯犏牛生长性能和血清生化指标的影响	岳子奇 王之盛 胡瑞 邹华周 彭全辉 周玉青 赵索南 孙芸 孔祥颖(124)
不同繁殖力绵羊卵巢转录组比较分析	刘在霞 刘永斌 石彩霞 谷明媚 满达 王宇 付绍印 何小龙 戴伶俐 白音巴图 鲍艳春 张文广 娜日苏(132)

高低精子活力的鸡睾丸和附睾转录组系统分析

..... 原佳妮 陈少康 赵延辉 侍玉梅 齐晓龙 盛熙晖 曹永春 邢凯(144)

解鸟氨酸拉乌尔菌 ZK4 菊酯农药降解酶基因 *BioH* 的克隆及原核表达

..... 石鹏格 傅子莹 黄泰通 孙志华 刘思雨

秦思轩 段碧华 张力匀 石生伟(153)

防护林防风效应风洞模拟试验研究进展

..... 王京学 王秀龙 冀晓东 李丹煜 赵国烨 孙禹枫(162)

“双碳”背景下林业碳汇项目经营不确定性对投资者投资门槛的影响

——以 4 省份林业碳汇项目为例 曹先磊 任云鹤 许骞骞 吴伟光(177)

基于农业生态区划的农业高质量发展水平测度、区域差异及收敛性研究

..... 杨传喜 刘文博 张俊飚(194)

河北省乡村聚落的历史起源与发展研究 王楠 郝晋珉 张金懿(214)

基于改进果蝇算法优化广义回归神经网络的绿色农产品消费行为预测

..... 李博 廖梦洁 张健(224)

农业科技服务促进了农户绿色生产技术采纳吗？

——基于激励措施的调节效应 李琳 韩继良 朱玉春(232)

粮食种植户保护性耕作技术采纳决策

——影响因素及其异质性特征 邓远远 朱俊峰(248)

基于专利计量的谷物收割机技术竞争态势分析 郑倩 张宗毅 李洪波(262)

跨区域产学研合作可以促进农作物育种科技创新收敛吗？

——基于创新链视角的研究 肖翠萍 李晓云(276)

数字化水平对农林上市企业经营绩效的影响

..... 熊立春 赵利媛 侯柘 程宝栋 王凤婷(290)

《中国农业大学学报》第 28 卷(2023 年)总目次 (I)

(卷终)

