

土地资源

- 农用地利用效益的研究进展及展望 殷子妍 陈文焘 刘玉 姚兰(493)
- 东北农区农业净碳汇时空分布及驱动因素 张慧 张力文 何正弘(505)
- 基于PLUS模型的2030年滹沱河流域山区段生态承载力时空格局多情景预测 席梅竹 赵中秋 赵颖丽(518)
- 耕地“非粮化”影响因素空间效应研究——以珠三角为例 陈莉珍 刘光盛 聂嘉琦 肖瑶 杨丽英 王红梅(530)

养分资源

- 化肥有机替代对连作花生产量和根瘤固氮的影响 张勇勇 冯良山 赵凤艳(539)
- 海藻酸增效尿素对夏玉米氮素吸收利用及氮肥损失的影响 孟凡龙 李絮花 王韬虎 刘文琪(549)
- 不同磷水平对棉花养分吸收和磷肥利用效率的影响 黄伟 王西和 贾宏涛 杨金钰 屈小慧 刘盈锐 刘晓菊(558)
- 不同CO₂浓度和氮肥水平对稻田呼吸速率的影响 柯浩楠 曹琰梅 商东耀 武煜秋 帅斯樑 李琪 胡正华(567)
- 减氮对引黄灌区春玉米氮素吸收利用和淋失的影响 王英 刘汝亮 王芳 洪瑜 冒辛平 马建森(576)
- 土壤有机质空间分布预测与草莓种植分区施肥方案——以长丰县为例
..... 杨烁楠 李玉成 史杨 胡宏祥 胡宜敏(585)

生物质资源

- 黑土地保护视角下黑龙江省畜禽养殖环境效应分析 姜冰 康祎梅 李全峰 王晨(592)
- 有机肥与石灰配施对华南酸性土壤的改良效果
..... 黄建凤 吴腾飞 叶芳 张木 逢玉万 吴昭云 肖勇 吴永沛 付弘婷 李苹(606)
- 菌糠预腐解与蚯蚓对苏打盐碱土改良效果的研究 何露露 马利民 张春燕 李明堂(614)
- 秸秆还田与无机改良剂配合对滨海盐渍化土壤特性的影响
..... 王纪鹏 晁赢 阎祥慧 王梅 贾佳 王建新 姜燕宏 王会 潘红 杨全刚 诸葛玉平(623)
- 添加富镉稻草对土壤镉含量及活性动态变化的影响机制 付鑫 曾煜晖 罗必昊 刘玉玲 叶长城 罗斯(636)

农业生态与环境(天津市农村社会事业发展服务中心支持)

- 考虑微生物要素的土壤质量综合评价——以北京市平谷区为例
..... 张杰 白雪源 郝胜磊 马雯秋 陈永亮 王广进 张福锁(645)
- 新疆地区农田地膜残留影响因素及污染强度评价 李慧军 刘勤 周明冬 武红旗 刘晓伟 夏雪梅 何文清(656)
- 不同浓度和表面修饰的聚苯乙烯微塑料对水稻种子萌发、生长和氧化应激的影响
..... 郑婷 张海韵 吕卫光 李双喜 沈晓芳(666)

水资源与水生态

湖泊甲烷释放特征及其影响因素研究进展

..... 麦富源 童银栋 张强弓 王琦瑞 杨清 赵锋 崔金龙 吴政禹 张冰雅(677)

我国农村生活污水与农田退水面源氮磷污染生态净化技术现状与研究进展

..... 蒋昀耕 张静 卢少勇 刘笑欣 王泽欣 杨嘉鹏 艾亚敬(688)

东洞庭湖表层沉积物中抗生素及抗性基因的时空分异特征

..... 陈金明 卢少勇 葛飞 王永强 李琳琳 杨莉园 秦海娇 蒋昀耕(697)

区域绿色发展

中国粮食生态效率:水平测度、时空格局演变与影响因素 王帅 王亚静 方正 吕昊泉 刘璐(706)

不同乡村地域类型农户生计资本和生计策略特征及影响因素——以于桥水库流域为例

..... 马成 杨琰璞 师荣光 李昂 武文豪 夏维 米长虹(717)

基于空间相关性的高原山区村庄分类与布局优化 冯怡翔 陈国平 赵俊三 林伊琳 王荣耀(728)

刊说:封面文章作者团队

天津大学环境科学与工程学院 流域环境过程模拟与水生态效应团队(封二)

北京市农林科学院信息技术研究中心(国家农业信息化工程技术研究中心)资源环境信息技术研究团队(封三)

JOURNAL OF AGRICULTURAL RESOURCES AND ENVIRONMENT

(Bimonthly • Started in 1984)

