

目 次

· 农业科学 ·

- 专用缓释肥料对黄瓜产量品质及 N,P,K 养分吸收利用的影响 李彦华, 孙立飞,
徐卫红, 王崇力, 熊仕娟, 陈序根, 陈永勤, 迟荪琳, 谢文文, 王正银, 谢德体 (001)
- 青蒿多糖对小鼠血清中 IL-1 β , IL-2, IL-6, IFN- γ 水平的影响 帅学宏,
陈吉轩, 施 君, 黄庆洲, 伍 莉 (011)
- 成年银杏雌雄株非花果期形态学差异性比较分析 陈 珂,
刘霁瑶, 蒋园园, 杨晓红 (017)
- 石漠化地区生态桑林根际土壤微生物资源多样性研究 段倩倩, 杨晓红, 黄先智 (025)
- 人源类金属硫蛋白能促进番茄幼苗对锌的积累 宋小梅, 陈梦莹,
秦小冬, 金新开, 李金华, 潘 宇, 苏承刚, 张兴国 (030)
- 树形对龙安柚叶片生理状况及果实品质的影响 李荣飞, 张抗萍,
何 桥, 梁国鲁, 陆智明, 胡 涛, 易佑文, 郭启高 (036)
- 密度与氮量对复种油菜土壤肥力性状的影响 杨瑞吉 (044)
- 叶面施硒对水稻各生育期镉汞吸收的影响 张 璐, 周鑫斌, 苏婷婷 (050)

· 生命科学 ·

- 缙云山国家级自然保护区入侵植物风险评估及防控对策研究
..... 杨小艳, 邓洪平, 郭 金, 黄龙仪 (057)
- 宽体金线蛭生殖系统形态结构与胚胎发育 马 燕, 游华建,
李 晋, 姚冬冬, 刘 彬 (064)
- pH 值及不同百分浓度 NaCl 溶液对齐口裂腹鱼精子活力的影响 顾正选, 丁诗华 (072)
- Let-7a 负性调控人肾上皮细胞 293T 中 UHRF1 基因的表达 文 利, 彭 睿,
孙 艳, 武天慧, 彭惠民, 张 政 (077)
- RAD-seq 技术在植物物证个体认定中的应用 庄 艳, 孔庆波,
陈新平, 陆海新, 王晓丽, 王崇志, 孙海陆 (084)

· 数理科学与化学 ·

- Wolfe 线搜索下充分下降性的 FR 型共轭梯度法 王开荣, 徐晓光 (091)

基于 PRP 公式修正的有效共轭梯度算法	林穗华 (097)
Asplund 空间中随机集值隐函数的度量正则性	蒋观敏, 杨明歌 (104)
q 进制反射 Gray 码的几个注记	张 帅, 瞿云云, 包小敏, 黄华伟 (110)
一类时间离散捕食者-食饵系统中的分岔研究	杨洪举, 张化永, 黄头生 (115)
离散型三维竞争系统中某群体竞争获胜的条件	周志轩, 杨逢建 (124)

• 地球与环境科学 •

基于引力模型的多中心城市地价空间结构分析	
——以重庆市为例	赵东卉, 刘 勇, 刘秀华 (130)
农户福祉与生态系统服务变化关系研究	
——以重庆市武陵-秦巴连片特困区为例 ...	李南洁, 曹国勇, 何丙辉, 罗光莲 (136)
重庆市典型村庄生活垃圾产生特征及处理模式	曾 荣, 易 蔓, 王莉玮, 席仲伟, 何为媛, 周优良, 王正奎, 谢 玲, 赵秀兰 (143)

• 信息科学 •

基于流量特征的登录账号密码暴力破解攻击检测方法	魏琴芳, 杨子明, 胡向东, 张 峰, 郭智慧, 付 俊 (149)
-------------------------------	---------------------------------------

• 工程技术 •

新津宝墩考古遗址公园景观规划理念的探讨	张 毅, 邱 建 (155)
利用瞬态荧光技术研究单重态激子裂变的电荷转移模型	
.....	田晓语, 周 亮, 陈 茜, 孟 妍, 张 勇 (161)
月球着陆器过渡轨道的数值仿真	钟 振, 杨 敏 (168)
小区开放对周边道路通行能力影响的研究	李 良 (174)

JOURNAL OF SOUTHWEST UNIVERSITY

(NATURAL SCIENCE EDITION)

Vol. 39 No. 7

Total No. 271

Jul. 20, 2017

CONTENTS

Effects of Two Special Slow-Release Fertilizers on the Yield, Quality and Uptake and Utilization of Nitrogen, Phosphorus and Potassium in Cucumber
..... SUN Li-fei, WANG Cong-li, XU Wei-hong, XIONG Shi-juan, CHEN Xu-gen,
CHEN Yong-qin, CHI Sun-lin, XIE Wen-wen, WANG Zheng-yin, XIE De-ti (001)

Effect of *Herba Artemisiae Annuae* Polysaccharides on IL-1 β , IL-2, IL-6 and IFN- γ Levels in the Serum of Mice SHUAI Xue-hong,
CHEN Ji-xuan, SHI Jun, HUANG Qing-zhou, WU Li (011)

