

安徽农业大学学报

第 40 卷第 3 期 (总第 133 期) 2013 年 5 月

目 次

作物学

水稻黄叶突变体叶绿体超微结构与突变基因定位···武立权,李 娟,柯 建,何清华,尤翠翠,王荣富 (345)

玉米全基因组谷胱苷肽-S-转移酶基因家族的分析·····李晓玉,江海波,江海洋,朱苏文 (350)

林学

淹水胁迫下枫香叶片对富氮水平的光合响应·····苏守香,彭镇华,孙启祥,方建民,徐 凯 (357)

毛竹林生态系统健康评价技术研究·····郭宝华,余 林,范少辉,曾 伟,肖复明,赵耀新 (366)

毛竹中 *NAC* 转录因子的克隆与序列分析·····陈云霞,丁雨龙 (372)

设施内外人面竹夏季光合作用日变化及影响因子研究·····严 彦,秦金舟,苏文会,苏浩然 (378)

用 MaxEnt 模拟湖北海棠 (*Malus hupehensis*) 地理分布·····王雷宏,杨俊仙,黄成林 (383)

杜仲 SSR-PCR 反应体系建立及引物筛选

·····朱晓敏,王弦云,陈龙灿,康向阳,王 勤,束庆龙,张良富,曹翠萍 (387)

长白山金沟岭杨桦次生林下幼树生物量模型·····张梦弢,亢新刚,Rosli R H,高 祥,徐 光 (393)

Ca²⁺ 处理对不同藤本月季品种的耐热性影响·····陈芳芳,郝福玲,汪 天,孙 睿 (400)

动物科学与动物医学

长江野生中华绒螯蟹育苗性能的初步研究·····万 全,苏时萍,马浩强,古界明,陆卫兵 (406)

MiR-143 在山羊卵巢组织中的表达及功能分析

·····张晓东,凌英会,李运生,张运海,张子军,丁建平,章孝荣 (411)

甲状腺素联合多奈哌齐对成年期甲减大鼠海马 SNAP-25 的影响·····郑 燕,朱德发 (418)

小鼠原始生殖细胞迁移过程中 H2A.Z 的表达·····时小艳,吴宝江,于建宁,马雪山,刘红林 (422)

金黄色葡萄球菌 SEG 蛋白 B 细胞线性表位的预测与验证·····梁明燕,戚莉芳,李槿年,张婷婷 (426)

安徽省部分地区致病性大肠杆菌耐药性分析·····阮祥春,曾明华,黄媛媛,孟艳静,李琳,李郁 (430)

基于 AHP 和云模型的中蜂囊状幼虫病风险评估方法研究

·····孟天祥,张友华,余林生,李耘,王庆人,刘萍 (434)

园艺

不同糖源对百合切花保鲜效果的影响·····耿兴敏,李敏,王凌霄 (438)

不结球白菜感染菌核病后 4 个生理生化指标分析·····马景蕃,刘喜明,黄素华,王华 (444)

安徽乌塌菜种质资源形态特征多样性分析·····赵颖,宋江华,汪承刚,张灵凤,张慧 (449)

砀山酥梨萼片发育的 SSH 文库构建及 EST 序列分析·····贾胜,贾兵,朱立武 (454)

9 种十字花科蔬菜食用部位中萝卜硫素含量研究·····谢述琼,何珺,何军 (460)

茶与食品科学

茶树中精氨酸脱羧酶基因的 cDNA 克隆及序列分析·····徐乾,史成颖,宛晓春,汤志近 (464)

茶树可溶性糖含量的 HPLC-ELSD 检测及其与茶树抗寒性的相关分析

·····葛菁,庞磊,李叶云,江昌俊 (470)

植物保护

麻姑山林场球孢白僵菌遗传多样性的 SSR 标记分析·····蒲顺昌,刘玉军,陈名君 (474)

白腹皮蠹幼虫肠道细菌分离及鉴定·····秦浩,李志鹏,李林懋,刘玉升,郑继法 (482)

