

目 次

· 作物科学 ·

- 不同种植季节下水稻茎秆粗度遗传分析 陈小荣,陈志彬,贺浩华,等(205)
- 籼型杂交稻恢复系、F₁ 稻穗枝梗和颖花分化与退化特征研究 钟 蕾,何 虎,潘晓华(211)
- 营养缺乏胁迫下水稻籽粒蛋白质组图谱分析 唐秀英,邵彩虹,谢金水(217)
- 津巴布韦烤烟品种在云南中低海拔区域的比较试验 吴兴富,肖炳光,寸锦芬,等(222)
- 扁穗雀麦单混播草地产草量和品质的研究 田 宏,刘 洋,张鹤山,等(228)

· 园艺科学 ·

- 水分胁迫对枳壳和枳橙光合作用及细胞超微结构的影响 谢深喜,刘 强,熊兴耀,等(234)
- 菲约果果实主要营养成分及游离氨基酸分析 袁德义,邹 锋,崔明杰,等(239)
- 3种发酵菌堆制木薯皮基质对黄瓜幼苗生长和光合能力的影响 王 旭,李勤奋,陈艳丽,等(243)
- 甘蓝主要农艺性状的遗传相关及因子分析 方 荣,陈学军,周坤华(248)
- 苹果实生树阶段转变过程中丝氨酸羟甲基转移酶的变化 曾广娟,张新忠,李春敏(254)

· 植保科学 ·

- ENSO 事件和太阳黑子活动与我国长江中下游稻区褐飞虱大发生关系的研究
..... 舒 畅,姚英娟,曾小军,等(258)
- 西南地区水稻细菌性条斑病菌的遗传多样性分析 林 琳,姬广海,马改转,等(264)
- 辣椒疫霉菌对甲霜灵的敏感性测定 张海良,马辉刚,李湘民,等(270)
- 应用尖孢镰刀菌培养滤液室内鉴定百合品种抗病性研究 彭绿春,杨秀梅,苏 艳,等(275)
- 赣南脐橙溃疡病菌菌系分化初步研究 郭青云,李坊贞,方 玮,等(278)
- 杀虫剂对黑腹果蝇毒力测定及对香菇和秀珍菇菌丝生长的影响 赵晓娜,廖慧东,罗 佳,等(283)
- 蔓荆子种子带菌检测及杀菌剂消毒处理效果 罗光明,孙荣进,刘 冰,等(287)

· 林业科学 ·

- 小果油茶种实形态变异频率及其多样性指数分析 黄 勇,姚小华,王开良,等(292)

- 毛竹竹秆基本组织发育过程中 ATP 酶的超微定位 于 芬,丁雨龙(300)
- 干旱胁迫对不同种源麻疯树幼苗生理特性的影响 谢安德,唐春红,潘启龙,等(306)
- 长白山云冷杉针阔混交林林隙夏季光照特征研究 黄传响,亢新刚,王晶晶,等(312)
- 红壤区受损湿地松林下 6 树种光合特性 吴统贵,曾广泉,周晓萍,等(318)
- 林药间作系统石蒜叶绿素及其荧光参数日变化特征 杨志玲,杨 旭,谭梓峰,等(322)
- 北亚热带天然次生林封山育林对土壤肥力质量的影响 马少杰,李正才,周本智,等(328)
- 屋顶绿化候选植物——费菜的抗逆性研究 赵 歌,袁红艳,魏灵芝,等(335)

• 动物科学与动物医学 •

- 化学辅助去核法对延边黄牛卵母细胞去核率及其重构胚发育率的影响
..... 王玉涵,朱玉霞,尹 多,等(340)
- 中蜂与意蜂营养杂交对其后代抗农药性能的影响 汪志平,何旭江,陈利华,等(345)
- 黑龙江茴鱼(*Thymallus arcticus grubei* Dybowski)的细胞遗传学分析 薛淑群,尹洪滨,赵吉伟(350)

