

湖北省优秀期刊

全国优秀高校自然科学学报

全国综合性科学技术类核心期刊

ISSN 1000-2375

CODEN HDXZEM

湖北大学 学报

自然科学版

JOURNAL OF HUBEI UNIVERSITY
NATURAL SCIENCE



2

2014

HUBEI DAXUE XUEBAO
ZIRAN KEXUE BAN

第36卷 第2期
Vol.36 No.2

钉螺血防生态研究专栏

湖北钉螺(*Oncomelania hupensis*)对光照的感觉反应

..... 柯文山,陈玺,陈婧,王万贤,袁莉,王美玲,陈文华(103)

Senory reaction of *Oncomelania hupensis* to light

..... KE Wenshan, CHEN Xi, CHEN Jing, WANG Wanxian,
YUAN Li, WANG Meiling, CHEN Wenhua

蛇床子总香豆素的杀螺活性研究 吴明煜,柯文山,刘旭,黄丽陶,王万贤,郭晓红(106)

Molluscicidal effect of total coumarin of *Cnidium monnieri* on *Oncomelania hupensis*

..... WU Mingyu, KE Wenshan, LIU Xu, HUANG Litao, WANG Wanxian, GUO Xiaohong

食物对湖北钉螺(*Oncomelania hupensis*)发育繁殖的影响

..... 陈婧,陈玺,柯文山,王万贤,袁莉,王美玲,赵佩奇,陈文华(110)

Effects of food on development and reproduction of *Oncomelania hupensis*

..... CHEN Jing, CHEN Xi, KE Wenshan, WANG Wanxian,
YUAN Li, WANG Meiling, ZHAO Peiqi, CHEN Wenhua

湖北钉螺交配行为的信息素传递研究 陈玺,陈婧,柯文山,王万贤,袁莉,吴海萍,陈博,陈文华(114)

Study on pheromone delivering in *Oncomelania hupensis* mating

..... CHEN Xi, CHEN Jing, KE Wenshan, WANG Wanxian,
YUAN Li, WU Haiping, CHEN Bo, CHEN Wenhua

化学检测分析专栏

UPLC-MS/MS 法同时测定川黄口服液中的 5 种有效成分 岑卫健,朱平川,范晓苏,莫琪红(119)

Simultaneous determination of five effective components in Chuanhuang oral liquid by ultra performance liquid chromatography with tandem mass spectrometry

..... CEN Weijian, ZHU Pingchuan, FAN Xiaosu, MO Qihong

2014年3月5日出版

目次

- 液质联用法分析王老吉凉茶中的3种有效成分 朱平川,岑卫健,范晓苏(123)
Simultaneous determination of three effective components in Wanglaoji cool tea by ultra performance
liquid chromatography and tandem mass spectroscopy
..... ZHU Pingchuan, CEN Weijian, FAN Xiaosu
- 毛细管区带电泳测定两种生物碱与牛血清白蛋白的结合常数研究 霍鹏,朱平川,徐远金(127)
Determination of the binding constants of two alkaloid compounds with bovine serum albumin by
capillary zone electrophoresis HUO Peng, ZHU Pingchuan, XU Yuanjin
- 季铵盐类农药残留检测前处理研究 张庆庆,王燕燕,孟品佳(132)
Recent development of quaternary ammonium salts pesticide residue pre-treatment
..... ZHANG Qingqing, WANG Yanyan, MENG Pinjia