Vol.41 No.3 May 10, 2024

-
-
- Research framework and prospects of agricultural land utilization benefits
..... YIN Ziyang, CHEN Wentao, LIU Yu, YAO Lan(493)
- The spatiotemporal distribution and driving factors of agricultural net carbon sink in northeast agricultural areas
..... ZHANG Hui, ZHANG Liwen, HE Zhenghong(505)
- Multi-scenario prediction of the spatial and temporal patterns of ecological carrying capacity in the mountain section of
Hutuo River basin in 2030 based on the PLUS model XI Meizhu, ZHAO Zhongqiu, ZHAO Yingli(518)
- Spatial effect of influential factors of non-grain cultivated land: a case study of the Pearl River Delta
..... CHEN Lizhen, LIU Guangsheng, NIE Jiaqi, XIAO Yao, YANG Liying, WANG Hongmei(530)
- Effects of organic fertilizer substituting chemical fertilizer on yield and nitrogen fixed by root nodules of continuous cropping peanut
..... ZHANG Yongyong, FENG Liangshan, ZHAO Fengyan(539)
- Effects of alginic acid-enhanced urea on nitrogen absorption, utilization, and loss of summer maize
..... MENG Fanlong, LI Xuhua, WANG Taohu, LIU Wenqi(549)
- Effects of different phosphorus application rates on nutrient absorption and phosphorus fertilizer utilization efficiency of cotton
..... HUANG Wei, WANG Xihe, JIA Hongtao, YANG Jinyu, QU Xiaohui, LIU Yingrui, LIU Xiaoju(558)
- Effects of different CO₂ concentrations and nitrogen levels on the respiration rate of paddy field
..... KE Haonan, CAO Yanmei, SHANG Dongyao, WU Manqiu, SHUAI Siliang, LI Qi, HU Zhenghua(567)
- Effect of nitrogen reduction on nitrogen uptake and leaching of spring maize in the Yellow River irrigation area
..... WANG Ying, LIU Ruliang, WANG Fang, HONG Yu, MAO Xinping, MA Jiansen(576)
- Spatial distribution and prediction of soil organic matter and zonal fertilization of strawberry planting area: taking Changfeng
County as an example YANG Shuonan, LI Yucheng, SHI Yang, HU Hongxiang, HU Yimin(585)
- Analysis of environmental effects of livestock and poultry breeding in Heilongjiang Province from the perspective of black land
protection JIANG Bing, KANG Yimei, LI Quanfeng, WANG Chen(592)
- Effect of organic fertilizer and lime combination on ameliorating acid soil in south China HUANG Jianfeng,
WU Tengfei, YE Fang, ZHANG Mu, PANG Yuwan, WU Zhaoyun, XIAO Yong, WU Yongpei, FU Hongting, LI Ping(606)
- Study on the effect of mushroom residue pre-decomposition and earthworms on improving soda saline-alkali soil
..... HE Lulu, MA Limin, ZHANG Chunyan, LI Mingtang(614)
- Effects of straw returning with inorganic improver on characteristics of coastal saline soil
..... WANG Jipeng, CHAO Ying, YAN Xianghui,
..... WANG Mei, JIA Jia, WANG Jianxin, LOU Yanhong, WANG Hui, PAN Hong, YANG Quangang, ZHUGE Yuping(623)

- Influence mechanism of rice straw with cadmium on dynamic changes in soil cadmium content and activity
 FU Xin, ZENG Yuhui, LUO Bihao, LIU Yuling, YE Changcheng, LUO Si(636)
- Comprehensive evaluation of soil quality considering microbial elements : a case study of Pinggu District, Beijing, China
 ZHANG Jie, BAI Xueyuan, HAO Shenglei, MA Wenqiu, CHEN Yongliang, WANG Guangjin, ZHANG Fusuo(645)
- Characteristics of mulching film residue pollution in farmland and its influencing factors in Xinjiang region
 LI Huijun, LIU Qin, ZHOU Mingdong, WU Hongqi, LIU Xiaowei, XIA Xuemei, HE Wenqing(656)
- Effects of polystyrene microplastics on seed germination, growth, and oxidative stress in rice
 ZHENG Ting, ZHANG Haiyun, LÜ Weiguang, LI Shuangxi, SHEN Xiaofang(666)
- Research progress on methane emission characteristics and influencing factors in lakes MAI Fuyuan, TONG Yindong,
 ZHANG Qianggong, WANG Qirui, YANG qing, ZHAO Feng, CUI Jinlong, WU Zhengyu, ZHANG Bingya(677)
- Present situation and progress of ecological purification technology for nitrogen and phosphorus pollution from rural domestic
 sewage and farmland water surface in China
 JIANG Yungeng, ZHANG Jing, LU Shaoyong, LIU Xiaoxin, WANG Zexin, YANG Jiapeng, AI Yajing(688)
- Spatio-temporal differentiation of antibiotic and antibiotic resistance genes in surface sediments of East Dongting Lake basin
 CHEN Jinming, LU Shaoyong, GE Fei, WANG Yongqiang, LI Linlin, YANG Liyuan, QIN Haijiao, JIANG Yungeng(697)
- Grain eco-efficiency in China :horizontal measurement, spatio-temporal pattern evolution and influencing factors
 WANG Shuai, WANG Yajing, FANG Zheng, LÜ Haoquan, LIU Lu(706)
- Livelihood strategies and livelihood capital characteristics of rural households in different rural areas :a case study of
 the Yuqiao Reservoir watershed
 MA Cheng, YANG Yanying, SHI Rongguang, LI Ang, WU Wenhao, XIA wei, MI Changhong(717)
- Classification and layout optimization of plateau mountain villages based on spatial correlation
 FENG Yixiang, CHEN Guoping, ZHAO Junsan, LIN Yilin, WANG Rongyao(728)