生物学

拟南芥 *at3g57680* 基因编码的 CtpA 蛋白对光系统 II 功能的影响·····金美芳,高茜,张珠珠 (487)

毛果杨 (*Populus trichocarpa*) 中 ZINC-INDUCED FACILITATOR1 (*ZIF1*) 同源基因的生物信息学分析

·····李春艳,李成浩 (492)

金鱼草叶序变化的形态解剖学研究·····夏淋,王冬良,何金铃,李丹丹,王国伟 (501)

樟芝菌丝中自由基清除剂的醇提工艺研究·····庄梦敏,王小董,胡丰林 (506)

盐胁迫对黄蜀葵生长及金丝桃苷含量的影响·····张晓倩,王康才,王雅男,张彦南,王乾,崔志伟 (510)

资源与环境

期刊基本参数: CN34—1162/S*1957*b*A4*174*zh*P*¥15.00*1000*32*2013-05

JOURNAL OF ANHUI AGRICULTURAL UNIVERSITY

Vol.40 No.3 May 2013 Sum No.133

Contents

Crop Science

- Gene mapping and chloroplast ultrastructure of a xantha rice mutant
.....WU Li-quan, LI Juan, KE Jian, HE Qing-hua, YOU Cui-cui, WANG Rong-fu (345)
- Genome-wide analysis of glutathione-S-transferase gene family in maize
.....LI Xiao-yu, JIANG Hai-bo, JIANG Hai-yang, ZHU Su-wen (350)

Forestry

- Photosynthetic response to nitrogen levels under flooding stress of *Liquidambar formosana* Hance. leaves
.....SU Shou-xiang, PENG Zhen-hua, SUN Qi-xiang, FANG Jian-min, XU Kai (357)
- Assessment technology for forest ecosystem health of *Phyllostachys edulis*
.....GUO Bao-hua, YU Lin, FAN Shao-hui, ZEN Wei, XIAO Fu-ming, ZHAO Yao-xin (366)
- Cloning and sequence analysis of *NAC* transcription factors in Moso (*Phyllostachys edulis*).....CHEN Yun-xia, DING Yu-long (372)
- Diurnal variation of photosynthesis of *Phyllostachys aurea* grown inside and outside greenhouse and its influential factors in summer
.....YAN Yan, QIN Jin-zhou, SU Wen-hui, SU Hao-ran (378)
- Modelling geographic distribution of *Malus hupehensis* with MaxEnt
.....WANG Lei-hong, YANG Jun-xian, HUANG Cheng-lin (383)
- Establishment of SSR-PCR reaction system and primers screening for *Eucommia ulmoides*
.....ZHU Xiao-min, WANG Xian-yun, CHEN Long-can, KANG Xiang-yang,
WANG Qin, SHU Qin-long, ZHANG Liang-fu, CAO Cui-ping (387)
- Biomass model for polar-birch secondary forest saplings in Jingouling forest farm of Changbai Mountain, Northeast China
.....ZHANG Meng-tao, KANG Xin-gang, Rosli R H, GAO Xiang, XU Guang (393)
- Effects of Ca²⁺ treatment on heat tolerance of different *Rosa hybrida* varieties
.....CHEN Fang-fang, HAO Fu -ling, WANG Tian, SUN Rui (400)

