

《中国农业科学》2014 年 (47 卷) 总目次

专题

昆虫几丁质代谢与植物保护

- | | | |
|----------|---|------|
| 7 (1301) | 专题导读 | |
| 7 (1303) | 昆虫糖基水解酶 20 家族 β -N-乙酰己糖胺酶研究进展 | 屈明博等 |
| 7 (1313) | 中华稻蝗几丁质酶基因 10 (<i>OcCht10</i>) 的分子特性及功能 | 李大琪等 |
| 7 (1321) | 中华稻蝗几丁质脱乙酰基酶 2 基因的分子特性和生物学功能 | 于荣荣等 |
| 7 (1330) | 飞蝗几丁质合成酶 2 基因的表达特性、功能及调控 | 刘晓健等 |
| 7 (1341) | 亚洲玉米螟两种漆酶基因 <i>OjLac1</i> 和 <i>OjLac2</i> cDNA 的克隆及基因表达 | 陈 鹏等 |
| 7 (1351) | 甜菜夜蛾 <i>UAP</i> 的克隆、时空表达及 RNAi 研究 | 陈 洁等 |

农产品安全

- | | | |
|-----------|-----------------------------------|------|
| 18 (3618) | 食用植物性农产品质量安全研究进展 | 李培武等 |
| 18 (3633) | 水稻镉代谢与控制研究进展 | 朱智伟等 |
| 18 (3641) | 小麦中镰刀菌毒素脱氧雪腐镰刀菌烯醇污染现状与防控研究进展 | 史建荣等 |
| 18 (3655) | 苹果农药残留风险评估 | 聂继云等 |
| 18 (3668) | 农产品中黄曲霉毒素的时间分辨荧光免疫层析快速检测技术研究 | 张兆威等 |
| 18 (3675) | 利用 PCR-RFLP 方法鉴别黄曲霉毒素产毒菌株 | 孙长坡等 |
| 18 (3684) | 阿维菌素在黄瓜和土壤中的残留及其消解动态 | 金 芬等 |
| 18 (3691) | 猪 β_2 肾上腺素能受体基因克隆及穿梭表达质粒的构建 | 王 健等 |

高效、安全、规模化转基因技术：机会与挑战

- | | | |
|-----------|---------------------|------|
| 21 (4139) | 专题导读 | 万建民等 |
| 21 (4141) | 水稻规模化转基因技术体系构建与应用 | 张 欣等 |
| 21 (4155) | 小麦规模化转基因技术体系构建及其应用 | 叶兴国等 |
| 21 (4172) | 玉米规模化转基因技术体系构建及其应用 | 刘允军等 |
| 21 (4183) | 棉花规模化转基因技术体系构建及其应用 | 刘传亮等 |
| 21 (4198) | 大豆规模化转基因技术体系的构建及其应用 | 侯文胜等 |
| 21 (4211) | 猪规模化转基因技术体系构建及其应用 | 牟玉莲等 |
| 21 (4224) | 牛规模化转基因技术体系构建轨迹和展望 | 孟庆勇等 |
| 21 (4234) | 绵羊转基因技术体系构建及研究进展 | 刘明军等 |

作物遗传育种·种质资源·分子遗传学

- | | | |
|---------|---|------|
| 1 (1) | 转基因水稻基因飘流研究十年回顾 | 贾士荣等 |
| 1 (11) | 利用产量功能基因标记分析三系杂交水稻亲本的遗传多样性 | 张 涛等 |
| 1 (24) | 利用甘蓝型油菜高密度 SNP 遗传图谱定位油酸、亚麻酸及芥酸含量 QTL 位点 | 刘列钊等 |
| 2 (209) | 植物转录因子 NAP 亚家族的研究进展 | 范 凯等 |

