

目 次

新麦草(*Psathyrostachys juncea*) 两个高分子量谷蛋白亚基基因上游序列的克隆与分析 杨帆, 颜泽洪, 代寿芬, 韩畅, 胡喜贵(397)

普通小麦中两个 *ph* 系杂种对部分同源染色体配对的影响 郝明, 罗江陶, 杨敏, 张连全, 刘登才(403)

中国新疆与黄河流域节节麦的传播关系 王庆, 黄林, 袁中伟, 胡喜贵, 刘登才(407)

提莫非维小麦高分子量谷蛋白亚基遗传多样性分析 徐黎黎, 钟美玉, 李伟, 魏育明(411)

5 个越南水稻恢复系主要农艺性状的配合力及遗传力 吕建群, 陈林, 戴怀根, 岑焱, 曾宪平(415)

水稻栽后前期根系与地上部增重模型及相互关系 任万军, 黄云, 刘代银, 帅玲, 杨文钰(421)

干旱河谷一山地森林交错带植被调控模式对土壤 N 和 P 的影响 许维宏, 吴福忠, 杨万勤, 张健(426)

四川乡土杨树种质资源收集和优树选择 万雪琴, 张帆, 钟宇, 王长亮, 丁云海, 钱忠亮, 胡庭兴(432)

乌冈栎种群数量动态分析 谢春平, 方彦, 方炎明(438)

葡萄浆果发育期果皮、果肉和叶中内源激素含量的变化 张国海, 李学强, 李秀珍, 史国安, 夏仁学(449)

不同海拔高度对青脆李生理辐射光谱、光合特性及果实品质的影响 龚荣高, 丁建林, 张光伦(454)

白菜型油菜与海甘蓝属间杂交时花粉与柱头相互作用 汤天泽, 税红霞, 牛应泽, 蒙大庆, 李芝凡, 胥岚, 范其新, 陈军, 刘念(459)

淫羊藿属 6 种植物的花粉活力与柱头可授性 李冰瑶, 罗莉, 汤利, 李燕, 丁春邦(463)

披碱草属物种 AFLP 体系优化 陈仕勇, 马啸, 齐晓芳, 张新全(467)

不同植被覆盖土壤水库容特征及渗透速率 刘艇, 王继红(471)

乌江流域降雨和径流的周期变化 熊亚兰, 张科利, 杨光傲, 顾再柯(475)

川中丘陵区紫色土坡耕地土壤侵蚀特征 杨占彪, 朱波, 林立金, 杨远祥, 朱雪梅(480)

基于 GIS 的山区小尺度土地利用景观格局变化分析
——以犍为县玉津镇为例 张培, 周宝同, 岳巧丽, 王娜(486)

枯草芽孢杆菌的定殖能力及对玉米纹枯病的防治效果 邱小燕, 张敏, 胡晓, 汤智鹏, 万津瑜(492)

鸡痘病毒和葡萄球菌混合感染的病原分离与鉴定 田明星, 赵芳芳, 石敏, 曹三杰, 文心田, 黄勇(497)

核受体辅激活蛋白 1 基因(*NCOA1*)作为鸡产蛋性状候选基因的研究 黎寿丰, 赵振华, 黄华云, 张静, 丁余荣(501)

3 种鲟鱼纯种及杂交种后代育苗比较 王念民, 杨贵强, 彭涛, 曲秋芝, 孙大江, 吴文化, 王国锋, 张永旺, 刘晓勇(507)

两种生猪饲养模式的生产效率比较 王芳, 岑华芳, 陈俊安(512)

四川农业大学 2000—2009 年 SCIE 收录学术论文统计分析 瞿晓静, 陈利华(518)

弘扬“川农大精神”, 建设有特色高水平“211 工程”大学 张禧, 邓良基(523)

CONTENTS

Isolation and Characterization of Upstream Sequences of Two High-Molecular-Weight Glutenin Subunit Genes from *Psathyrostachys juncea* YANG Fan, YAN Ze-hong, DAI Shou-fen, HAN Chang, HU Xi-gui (397)

Effects of Hybrid Backgrounds between Two *ph* Lines on Homoeologous Chromosome Pairing HAO Ming, LUO Jiang-tao, YANG Min, ZHANG Lian-quan, LIU Deng-cai (403)

Transmission Relationship Between *Aegilops tauschii* Cossons in Xinjiang and Yellow River Basin in China WANG Qing, HUANG Lin, YUAN Zhong-wei, HU Xi-gui, LIU Deng-cai (407)

Genetic diversity of High Molecular Weight Glutenin Subunits in *Triticum timopheevii* Zhuk. XU Li-li, ZHONG Mei-yu, LI Wei, WEI Yu-ming (411)

