

佛山科学技术学院学报

(自然科学版)

2016年1月 第34卷第1期(总第159期)

目次

• 园艺产品保鲜 • (本栏目特邀主持人: 刘晓辉教授)

- 黄皮复合果汁的保鲜研究 刘晓辉, 杨明, 麦桂婉 (1)
多元香蕉果酱的研制与保鲜 杨明, 刘晓辉, 文素珍 (8)

• 农业与生物技术 •

- 不同青茄生长发育与品质特性研究 曹毅, 张恒, 张梓洁 (12)
食荚豌豆品种比较试验 萧洪东, 陈昌龙, 陈雄, 等 (16)
南方豆科绿肥植物资源及园林应用研究 江生泉, 涂清芳, 贾雪晴 (19)
鱼类血液白细胞的分类计数 徐嘉雯, 龙天澄, 宁曦, 等 (23)
中药治疗湿疹的门诊处方分析 徐昆浩, 卢碧玉, 吴利, 等 (27)

• 数理科学 •

- 运输商参与下的供应链利润共享模型 赵明, 张雁 (30)
原子费米气体附近 BCS-BEC 过渡区 Ginzburg-Landau 方程组稳态解的存在性 蓝丽红, 金玲玉 (35)
关于两个三角函数平均的不等式 何灯, 李云杰, 郭晓辉 (40)

• 环境科学 •

- 城市污染河涌沉积物中重金属的 AVS 归一化研究 宋宪强, 梁钊雄 (45)
基于协同理论的区域旅游发展研究——以福建省南平市为例 吴剑豪 (50)

• 信息科学 •

- 一种改进的 LZ77 无损数据压缩算法设计 张永棠 (57)
校园事故定位报警系统的设计与实现 徐瑞华 (62)
基于 Android 与 Webservice 的危废转移管理系统的设计与实现 张弓 (68)

• 机电与自动化 •

- 基于热-流耦合的等离子割炬电极结构分析 王仲勋, 施乐军 (74)
变压器容量测试分析与试验 区建腾 (78)
高压电缆本体在线监测系统的配置探讨 吴秀球 (83)

• 体育 •

- 佛山市老年人体育健身特点及其对健康储蓄促进的研究 林昭绒, 刘永峰, 黄丹, 等 (88)
对高校排球运动发展战略的探讨 雷铁柱 (94)

本期执行编辑: 周绍纛

责任校对: 杜海航

英文译校: 梁燕云

期刊基本参数: CN44-1438/N * 1983 * b * A4 * 96 * zh * P * ¥5.00 * 1000 * 20 * 2016-1

JOURNAL OF FOSHAN UNIVERSITY

(Natural Science Edition)

Vol. 34 No. 1 (Sum No. 159) Jan. 2016

CONTENTS

• Horticultural Product Preservation •

- Study on the preservation of wampee compound juice.....LIU Xiao-hui, YANG Ming, MAI Gui-wan (1)
Multiple development of banana jam and fresh-keeping.....YANG Ming, LIU Xiao-hui, WEN Su-zhen (8)

• Agriculture and Biotechnology •

- Research on growth and development and quality characteristics of different green eggplant
.....CAO Yi, ZHANG Heng, ZHANG Zhi-jie (12)
Introduction experiment of several kinds of pea.....XIAO Hong-dong, CHEN Chang-long, CHEN Xiong, et al (16)
Studies on resources and landscape application of leguminous green manure plant in South China
.....JIANG Sheng-guan, TU Qing-fang, JIA Xue-qing (19)
Differential white blood cell count of fishes.....XU Jia-wen, LONG Tian-cheng, NING Xi, et al (23)
Prescription analysis of outpatient on Traditional Chinese Medicine curing eczema
.....XU Kun-hao, LU Bi-yu, WU li, et al (27)

• Mathematic Science •

- Profit sharing model with a transporter involved.....ZHAO Ming, ZHANG Yan (30)
Stationary solutions for a Ginzburg-Landau system with atomic Fermi-gases near the BCS-BEC crossover
.....LAN Li-hong, JIN Ling-yu (35)
Inequality of two trigonometric means.....HE Deng, LI Yun-jie, GUO Xiao-hui (40)

• Environmental Science •

- Research on acid volatile sulfide (AVS) and simultaneously extracted metals (SEM)
in sediments of polluted urban river.....SONG Xian-qiang, LIANG Zhao-xiong (45)
The development of regional tourism based on synergy theory
——a case study of Nanping City, Fujian Province.....WU Jian-hao (50)

• Information Science •

- An improved LZ77 lossless data compression algorithm design.....ZHANG Yong-tang (57)
Design and implementation of the campus accident positioning alarm system.....XU Rui-hua (62)
The research and design of the hazardous waste transfer system based on the Android and Webservice
.....ZHANG Gong (68)

• Electromechanics and Automation •

- Analysis on plasma cutting gun electrode based on heat-fluid coupled research
.....WANG Zhong-xun, SHI Le-jun (74)
Transformer capacity test analysis and test.....OU Jian-teng (78)
Discussion on configuration of online monitoring system for high voltage cable.....WU Xiu-qiu (83)

• Physical Science •

- Foshan city elderly fitness behavior characteristics and its fitness
for the promotion of health savings.....LIN Zhao-rong, LIU Yong-feng, HUANG Dan, et al (88)
Discussion on development strategy of college volleyball.....LEI Tie-zhu (94)