

植物病理学报

第 50 卷 第 4 期

目 次

2020 年 8 月

病原学

- 381 云南省珠芽魔芋 (*Amorphophallus bulbifer*) 软腐病病原菌鉴定
魏环宇, 魏薇, 杨敏, 裴卫华, 赵建荣, 钟宇, 刘佳妮, 苏源, 黄飞燕, 王启宇, 胡文婷, 陈海如, 余磊
- 387 广西局地西番莲病毒病的病原鉴定及优势病毒分析
谢慧婷, 李战彪, 崔丽贤, 秦碧霞, 刘丽辉, 林珊宇, 陈锦清, 蔡健和

细胞生物学、生理学、生物化学、分子生物学

- 394 小豆 AP2/ERF 基因家族鉴定及其应答锈菌侵染的表达分析
柯希望, 张金鹏, 刘国辉, 殷丽华, 张盼盼, 曹鸣宇, 康静, 杨阳, 徐晓丹, 郭永霞, 左豫虎
- 405 基于全转录组分析的苹果苦痘病发生机制初步研究
余贤美, 王金政, 薛晓敏, 陈汝, 聂佩显, 王贵平, 韩雪平
- 420 本氏烟柯浩体蛋白基因全长克隆及其功能预测
郭小因, 李阳, 谢理, 郑璐平

致病性与抗病性遗传

- 426 中国特有的 3 个普通小麦亚种抗条锈病评价及其抗性基因分子检测
李菁, 姚方杰, 龙黎, 王昱琦, 叶雪玲, 邓梅, 蒋云峰, 李伟, 江千涛, 康厚扬, 陈国跃
- 442 西葫芦环斑病病原鉴定及葫芦科作物对西瓜花叶病毒抗性筛选
冀树嫻, 吴雨洪, 郝征, 王美加, 李向东, 田延平

植物病害及其防治

- 450 三七根腐病田间分级标准研究及评价
李迎宾, 刘屹湘, 朱书生, 罗来鑫, 李健强
- 462 乙烯信号参与调控水稻纹枯病抗性的研究
薛芴, 冯志明, 曹文磊, 王雨, 陈宗祥, 马玉银, 张亚芳, 潘学彪, 左示敏
- 471 阴沟肠杆菌 MY01 的鉴定及防治水稻细菌性条斑病研究
王彦芳, 杨俊, 代真林, 魏兰芳, 姬广海

实验方法

- 479 快速灵敏的甘蔗线条花叶病毒免疫学检测体系的建立(英文)
张坤, 陈春峰, 徐红梅, 陈佳欢, 陈雯, 贺振

研究简报

- 489 油梨苗期黑茎病病原菌的鉴定
仇芳, 徐刚, 谢昌平, 李希, 郑妃庆, 缪卫国
- 494 宁夏设施番茄病毒病病原鉴定
邓杰, 王炜哲, 杨璐嘉, 马占鸿
- 499 竹花叶病毒浙江麻竹分离物全基因组序列及 siRNA 分析
费莉玢, 侯盼盼, 曹友志, 姚佳越, 苏秀, 马良进
- 505 甘薯病毒 2 中国分离物全基因组序列克隆及遗传进化分析
秦艳红, 乔奇, 王爽, 张德胜, 王永江, 田雨婷, 张振臣

封面照片的注释见冀树嫻等的文章(444 页)。

ETIOLOGY

- 381 Identification of a soft rot disease pathogen of *Amorphophallus bulbifer* in Yunnan Province

WEI Huan-yu, WEI Wei, YANG Min, PEI Wei-hua, ZHAO Jian-rong, ZHONG Yu, LIU Jia-ni, SU Yuan, HUANG Fei-yan, WANG Qi-yu, HU Wen-ting, CHEN Hai-ru, YU Lei

- 387 Identification of pathogens and analysis of the dominant viruses of passion fruit virus disease in some areas of Guangxi