• 生物工程 •

- 生防菌弗氏链霉菌 S-221 所产抗菌物质的抗菌活性测定 倪国荣,潘晓华,张智平,等(355)
- 银杏液体悬浮细胞培养产生黄酮的研究 胡燕梅,韩晓红,周 全(360)
- 微波辅助萃取法提取家蚕幼虫总黄酮的工艺研究 彭金年,程庚金生,胡宏凯,等(364)
- 传统凉果盐胚中有害和有益微生物的分离与鉴定 徐 芳,肖更生,唐道邦,等(369)
- 不同类型食用菌产木素氧化酶系能力比较与分析 徐建中,胡开辉,孙淑静,等(375)

• 土壤生态与农业工程 •

- 基于物元模型的川东北丘陵区土壤养分综合评价——以平昌县为例 ... 肖玖金,马红星,王 莉,等(381)
- 鄱阳湖水文特征及湖泊纳污能力季节性变化分析 金国花,谢冬明,邓红兵,等(388)
- 荧光光谱检测脐橙表面敌敌畏残留试验研究 薛 龙,黎 静,刘木华,等(394)

Contents

Genetic analysis of clum thickness trait in rice grown in different seasons	CHEN Xiao-rong, CHEN Zhi-bing, HE Hao-hua, et al(205)
Characteristics of the differentiation and retrogression of branch and spikelet in indica hybrid rice restoring lines and their F_1	 ZHONG Lei, HE Hu, PAN Xiao-hua(211)
An analysis on grain proteome map of rice under nutrition deficient stress	TANG Xiu-ying, SHAO Cai-hong, XIE Jin-shui(217)
Comparitive testing of flue-cured tobacco varietis introduced from zimbabwe at low and mid altitude regions in Yunnan	 WU Xing-fu, XIAO Bing-guang, CUN Jin-fen, et al(222)
A study on the forage yield and quality of <i>Bromus cartharticus</i> in mixture and single pasture	 TIAN Hong, LIU Yang, ZHANG He-shan, et al(228)
Influences of water stress on citrus photosynthesis characteristic and cell ultra-structure	 XIE Shen-xi, LIU Qiang, XIONG Xing-yao, et al(234)
A study on fruit nutritional components and free amino acid composition of <i>Feijoa sellowiana</i>	 YUAN De-yi, ZOU Feng, CUI Ming-jie, et al(239)
Effects of cassava bark substrate with three microbial fermentation agents on growth and photosynthetic capacity of cucumber seedlings	 WANG Xu, LI Qin-fen, CHEN Yan-li, et al(243)
Genetic analysis of main agronomic traits in cabbage	FANG Rong, CHEN Xue-jun, ZHOU Kun-hua(248)
Changes of serine hydroxymethyltransferase during phase change in apple (<i>Malus domestica</i> Borhk.)	 ZENG Guang-juan, ZHANG Xin-zhong, LI Chun-min(254)
A study on relationship between ENSO event, activity of sunspot and outbreak of <i>Nilaparvata lugens</i> in middle and lower reaches of Yangtze River	 SHU Chang, YAO Ying-juan, ZENG Xiao-jun, et al(258)
Genotypic diversity analysis of <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i> in Southwest China by Rep - PCR	 LIN Lin, JI Guang-hai, MA Gai-zhuan, et al(264)
A study on sensitivity of <i>Phytophthora capsici</i> to metalaxyl	 ZHANG Hai-liang, MA Hui-gang, LI Xiang-min, et al(270)
A study on aseptic identification of the resistance of lily varieties to toxin filtrate from <i>Fusarium oxysporum</i> f. sp. <i>Lili</i>	 PENG Lv-chun, YANG Xiu-mei, SU Yan, et al(275)
A preliminary study on differentiation of strains of <i>Xanthomonas axonopodis</i> pv. <i>Citri</i> in Gannan navel orange	 GUO Qing-yun, LI Fang - zhen, FANG Wei, et al(278)
Toxicities of 4 insecticides to <i>Drosophila melanogaster</i> and their effects on growth of <i>Lentinus edodes</i> and <i>Pleurotus geesteranus</i>	 ZHAO Xiao-na, LIAO Hui-dong, LUO Jia, et al(283)
Testing of seed - borne fungi in <i>Vitex trifolia</i> L. var. <i>simplicifolia</i> Cham seed and disinfection effect of seven fungicides on seed-borne fungi ...	 LUO Guang-ming, SUN Rong-jin, LIU Bing, et al(287)