- 2 (221) 水稻 507ys 黄绿叶突变体的遗传鉴定与候选基因分析 李燕群等
- 2 (230) 冀豆 12 遗传背景下 3 个回交组合高低蛋白含量后代品系 SSR 标记分析 陈 强等
- 3 (411) 大豆耐盐相关基因 *GmNcl1* 的序列单倍型及表达分析 赫 卫等
- 3 (422) 芝麻耐湿性 QTL 定位及优异耐湿基因资源挖掘 张艳欣等
- 4 (613) 磷转运蛋白基因 *TaPHT2;1* 在染色体上定位及对小麦磷素吸收和利用效率的影响 郭 丽等
- 4 (622) 紫花苜蓿盐诱导 HD-Zip 类转录因子 *MsHB2* 的克隆及功能分析 李明娜等
- 5 (823) 植物安全转基因技术研究现状与展望 王根平等
- 5 (844) 人工合成小麦衍生品种的物质积累、冠层结构及群体光合特性 汤永禄等
- 5 (856) 中国 328 个玉米品种(组合) SSR 标记遗传多样性分析 王凤格等
- 6 (1041) 棉花烟酰胺合成酶基因 *GbNocotin* 及其启动子的克隆和功能分析 杨郁文等
- 6 (1051) 转 *G10aroA* 棉花株系的获得及分子生物学鉴定 王 霞等
- 6 (1058) 林烟草 *KUP/HAK/KT* 钾转运体基因 *NsHAK11* 的亚细胞定位与表达 宋毓峰等
- 7 (1243) 利用 InDel 标记鉴定浙优系列杂交稻籼粳属性和预测杂种优势 王林友等
- 7 (1256) 特异玉米种质四路糯的穗行数遗传解析 焦付超等
- 7 (1265) 山西谷子资源叶酸含量分析及评价 邵丽华等
- 8 (1445) 筛选和转化药用野生稻 TAC 克隆获得耐旱水稻 刘 蕊等
- 8 (1458) 过量表达棉花 *GhSAP1* 提高转基因烟草的耐盐性 丁林云等
- 8 (1471) 油菜籽含油量和蛋白质含量的种子胚与母体植株 QTL 定位 许剑锋等
- 9 (1657) 小麦重要自噬相关基因 *ATG18* 的鉴定和表达分析 孙 鸿等
- 9 (1670) 小麦雄性不育系绒毡层异常代谢与小孢子败育的关系 张鹏飞等
- 9 (1681) 幼苗期大豆根系性状的遗传分析与 QTL 检测 梁慧珍等
- 10 (1865) 小麦 *TaSnRK2.10* 的多态性及与农艺性状的关联 王 倩等
- 10 (1878) 人工劣变处理对玉米种胚差异基因表达的影响 杨伟飞等
- 10 (1894) 基于基因组的绒毛状烟草和林烟草 microRNA 及其靶基因分析 李 凌等
- 11 (2069) 一个水稻早衰突变体基因的精细定位 赵春德等
- 11 (2078) 基于基因特异性标记分析 *Pm21* 在中国冬小麦品种(系)中的分布 江 峥等
- 11 (2088) 绿豆高密度分子遗传图谱的构建 吴传书等
- 12 (2281) 小麦新品种川麦 104 的遗传构成分析 李 俊等
- 12 (2292) 小麦盐胁迫响应基因 *TaSRP* 的克隆及功能鉴定 胡 笛等
- 12 (2300) 小麦亲本及其杂交后代苗期氮代谢相关指标的遗传与表达差异 王琳琳等
- 13 (2485) 水稻 P450 基因 *Oscyp71Z2* 增强稻瘟病抗性的机制 李文奇等
- 13 (2494) 小麦蛋白激酶 TaMAPK2 互作蛋白的筛选与验证 于太飞等
- 13 (2504) 参与农杆菌侵染及 T-DNA 转运过程植物蛋白的研究进展和思考 赵 佩等
- 14 (2699) 超级杂交稻两优培九产量杂种优势标记与 QTL 分析 辛业芸等
- 14 (2715) 转基因水稻中 GUS 蛋白质的检测及其表达特征 牛东东等
- 14 (2723) 中国不同年代主推玉米品种品质性状的变化趋势 孙 琦等
- 15 (2907) 水稻斑马叶突变体 *zebra524* 的表型鉴定及候选基因分析 李燕群等
- 15 (2916) 小麦骨干亲本京 411 及衍生品种苗期根部性状的遗传 肖永贵等
- 15 (2927) 不同基因型大豆耐荫性分析及其鉴定指标的筛选 李春红等
- 16 (3121) 耐热和热敏感水稻应答灌浆初期高温胁迫过程中的差异表达蛋白质鉴定 廖江林等
- 16 (3132) NaCl 和 Na₂CO₃ 对不同棉花基因组的 DNA 甲基化影响 陆许可等

