

目 次

• 专家特稿 •

- 药用磷酸质量标准对比分析及其标准提高研究 刘 红, 李 丹, 莫 婷,
王 苗, 谢 玲, 邓 斌, 潘红春 (001)

• 农业科学 •

- 大黄鱼(*Larimichthys crocea*)浙江岱衢族养殖群体与福建闽—粤东族群体遗传
多样性分析 刘 洋, 武祥伟, 吴雄飞, 薛良义, 肖世俊, 王志勇 (006)
- 西南林区 3 株外生菌根真菌对酸铝胁迫的营养响应与抗铝性 吴雪莲, 周 倩,
辜夕容, 万宇轩, 毛文韬, 宋 影, 曾清苹 (013)
- Sunfan 叶绿素及荧光参数对矮壮素的响应 李 源, 何丙辉, 黄小辉,
毛文韬, 于 传, 秦华军, 曾清苹, 苏健波 (020)
- 黄板对柑橘粉虱成虫的诱集作用和控制效果 王邦祥, 刘浩强,
陈 飞, 李鸿筠, 丛 林, 冉 春 (028)
- 振动理条频率对针形名茶品质影响研究 罗红玉, 吴 全, 钟应富,
袁林颖, 张 莹, 杨 娟, 邬秀宏 (033)
- 轮作对三七连作障碍的消减效应研究 张子龙, 李凯明, 杨建忠,
缪作清, 李世东, 侯俊玲, 王文全 (039)

• 生命科学 •

- 球孢白僵菌 Bb1287 菌株对扶桑绵粉蚧毒力的测定 袁盛勇, 孔 琼, 薛春丽,
沈登荣, 张宏瑞, 陈 斌, 何 超 (047)
- 4 种鲤科鱼类的化学组成和能量密度随体质量的变化 何定聪, 刘书婷,
李 格, 谢 航, 罗毅平 (053)

• 数理科学与化学 •

- 关于亚 Abel 的或超可解的有理群 郭继东, 任永才, 张志让 (059)
- 关于 (m, n) -主弱平坦序 S -系 乔虎生, 陈小飞 (065)
- 一类包含 Smarandache 函数的条件方程的可解性问题 陈 斌 (071)

一类含有 p 次幂的 Volterra-Fredholm 型非线性迭代积分不等式 ... 卢钰松, 王五生 (076)

一类次线性奇异 Neumann 问题正基态解的存在性 廖家锋, 张 鹏, 陈 明 (081)

偏 b -度量空间中的公共不动点定理 李 健, 邓 磊 (087)

射影 Ricci 曲率及其射影不变性 程新跃, 马小玉, 沈玉玲 (092)

• 经济研究 •

中小企业减排技术协同创新策略研究 陈 勇, 黄 波 (097)

• 地球与环境科学 •

大田生产服务提供风险评价及化解研究

——基于四川省、湖南省、河南省、山东省四省的问卷调查 耿 黎 (105)

城镇化进程中产业结构效益的优化

——以重庆市为例 侯 锐, 涂建军, 贾林瑞, 杨权伍, 周雪蓉 (112)

新疆县域产业结构时空格局演化分析 闫人华, 杨 铭, 熊黑钢, 陈肖飞 (117)

重庆市城镇社区体育公共服务满意度维度构建及现状研究 陈丽娟, 郭立亚, 罗 炯 (125)

• 信息科学 •

基于 Kinect 传感器的动态手势实时识别 刘 瑶, 余 旭, 黄智兴 (132)

一种基于 Chebyshev 正交多项式的卡尔曼滤波器 靳宗信, 樊红娟 (138)

• 心理学 •

社会认知基本维度中文形容词词库的建立 韩梦霏, Oscar Ybarra, 毕重增 (144)

家庭因素对青少年阳光体育运动行为结果的影响研究 刘 斌, 郭立亚 (149)

• 工程技术 •

基于 GPS 浮动车数据的交通信息时空分布研究 沈敬伟, 周廷刚, 朱晓波 (157)

古塔的变形问题研究 伍 亿 (163)

圆形和方形双斜向流线型内肋管内对流换热的数值模拟与分析 徐承隆, 刘伟军, 胡伟平 (169)

鸭嘴式玉米点播装置的设计与试验 蒋光兵, 吴海兵, 邓 莹, 王林凤, 蒋 猛 (176)

JOURNAL OF SOUTHWEST UNIVERSITY

(NATURAL SCIENCE EDITION)

Vol. 37 No. 8

Total No. 248

Aug. 20, 2015

CONTENTS

Comparison and Improvement of the Quality Standards for Pharmaceutical

Phosphoric Acid LIU Hong, LI Dan, MO Ting,
WANG Miao, XIE Ling, DENG Bin, PAN Hong-chun (001)

Analysis of Genetic Diversity in Cultured Populations of DaiQu and Min-Yue Groups of

Larimichthys crocea LIU Yang, WU Xiang-wei, WU Xiong-fei,
XUE Liang-yi, XIAO Shi-jun, WANG Zhi-yong (006)

Resistance and Nutritional Response to Aluminum Toxicity of Three Ectomycorrhizal