化学与材料科学

- 单分散窄分布 PMMA 微球的制备工艺研究 江学良,王维,杨浩,孙刚,任军(138)
Research on preparation of monodisperse and narrow distribution PMMA microspheres
..... JIANG Xueliang, WANG Wei, YANG Hao, SUN Gang, REN Jun
- 双层钛酸锶钡陶瓷的制备与研究 屈少华,舒明飞,曹万强(143)
Preparation and research of double-layer Barium Strontium Titanate ceramics
..... QU Shaohua, SHU Mingfei, CAO Wanqiang
- 三维多孔锂电池材料合成模板剂聚甲基丙烯酸甲酯(PMMA)微球的制备研究
..... 华丽,谢厚鹏,戴伟,李颖蕻,邵玉娇,戴月(148)
Research on the preparation of polymethyl methacrylate(PMMA) microspheres as a template to
synthesize three-dimensional multiporous lithium battery electrode materials
..... HUA Li, XIE Houpeng, DAI Wei, LI Jinghong, SHAO Yujiao, DAI Yue
- AuCrS₂材料的第一性原理研究 杨辉,黄忠兵(154)
First-principles studies of AuCrS₂ YANG Hui, HUANG Zhongbing
- Ag 纳米颗粒修饰 TiO₂阵列薄膜的制备及其气敏性能研究 尚飞鹏,郭美澜,夏晓红,高云(158)
Study of gas-sensing properties of nanorod arrays TiO₂ thin films modified by nano Ag particles
..... SHANG Feipeng, GUO Meilan, XIA Xiaohong, GAO Yun

本期执行编辑:胡小洋

CONTENTS

Journal of Hubei University
Natural Science

数学与计算机科学

- 基于动态阈值图像分割法的人脸识别技术研究 王彦(162)
The study of face recognition technology based on dynamic threshold image segmentation method
..... WANG Yan
- 一类解析函数类的凸性 李小飞,熊良鹏(166)
On the convexity of certain subclass of analytic functions LI Xiaofei,XIONG Liangpeng
- 广义复空间形式中具有平行平均曲率向量场的子流形 杜锋,张明波(170)
Submanifolds of generalized complex space forms with parallel mean curvature vectoy fields
..... DU Feng,ZHANG Mingbo
- 具有公共顾客的两个学生食堂最优供应模型研究 安树庭,秦文钊,顾恩国(175)
Optimal supply model research of two student cafeterias with common customers
..... AN Shuting,QIN Wenzhao,GU Enguo
- 基于 MLP 传感器的非线性校正 李如发,卢文科(181)
The non-linear correction based on MLP sensor LI Rufa,LU Wenke
- 基于时空相关的传感器网络汇聚查询算法 王雷春,李艳梅,周国玉(185)
A spatial-temporal correlation based aggregation query algorithm for wireless sensor networks
..... WANG Leichun,LI Yanmei,ZHOU Guoyu
- 基于 3D Max 的校园场景可视化的设计与实现 曾影,张雪松,单莉(190)
Design and implement of campus scene visulization based on 3D Max
..... ZENG Ying,ZHANG Xuesong,SHAN Li



湖北大学学报 自然科学版

1975年创刊 双月刊 公开发行

主管单位 湖北省教育厅
主办单位 湖北大学
编辑出版 湖北大学学报编辑部 (武汉市武昌区友谊大道368号)
邮政编码:430062 电话:86-027-88663900
E-mail:hdxzbzkb@163.com
http://xb.hubu.edu.cn

主 编 王世敏
常务副主编 陈道德
印刷装订 湖北恒泰印务有限公司
国内发行 湖北省邮政局
国内订购 全国各地邮政局(所)
国外发行 中国国际图书贸易总公司
(北京399信箱 邮政编码:100044)

Supervisor Hubei Provincial Department of Education, China
Sponsor Hubei University, China
Edited and Published by Editorial Department of
the Journal of Hubei University
(368 Youyi Avenue, Wuchang, Wuhan 430062, China)
Tel: 86-027-88663900 E-mail: hdxzbzkb@163.com
http://xb.hubu.edu.cn

Editor-in-chief WANG Shimin
Managing Deputy Editor-in-chief CHEN Daode
Distributed by China International Book Trading Corporation
(P. O. Box 399, Beijing, 100044, China)
Code No. Q5777

刊号: ISSN 1000-2375
CN42-1212/N

邮发代号: 国内 38-45
国外 Q5777

国内定价: 10.00元/期
60.00元/年

ISSN 1000-2375



03>

9 771000 237147