

ISSN 1000-1573

CODEN HNDBEM

HEBEI NONGYE DAXUE XUEBAO
JOURNAL OF AGRICULTURAL UNIVERSITY OF HEBEI

河北农业大学

学报



第35卷 第4期

2012

目 次

- 河北省小麦品种基于 SSR 标记的遗传多样性研究 李远, 赵檀, 王睿辉, 等 (1)
氮肥基追比和追氮时期对超高产冬小麦生育及产量形成的影响 卜冬宁, 李瑞奇, 张晓, 等 (6)
供氮水平和有机无机配施对片麻岩土壤谷子生长及土壤硝态氮的影响
..... 李向文, 王红, 张爱军, 等 (13)
篦齿眼子菜对水体氮、磷去除效果的研究 张帆, 谢建治 (19)
冀北山地 5 个土壤发生学分类代表性剖面在系统分类中的归属研究 安红艳, 龙怀玉, 张认连, 等 (25)
甜瓜幼苗根系总蛋白提取方法的筛选及其电泳条件的建立 范龙泉, 胡新明, 赵进峰, 等 (33)
结球甘蓝-大白菜异源三倍体与结球甘蓝图回交获得初级三体的研究 李艳霞, 管志坤, 赵建军, 等 (37)
枣不同品种花粉发芽特性及人工授粉研究 梁春莉, 赵锦, 刘孟军 (41)
1-MCP 对采后雪花梨衰老和品质的影响 龚新明, 高曼曼, 关军锋, 等 (46)
3 种苹果潜隐性病毒一步多重 RT-PCR 检测体系的优化 陈红霞, 邵建柱, 孙建设, 等 (51)
苹果茎沟病毒的 RT-PCR 检测及其在我国苹果产区的分布 冀志蕊, 赵绪生, 王树桐, 等 (58)
发酵床除臭微生物的筛选与 Z-22 菌株的鉴定 李珊珊, 郭晓军, 张爱民, 等 (65)
一株拮抗细菌 HJ5 高产抗菌物质发酵条件优化 辛媛媛, 侯美玲, 郝志敏, 等 (70)
黑附球菌 XF1 菌株分生孢子产生和保存条件研究 夏丽琴, 王亚南, 苏艳超, 等 (75)
甜菜夜蛾围食膜几丁质结合蛋白 SeCBP66 在不同体系中的表达 刘彬, 李瑞军, 郭巍, 等 (80)
印度谷螟成虫复眼的外部形态及显微结构观察 陆苗, 范凡, 杨小凡, 等 (85)
猪 MyoD1 基因多态性与肉质性状的相关分析 赵广珍, 贾青, 张翠翠, 等 (90)
抗猪圆环病毒药物的体外筛选 王克宁, 刘聚祥, 姜富成, 等 (95)
蛔虫体腔液对 3T3-L1 细胞分化和凋亡的作用 褚军, 薛晓阳, 刘颖, 等 (100)
GC-MS 法分析葵花籽蜡和牡丹籽油的不皂化物及其中的二十八烷醇 王洋, 纪姝晶, 毛文岳 (104)
SO₄²⁻/Zr-MCM-41 分子筛的合成及其在酯催化反应中的应用 刘书静, 李云鹏, 王彦恩, 等 (108)
基于图像特征的猪肉新鲜度无损检测方法 肖珂, 段晓霞, 高冠东 (111)
正交设计在乙烯基 POSS 制备中的应用 孙彩云, 李芝, 宋云 (114)
基于实时性的图像插值加速算法研究 张玉新, 齐鸿志, 么炜 (118)
基于改进支持向量机的林业资金投资预测方法 陶佳, 沈红岩, 高冠东 (123)
一种数字图像空域加密新算法 王学刚, 杨素林 (127)
●河北省强势特色学科简介——作物学 (封二, 封三)

