

双月刊 ISSN 2095-6819
CN 12-1437/S
CODEN NZYHAJ

农业资源与环境学报

中文核心期刊
中国科技核心期刊
中国农林核心期刊

JOURNAL OF AGRICULTURAL RESOURCES AND ENVIRONMENT

生态空间格局优化与景观要素耦合视角下环水有机农业面源污染控制技术

三格化粪池厕所的功能定位及在农村改厕中的应用误区



2021年3月
第38卷第2期
Vol.38 No.2

ISSN 2095-6819



9 772095 681211

农业农村部环境保护科研监测所
中国农业生态环境保护协会 主办

万方数据

农业生态与环境(农业农村部农产品质量安全环境因子控制重点实验室协办)

- 土壤重金属污染修复植物处置技术进展 王敏捷 盛光遥 王 锐(151)
生态空间格局优化与景观要素耦合视角下环水有机农业面源污染控制技术 王 磊 席运官
潘 阳 陈秋会 和丽萍 李丽娜 吴见珣 杨育文 刘明庆 杨涛明 杨 赵 田 伟 高吉喜(160)
钝化材料的老化对水稻土中Cd钝化稳定性的影响 单志军 陈勇红 张 丽 刘 岩 焦位雄 林大松(167)
磺胺二甲基嘧啶与环丙沙星对小麦种子萌发和幼苗生长的影响
..... 张天莹 余彬彬 林文轩 戴博安 钱晓晴(176)
环丙沙星和镉复合污染土壤中镉的生物可给性及其动态变化 郭剑波 常旭卉 陈 龙 刘小苟 王淑平(185)
惠州市畜禽养殖污染耕地承载负荷估算及风险评价
..... 宋江燕 吴根义 苏文幸 余 磊 马晓蕊 柳王荣 袁俊杰(191)
水稻抽穗扬花期极端高温发生时空特征及热害风险区识别——以南充市为例
..... 萧炜鹏 龚建周 崔海山 胡月明(198)
耐镉邻苯二甲酸二辛酯降解菌的筛选及特性研究
..... 刘 标 喻孟元 王 震 杜东霞 陈 薇 许丽娟 吴迎奔 吴民熙 刘惠知 尹红梅(208)

乡村环境

- 三格化粪池厕所的功能定位及在农村改厕中的应用误区
..... 张 玉 吕明环 徐明杰 李 傲 施云鹏 李亚惠 范 彬(215)
农户参与对农村生活垃圾分类处理效果的影响 许骞骞 王成军 张书赫(223)

土地资源

- 河南省近十年来土壤侵蚀时空变化分析 黄硕文 李 健 张欣佳 邓联文 张金萍(232)
基于人地关系的干旱区耕地流转空间分异特征与驱动机制的地理探测 王 琪 王永生 杜国明 刘兆军(241)
黄河中下游地区耕地轨迹演变及驱动机制研究——以河南省为例 耿艺伟 陈伟强 张 锋 马月红(249)
典型岩溶流域不同土地利用类型土壤腐植酸与钙的关系 吴丽芳 倪大伟 王 妍 刘云根 王艳霞(259)

养分资源

秸秆还田方式对旱地草甸土活性有机碳组分的影响

..... 李玉梅 王桂林 孟祥海 胡颖慧 王伟 李建英 张冬梅(268)

不同形态氮素对玉米秸秆腐解与养分释放的影响 石琳 金梦灿 单旭东 高敏 陈曦 邹红建(277)

牛粪化肥最优配比条件下不同轮作方式对稻田氮磷流失的影响

..... 普燕爽 王春雪 陈建军 李元 祖艳群 张克强(286)

安徽省畜禽养殖粪尿及养分含量时空分布特征 张靖雨 汪邦稳 袁先江 龙昶宇(295)

进料浓度对猪粪混合稻秆厌氧产甲烷特性的影响 桂伦 陈莎莎 黄振侠 吴安 姚健 陈柳萌(305)

区域绿色发展

土地利用多功能机制及其耦合协调时空分异——以广西为例 张中秋 劳燕玲 何彩珍 韦金洪 胡宝清(317)

新时代广州市耕地多功能评价及时空演变分析 唐春云 藏俊梅(332)

基于协同-共生视角的茶产业生态圈协调发展实证分析 马永强 谢静欣 梅冬 陈佑成(344)

刊说:封面文章作者团队

生态环境部南京环境科学研究所 农村环境保护与有机食品发展研究中心 (封二)

中国科学院生态环境研究中心 乡村环境卫生与分散污水治理研究组 (封三)

JOURNAL OF AGRICULTURAL RESOURCES AND ENVIRONMENT

(Bimonthly•Started in 1984)

Vol.38 No.2 March 10, 2021

Progress in disposal technologies for plants polluted with heavy metals after phytoextraction

..... WANG Min-jie, SHENG G. Daniel, WANG Rui(151)

