

中国科学引文数据库来源期刊 中国科技核心期刊

Vol.29 No.1 Feb. 2020
第29卷 第1期 2020年2月

ISSN 2095-1787
CN 35-1307/Q

生物安全学报

JOURNAL OF BIOSAFETY



ISSN 2095-1787



万方数据



主办
Sponsored by

中国植物保护学会
China Society of Plant Protection
福建省昆虫学会
Entomological Society of Fujian

JBS
www.jbscn.org
中国 · 福州
Fuzhou, China

目 次

◎ 综述论文

- 1 农药对捕食性天敌的影响研究进展 杨慧, 蒋皓天, 何恒果
8 检疫性有害生物李痘病毒生物学特性及预防控制技术 王浩, 万方浩, 于翠, 武强, 张桂芬

◎ 研究论文

- 16 利用 mtCOI PCR-RFLP 技术鉴别草地贪夜蛾与其他 3 种形态相近昆虫 孔子艺, 王鹏, 朱军生, 国栋, 迟秀丽, 孔宝玉, 胡磊, 褚栋
23 马铃薯甲虫结节性硬化复合物基因 *LdTSC1* 和 *LdTSC2* 基因的克隆及功能分析 廖兰兰, 付开贊, 常瑞, 丁新华, 何江, 吐尔逊·阿合买提, 任羽, 郭文超
31 伴生细菌在入侵种桉树枝瘿姬小蜂克服桉树抗性中的作用 寇冀蒙, 刘芳华, 刘一澎, 马玲, 鲁敏
39 二疣犀甲对油棕、椰子的风险性分析及防控策略 吕朝军, 钟宝珠, 覃伟权, 阎伟
44 警惕一种潜在的入侵性有害生物多孔曼粉蚧 刘若思, 赵晓丽, 徐森峰
48 广西凭祥口岸首次截获有害生物台湾坡天牛 *Pterolophia formosana* 马福欢, 钟勇, 白华菊, 陈展册, 李秉然
51 氮磷汇入驱动下的河流轮虫群落演替 陈星宇, 刘雨泽, 郭逍宇, 熊薇
59 安徽省外来植物入侵状况分析 芮振宇, 钟耀华, 刘姚, 张震
69 *Bt* 抗虫棉秸秆还田对土壤养分特征的影响 张富丽, 尹全, 王东, 杨晓凤, 刘文娟, 郭灵安, 雷绍荣, 宋君, 罗革

◎ 简讯

- 78 List of reviewers, 2019

封面照片：马铃薯甲虫。提供人：阿尔孜姑丽·肉孜(新疆农业大学)。

Front cover photo: *Leptinotarsa decemlineata* Say. Provided by AERZIGULI · Rouzi (Xinjiang Agricultural University).

JOURNAL OF BIOSAFETY

CONTENTS

REVIEW ARTICLE

- 1 Progress on the effects of pesticides on the predatory natural enemies.....YANG Hui, JIANG Haotian, HE Hengguo
8 Biological characteristics and techniques for prevention and management of *Plum pox virus* (sharka), a quarantine pest of stone fruits WANG Hao, WAN Fanghao, YU Cui, WU Qiang, ZHANG Guifen

RESEARCH PAPERS

- 16 Rapid differentiation of *Spodoptera furgiperda* from the other three morphologically similar species using mt-COI PCR-RFLP technique KONG Ziyi, WANG Peng, ZHU Junsheng, GUO Dong, CHI Xiuli, KONG Baoyu, HU Lei, CHU Dong
23 Cloning and functional characterization of the tuberous sclerosis complex *TSC1* and *TSC2* genes in the Colorado potato beetle, *Leptinotarsa decemlineata* LIAO Lanlan, FU Kaiyun, CHANG Rui, DING Xinhua, HE Jiang, TURSUN · Ahmat, REN Yu, GUO Wenchao
31 The associated bacteria of *Leptocybe invasa* Fisher & La Salle (Hymenoptera: Eulophidae) facilitate their host to overcome eucalyptus chemical defense KOU Jimeng, LIU Fanghua, LIU Yipeng, MA Ling, LU Min
39 Risk analysis and control strategy of *Oryctes rhinoceros* on *Elaeis guineensis* and *Cocos nucifera* LÜ Chaojun, ZHONG Baozhu, QIN Weiquan, YAN Wei
44 Precautionary analysis of a potentially invasive pest *Maconellicoccus multipori* (Takahashi, 1951) LIU Ruosi, ZHAO Xiaoli, XU Miao Feng
48 A first interception of the cerambycid *Pterolophia formosana* at Guangxi Pingxiang port MA Fuhuan, ZHONG Yong, BAI Huaju, CHEN Zhance, LI Yangran
51 Nitrogen and phosphorus inputs affect rotifer communities in rivers CHEN Xingyu, LIU Yuze, GUO Xiaoyu, XIONG Wei
59 The analysis on the alien invasive plants in Anhui Province RUI Zhenyu, ZHONG Yaohua, LIU Yao, ZHANG Zhen
69 Effects of returning *Bt* cotton straw on soil nutrient characteristics ZHANG Fulì, YIN Quan, WANG Dong, YANG Xiaofeng, LIU Wenjuan, GUO Ling'an, LEI Shaorong, SONG Jun, LUO Ping

NEWSLETTER

- 78 List of reviewers, 2019