CONTENTS

Genetic diversity of bread wheat in Hebei province, China based on microsatellite markers	LI Yuan, ZHAO Tan, WANG Rui-hui, et al(1)
Effects of basal-topdressing ratio and topdressing time of nitrogen on the growth and development and grain yield formation in superhigh yielding winter wheat	BU Dong-ning, LI Rui-qi, ZHANG Xiao, et al(6)
Effect of nitrogen application rate and its combination with organic manure on millet growth and nitrate distribution in gneiss soil	LI Xiang-wen, WANG Hong, ZHANG Ai-jun, et al(13)
Study on the removal capacity of <i>Potamogeton pectinatus</i> to nitrogen and phosphorus in water	ZHANG Fan, XIE Jian-zhi(19)
The belonging of 5 representative genetic soil profiles in the north of Hebei in Chinese soil taxonomy	AN Hong-yan, LONG Huai-yu, Zhang Ren-lian, et al(25)
Extraction of total protein and establishment of electrophoresis system of muskmelon root	FAN Long-quan, HU Xing-ming, ZHAO Jin-feng, et al(33)
Production of a primary trisomic from progeny of cabbage-Chinese cabbage allotriploid backcrossing with cabbage	LI Yan-xia, GUAN Zhi-kun, ZHAO Jian-jun, et al(37)
Pollen germination characteristics and artificial pollination between cultivars in Chinese jujube	LIANG Chun-li, ZHAO Jin, LIU Meng-jun(41)
Effects of 1-MCP on senescence and quality of harvested 'Xuehua' pear	GONG Xin-ming, GAO Man-man, GUAN Jun-feng, et al(46)
Quick detection of three apple latent viruses by one-step multiplex RT-PCR	CHEN Hong-xia, SHAO Jian-zhu, SUN Jian-she, et al(51)
RT-PCR detection and distribution of ASGV in the apple producing areas of China	JI Zhi-rui, ZHAO Xu-sheng, WANG Shu-tong, et al(58)
Isolation of deodorization microorganism for fermentation bed and identification of strain Z-22	LI Shan-shan, GUO Xiao-jun, ZHANG Ai-min, et al(65)
The optimal fermentation conditions of HJ5 for high production of antimicrobial substance	XIN Yuan-yuan, HOU Mei-ling, HAO Zhi-min, et al(70)
Conidia production and preservation conditions of <i>Epicoccum purpurascens</i> strain XF1, a bio-control candidate fungus	XIA Li-qin, WANG Ya-nan, SU Yan-chao, et al(75)
Expression of peritrophic membrane chitin binding protein SeCBP66 of <i>Spodoptera exigua</i> in different systems	LIU Bin, LI Rui-jun, GUO Wei, et al(80)
External morphology and microstructure of the compound eye of <i>Plodia interpunctella</i> (Lepidoptera: Arctiidae)	LU Miao, FAN Fan, YANG Xiao-fan, et al(85)
Relationship between polymorphism of <i>MyoD1</i> and meat quality traits in pig	ZHAO Guang-zhen, JIA Qing, ZHANG Cui-cui, et al(90)
Screening of the drugs against porcine circovirus <i>in vitro</i>	WANG Ke-ning, LIU Ju-xiang, JIANG Fu-cheng, et al(95)
Effects of ascaris body cavity fluid on differentiation and apoptosis of 3T3-L1 preadipocytes	CHU Jun, XUE Xiao-ying, LIU Ying, et al(100)
Measurement of the non-saponifiable matters and octacosanol in peony seed oil and sunflower seed wax by gas chromatography-mass spectrometry(GC-MS) method	WANG Yang, JI Shu-jing, MAO Wen-yue, et al(104)
Synthesis of SO ₄ ²⁻ /Zr-MCM-41 and application in catalytic esterification	LIU Shu-jing, LI Yun-peng, WANG Yan-en, et al(108)
Non destructive detection of pork freshness based on image features	XIAO Ke, DUAN Xiao-xia, GAO Guan-dong(111)
Application of orthogonal design in the preparation of POSS	SUN Cai-yun, LI Zhi, SONG Yun(114)
Interpolation accelerated algorithm research based on real-time image	ZHANG Yu-xin, QI Hong-zhi, YAO Wei(118)
A novel forestry investment forecast method based on improved support vector machine	TAO Jia, SHEN Hong-yan, GAO Guan-dong(123)
A novel method of space-domain image encryption	WANG Xue-gang, YANG Su-lin(127)