

安徽农业大学学报

第 46 卷第 2 期 (总第 168 期) 2019 年 3 月

目 次

茶与食品科学

- 安徽池州市茶轮斑病病原鉴定及 4 种杀菌剂对其抑制性 陈雅丽, 陈文艳, 侯因嵩, 陈名君 (209)
萝卜苗中微量元素硒的生物转化能力研究 刘艳芳, 叶 华, 张德欣 (214)

动物科学与动物医学

- 中老年 CD-1 小鼠海马 Staufen 蛋白含量改变及其与认知功能减退的相关性研究 吴永芳, 徐 劲, 张折折, 李学伟, 曹 磊, 陈贵海 (219)
本交笼养海兰褐父母代种鸡生长曲线拟合研究 李 岩, 詹 凯, 马瑞钰, 李俊营, 刘 伟, 万 意, 崔海军, 张 新, 柳哲杰, 郑 钟, 胡晓枫 (224)
鸡贫血病毒安徽分离株感染性克隆的构建及其感染特性 刘雪兰, 丁 冷, 寇家倩, 吴 颖, 周梦琴, 谢小丽 (229)
雌雄克氏原螯虾染色体核型比较分析 石林林, 许晓辉, 张 龙, 李艳和 (234)
长江江豚饵料鱼源温和气单胞菌的鉴定及毒力分析 任文萍, 龚 成, 张肖洁, 沈建忠, 李莉娟, 陈孝煊, 袁军法 (242)
2014-2017 年中国部分地区 PEDV 流行株 S 基因遗传进化分析 郑慧华, 张鸿鑫, 韩昊莹, 乔 涵, 赵 宇, 陈红英 (249)

林学

- 毛竹实生苗不同代分蘖茎秆的解剖结构比较 郑 笑, 董晓波, 万雅雯, 秦忠林, 丁雨龙, 林树燕 (256)
主成分回归分析在火炬松早期选择中的应用研究 栾启福, 丁显印, 徐永勤, 徐陆雨, 姜景民 (264)
山西省中条山 4 种栎类林分的土壤特性 程中倩, 吴水荣, 耿玉清, 吴应建, 李红平, 李亚成 (270)

资源与环境

- 国外乡村空间重构研究述评 陈晓华, 曹梦莹 (275)
生态边坡稳定机制研究综述 陈 洁, 雷学文, 黄泽彬, 徐 骏, 吕建根, 邱剑辉 (282)
高效液相色谱串联质谱测定城镇污水处理厂水样中典型雌激素内分泌干扰物质 汤 婕, 牛子牛, 储春萍, 罗家玮, 刘皖黔, 张忠恩, 齐翠翠 (289)
皖西北地区夏季高温热浪时空变化特征分析 项 阳, 王 璐, 王海东, 张庆奎 (295)
安徽省绿色发展水平评价体系初步研究 马志帅, 许 建 (300)

生物学

- 紫花松果菊规范化种植关键技术研究……王海燕，刘雪艳，潘桂芳，侯晓娟，郭春晓，孙家孟，袁艺 (307)
一株耐盐芽孢杆菌的筛选及其蛋白酶的酶学特性研究……曹凯，邓国志，胡晓婕，张胜，武超 (312)

植物保护

- 一种喹啉类化合物的合成新方法……王溪，周瑜辉，戴龙，刘孝君，杨华，张袖丽 (318)
桑树中拮抗内生细菌的分离筛选及其抑菌机制……徐莉，李恩泽，蒋立，刘莎，宋静云，江腾 (323)

园艺

- ‘红颜’草莓果实成熟过程中香气成分的变化……赵静，王帅帅，张岩，王富强，谢兴斌，方从兵 (330)
外源喷施 Fe SO₄ 对 ‘黄金梨’ 黄化叶片氮代谢相关酶活性及基因表达量的影响
……叶振风，刘超，衡伟，朱立武，贾兵 (337)
2 种石蒜花芽分化与碳水化合物、抗氧化物酶及内源激素变化的关系
……张莹婷，杨秀莲，何岭，王良桂 (342)
臭氧对大白菜低温贮藏品质和硝酸盐、亚硝酸盐的影响
……千春录，王兢业，李虹，高晨，乐浩，顾林，金昌海，齐晓花 (350)

工程技术

- 夏季温控床垫与被褥微环境匹配舒适域……李霞霞，申黎明，晁垚 (355)
人体特征参量与沙发功能尺寸之间的关系……石允娇，袁方成，陈童，张婷婷，郭勇，陈玉霞 (362)
基于 CRUISE 与正交试验的纯电动拖拉机参数优化……方树平，王宁宁，易克传，徐立友，缑瑞宾，柳伟续 (368)
淀粉聚磷酸铵阻燃复合薄片的制备及燃烧热解特性……朱青林，胡永华，邵宁，汪华，侯丽，朱晓兰 (375)

期刊基本参数：CN34—1162/S*1957*b*A4*174*zh*P* ¥15.00*1000*28*2019-03

JOURNAL OF ANHUI AGRICULTURAL UNIVERSITY

Vol.46 No.2 Mar. 2019 Sum No.168

Contents

Tea and Food Science

- Identification and inhibitory effect of four fungicides for pathogen causing tea gray blight in Chizhou, Anhui Province CHEN Yali, CHEN Wenyan, HOU Nansong, CHEN Mingjun (209)
Study on biological transformation ability of selenium in germinated radish LIU Yanfang, YE Hua, ZHANG Dexin (214)

