



ISSN 1000-2286
CN 36-1028/S
CODEN JNXUEV

全国中文核心期刊
中国科技核心期刊

江西农业大学学报

ACTA AGRICULTURAE
UNIVERSITATIS JIANGXIENSIS

2013 3
— Vol.35 No.3 —

江西农业大学主办

科学出版社出版
Science Press

万方数据

中国 南昌
Nanchang China

目 次

· 林业科学 ·

- 迁西板栗主栽品种授粉组合的优化 郭素娟, 吕文君, 邹峰, 等(437)
园林绿化华木莲的生长动态及环境影响研究 施建敏, 裴利洪, 俞志雄(444)
季节对芳樟规模化大田扦插育苗的影响研究 黎祖尧, 姜漾, 万文, 等(451)
多因子对楠木容器苗造林生长影响的分析 金苏蓉, 张邦文, 欧阳励志, 等(456)
干热河谷主要造林树种生长季树干液流的时滞特征 王小菲, 孙永玉, 李昆, 等(462)
中国竹类研究成果分析 陈红, 冯云, 马学忠, 等(468)
硅肥对雷竹林生长影响研究 戚洁庆, 潘月, 桂仁意(473)
基质配比和控释肥施用量对曼青冈容器苗生长的影响 李谦盛, 邓敏, 谭海博, 等(480)
5种壳斗科树种实生苗年生长规律研究 余林, 叶金山, 朱恒, 等(486)
“燕山早丰”叶面喷施微量元素的产量效应 李广会, 郭素娟, 邹峰(491)
硼及植物生长调节剂对枣花粉萌发的影响 陈文涛, 袁德义, 张日清, 等(496)

· 作物科学 ·

- SSR 标记在杂交旱稻新组合纯度鉴定中的应用 张琳, 杜鹃, 齐丽霞, 等(502)
云烟 87 和 K326 对干旱胁迫的响应 丁雪丹, 熊江波, 周紫燕, 等(507)
叶用黄麻染色体核型分析和多倍体诱导研究 周庆红, 曾勇军, 范淑英, 等(512)

· 园艺科学 ·

- 不同肥料对青花菜产量及品质影响的研究 王静, 丁悦, 叶祥林, 等(517)
外源草酸对辣椒保鲜效果和抗氧化防御系统的影响 朱丽琴, 张伟, 汪伟, 等(521)
纽荷尔脐橙果皮光泽型突变体贮藏性研究 曾琼, 吴启, 王玥辰, 等(525)
水分胁迫对柑橘生理指标及 JA 合成相关酶基因表达的影响 赵晓莉, 卢晓鹏, 聂琼, 等(530)

· 植保科学 ·

- 两种方法鉴定辣椒疫病抗性研究 马辉刚, 何烈干, 陈学军, 等(536)
青葙提取物对红脉穗螟产卵忌避及杀卵作用研究 吕朝军, 钟宝珠, 钱军, 等(543)
10% 喹虫脒·哒螨灵水乳剂的研制 刘晓亮, 许亚楠, 唐文伟, 等(549)

· 动物科学与动物医学 ·

- 大肠杆菌对兔血液生理生化指标和实质器官组织结构的影响 丁厚康, 马卫明, 刘莲莲, 等(556)
pH、胃液、肠液、胆盐对强微乳酸粪肠球菌耐受性影响 包淋斌, 邬向东, 瞿明仁, 等(563)
断喙喙形对蛋鸡生产性能的影响 李俊营, 詹凯, 刘伟, 等(568)
饲喂果葡糖浆对意大利蜜蜂解毒酶的影响 孟丽峰, 新三省, 刁青云(574)
长江下游鳙放流群体和天然捕捞群体遗传多样性的微卫星分析 张敏莹, 刘凯, 徐东坡, 等(579)
青土霉素废水出水对锦鲤肝脏抗氧化酶活性和丙二醛含量的影响
..... 吴志刚, 沈洪艳, 高吉喜, 等(587)

