

热带生物学报
JOURNAL OF TROPICAL
BIOLOGY

(2010 年创刊,季刊)

主办单位: 海南大学

4
2017
第 8 卷

主 编: 罗启香
编 辑: 钟云芳
叶 静
潘学峰
英文编辑: 周建南
封面设计: 蒋源木

封面图片: 木薯 (*Manihot Esculenta* Cra-
ntz) 见本刊第 409 页,黄树昌等的文章。

目 次

· 研究报告 ·

- 马氏珠母贝硫酸软骨素合成酶 1 基因的生物矿化功能
..... 衣雪洁, 张 华, 何毛贤(377)
- 卵形鲳鲹鱼种大型网箱阶梯式中间培育技术
..... 林 川,王小兵, 黄 海(383)
- 旱季黎安湾浮游动物群落短期变化的特征
..... 陈 新,王超超,卓 文,刘秋好,唐 敏(390)
- 外加碳源对珊瑚养殖系统水质的影响
..... 周 智,刘洁若,王林桂,唐 佳,倪兴振(399)
- 臭氧—紫外线组合对净化近江牡蛎大肠菌群及细菌总数的灭菌效果
..... 林 清,马庆涛,李春晓,陈楷亮,许晓能(404)
- 木薯 *MeHDS09* 基因克隆及其对逆境信号的响应
..... 王树昌,于晓玲,李淑霞,阮孟斌,彭 明(409)
- 番木瓜 eIF4E 家族蛋白的亚细胞定位
..... 熊 越,沈文涛,虞德财,黎小瑛,言 普,周 鹏(415)
- 不同激素配比对南非叶茎愈伤组织诱导的影响
..... 黄 伟,黎秀琼,刘 娇,魏 青,吴金山(419)
- 诺丽内生真菌的分离鉴定及其次生代谢产物的抗氧化活性
..... 马文婷,吴友根,胡征波,张军锋,于 靖(424)
- 皱瘤海鞘被囊多肽的抗氧化活性
..... 毛楷林,林 芳,徐 腾,余作挺,周海龙(431)
- 五指山自然保护区不同坡向和海拔的乔木群落物种分布格局
... 卓书辉,胡 能,陈 康,李佳灵,尹为治,黄良鸿,龙文兴(436)
- 海南鹦哥岭广东松(*Pinus kwangtungensis*) 群落优势种群的生态位
..... 吴庭天,张 凯,杨小波,龙 成,岑举人,李东海(444)
- 淀粉黄原酸盐对炭黑/天然橡胶复合材料的结构及动态性能的影响
..... 游建华,卢秋余,闵笑宇,吴 杰,罗文杰,林 华,汪志芬(453)
- 技术方法 ·
- 白木香天然虫漏和人工砍伤所产沉香的 GC-MS 分析
..... 王宇光,王 军,杨锦玲,梅文莉,戴好富(459)
- 考夫曼网柄牛肝菌子实体的化学成分
.....
王 林,孔凡栋,马青云,黄圣卓,周丽曼,谢晴宜,丁 琼,赵友兴(466)
- 文献综述 ·
- 柑橘病害名录 陆 英,漆艳香,喻群芳,杨 毅(474)
- 亚致死剂量杀虫剂与昆虫免疫反应的研究进展
..... 林珠凤,吉训聪,梁延坡,赵海燕,陈海燕(482)
- 木层孔菌属真菌的化学成分及其生物活性的研究进展
..... 李 冉,马青云,孔凡栋,谢晴宜,丁 琼,赵友兴(488)

JOURNAL OF TROPICAL BIOLOGY

(Quarterly)