- 17 (3323) 不同杂种优势群玉米籽粒灌浆速率分析 张冬梅等
- 17 (3336) 高粱胚乳细胞与母体组织发育关系的研究 李栋梁等
- 17 (3348) 苜蓿谷氨酰胺合成酶 BnGS2 等位基因的克隆及其转基因烟草特性 郑建树等
- 18 (3523) 植物应答低温胁迫的转录调控网络研究进展 刘 辉等
- 18 (3534) 大豆 (*Glycine max*) GmDREB5 互作蛋白 GmUBC13 的特性及功能 徐东北等
- 19 (3725) 基于荧光检测技术的小麦品种 SSR 鉴定体系的建立 郑永胜等
- 19 (3736) 两个小麦 LEA 基因的特征及其对非生物胁迫的响应 刘露露等
- 19 (3746) 利用 RNAi 抑制 *B-hordein* 合成降低大麦籽粒蛋白质含量 李静雯等
- 20 (3929) 棉花晋 A 细胞质雄性不育系及其保持系差异蛋白质组分析 杨 鹏等
- 20 (3941) 栽培大豆农艺性状的关联分析及优异等位变异挖掘 杨胜先等
- 20 (3953) 基于 SNP 遗传图谱定位甘蓝型油菜千粒重 QTL 位点 荐红举等
- 22 (4349) 黄萎病菌侵染下陆地棉 *Dirigent-like* 蛋白基因表达差异分析 郭宝生等
- 22 (4360) 中国玉米品种审定现状分析 杨 扬等
- 22 (4371) 苜蓿自交纯合进度研究 谭龙涛等
- 23 (4551) 海南南繁区水稻基因飘流的最大阈值距离及其时空分布特征 胡 凝等
- 23 (4563) 玉米 Dof 转录因子家族的全基因组鉴定与分析 葛 敏等
- 23 (4573) 紫花苜蓿盐诱导类受体蛋白激酶基因 *MsSIK1* 的克隆及功能分析 郭 鹏等
- 24 (4769) 利用基因芯片技术进行小麦遗传图谱构建及粒重 QTL 分析 陈建省等
- 24 (4780) 基于 GGE 双标图的长江流域国审棉花品种分类特征评价 许乃银等

耕作栽培·生理生化·农业信息技术

- 1 (33) 玉米不同基因型双列杂交后代抽丝后氮素代谢特性 刘春晓等
- 1 (43) 施钾时期对甘薯济徐 23 块根淀粉积累与品质的影响及酶学生理机制 柳洪鹏等
- 2 (240) 硅介导稻瘟病抗性的生理机理 葛少彬等
- 2 (252) 低温胁迫下拟南芥表皮蜡质的响应机制 倪 郁等
- 3 (431) 基于机器视觉的玉米叶片透射图像特征识别研究 唐 俊等
- 3 (441) 棉花优化成铃栽培理论及其新发展 董合忠等
- 3 (452) 北方冬油菜抗寒性的形态与生理机制 杨宁宁等
- 4 (633) 补充灌溉和施氮对玉米籽粒淀粉粒粒度分布的影响 石德杨等
- 4 (644) 不同抗旱性花生品种的叶片形态及生理特性 厉广辉等
- 4 (655) 干旱胁迫对持绿性高粱光合特性和内源激素 ABA、CTK 含量的影响 周宇飞等
- 4 (664) 基于计算机视觉的水稻叶部病害识别研究 刘 涛等
- 5 (865) 钵苗机插水稻群体动态特征及高产形成机制的探讨 胡雅杰等
- 5 (880) 渭北旱塬小麦玉米轮作区不同耕作方式对土壤水分和作物产量的影响 柏炜霞等
- 6 (1072) 磷素对水稻根表红棕色铁膜的影响及营养效应 傅友强等
- 6 (1086) 烟草壮苗指数模型研究 白 岩等
- 7 (1273) 中国水稻种植机械化高产农艺研究现状及发展探讨 张洪程等
- 7 (1290) 不同基因型棉花苗期耐盐性分析及其鉴定指标筛选 戴海芳等
- 8 (1481) 基于虚拟植物技术的冬小麦根系 3D 构型测试与分析 陈信信等
- 8 (1489) 不同玉米-大豆带状套作组合条件下光合有效辐射强度分布特征对大豆光合特性和产量的影响 崔 亮等
- 9 (1692) 不同降水年型休闲期耕作蓄水与旱地小麦籽粒蛋白质形成的关系 孙 敏等
- 9 (1705) 不同肉色甘薯块根主要营养品质特征与综合评价 唐忠厚等
- 10 (1904) 近 20 年东北气候变暖对春玉米生长发育及产量的影响 陈 群等