· 生物技术与工程 ·

- 9 种植物粗多糖体外降脂及抑制非酶糖基化活性的研究 王文君, 欧阳克蕙, 许文凤, 等(593)
固氮基因的分子进化分析 王前, 陈海魁, 王俊丽(597)
野生黄伞 JZB2116005 菌株的鉴定及生物学特性研究 王守现, 刘宇, 许峰, 等(603)
硅酸盐细菌的分离、鉴定及其生物学特性研究 胡洲, 吴毅歆, 毛自朝, 等(609)
 β -蜕皮甾酮衍生物前导化合物的合成、分离及鉴定 陈丽秋, 迟德富, 李晓灿, 等(615)
小麦淀粉分支酶基因 SBE-IIb 植物表达载体的构建及表达鉴定 王自布, 齐军仓, 李卫华, 等(620)
响应面法优化带壳烘烤花生真空充氮贮藏工艺的研究 孙志威, 周巾英, 林勇敢, 等(626)
水、土壤和脐橙中铬的激光诱导击穿光谱研究 张旭, 黄乐, 姚明印, 等(631)
荧光法检测鸭肉中新霉素残留的研究 徐将, 刘木华, 袁海超, 等(635)

· 生态资源与环境 ·

- 造纸废水对芦苇实生苗保护酶及叶绿素荧光的影响 孙景宽, 陆兆华, 李田(641)
遮荫干扰对天然羊草分株种群光合产物及其分配的影响 王洪义, 王智慧(646)
江西铜钹山大型真菌区系地理成分分析 张林平, 张扬, 王舒, 等(652)
沈阳百年居住用地空间形态变化分析 董秀茹, 江凡, 杨肖丽(664)