Animal Science and Animal Medicine

- Preliminary study on the breeding performance for wild Yangtze River brood stocks of Chinese mitten crab
.....WAN Quan, SU Shi-ping, MA Hao-qiang, GU Jie-ming, LU Wei-bing (406)
- Expression and biological function of MiR-143 in goat ovaries
.....ZHANG Xiao-dong, LING Ying-hui, LI Yun-sheng, ZHANG Yun-hai, ZHANG Zi-jun, DING Jian-ping, ZHANG Xiao-rong (411)
- Effects of thyroxine and donepezil on hippocampal SNAP-25 expression in hypothyroid adult rats
.....ZHENG Yan, ZHU De-fa (418)
- Mouse primordial germ cells (PGCs) expression of H2A.Z during migration
.....SHI Xiao-yan, WU Bao-jiang, YU Jian-ning, MA Xue-shan, LIU Hong-lin (422)
- Prediction and verification of the linear B-cell epitopes of staphylococcal enterotoxin G protein
.....Liang Ming-yan, QI Li-fang, Li Jin-nian, ZHANG Ting-ting (426)
- Drug sensitivity of *Esherichia coli* in some districts of Anhui Province
.....RUAN Xiang-chun, ZENG Ming-hua, HUANG Yuan-yuan, MENG Yan-jing, LI Lin, LI Yu (430)
- Risk assessment for Chinese bee metacercariae disease based on AHP and cloud model
.....MENG Tian-xiang, ZHANG You-hua, YU Lin-sheng, LI Yun, WANG Qin-ren, LIU Ping (434)

Horticulture

- Effects of different sugar sources on postharvest preservation of cut lilies.....GENG Xing-min, LI Min, WANG Ling-xiao (438)
- Analysis of several physiological and biochemical index induced by *Sclerotinia sclerotiorum* among different non-heading Chinese cabbages.....MA Jing-fan, LIU Xi-ming, HUANG Su-hua, WANG Hua (444)
- Diversity analysis of morphological traits of savoy germplasm resources in Anhui Province
.....ZHAO Ying, SONG Jiang-hua, WANG Cheng-gang, ZHANG Ling-feng, ZHANG Hui (449)
- SSH library construction and EST sequence analysis on the development of the calyx of 'Dangshansu' pear
.....JIA Sheng, JIA Bing, ZHU Li-wu (454)
- Determining sulfuraphane contents in edible parts of nine cruciferous vegetables.....XIE Shu-qiong, HE Jun, HE Jun (460)

Tea and Food Science

- Cloning and sequence analysis of arginine decarboxylase gene from *Camellia sinensis*
.....XU Qian, SHI Cheng-ying, WAN Xiao-chun, TANG Zhi-jin (464)
- Determination of soluble sugar in tea plant by HPLC-ELSD and its relationship with freezing resistance
.....GE Jing, PANG Lei, LI Ye-yun, JIANG Chang-jun (470)

Plant Protection

- Genetic diversity analysis of *Beauveria bassiana* from Magu Mountains of Anhui Province based on SSR molecular marker
.....PU Shun-chang, LIU Yu-jun, CHEN Ming-jun (474)
- Isolation and identification of intestinal bacterial flora of *Dermestes Maculatus Degeer* larvae
.....QIN Hao, LI Zhi-peng, LI Lin-mao, LIU Yu-sheng, ZHENG Ji-fa (482)

Biology

- Effect of CtpA protein encoded by *at3g57680* gene on the function of photosystem II in *Arabidopsis thaliana*
.....JIN Mei-fang, GAO Qian, ZHANG Zhu-zhu (487)
- Bioinformatics analysis of *ZIF1* homologous gene in *Populus trichocarpa*.....LI Chun-yan, LI Cheng-hao (492)
- Morphological and anatomical characteristics of phyllotaxy of *Antirrhinum majus*
.....XIA Lin, WANG Dong-liang, HE Jin-ling, LI Dan-dan, WANG Guo-wei (501)
- Ethanol-extraction technology for radical scavengers from mycelia of *Antrodia camphorata* hyphae
.....ZHUANG Meng-min, WANG Xiao-dong, HU Feng-lin (506)
- Effects of salt stress on growth and hyperin content of *Abelmoschus manihot* (L.) Medic.

.....ZHANG Xiao-qian, WANG Kang-cai, WANG Ya-nan, ZHANG Yan-nan, WANG Qian, CUI Zhi-wei (510)

Resources and Environment

Adsorption of neutral red by modified flavedo and its biosorption kinetics

.....JIAN Shao-ju, YANG Wei-sen (514)