XIE Hui-ting, LI Zhan-biao, CUI Li-xian, QIN Bi-xia, LIU Li-hui, LIN Shan-yu, CHEN Jin-qing, CAI Jian-he

CELL BIOLOGY, PHYSIOLOGY, BIOCHEMISTRY, AND MOLECULAR BIOLOGY

- 394 Identification of Adzuki bean AP2/ERF gene family and expression analysis in response to rust infection

KE Xi-wang, ZHANG Jin-peng, LIU Guo-hui, YIN Li-hua, ZHANG Pan-pan, CAO Ming-yu, KANG Jing, YANG Yang, XU Xiao-dan, GUO Yong-xia, ZUO Yu-hu

- 405 Preliminary studies on the mechanism of bitter pit in apple based on whole-transcriptomic sequencing analysis

YU Xian-mei, WANG Jin-zheng, XUE Xiao-min, CHEN Ru, NIE Pei-xian, WANG Gui-ping, HAN Xue-ping

- 420 The full-length cloning and functional prediction of *Nicotiana benthamiana* cajal body protein

GUO Xiao-nan, LI Yang, XIE Li, ZHENG Lu-ping

GENETICS OF DISEASE-RESISTANCE AND PATHOGENICITY

- 426 Evaluation and molecular detection of stripe rust resistance in three subspecies of Chinese endemic wheat

LI Jing, YAO Fang-jie, LONG Li, WANG Yu-qi, YE Xue-ling, DENG Mei, JIANG Yun-feng, LI Wei, JIANG Qian-tao, KANG Hou-yang, CHEN Guo-yue

- 442 Identification of pathogen causing zucchini ring-spot disease and screening of resistant varieties

JI Shu-xian, WU Yu-hong, XI Zheng, WANG Mei-jia,

LI Xiang-dong, TIAN Yan-ping

PLANT DISEASE AND CONTROL

- 450 Grading system for *Panax notoginseng* root rot disease

LI Ying-bin, LIU Yi-xiang, ZHU Shu-sheng, LUO Lai-xin, LI Jian-qiang

- 462 A study on ethylene signaling involving in regulating resistance to rice sheath blight

XUE Xiang, FENG Zhi-ming, CAO Wen-lei, WANG Yu, CHEN Zong-xiang, MA Yu-yin, ZHANG Ya-fang, PAN Xue-biao, ZUO Shi-min

- 471 Identification of *Enterobacter cloacae* MY01 and prevention of bacterial leaf streak

WANG Yan-fang, YANG Jun, DAI Zhen-lin, WEI Lan-fang, JI Guang-hai

EXPERIMENTAL METHOD

- 479 Rapid and Sensitive Identification of the SCSMV-infected Sugarcane Based on Immuno-detections (English)

ZHANG Kun, CHEN Chun-feng, XU Hong-mei, CHEN Jia-huan, CHEN Wen, HE Zhen

RESEARCH NOTES

- 489 Identification of the pathogen causing black-stem on avocado (*Persea americana*) seedling

QIU Fang, XU Gang, XIE Chang-ping, LI Xi, ZHENG Fei-qing, MIAO Wei-guo

- 494 Identification of the viral pathogens infecting tomato in Ningxia

DENG Jie, WANG Wei-zhe, YANG Lu-jia, MA Zhan-hong

- 499 Complete genome sequence and siRNAs analysis of bamboo mosaic virus isolates from *Dendrocalamus latiflorus* in Zhejiang province, China

FEI Li-bin, HOU Pan-pan, CAO You-zhi, YAO Jia-yue, SU Xiu, MA Liang-jin

- 505 Complete nucleotide sequence and phylogenetic analysis of the sweet potato virus 2 isolated from China

QIN Yan-hong, QIAO Qi, WANG Shuang, ZHANG De-sheng, WANG Yong-jiang, TIAN Yu-ting, ZHANG Zhen-chen