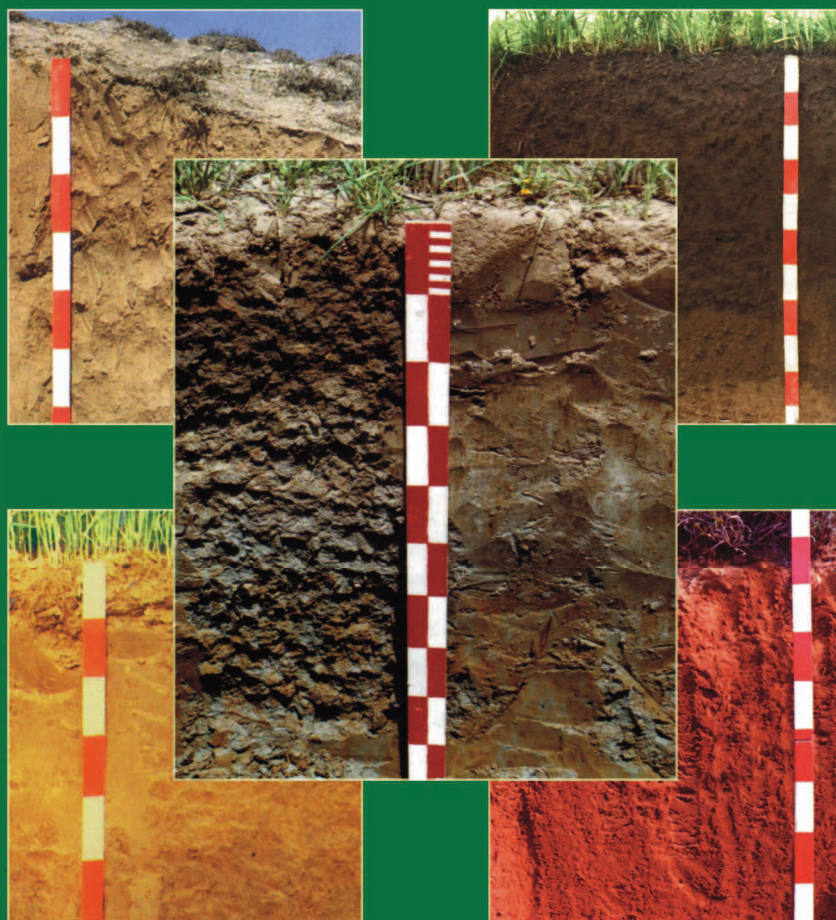


中国科技核心期刊

ISSN 0253-9829

Soils 土壤



2017

第 49 卷

4



科学出版社

中国科学院南京土壤研究所 主办
科学出版社 出版

万方数据

土 壤

TURANG

第 49 卷 第 4 期

2017 年 8 月

目 次

◆ 专论与综述

- 我国南方工程边坡土壤生态修复技术创新的认知与实践 朱兆华, 赵其国, 赖庆旺, 徐国钢, 陈晓蓉 (643)
- 新常态下我国轮作休耕的内涵、意义及实施要点简析 王志强, 黄国勤, 赵其国 (651)
- 基于固态 ^{13}C 核磁共振波谱研究植物残体分解和转化机制的进展 李昌明, 王晓玥, 孙 波 (658)
- 粉煤灰对土壤性质改善及肥力提升的作用研究进展 季慧慧, 黄明丽, 何 键, 杨凡昌, 徐荣臣, 张凤魁, 颜冬云 (665)
- 矿山土壤特性及其分类研究进展 路 晓, 王金满, 李 博, 白中科 (670)