Contents

Experiment on screening pollination varieties for main <i>Castanea mollissima</i> varieties in Yan Mountain	GUO Su-juan, LV Wen-jun, ZHOU Feng, et al(437)
Relationship between growth and environmental factors of <i>Sinomanglietia glauca</i> planted for landscaping	SHI Jian-min, QIU Li-hong, YU Zhi-xiong(444)
A study on the effects of cutting seasons on <i>Cinnamomum camphora</i> 's large scale field cutting seedlings	LI Zu-yao, JIANG Yang, WANG Wen, et al(451)
A study on effects of factors on the growth of <i>Phoebe bournei</i> container seedling planting	JIN Su-rong, ZHANG Bang-wen, OUYANG Xun-zhi, et al(546)
Time lag characteristics of stem sap flow of main afforestation tree species during their growth season in Yuanmou Dry - hot Valley of Southwest China	WANG Xiao-fei, SUN Yong-yu, LI Kun, et al(462)
An analysis of the achievements of research on bamboo in China	CHEN Hong, FENG Yun, MA Xue-zhong, et al(468)
Effect of silicon fertilizer application on plantation of <i>Phyllostachys violascens</i>	RONG Jie-qing, PAN Yue, GUI Ren-yi(473)
Effects of substrate formula and controlled release fertilizer application rate on the growth of <i>Cyclobalanopsis oxyodon</i> container seedling	LI Qian-sheng, DENG Min, TAN Hai-bo, et al(480)
A study on annual growth dynamics of one-year-old seedlings of five species of beech family	YU Lin, YE Jin-shan, ZHU Heng, et al(486)
Effect of foliage application of trace elements on chestnut yield	LI Guang-hui, GUO Su-juan, ZOU Feng(491)
Effects of boric acid and plant growth regulators on pollen germination in <i>Zizyphus jujuba</i> Mill.	CHEN Wen-tao, YUAN De - yi, ZHANG Ri-qing, et al(496)
Application of SSR molecular marker to purity identification of new hybrid upland rice	ZHANG Lin, DU Juan, QI Li-xia, et al(502)
The response of Yunyan87 and K326 to drought stress	DING Xue-dan, XIONG Jiang-bo, ZHOU Zi-yan, et al(507)
Studies on chromosome karyotype and polyploid induction of vegetable jute	ZHOU Qing-hong, ZENG Yong-jun, FAN Shu-ying, et al(512)
Effects of different fertilizer treatments on yield and quality of broccoli	WANG Jing, DING Yue, YE Xiang-lin, et al(517)
Effects of exogenous oxalic acid on preservation and antioxidant defense system of hot pepper fruits	ZHU Li-qin, ZHANG Wei, WANG Wei, et al(521)
A study on fruit storability of glossy mutant of "Newhall" navel orange	ZENG Qiong, WU Qi, WANG Yue-chen, et al(525)
Effect of water stress on physiological characteristics, JA biosynthesis and correlative genes expression in citrus	ZHAO Xiao-li, LU Xiao-peng, NIE Qiong, et al(530)
Comparative studies on the two methods for identification of <i>Phytophthora Capsici</i> resistance	MA Hui-gang, HE Lie-gan, CHEN Xue-jun, et al(536)
Oviposition deterrence and ovicidal activity of <i>Celosia argentea</i> extracts on <i>Tirathaba rufiverna</i> walker	LÜ Chao-jun, ZHONG Bao-zhu, QIANG Jun, et al(543)
Development of acetamiprid + pyridaben 10% emulsion in water	LIU Xiao-liang, XU Ya-nan, TANG Wen-wei, et al(549)
Effect of colibacillosis on blood physiobiochemical indices and histological structure of parenchymal organs in rabbits	DING Hou-kang, MA Wei-ming, LIU Lian-lian, et al(556)
A study of the tolerability of <i>Streptococcus faecalis</i> for pH,gastric juice,intestinal juice and bile salt	BAO Lin-bing, WU Xiang-dong, QU Ming-ren, et al(563)
Effects of beak morphology on production performance of laying hens	LI Jun-ying, ZHAN Kai, LIU Wei, et al(568)
Effect of high fructose syrup diet exposure on the activities of detoxifying enzymes in honey bees <i>Apis mellifera ligustica</i>	MENG Li-feng, JIN San-xing, DIAO Qing-yun(574)
Analysis of genetic diversity in populations released for stock enhancement and population caught in natural water of bighead carp in the lower reaches of the Yangtze River using microsatellite markers	ZHANG Min-ying, LIU Kai, XU Dong-po, et al(579)
Effects of wastewater effluent of penicillin and oxytetracycline on SOD,CAT activities and MDA content in liver tissue of <i>Cyprinus carpio</i>	WU Zhi-gang, SHEN Hong-yan, GAO Ji-xi, et al(587)
A study on the hypolipemic and nonenzymatic glycosylation activity in vitro of crude polysaccharide form nine plants	WANG Wen-jun, OUYANG Ke-hui, XU Wen-Feng, et al(593)
An analysis of molecular evolution of nitrogen fixation genes	WANG Qian, CHEN Hai-kui, WANG Jun-li(597)
A study on identification of wild <i>Pholiota adipose</i> strain JZB2126005 and its biological characteristics	WANG Shou-xian, LIU Yu, XU Feng, et al(603)
Isolation,identification and biological characterization of silicate bacteria	HU Zhou, WU Yi-xin, MAO Zi-chao, et al(609)
Synthesis, separation and identification of the lead compound of derivatives of β - hydroxyecdysone	CHEN Li-qiu, CHI De-fu, LI Xiao-can, et al(615)
Construction of plant transformation vector of wheat starch branching enzyme <i>SBE-IIb</i> and its expression identification	WANG Zi-bu, QI Jun - cang, LI Wei-hua, et al(620)
A study on the vacuum nitrogen storage technology for roasting peanut by response surface method	SUN Zhi-wei, ZHOU Jin-ying, LIN Yong-gan, et al(626)
Investigation of chromium in water,soil and navel orange by laser-induced breakdown spectroscopy	ZHANG Xu, HUANG Le, YAO Ming-yin, et al(631)
A study on determination of neomycin residue in duck by fluorescence method	XU Jiang, LIU Mu-hua, YUAN Hai-chao, et al(635)
Influence of papermaking wastewater on protective enzymes and chlorophyll fluorescence of <i>Phragmites communis</i> Trim.	SUN Jing-kuan, LU Zhao-hua, LI Tian(641)
The effect of shading interference on photosynthate distribution of natural <i>Leymus Chinensis</i> ramet population	WANG Hong-yi, WANG Zhi-hui(646)
Geographical components of macrofungal flora in Tongbo Mountain nature reserve,Jiangxi Province,China	ZHANG Lin-ping, ZHANG Yang, WANG Shu, et al(652)
An analysis of spatial variation of residential land use in Shenyang City over the past century	DONG Xiu-ru, JIANG Fan, YANG Xiao-li(664)