- 10 (1917) 辽西半干旱区垄膜沟种方式对春玉米水分利用和产量的影响 肖继兵等
- 10 (1929) 盆栽条件下土壤无机氮浓度对大豆结瘤、固氮和产量的影响 严 君等
- 11 (2099) 精确定量施肥对贵州高原山区杂交水稻产量与群体质量的影响 罗德强等
- 11 (2109) 高温和外源 ABA 对不同持绿型小麦品种籽粒发育及内源激素含量的影响 杨东清等
- 11 (2126) 硒减轻油菜幼苗硼毒害机理的研究 段碧辉等
- 11 (2135) 基于边界域修正粗糙熵模型的遥感影像分类不确定性评价 竞 霞等
- 12 (2313) 亚种间杂交稻不同冠层叶形组合产量差异及其形成机理 姜元华等
- 12 (2326) 磷酸二铵对大豆超高产品种养分吸收与利用的影响 赵玉昆等
- 13 (2519) 一个矮秆多分蘖水稻突变体的植物激素动态特性分析 刘 清等
- 13 (2529) 籼稻与粳稻花时对茉莉酸甲酯 (MeJA) 响应的敏感性差异 闫志强等
- 13 (2541) 北方旱寒区冬油菜种植气候适宜性研究 周冬梅等
- 14 (2731) 作物产量差研究进展 杨晓光等
- 14 (2742) 氮磷互作对水稻冠层光谱的影响及其 PNN 识别 李 颖等
- 14 (2751) 拔节期和开花期不同土层深度测墒补灌对北方小麦旗叶叶绿体超微结构和荧光特性的影响 刘月兰等
- 15 (2940) 干旱胁迫下小麦 (*Triticum aestivum* L.) 幼苗中 ABA 和 IAA 的免疫定位及定量分析 张 炜等
- 15 (2949) 综合农艺管理对夏玉米叶片衰老特性的影响 朱昆仑等
- 15 (2960) 河西制种基地玉米杂交种种子成熟期与种子活力的关系 樊廷录等
- 16 (3143) 全球气候变暖对中国种植制度的可能影响 X. 气候变化对东北三省春玉米气候适宜性的影响 赵 锦等
- 16 (3157) 非洲农业产量对气候变化响应与适应研究进展 史文娇等
- 17 (3359) 耕作方式与秸秆还田对冬小麦-夏玉米耗水特性和水分利用效率的影响 赵亚丽等
- 17 (3372) 营养液漂浮育苗棉苗根系适应水生环境的机理研究 张 昊等
- 18 (3545) 冬小麦种植面积空间抽样样本布局的优化设计 王 迪等
- 18 (3557) 不同熟期春玉米品种的籽粒灌浆特性 王晓慧等
- 18 (3566) 干旱胁迫对油菜蕾薹期生理特性及农艺性状的影响 白 鹏等
- 19 (3757) 不同类型水稻品种胚乳发育的研究 李栋梁等
- 19 (3769) 江汉平原小麦孕穗期空气相对湿度升高的产量效应 王小燕等
- 19 (3780) 基于氮素运转原理和 GRA-PLS 算法的冬小麦籽粒蛋白质含量遥感预测 李振海等
- 20 (3962) 外源糖调控玉米光合系统和活性氧代谢缓解盐胁迫 赵 莹等
- 20 (3973) 光质对玉米叶片光合及光系统性能的影响 张善平等
- 21 (4246) 农田尺度下冬小麦晚霜冻害空间差异及原因分析 武永峰等
- 21 (4257) 东北地区玉米主要气象灾害风险评估模型研究 高晓容等
- 22 (4380) ABA 缓解水稻孕穗期干旱胁迫生理特性的分析 郭贵华等
- 22 (4392) 旱地全膜覆土穴播对春小麦耗水、产量和土壤水分平衡的影响 侯慧芝等
- 22 (4405) 陕糯 1 号与非糯小麦西农 1330 胚乳发育及淀粉形态、粒径分析 余 静等
- 23 (4582) 双季稻区晚稻“籼改粳”品种筛选 花 劲等
- 23 (4595) 外源 NO 对缺氮胁迫下棉花幼苗形态及生长的调控效应 陈 静等
- 23 (4606) 磷酸二铵对单混种植条件下超高产大豆养分吸收和利用的影响 马兆惠等
- 24 (4790) 中国南方双季稻春季冷害动态监测 程勇翔等
- 24 (4805) 东北地区玉米主要气象灾害风险评估与区划 高晓容等