Analysis of Morphological Differences of the Leaves of Adult Ginkgo Trees in the Non-Flowering and Non-Fruiting Period CHEN Ke,
LIU Ji-yao, JIANG Yuan-yuan, YANG Xiao-hong (017)

The Diversity of Microbial Resources in Ecological Mulberry Rhizosphere Soil in a Rocky Desertification Area DUAN Qian-qian, YANG Xiao-hong, HUANG Xian-zhi (025)

Homo sapiens Metallothionein 1L (HsMT1L) Enhances the Accumulation of Zinc in Tomato Seedlings SONG Xiao-mei, CHEN Meng-ying, QIN Xiao-dong,
JIN Xin-kai, LI Jin-hua, PAN Yu, SU Cheng-gang, ZHANG Xing-guo (030)

Impact of Tree Training Systems on the Physiological Characteristics of Leaves on Different Branches of *Citrus grandis* var. Long' anyou and on Its Fruit Quality
..... LI Rong-fei, ZHANG Kang-ping, HE Qiao, LIANG Guo-lu,
LU Zhi-ming, HU Tao, YI You-wen, GUO Qi-gao (036)

Effect of Planting Density and Nitrogen Fertilizer on Soil Fertility Properties with Wheat/Forage Rape Multiple Cropping YANG Rui-ji (044)

Effects of Foliar Application of Selenium on Cadmium and Mercury Absorption in Different Growth Periods of Rice ZHANG Lu, ZHOU Xin-bin, SU Ting-ting (050)

Risk Assessment of Alien Invasive Plants in the Jinyun-Mountain National Nature Reserve and Countermeasures for Their Prevention and Control YANG Xiao-yan,
DENG Hong-ping, GUO Jin, HUANG Long-yi (057)

Morphological Structure of the Genital System and Embryonic Development of *Whitmania pigra* MA Yan, YOU Hua-jian, LI Jin, YAO Dong-dong, LIU Bin (064)

Influence of pH and Different Concentrations of NaCl Solution on *Schizothorax prenanti* Sperm Vitality GU Zheng-xuan, DING Shi-hua (072)

MicroRNA Let-7a Negatively Regulates the Expression of UHRF1 in Human Renal Epithelial Cells 293T	WEN Li, PENG Rui, SUN Yan, WU Tian-hui, PENG Hui-min, ZHANG Zheng (077)
Application of RAD-seq Technology in Individual Identification of Plant Material Evidence	ZHUANG Yan, KONG Qing-bo, CHEN Xin-ping, LU Hai-xin, WANG Xiao-li, WANG Chong-zhi, SUN Hai-lu (084)
A Sufficient Descent FR Type Conjugate Gradient Method Under the Wolfe Line Search	WANG Kai-rong, XU Xiao-guang (091)
Efficient Conjugate Gradient Algorithms Based on a Modified PRP Formula	LIN Sui-hua (097)
Metric Regularity of Random Implicit Multifunctions in Asplund Spaces	JIANG Guan-min, YANG Ming-ge (104)
Notes on the Q-ary Reflected Gray Codes	ZHANG Shuai, QU Yun-yun, BAO Xiao-min, HUANG Hua-wei (110)
Neimark-Sacker Bifurcation and Route to Chaos in a Time-Discrete Predator-Prey System	YANG Hong-ju, ZHANG Hua-yong, HUANG Tou-sheng (115)
The Conditions for a Group Winning a Competition in a Three-Dimensional Discrete Competitive System	ZHOU Zhi-xuan, YANG Feng-jian (124)
A Gravity Model-Based Analysis of the Spatial Structure of Land Price in Polycentric Cities: A Case Study of Chongqing	ZHAO Dong-hui, LIU Yong, LIU Xiu-hua (130)
On the Relationship Between the Change in Farmer Wellbeing and Ecosystem Services —A Case Study of Wuling-Qinba Contiguous Destitute Areas in Chongqing	LI Nan-jie, CAO Guo-yong, HE Bing-hui, LUO Guang-lian (136)
Characteristics of Rural Household Solid Waste in Typical Villages of Chongqing and Its Treatment Models	ZENG Rong, YI Man, WANG Li-wei, XI Zhong-wei, HE Wei-yuan, ZHOU You-liang, WANG Zheng-kui, XIE Ling, ZHAO Xiu-lan (143)
A Remote Login-Focused Brute-Force Attack Detection Methods Based on Network Flow Characteristics	WEI Qin-fang, YANG Zi-ming, HU Xiang-dong, ZHANG Feng, GUO Zhi-hui, FU Jun (149)
A Research of the Conception of Landscape Planning of Xinjin Baodun Archaeological Site Park	ZHANG Yi, QIU Jian (155)
A Charge-Transfer Model for Studying Singlet Exciton Fission with the Transient Fluorescence Technique	TIAN Xiao-yu, ZHOU Liang, CHEN Xi, MENG Yan, ZHANG Yong (161)
Numerical Simulation of the Transition Orbit of Lunar Lander ...	ZHONG Zhen, YANG Min (168)
Study on the Influence of the Opening of Residential Communities on the Capacity of Their Surrounding Roads	LI Liang (174)