

ISSN 1672-2043

CN 12-1347/S

农业环境科学学报

JOURNAL OF AGRO-ENVIRONMENT SCIENCE

中文核心期刊
CODEN NHKXA7

酶/蛋白质与土壤组分界面作用的研究进展

生物改性玉米秸秆处理溢油污染水体的研究

黄土丘陵沟壑区治沟造地工程碳效应分析



2018年2月

第37卷第2期 Vol.37 No.2

农业部环境保护科研监测所 主办
中国农业生态环境保护协会



关注微信公众平台请扫二维码

万方数据

目次

农业环境科学学报

Contents 第37卷第2期(总第270期)

2018-02-20 出版

专论与综述

酶/蛋白质与土壤组分界面作用的研究进展 李艳 谭文峰 陈义 吴春艳 唐旭 计小江(205)

污染生态

叶面喷施硅硒联合水分管理对水稻镉吸收转运特征的影响
..... 高敏 周俊 刘海龙 胡远妹 徐磊 梁家妮 黄贵凤 周静(215)

猪粪中铜、锌与等量水溶性盐对两种叶类蔬菜的植物有效性比较
..... 颜蒙蒙 贾武霞 苏世鸣 王亚男 王济 曾希柏 白玲玉(223)

土壤环境

生物质材料与营养物配施对石油污染土壤的修复 王艳杰 李法云 荣湘民 陈佳勃 石丽芳(232)

广西某铅锌矿影响区农田土壤重金属污染特征及修复策略
..... 张云霞 宋波 杨子杰 王佛鹏 周浪 周子阳 宾娟(239)

耐镉细菌的分离及其对土壤中镉的形态影响
..... 刘玉玲 铁柏清 李园星露 魏祥东 彭鸥 叶长城 刘孝利 孙健(250)

生物质炭对湘南矿区轻度 Pb 污染土壤性质及 Pb 的累积转运影响
..... 徐继敏 张平 廖柏寒 耿勤 李倩 彭佩钦(259)

铅对壤土细菌群落组成的影响研究 安凤秋 吕家琬 刁展 李海红 赵琪琪(268)

基于能值方法的“五配套”生态果园可持续性评价 张丛光 韩建聪 邱凌 朱铭强 成嘉(276)

面源污染

河北省种植业水污染足迹初报 杜玲 徐长春 吴尧 王猛 陈卓(286)

湖北省三峡库区 1991—2014 年农业非点源氮磷污染负荷分析 王萌 王敬贤 刘云 李春蕾 肖文发(294)

水体环境

太湖近岸带草藻残体分解对水质的影响 余岑岑 马杰 许晓光 王国祥 刘慧超(302)

生物改性玉米秸秆处理溢油污染水体的研究 彭丹 党志 郑刘春(309)

无回流生物滤床净化槽脱氮效果的研究 王昶 胡洁 王耀琛 马超凡 曾明 李丽(316)

泰乐菌素的超声波降解效果及机制 舒小华 张倩 杨琛 许子夫 韦惠华 梁英 莫德清(323)

微藻为营养源固定化硫酸盐还原菌对含铜废水动态去除试验研究 李勇超 杨晓燕 李艳苓 耿兵(332)

万方数据

不同温度制备香根草生物炭对 Cd²⁺的吸附特性与机制 邓金环 郜礼阳 周皖婉 杜伟庭 蔡昆争 陈桂葵 黄 飞(340)

海南省部分区域农田地下水中全氟烷基酸类浓度水平和潜在污染源分析
..... 谭冬飞 张艳伟 王 璐 徐亚平 王济世 刘潇威(350)

废弃物处理及资源化利用

华南农产品主产区 2005—2014 年秸秆露天燃烧污染物排放估算及时空分布
..... 杨夏捷 马远帆 鞠园华 蔡奇均 郭福涛(358)

堆肥中不同氮素原位固定剂的综合比较研究 江 滔 常佳丽 马旭光 李国学(369)

不同堆高奶牛粪便长期堆积过程中温室气体和氨排放特点 崔利利 王效琴 梁东丽 段雪琴 刘 松 赵加磊(376)

碳氮循环

UV-B 辐射对元阳梯田稻田土壤活性有机碳含量与温室气体排放的影响
..... 王 灿 李虹茹 湛方栋 李 想 李 元 祖艳群 何永美 郭先华(383)

黄土丘陵沟壑区治沟造地工程碳效应分析 雷 娜 穆兴民(392)

生化抑制剂组合与施肥模式对黄泥田稻季氨挥发的影响 周 旋 吴良欢 戴 锋 董春华(399)

版权所有 未经许可 不得以任何形式进行摘编或转载

CONTENTS

Vol.37 No.2 Feb. 20, 2018

(Monthly • Started in 1982)