CONTENTS

- Analysis of spatio-temporal evolution of water productivity patterns of major crops in China BAO Yongfang, FAN Yunfei, WU Xinlei, WANG Sufen(1)
- Comprehensive evaluation of regional trials for the spring maize hybrids in Northwest China based on AMMI model and GGE biplot ZHU Yanbin, FAN Xiaoqin, JI Wentian, BAO Chunyu, XU Changcheng, ZHU Hongyu, LI Xiaowen, GAO Rui, ZHANG Qi, GUO Jinjie, GUO Yanling(15)
- Effect of density and nitrogen interaction on the yield of maize in maize-soybean relay strip intercropping LIAO Ruoxing, HU Yun, PU Tian, CHEN Guopeng, LIANG Bing, FENG Liang, YANG Wenyu, WANG Xiaochun(25)
- Effects of coupling straw returning and nitrogen application reduction on the physiological characteristics of rice under high temperature ZHAO Jinbiao, HU Xue, XU Chengyu, CHEN Yuanjie, YU Shilong, HUANG Lifen(39)
- Effect of agricultural inorganic fibers on the growth of ryegrass under cadmium stress and its mechanism WANG Huanhuan, LU Meihang, LU Junhua, DONG Yuanjie(54)
- Benzol[a]pyrene contamination in jujube dates and dietary risk assessment DING Chao, QIAO Xiongwu, QI Yanli, HAO Bianqing, QIN Shu, MA Liping(65)
- Screening, identification and degradation characteristics of one straw degrading actinomycete strain ZHANG Jing, QIAN Yuting, QU Ping, CAO Yun, WANG Qiuju, HUANG Hongying(75)
- Study on soil microbial community of pecan-wheat intercropping system ZHANG Jiatian, CHANG Jun, YANG Shuiping, YAO Xiaohua, WANG Kailiang, GE Xiang(84)
- Mechanism of gibberellin and brassinolide synergistically regulating hypocotyl elongation of pumpkin under EOD-FR LI Yan, MA Liyuan, ZHANG Guanzhi, LI Yang, LIU Qi, WU Yongjun, YANG Zhenchao(98)
- Research trends in avian influenza subtype H5—citespace based bibliometric analysis LI Haoning, ZHANG Xiaoyan, MA Aihong, WEI Fanhua(111)
- Effect of dietary concentrate to forage ratio on growth performance and serum biochemical indices of angus cattle-yaks fed in confinement YUE Ziqi, WANG Zhisheng, HU Rui, ZOU Huawei, PENG Quanhui, ZHOU Yuqing, ZHAO Suonan, SUN Yun, KONG Xiangying(124)
- Comparative analysis of ovary transcriptome of sheep with different fecundity LIU Zaixia, LIU Yongbin, SHI Caixia, GU Mingjuan, Manda, WANG Yu, FU Shaoyin, HE Xiaolong, DAI Lingli, Baiyinbatu, Bao Yanchun, ZHANG Wenguang, Narisu(132)
- Systematic transcriptome analysis of the testis and epididymis of chickens with high and low sperm motility YUAN Jiani, CHEN Shaokang, ZHAO Yanhui, SHI Yumei, Qi Xiaolong, SHENG Xihui, CAO Yongchun, XING Kai(144)

- Cloning and prokaryotic expression of *BioH* gene of pyrethrin degrading enzyme from *Raoulia ornithinolysis* ZK4 SHI Pengge , FU Ziying , HUANG Taitong , SUN Zhihua , LIU Siyu , QIN Sixuan , DUAN Bihua , ZHANG Liyun , SHI Shengwei (153)
- Research progress of wind-tunnel simulation test of windbreak effects of shelterbelt WANG Jingxue , WANG Xiulong , JI Xiaodong , LI Danyu , ZHAO Guoye , SUN Yufeng (162)
- Impact of the uncertainty in forestry carbon sequestration project management on investors' investment threshold under the background of "dual carbon": Take forestry carbon sequestration projects in four provinces as an example CAO Xianlei , REN Yunhe , XU Qianqian , WU Weiguang (177)
- Measurement, regional differences and convergence analysis of the high quality development level of agriculture based on agro-ecological zoning YANG Chuanxi , LIU Wenbo , ZHANG Junbiao (194)
- Research on the historical origin and development of rural settlement in Hebei Province WANG Nan , HAO Jinmin , ZHANG Jinyi (214)
- Optimizing the generalized regression neural network based on improved fruit fly algorithm for green agricultural products consumer behavior prediction LI Bo , LIAO Mengjie , ZHANG Jian (224)
- Does agricultural science and technology service promote farmers' adoption of green production technology?: Moderating effect based on incentive measure LI Lin , HAN Jiliang , ZHU Yuchun (232)
- Grain farmers' conservation tillage technology adoption behavior: Influencing factors and its heterogeneity characteristics DENG Yuanyuan , ZHU Junfeng (248)
- Analysis on the technical competition situation of grain harvester based on patent measurement ZHENG Qian , ZHANG Zongyi , LI Hongbo (262)
- Can cross regional industry-academia-research cooperation promote convergence of scientific and technological innovation in crop breeding? A study from the observation of innovation chain XIAO Cuiiping , LI Xiaoyun (276)
- Influencing mechanism of digitalization level on the operating performance of agricultural listed enterprises XIONG Lichun , ZHAO Liyuan , HOU Zhe , CHENG Baodong , WANG Fengting (290)

Total Contents of China Agricultural University (Vol. 28, 2023) (I)

(Volume end)