◆ 研究报告

- 水氮管理对优质杂交中稻旌优 127 产量及氮肥利用率的影响 张 林, 徐富贤, 熊 洪, 蒋 鹏, 周兴兵, 朱永川, 刘 茂, 郭晓艺 (679)
- 红壤水稻土上双季稻氮素减施增效方法比较 吴 萌, 李委涛, 刘 佳, 刘 明, 江春玉, 李忠佩 (685)
- 叶面喷施含氨基酸水溶肥料在辣椒和豇豆上的肥效 王 蓓, 高 旭, 王甜甜, 王东升, 谢约翰, 巩子毓, 李 荣, 沈其荣 (692)
- 秸秆钾替代化肥钾对茼蒿的营养效应研究 谷守宽, 袁 婷, 陈 益, 杨 东, 文 娟, 熊小莉, 李 戎, 李振轮, 王正银 (699)
- 生物有机肥对连作马铃薯及土壤生化性状的影响 柳玲玲, 苟久兰, 何佳芳, 范成五, 秦 松 (706)
- 蚓粪施用方式对不同品种番茄生长和土壤肥力的影响 滕明姣, 万兵兵, 王东升, 焦加国, 刘满强, 陈小云 (712)
- 文山植烟土壤有效锌含量及其影响因素研究 谭 军, 刘晓颖, 李 强, 周冀衡, 陈丽娟, 宾 俊, 邱永健 (719)
- 鼎湖山不同森林类型土壤纤毛虫群落比较研究 王 超, 徐润林 (725)
- 盐碱胁迫对香樟幼苗根际土壤酶活性的影响 颜路明, 郭祥泉 (733)
- 林地改为茶园对土壤净硝化速率及 N_2O 排放的影响 崔静雅, 颜明娟, 吴晓荣, 王慎强, 倪 康, 蔡祖聪, 张金波, 程 谊 (738)
- 不同施肥措施对河套灌区盐化潮土氮挥发及氧化亚氮排放的影响 武 岩, 红 梅, 林立龙, 美 丽, 张建强 (745)
- 猪粪与农田土壤中重金属累积污染的相关分析 赵 睿, 吴智书, 罗 阳, 董 丽, 王淑楠, 王海斌, 喻礼怀 (753)
- 龙游硫铁矿农区农田土壤重金属污染的空间变异及在水稻中的积累 张奥博, 褚先尧, 殷汉琴, 徐明星, 黄春雷, 宋明义 (760)
- 榆神府覆沙矿区采煤塌陷地表层土壤理化性质演变 杜华栋, 赵晓光, 张 勇, 聂文杰 (770)
- 河套灌区中度盐渍化土壤改良产品筛选研究 刘瑞敏, 杨树青, 史海滨, 梁建财 (776)
- 滨海盐土区 4 种典型耐盐植物盐分离子的积累特征 刘雅辉, 王秀萍, 刘广明, 孙建平, 姚玉涛, 杨雅华 (782)
- 基于磁感式大地电导率仪的土壤盐分解译模型 李 兵, 刘广明, 苏里坦, 陈 诚, 杨劲松 (789)
- 九宫山土壤剖面中黏土矿物的组成特征 刘智杰, 董 雪, 张志毅, 黄 丽 (795)
- 黑钙土不同土层在两种材质负压渗水器下的吸渗特性 丁亚会, 龙怀玉, 王 鹏, 蒋雨州, 方珍娟 (803)
- 基于 GIS 和 RS 的玛纳斯河流域土壤盐渍化敏感性动态评价 张添佑, 王 玲, 韩 燕, 张 梅 (812)
- 基于多元统计和地统计的肇源县表层土壤重金属来源辨析 张 慧, 郑志志, 杨 欢, 马鑫鹏, 王居午 (819)
- 湘东地区花岗岩红壤在中国土壤系统分类中的归属 欧阳宁相, 张杨珠, 盛 浩, 周 清, 黄运湘, 廖超林, 罗兰芳, 袁 红 (828)
- 巢湖流域土地利用效益测度与综合判定 范树平, 刘友兆, 程从坤, 张红梅, 钟太洋 (838)
- 皖江城市带示范区土地资源生态安全警情测度及时空分析 黄木易, 褚 楚, 何 翔 (846)
- ◆ 研究简报
- 便携式 X 射线荧光光谱仪实验室异位检测法的实用性研究 董天宇, 王海江, John A Yunger, 李亚莉, 任少亭 (853)
- ◆ 简讯
- 中国知网 (CNKI) 推出《中国高被引图书年报》 (858)