Analysis on variation frequency of fruits and seed characteristics and diversity index in <i>Camellia meiocarpa</i> Hu	 HUANG Yong, YAO Xiao-hua, WANG Kai-liang, et al(292)
Ultracytochemical localization of ATPase during the ground tissue development in <i>Phyllostachys edulis</i> culms	 YU Fen, DING Yu-long(300)
Effects of drought stress on physiological characteristics in seedlings of different <i>Jatropha curcas</i> provenances	 XIE An-de, TANG Chun-hong, PAN Qi-long, et al(306)
Characteristics of light intensity in summer in the gaps in the mixed spruce - fir forest in Changbai Mountain	 HUANG Chuan-xiang, KANG Xin-gang, WANG Jing-jing, et al(312)
Photosynthetic characteristics of 6 trees under <i>Pinus elliotii</i> forest in Red Soil Regions	 WU Tong-gui, ZENG Guang-quan, ZHOU Xiao-ping, et al(318)
Chlorophyll content and diurnal variation characteristics of chlorophyll fluorescence of <i>Lycoris radiata</i> under inter-planting system of forestry and medicinal herb	 YANG Zhi-ling, YANG Xu, TAN Zi-feng, et al(322)
Effects of hill closing for forestation on soil fertility quality in north subtropical areas	 MA Shao-jie, LI Zheng-cai, ZHOU Ben-zhi, et al(328)
A study of stress tolerance of a candidate plant— <i>Sedum aizoon</i> L. for green roof	 ZHAO Ge, YUAN Hong-yan, WEI Ling - zhi, et al(335)
Effects of chemically assisted enucleation on the enucleation rate of Yanbian cattle oocytes and the development of their reconstructed embryos	 WANG Yu-han, ZHU Yu-xia, YIN Duo, et al(340)
The effect of nutritional crossbreeding between <i>Apis cerana cerana</i> and <i>Apis mellifera ligustica</i> on anti-pesticide performance	 WANG Zhi-ping, HE Xu-jiang, CHEN Li-hua, et al(345)
Cytogenetic analysis of <i>Thymallus arcticus grubei</i> Dybowski	 XUE Shu-qun, YIN Hong-bin, ZHAO Ji-wei(350)
Determination of the antimicrobial activity of antibacterial substances produced by biocontrol bacteria <i>Streptomyces fradiae</i> var S-221	 NI Guo-rong, PAN Xiao-hua, ZHANG Zhi-ping, et al(355)
A study on the flavonoids production by <i>Ginkgo biloba</i> suspension cell culture	 HU Yan-mei, HAN Xiao-hong, ZHOU Quan(360)
A study on optimum technology for extracting total flavonoids from silkworm larvae by microwave-assisted extraction	 PENG Jin-nian, CHENG Geng Jin-sheng, HU Hong-kai, et al(364)
The separation and identification of harmful and beneficial microorganisms from traditional preserved fruit	 XU Fang, XIAO Geng-sheng, TANG Dao-bang, et al(369)
The comparison and analysis of the producing ability of the ligninolytic enzyme system in different types of edible fungi	 XU Jian-zhong, HU Kai-hui, SUN Shu-jing, et al(375)
Comprehensive evaluation of nutrients based on matter - element model in the northeastern sichuan basin—A case of Pingchang County in Sichuan Province	 XIAO Jiu-jin, MA Hong-xing, WANG Li, et al(381)
On seasonal hydrographic variety and environmental capacity of Poyang Lake	 JIN Guo-hua, XIE Dong-ming, DENG Hong-bing, et al(388)
A study on detection of dichlorvos residue on navel orange surface by means of fluorescence spectrum	 XUE Long, LI Jing, LIU Mu-hua, et al(394)