Agricultural non-point source pollution control technology based on coupling effects of agricultural spatial-pattern and

landscape elements by developing organic agriculture in watershed areas

..... WANG Lei, XI Yun-guan, PAN Yang, CHEN Qiu-hui, HE Li-ping,
LI Li-na, WU Jian-xun, YANG Yu-wen, LIU Ming-qing, YANG Tao-ming, YANG Zhao, TIAN Wei, GAO Ji-xi(160)

Effects of the aging of immobilization materials on the stability of immobilization remediation of Cd-contaminated paddy soil

..... SHAN Zhi-jun, CHEN Yong-hong, ZHANG Li, LIU Yan, JIAO Wei-xiong, LIN Da-song(167)

Effects of sulfadimidine and ciprofloxacin stress on seed germination and seedling growth of wheat

..... ZHANG Tian-ying, YU Bin-bin, LIN Wen-xuan, DAI Bo-an, QIAN Xiao-qing(176)

Bioaccessibility and dynamic dissolution of cadmium from compound-contaminated soils containing cadmium and ciprofloxacin

..... GUO Jian-bo, CHANG Xu-hui, CHEN Long, LIU Xiao-tong, WANG Shu-ping(185)

Carrying load estimation and risk assessment of cultivated land contaminated by livestock and poultry breeding in Huizhou

..... SONG Jiang-yan, WU Gen-yi, SU Wen-xing, SHE Lei, MA Xiao-rui, LIU Wang-rong, YUAN Jun-jie(191)

Spatio-temporal characteristics of extremely high temperature occurrences on rice during heading-flowering stage and

identification of high-temperature disaster areas: An example of Nanchong City

..... XIAO Wei-peng, GONG Jian-zhou, CUI Hai-shan, HU Yue-ming(198)

Isolating and characteristics of a Cd-resistant microorganism used in the biodegradation of di-n-octyl phthalate

..... LIU Biao, YU Meng-yuan,

WANG Zhen, DU Dong-xia, CHEN Wei, XU Li-juan, WU Ying-ben, WU Min-xi, LIU Hui-zhi, YIN Hong-meい(208)

Functional orientation of the three-chamber septic tank toilet and errors in its application in rural toilet reform

..... ZHANG Yu, LÜ Ming-huan, XU Ming-jie, LI Ao, SHI Yun-peng, LI Ya-hui, FAN Bin(215)

The influence of farmers' participation on rural domestic waste sorting treatment

..... XU Qian-qian, WANG Cheng-jun, ZHANG Shu-he(223)

Analysis of spatial and temporal changes in soil erosion in Henan Province over the last ten years

..... HUANG Shuo-wen, LI Jian, ZHANG Xin-jia, DENG Lian-wen, ZHANG Jin-ping(232)

Geographical exploration of spatial differentiation characteristics and driving mechanism of cultivated land circulation in

arid regions based on human-land relationships WANG Qi, WANG Yong-sheng, DU Guo-ming, LIU Zhao-jun(241)

Evolution and driving mechanisms of cultivated land trajectories in the middle and lower reaches of the Yellow River :

A case study on the Henan Province GENG Yi-wei, CHEN Wei-qiang, ZHANG Feng, MA Yue-hong(249)

- Relationship between humic acids and calcium fractions in soils under contrasting land-use types in a typical karst basin WU Li-fang, NI Da-wei, WANG Yan, LIU Yun-gen, WANG Yan-xia(259)
- Effects of different straw returning methods on labile organic carbon distribution in upland meadow soil LI Yu-mei, WANG Gen-lin, MENG Xiang-hai, HU Ying-hui, WANG Wei, LI Jian-ying, ZHANG Dong-mei(268)
- Influences of different forms of nitrogen fertilizer on the decomposition and release of nutrients from corn straw residue SHI Lin, JIN Meng-can, SHAN Xu-dong, GAO Min, CHEN Xi, GAO Hong-jian(277)
- Effects of different rotation patterns on nitrogen and phosphorus loss in paddy fields under an optimal ratio of cow manure and fertilizer PU Yan-shuang, WANG Chun-xue, CHEN Jian-jun, LI Yuan, ZU Yan-qun, ZHANG Ke-qiang(286)
- Spatial and temporal distribution features of livestock and poultry manure and nutrient content in Anhui Province ZHANG Jing-yu, WANG Bang-wen, YUAN Xian-Jiang, LONG Chang-yu(295)
- Effects of feedstock concentration on methane-producing performance of anaerobic co-digestion of pig manure and rice straw GUI Lun, CHEN Sha-sha, HUANG Zhen-xia, YU An, YAO Jian, CHEN Liu-meng(305)
- Mechanism of land use functions and their spatio-temporal differentiation of coupling coordination degree: Taking Guangxi as an example ZHANG Zhong-qiu, LAO Yan-ling, HE Cai-zhen, WEI Jin-hong, HU Bao-qing(317)
- Multi-functional evaluation of cultivated land and an analysis of the temporal and spatial evolution of Guangzhou in the new era TANG Chun-yun, ZANG Jun-mei(332)
- Empirical analysis of the construction of the tea industry ecosystem from the perspective of synergy MA Yong-qiang, XIE Jing-xin, MEI Dong, CHEN You-cheng(344)