Combining Ability and Heritability of Major Agronomic Characters in 5 Vietnamese Rice Restorer Lines LU Jian-qun, CHEN Lin, DAI Huai-gen, CEN Jin, ZENG Xian-ping (415)

Exponential Model of Root Weight and Shoot Growth of Rice and Correlation with Each other in Early Stage after Transplanting REN Wan-jun, HUANG Yun, LIU Dai-yin, SHUAI Ling, YANG Wen-yu (421)

Effects of Vegetation Modified Mode on the Soil Nitrogen and Phosphorus Characteristics at Ecotone between Dry Valley and Mountain Forest XU Wei-hong, WU Fu-zhong, YANG Wan-qin, ZHANG Jian (426)

Germplasm Resources Collection and Plus-trees Selection of Native Poplar in Sichuan WAN Xue-qin, ZHANG Fan, ZHONG Yu, DING Yun-hai, WANG Chang-liang, QIAN Zhong-liang, HU Ting-xing (432)

Analysis of the Population Dynamics of *Quercus phillyraeoides* XIE Chun-ping, FANG Yan, FANG Yan-ming (438)

Changes in Content of Endogenous Hormones in Fruit Peel, Fruit Flesh and Leaf During Fruit Growth and Development of Grape ZHANG Guo-hai, LI Xue-qiang, LI Xiu-zhen, SHI Guo-an, XIA Ren-xue (449)

Studies on Physiological Radiation Spectrum and Photosynthetic Properties as well as Fruit Quality of Qingcui Plum at Different Altitudes GONG Rong-gao, DING Jian-lin, ZHANG Guang-lun (454)

A Study on Interaction between Pollen and Stigma through Intergeneric Crossing of *Brassica chinensis* with *Crambe abyssinica* TANG Tian-ze, SHUI Hong-xia, NUI Yin-ze, MENG Da-qing, LI Zhi-fan, XU Lan, FAN Qi-xin, CHEN Jun, LIU Nian (459)

Pollen Viability and Stigma Receptivity of Six *Epimedium* Species LI Bing-yao, LUO Li, TANG Li, LI Yan, DING Chun-bang (463)

Optimization of AFLP in *Elymus* (Poaceae) CHEN Shi-yong, MA Xiao, QI Xiao-fang, ZHANG Xin-quan (467)

Studies on Soil Reservoir Characteristics and Permeation Speed in Different Vegetative Cover Soil LIU Ting, WANG Ji-hong (471)

Periodic Changes of the Precipitation and Runoff in Wu River Watershed XIONG Ya-lan, ZHANG Ke-li, YANG Guang-xi, GU Zai-ke (475)

Characteristics of Soil Erosion on Sloping Field in the Central Hilly Areas of Sichuan YANG Zhan-biao, ZHU Bo, LIN Li-jin, YANG Yuan-xiang, ZHU Xue-mei (480)

Analysis of Small-scaled Landscape Patterns Changes in Mountain Areas Based on GIS
—A Case study of Yujin Town, Qianwei County ZHANG Pei, ZHOU Bao-tong, YUE Qiao-li, WANG Na (486)

Colonization Ability of *Bacillus subtilis* and its Protective Effect against *Rhizoctonia solani* QIU Xiao-yan, ZHANG Min, HU Xiao, TANG Zhi-peng, WAN Jing-yu (492)

Isolation and Identification of Pathogens from Chickens Co-infected with Fowlpox Virus and *Staphylococcus* TIAN Ming-xing, ZHAO Fang-fang, SHI Min, CAO San-jie, WEN Xin-tian, HUANG Yong (497)

The Study on Nuclear Receptor Co-activator 1 Gene (*NCOA1*) as Candidate Gene for Reproduction Traits in Chicken LI Shou-feng, ZHAO Zhen-hua, HUANG Hua-yun, ZHANG Jing, DING Yu-rong (501)

Comparison of Offspring Survival of Three Kinds of Sturgeons' Purebreds and Crossbreds WANG Nian-min, YANG Gui-qiang, PENG Tao, QU Qiu-zhi, SUN Da-jiang, WU Wen-hua, WANG Guo-feng, ZHANG Yong-wang, LIU Xiao-yong (507)

Analysis on Production Efficiency of Two Pig-raising Patterns of China WANG Fang, CEN Hua-fang, CHEN Jun-an (512)

Statistics and Analysis of Sichuan Agricultural Universitys SCIE Papers Science 2000 to 2009 QU Xiao-jing, CHEN Li-hua (518)

Carry Forward "Spirit of Sichuan Agricultural University" Building High-level "211 Project" University with Characteristics ZHANG Xi, DENG Liang-ji (523)