Animal Science and Animal Medicine

- Changed Staufen level of hippocampus correlates with the impaired spatial learning and memory in the middle-aged CD-1 mice WU Yongfang, XU Jin, ZHANG Zhezhe, LI Xuewei, CAO Lei, CHEN Guihai (219)
Study on fitting of growth curve for Hy-Line brown parent stock layers in mating cages LI Yan, ZHAN Kai, MA Ruiyu, LI Junying, LIU Wei, WAN Yi, CUI Haijun, ZHANG Xin, LIU Zhejie, ZHENG Zhong, HU Xiaofeng (224)
Construction and infective characters of an Anhui isolate infectious clone of chicken anemia virus LIU Xuelan, DING Ling, KOU Jiaqian, WU Ying, ZHOU Mengqin, XIE Xiaoli (229)
Comparative analysis of karyotype in female and male *Procambarus clarkii* SHI Linlin, XU Xiaohui, ZHANG Long, LI Yanhe (234)
Isolation and identification of *Aeromonas sobria* from the diseased prey fish of the Yangtze finless porpoise REN Wenping, GONG Cheng, ZHANG Xiaoqie, SHEN Jianzhong, LI Lijuan, CHEN Xiaoxuan, YUAN Junfa (242)
Phylogenetic analysis of S gene of porcine epidemic diarrhea virus from some districts of China during 2014-2017 ZHENG Huihua, ZHANG Hongxin, HAN Haoying, QIAO Han, ZHAO Yu, CHEN Hongying (249)

Forestry

- Culm anatomy structure comparation between different tillers of *Phyllostachys edulis* seedlings ZHENG Xiao, DONG Xiaobo, WAN Yawen, QIN Zhonglin, DING Yulong, LIN Shuyan (256)
Study on early selection in loblolly pine based on principal components regression LUAN Qifu, DING Xianyin, XU Yongqin, XU Luyu, JIANG Jingmin (264)
Comparison analysis on soil characteristics of four types of oak stands in Zhongtiaoshan, Shanxi Province CHENG Zhongqian, WU Shuirong, GENG Yuqing, WU Yingjian, LI Hongping, LI Yacheng (270)

Resources and Environment

- Review of study on rural spatial restructuring abroad CHEN Xiaohua, CAO Mengying (275)
Review on the mechanism of ecological slope stability CHEN Jie, LEI Xuewen, HUANG Zebin, XU Jun, LYU Jiangen, QIU Jianhui (282)
Determination of estrogenic endocrine disruptors in water samples of urban sewage treatment plants with UPLC-MS/MS TANG Jie, NIU Ziniu, CHU Chunping, LUO Jiawe, LIU Wanqian, ZHANG Zhongan, QI Cuicui (289)
Analysis of spatial-temporal change characteristics of high temperature and heatwaves in the summer of Northwest Anhui XIANG Yang, WANG Lu, WANG Haidong, ZHANG Qingkui (295)
Preliminary study on the evaluation system of green development level in Anhui Province MA Zhishuai, XU Jian (300)

Biology

- Study on the key techniques of the standardized planting of *Echinacea purpurea* L. WANG Haiyan, LIU Xueyan, PAN Guifang, HOU Xiaojuan, GUO Chunxiao, SUN Jiameng, YUAN Yi (307)

Screening of a halotolerant *Bacillus* and its enzymological properties of protease

.....CAO Kai, DENG Guozhi, HU Xiaojie, ZHANG Jiasheng, WU Chao (312)

Plant Protection

A new method for the synthesis of quinoline compounds

.....WANG Xi, ZHOU Yuhui, DAI Long, LIU Xiaojun, YANG Hua, ZHANG Xiuli (318)

Isolation, screening and antibacterial mechanism of antagonistic endophytic bacterium from *Morus alba* L.

.....XU Li, LI Enze, JIANG Li, LIU Sha, LUAN Jingyun, JIANG Teng (323)

Horticulture

Changes of aromatic components during ‘Benihoppe’ strawberry fruit development and maturation

.....ZHAO Jing, WANG Shuaishuai, ZHANG Yan, WANG Fuqiang, XIE Xingbin, FANG Congbing (330)

Effects of FeSO₄ application on nitrogen metabolism related enzyme activity and gene expression in chlorosis leaves of ‘Hwangkumbae’

pear.....YE Zhenfeng, LIU Chao, HENG Wei, ZHU Liwu, JIA Bing (337)

Relationships between flower bud differentiation in two kinds of *Lycoris* and the changes of carbohydrate, antioxidant enzymes and endogenous hormones.....ZHANG Yingting, YANG Xiulian, HE Ling, WANG Lianggui (342)

Effects of ozone on cold storage quality and nitrate, nitrite in postharvest Chinese cabbage

.....QIAN Chunlu, WANG Jingye, LI Hong, GAO Chen, LE Hao, GU Lin, JIN Changhai, QI Xiaohua (350)

Engineering and Technology

Matching comfort zone between temperature-controlled mattress and bedding microclimate in summer

.....LI Xiaxia, SHEN Liming, CHAO Yao (355)

The relationship between human body characteristic parameters and sofa functional dimensions

.....SHI Yunjiao, YUAN Fangcheng, CHEN Tong, ZHANG Tingting, GUO Yong, CHEN Yuxia (362)

Parameter optimization of pure electric tractor based on CRUISE and orthogonal test

.....FANG Shuping, WANG Ningning, YI Kechuan, XU Liyou, Gou Ruibin, LIU Weixu (368)

The preparation and thermal degradation and combustion behavior of flame-retardant starch-ammonium polyphosphate multilayer on reconstituted tobacco sheet.....ZHU Qinglin, HU Yonghua, SHAO Ning, WANG Hua, HOU Li, ZHU Xiaolan (375)