Fungi from Forest Soils in Southwest China ... WU Xue-lian, ZHOU Qian, GU Xi-rong,
WAN Yu-xuan, MAO Wen-tao, SONG Ying, ZENG Qing-ping (013)

Response of *Chlorophyll* and *Chlorophyll* Fluorescence Parameters of *Scaevola aemula*

‘Sunfan’ to *Chlorocholine Chloride* LI Yuan, HE Bing-hui, HUANG Xiao-hui,
MAO Wen-tao, YU Chuan, QIN Hua-jun, ZENG Qing-ping, SU Jian-bo (020)

Trap Catches and Control Efficiency of Yellow Sticky Traps Against *Dialeurodes citri*

(Homoptera: Aleyrodidae) Adults WANG Bang-xiang, LIU Hao-qiang,
CHEN Fei, LI Hong-jun, CONG Lin, RAN Chun (028)

Study on the Effects of Vibration Shaping Frequency on the Quality of Needle-Shaped

Famous Green Tea LUO Hong-yu, WU Quan, ZHONG Ying-fu,
YUAN Lin-ying, ZHANG Ying, YANG Juan, WU Xiu-hong (033)

Effects of Crop Rotation for Reducing Continuous Cropping Obstacles in

Panax notoginseng Cultivation ZHANG Zi-long, LI Kai-ming, YANG Jian-zhong,
MIU Zuo-qing, LI Shi-dong, HOU Jun-ling, WANG Wen-quan (039)

Determination of Virulence of *Beauveria bassiana* Bb1287 to *Phenacoccus solenopsis* Tinsley

..... YUAN Sheng-yong, KONG Qiong, XUE Chun-li,
SHEN Deng-rong, ZHANG Hong-rui, CHEN Bin, HE Chao (047)

The Chemical Composition and Energy Density in Four Species of Cyprinidae Fish with

Different Body Size ... HE Ding-cong, LIU Shu-ting, LI Ge, XIE Hang, LUO Yi-ping (053)

About Metabelian or Supersolvable Rational Groups GUO Ji-dong,

REN Yong-cai, ZHANG Zhi-rang (059)

On (m, n) -Principally Weakly Flat S -Posets QIAO Hu-sheng, CHEN Xiao-fei (065)

On the Solvability Problem of a Class of Condition Equations Involving the Smarandache Function	CHEN Bin (071)
A Class of Volterra-Fredholm-Type Nonlinear Iterated Integral Inequalities with p Power	LU Yu-song, WANG Wu-sheng (076)
Existence of a Positive Ground State Solution for a Class of Singular Sublinear Neumann Problems	LIAO Jia-feng, ZHANG Peng, CHEN Ming (081)
Common Fixed Point Theorems in Partial b -Metric Spaces	LI Jian, DENG Lei (087)
Projective Ricci Curvature and Its Projective Invariance	CHENG Xin-yue, MA Xiao-yu, SHEN Yu-ling (092)
Research on the Policy of SMEs' Cooperative Emission Reduction Innovation	CHEN Yong, HUANG Bo (097)
Risk Assessment and Mitigation of Service Supply for Field Crop Production	GENG Li (105)
Optimization of Industrial Structure Benefit in the Process of Urbanization ——A Case Study of Chongqing Municipality	HOU Rui, TU Jian-jun, JIA Lin-rui, YANG Quan-wu, ZHOU Xue-rong (112)
The Evolution of Spatial-Temporal Pattern of Industrial Structure in Xinjiang at the County Level	YAN Ren-hua, YANG Ming, XIONG Hei-gang, CHEN Xiao-fei (117)
A Research of the Status Quo of Satisfaction of Urban Residents in Chongqing for Sports Public Service and Its Dimension Construction	CHEN Li-juan, GUO Li-ya, LUO Jiong (125)
Real-Time Dynamic Hand Gesture Recognition Based on Kinect Sensor	LIU Yao, YU Xu, HUANG Zhi-xing (132)
A Kalman Filter Based on the Chebyshev Orthogonal Polynomial	JIN Zong-xin, FAN Hong-juan (138)
The Establishment of a Chinese Adjective Word System for Fundamental Dimensions of Social Cognition	HAN Meng-fei, Oscar Ybarra, BI Chong-zeng (144)
The Effect of Family Factors on the Results of Juvenile Sunshine Sports Behavior	LIU Bin, GUO Li-ya (149)
On the Spatial and Temporal Distribution of Traffic Information Based on GPS Floating Car Data	SHEN Jing-wei, ZHOU Ting-gang, ZHU Xiao-bo (157)
Study on Deformation of an Ancient Tower	WU Yi (163)
Numerical Simulation and Analysis of the Convection Heat Transfer in Circular and Square Double-Inclined Streamline Ribs (DISR) Tubes	XU Cheng-long, LIU Wei-jun, HU Wei-ping (169)
Design and Experiment of a Duckbill-Type Device for Dibbling Corn	JIANG Guang-bing, WU Hai-bing, DENG Ying, WANG Lin-feng, JIANG Meng (176)