JOURNAL OF AGRO-ENVIRONMENT SCIENCE

- Advancement in the research of enzyme binding on the interfaces of soil components
..... LI Yan, TAN Wen-feng, CHEN Yi, WU Chun-yan, TANG Xu, JI Xiao-jiang(205)
- Effect of silica and selenite foliar sprays on the uptake and transport of cadmium by rice under water management
..... GAO Min, ZHOU Jun, LIU Hai-long, HU Yuan-mei, XU Lei, LIANG Jia-ni, HUANG Gui-feng, ZHOU Jing(215)
- Phytoavailability comparison of Cu and Zn in two types of leaf vegetables after application with manure and their equivalent water-soluble salts YAN Meng-meng, JIA Wu-xia, SU Shi-ming, WANG Ya-nan, WANG Ji, ZENG Xi-bai, BAI Ling-yu(223)
- Remediation of petroleum-contaminated soils by combined application of biomass materials and nutrients
..... WANG Yan-jie, LI Fa-yun, RONG Xiang-min, CHEN Jia-bo, SHI Li-fang(232)
- Characteristics and remediation strategy of heavy-metal polluted agricultural soil near a lead and zinc mine in Guangxi
..... ZHANG Yun-xia, SONG Bo, YANG Zi-jie, WANG Fo-peng, ZHOU Lang, ZHOU Zi-yang, BIN Juan(239)
- Isolation of a Cd-resistant bacterium and its effect on the speciation of Cd in soil
..... LIU Yu-ling, TIE Bai-qing, LI Yuan-xing-lu, WEI Xiang-dong, PENG Ou, YE Chang-cheng, LIU Xiao-li, SUN Jian(250)
- Effects of biochar on the properties of soil lightly contaminated with lead in Southern Hunan and bioaccumulation and translocation of lead in rice plants XU Ji-min, ZHANG Ping, LIAO Bo-han, GENG Qin, LI Qian, PENG Pei-qin(259)
- Influence of lead on bacterial community composition in Lou soil
..... AN Feng-qiu, LÜ Jia-long, DIAO Zhan, LI Hai-hong, ZHAO Qi-qi(268)
- Energy method-based evaluation of the sustainability of the "Five-in-One" ecological orchard system
..... ZHANG Cong-guang, HAN Jian-cong, QIU Ling, ZHU Ming-qiang, CHENG Jia(276)
- Water degradation footprint of crop production in Hebei Province
..... DU Ling, XU Chang-chun, WU Yao, WANG Meng, CHEN Fu(286)
- Analysis of nitrogen and phosphorus pollution loads from agricultural non-point sources in the Three Gorges Reservoir of Hubei Province from 1991 to 2014 WANG Meng, WANG Jing-xian, LIU Yun, LI Chun-lei, XIAO Wen-fa(294)
- Influence of decomposition processes of higher aquatic plants and algae on water quality near the shoreline of Lake Taihu
..... YU Cen-cen, MA Jie, XU Xiao-guang, WANG Guo-xiang, LIU Hui-chao(302)
- Study on oil-spilled water treated by bio-modification of corn stalks PENG Dan, DANG Zhi, ZHENG Liu-chun(309)
- Study on nitrogen removal effect of non-circumfluence bio-filter purifying tank
..... WANG Chang, HU Jie, WANG Yao-chen, MA Yue-fan, ZENG Ming, LI Li(316)
- The efficiency and mechanism of ultrasonic tylosin degradation
..... SHU Xiao-hua, ZHANG Qian, YANG Chen, XU Zi-fu, WEI Hui-hua, LIANG Ying, MO De-qing(323)

- Immobilized sulfate reducing bacteria beads using microalgae as nutrient source for effective biotreatment of copper-containing wastewater in an upflow anaerobic reactor LI Yong-chao, YANG Xiao-yan, LI Yan-ling, GENG Bing(332)
- Adsorption characteristics and mechanisms of Cd²⁺ in biochar derived from vetiver grass under different pyrolysis temperatures DENG Jin-huan, GAO Li-yang, ZHOU Wan-wan, DU Wei-ting, CAI Kun-zheng, CHEN Gui-kui, HUANG Fei(340)
- Distribution and potential PFAA pollution sources in farmland groundwater from Hainan Province TAN Dong-fei, ZHANG Yan-wei, WANG Lu, XU Ya-ping, WANG Ji-shi, LIU Xiao-wei(350)
- Temporal and spatial distribution of air pollutants emitted from field burning of straw crops in Southern China during 2005—2014 YANG Xia-jie, MA Yuan-fan, JU Yuan-hua, CAI Qi-jun, GUO Fu-tao(358)
- Comprehensive comparison of different nitrogen *in situ* conservation agents during composting JIANG Tao, CHANG Jia-li, MA Xu-guang, LI Guo-xue(369)
- Greenhouse gas and ammonia emissions from different piling heights in long-term stacks of dairy manure CUI Li-li, WANG Xiao-qin, LIANG Dong-li, DUAN Xue-qin, LIU Song, ZHAO Jia-lei(376)
- Effects of enhanced UV-B radiation on the content of soil active organic carbon and greenhouse gas emission from a rice paddy in Yuanyang Terraces WANG Can, LI Hong-ru, ZHAN Fang-dong, LI Xiang, LI Yuan, ZU Yan-qun, HE Yong-mei, GUO Xian-hua(383)
- Analysis on effect of gully control and land reclamation projects on carbon emission in hilly and gully regions of Loess Plateau LEI Na, MU Xing-min(392)
- Effects of combined biochemical inhibitors and fertilization models on ammonia volatilization in yellow clayey paddy field ZHOU Xuan, WU Liang-huan, DAI Feng, DONG Chun-hua(399)