CONTENTS

Cognition and Practice on Technological Innovation of Ecological Restoration of Engineering Slope Soil in South China	ZHU Zhaohua, ZHAO Qiguo, LAI Qingwang, XU Guogang, CHEN Xiaorong (650)
Brief Analysis on Connotation, Significance and Implementing Essentials of Rotation Fallow Under New Normal in China	WANG Zhiqiang, HUANG Guoqin, ZHAO Qiguo (657)
Advances in Studying Mechanisms of Plant Residue Decomposition and Turnover Based on Solid-State ¹³ C Nuclear Magnetic Resonance Spectroscopy	LI Changming, WANG Xiaoyue, SUN Bo (664)
Effects of Flyash on Promoting Soil Properties and Fertility: A Review	JI Huihui, HUANG Mingli, HE Jian, YANG Fanchang, XU Rongchen, ZHANG Fengkui, YAN Dongyun (669)
Progresses in Soil Properties and Classification of Mining Soils	LU Xiao, WANG Jinman, LI Bo, BAI Zhongke (678)
Effects of Water and Nitrogen Management on Yield and Nitrogen Use Efficiency of Good Quality Hybrid Rice Jingyou 127	ZHANG Lin, XU Fuxian, XIONG Hong, JIANG Peng, ZHOU Xingbing, ZHU Yongchuan, LIU Mao, GUO Xiaoyi (684)
Comparison of Nitrogen Fertilizer Reduction with Efficiency Increase Methods in Double-rice System in Reddish Paddy Soil	WU Meng, LI Weitao, LIU Jia, LIU Ming, JIANG Chunyu, LI Zhongpei (691)
Effects of Foliar Spraying of Water Soluble Fertilizer Containing Amino Acids on Growth of Pepper and Cowpea	WANG Bei, GAO Xu, WANG Tiantian, WANG Dongsheng, XIE Yuehan, GONG Ziyu, LI Rong, SHEN Qirong (698)
Effects of Straw Potassium Replacing Chemical Potash Fertilizer in Lettuce Production	GU Shoukuan, YUAN Ting, CHEN Yi, YANG Dong, WEN Juan, XIONG Xiaoli, LI Rong, LI Zhenlun, WANG Zhengyin (705)
Effects of Different Bio-organic Fertilizers on Potato Production and Soil Biochemical Characteristics in a Continuous Cropping System	LIU Lingling, GOU Jiulan, HE Jiafang, FAN Chengwu, QIN Song (711)
Effects of Vermicompost Application Modes on Growth of Two Tomato Cultivars and Soil Fertility	TENG Mingjiao, WAN Bingbing, WANG Dongsheng, JIAO Jianguo, LIU Manqiang, CHEN Xiaoyun (718)
Distribution of Available Zinc in Tobacco-planting Soils in Wenshan and Its Influential Factors	TAN Jun, LIU Xiaoying, LI Qiang, ZHOU Jiheng, CHEN Lijuan, BIN Jun, QIU Yongjian (724)
Comparative Study on Soil Ciliates Community Structures Under Different Vegetation Types in Dinghu Mountain	WANG Chao, XU Runlin (732)
Effect of Salinity-alkalinity Stress on the Rhizosphere Soil Enzyme Activity of Camphor Seedlings	YAN Luming, GUO Xiangquan (737)
Effects of Woodland Transforming into Tea Garden on Soil Net Nitrification Rate and N ₂ O Emission	CUI Jingya, YAN Mingjuan, WU Xiaorong, WANG Shenqiang, NI Kang, CAI Zucong, ZHANG Jinbo, CHENG Yi (744)
Influence of Different Fertilization Measures on NH ₃ Volatilization and N ₂ O Emission in Salined Flavo-aquic Soil of Hetao Irrigation Area	WU Yan, HONG Mei, LIN Lilong, MEI Li, ZHANG Jianqiang (752)
Correlation Analysis of Heavy Metals Accumulation Pollution in Pig Manure and Farmland Soil	ZHAO Rui, WU Zhishu, LUO Yang, DONG Li, WANG Shunan, WANG Haibin, YU Lihuai (759)
Spatial Variation of Eight Heavy Metals in Farmland Soils and Their Accumulation in Rice Grains in Longyou Pyrite Mine, Zhejiang Province	ZHANG Aobo, CHU Xianyao, YIN Hanqin, XU Mingxing, HUANG Chunlei, SONG Mingyi (769)
Evolution of Topsoil Physical-chemical Properties After Coal Mining Subsidence in Yu-Shen-Fu Sand Covered Mining Area	DU Huadong, ZHAO Xiaoguang, ZHANG Yong, NIE Wenjie (775)
Materials Screening for Improving Moderately Salinized Soils in Hetao Irrigation Area	LIU Ruimin, YANG Shuqing, SHI Haibin, LIANG Jiancai (781)
Ions Absorption and Accumulation in Four Typical Salt-tolerant Plants in Coastal Saline Soil Region	LIU Yahui, WANG Xiuping, LIU Guangming, SUN Jianping, YAO Yutao, YANG Yahua (788)
Interpretation Model of Soil Salinity Based on Electrical Conductivity Meter of Electromagnetic Induction	LI Bing, LIU Guangming, Sulitan, CHEN Cheng, YANG Jinsong (794)
Characteristics of Clay Minerals in Soil Profiles of Jiugong Mountain	LIU Zhijie, DONG Xue, ZHANG Zhiyi, HUANG Li (802)
Infiltration Characteristics of Two Kinds of Negatively Pressurized Infiltration Devices in Different Layers of Chernozem	DING Yahui, LONG Huaiyu, WANG Peng, JIANG Yuzhou, FANG Zhenjuan (811)
Sensitivity Evaluation of Soil Salinization in Manasi River Basin Based on GIS and RS	ZHANG Tianyou, WANG Ling, HAN Yan, ZHANG Mei (818)
Discrimination of Heavy Metal Sources in Topsoil in Zhaoyuan County Based on Multivariate Statistics and Geostatistical	ZHANG Hui, ZHENG Zhizhi, YANG Huan, MA Xinpeng, WANG Juwu (827)
Taxonomy of Granite-derived Red Soils in Eastern Hunan	OUYANG Ningxiang, ZHANG Yangzhu, SHENG Hao, ZHOU Qing, HUANG Yunxiang, LIAO Chaolin, LUO Lanfang, YUAN Hong (837)
Determination and Comprehensive Evaluation of Land Use Benefit in Chaohu Basin	FAN Shuping, LIU Youzhao, CHENG Congkun, ZHANG Hongmei, ZHONG Taiyang (845)
Evaluation and Spatial-temporal Characteristics of Land Resource Ecological Security Alarm: A Case of Wanjiang City Belt	HUANG Muiyi, CHU Chu, HE Xiang (852)
Practicality Validation of Portable X-ray Fluorescence for Ex-situ Measuring Soil Heavy Metals in Laboratory	DONG Tianyu, WANG Haijiang, John A Yunger, LI Yali, REN Shaoting (857)