Vol. 8 No. 4 Dec. 2017

Contents

• Research reports •

- Biom mineralization Function of *ChSy-I* in Pearl Oyster *Pinctada fucata*
..... YI Xuejie, ZHANG Hua, HE Maoxian(377)
- The Stepwise Intermediate Culture of *Trachinotus ovatus* Fingerlings in Large Cage
..... LIN Chun, WANG Xiaobing, HUANG Hai(383)
- Short-term Temporal Variation of Zooplankton Communities during Dry Season in Lián Lagoon, Hainan
..... CHEN Xin, WANG Chaochao, ZHUO Wen, LIU Qiuyu, TANG Min(390)
- Effect of External Carbon Source on the Water Quality of Coral Aquaculture System
..... ZHOU Zhi, LIU Jieruo, WANG Lingui, TANG Jia, NI Xingzhen(399)
- Effect of Combined Ozone –Ultraviolet on the Total Colony Count and the Coliform Group in
Crassostrea rivularis LIN Qing, MA Qingtao, LI Chunxiao, XU Xiaoneng(404)
- Cloning and Expression Analysis of *MeHDS09* Gene Related to Abiotic Stress Signals in Cassava
..... WANG Shuchang, YU Xiaoling, LI Shuxia, RUAN Mengbin, PENG Ming(409)
- Subcellular Localization of eIF4E Family Proteins in Papaya
..... XIONG Yue, SHEN Wentao, TUO Decai, LI Xiaoying, YAN Pu, ZHOU Peng(415)
- Effects of Different Hormone Combinations on Callus Inducing of Shoot Explant from Bitter Leaf
(*Vernonia amygdallina* Del) HUANG Wei, LI Xiuqiong, LIU Jiao, WEI Qing, WU Jinshan(419)
- Antioxidant Activity of Secondary Metabolites from the Endophytic Fungus Isolated and Identified from
Noni (*Morinda Citrifolia* Linn.)
..... MA Wenting, WU Yougen, HU Zhengbo, ZHANG Jufeng, YU Jing(424)
- Antioxidative Activity of Polypeptides Extracted from *Styela plicata* Tunic
..... MAO Kailin, LIN Fang, XU Teng, YU Zuoting, ZHOU Hailong(431)
- Species Distribution Pattern of Tree Plant Communities on Different Slopes and Altitudes in the Wuzhishan
Nature Reserve ZHUO Shuhui, HU Neng, CHEN Kang, LI Jialing, YIN Weizhi,
HUANG Lianghong, LONG Wenxing(436)
- Niche Characteristics of Dominant populations in *Pinus kwangtungensis* Community in Hainan
..... WU Tingtian, ZHANG Kai, YANG Xiaobo, LONG Cheng, CEN Juren, LI Donghai(444)
- Effect of Starch Xanthates on Structure and Dynamic Properties of Carbon Black/Natural Rubber Composites
..... YOU Jianhua, LU Qiuyu, MIN Xiaoyu, WU Jie, LUO Wenjie, LIN Hua, WANG Zhifen(453)
- ### • Technical methods •
- GC-MS Analysis of the Agarwood Induced by Insects and Chopping
..... WANG Yuguang, WANG Jun, YANG Jinling, MEI Wenli, DAI Haofu(459)
- Analysis of Chemical Constituents from the Fruiting Bodies of *Retiboletus kauffmanii*
..... WANG Lin, KONG Fandong, MA Qingyun, HUANG Shengzhuo,
ZHOU Liman, XIE Qingyi, DING Qiong, ZHAO Youxing(466)
- ### • Literature reviews •
- A List of Diseases on Citrus in Mainland China LU Ying, QI Yanxiang, YU Qunfang, YANG Yi(474)
- Research Advances on Sub-lethal Dose of Insecticides and Insect Immune Response
..... LIN Zhufeng, JI Xuncong, LIANGYanpo, ZHAO Haiyan, CHEN Haiyan(482)
- Research Advances in Chemical Constituents and Bioactivity of *Phellinus* spp.
..... LI Ran, MA Qingyun, KONG Fandong, XIE Qingyi, DING Qiong, ZHAO Youxing(488)