植物保护

- 1 (53) 草莓根颈腐烂病的病原鉴定 韩永超等
- 1 (61) 恒温和波动温度下西花蓟马的实验种群生命表 王海鸿等

- 1 (69) 喷雾方式对农药雾滴在水稻群体内沉积分布的影响 徐德进等
- 1 (80) 肺炎克雷伯氏菌 S001 草甘膦靶标酶基因的克隆及其抗性验证 张 纯等
- 2 (262) 内生芽孢杆菌 BS2 的 β -1,4-内切葡聚糖酶基因与定殖相关性 范晓静等
- 2 (273) 锯角豆芫菁法尼基焦磷酸合酶的 cDNA 克隆、序列分析及原核表达 付楠霞等
- 2 (284) 巢式 PCR 快速检测西瓜细菌性果斑病菌 王 婧等
- 3 (462) 辽宁省稻瘟病菌无毒基因型鉴定及分析 王世维等
- 3 (473) 铜胁迫对亚洲玉米螟生长发育与生殖的影响 王玉宏等
- 3 (482) 寄生蜂低温贮藏研究进展 赵 静等
- 4 (675) 水稻基腐病菌 HrpX/HrpY 在致病性中的功能分析 陈雪凤等
- 4 (685) 噬菌体展示纳米抗体模拟黄曲霉毒素抗原的活性表征 王妍入等
- 4 (693) 高温胁迫对柑橘全爪螨存活及生殖的影响 杨丽红等
- 5 (895) 致病疫霉 NLP 家族基因 *PITG_10839* 的克隆和功能分析 赵冬梅等
- 5 (903) 基于锁式探针的番茄溃疡病菌实时荧光 PCR 快速检测 王念武等
- 5 (912) 黏质沙雷氏菌次生代谢物对 TMV 的抑制机理 毕建华等
- 6 (1099) 增施矿质营养对烟草青枯病的控病效果及其作用机理 郑世燕等
- 6 (1111) 3 种甜樱桃病毒 PNRSV、PDV 及 LChV-2 的多重 RT-PCR 检测方法的建立与应用 宗晓娟等
- 6 (1119) 果树病毒载体研究进展 周 彦
- 8 (1502) *etr1-1* 在矮牵牛中诱导表达可提高叶片对灰霉病的抗性 王 宏等
- 8 (1512) 虫酰肼对斜纹夜蛾幼虫多巴脱羧酶基因表达的影响 张文慧等
- 8 (1522) 飞蝗羧酸酯酶基因 *LmCesF1* 的时空表达及与杀虫剂耐受性的关系 张建琴等
- 9 (1715) 玉米大斑病菌 MAPK 超家族的全基因组鉴定及途径模型建立 巩晓东等
- 9 (1725) 水稻草状矮化病毒感染寄主水稻差异表达蛋白的鉴定和分析 丁新伦等
- 9 (1735) 小菜蛾三个普通气味受体基因的克隆及表达谱 孔畅仪等
- 10 (1939) 烟草靶斑病菌内切多聚半乳糖醛酸酶基因 *endoPGs* 的克隆及表达特征分析 赵艳琴等
- 10 (1947) 橘小实蝇羧酸酯酶基因 *BdCAREB1* 的克隆及其表达模式解析 申光茂等
- 10 (1956) 飞蝗 3 个细胞色素 P450 基因的分子特性及功能 任晓宇等
- 11 (2142) 通过缺失大丽轮枝菌 *VdKu80* 构建其高效基因敲除受体菌株 田 李等
- 11 (2151) 柑橘木虱黄龙病菌携带量与其内生菌群相关性 孙丽琴等
- 11 (2162) 绿盲蝽超气门蛋白 *ALUSP* 的克隆、原核表达及纯化 谭永安等
- 12 (2335) 灰葡萄孢蚕豆分离物的遗传多样性 黄 燕等
- 12 (2348) 大丽轮枝菌分泌蛋白提取方法比较 肖红利等
- 12 (2357) 尖孢镰刀菌 *FoPLC4* 参与调控孢子形成和致病性 孙 玲等
- 13 (2552) 稻曲病菌致病力丧失突变菌株 B-1015 的 T-DNA 标记基因的克隆 黄 磊等
- 13 (2563) 水稻白叶枯病菌毒性表达的负调控因子 *PXO_02944* 的分子鉴定 李潇桐等
- 13 (2571) β -氨基丁酸诱导马铃薯对晚疫病的抗性组织化学及信号传导途径分析 王 静等
- 14 (2762) 中国主要稻区稻曲病菌的生物学特性及群体遗传多样性 王文斌等
- 14 (2774) 叶锈菌及信号分子诱导小麦 TcLr35 中 β -1,3-葡聚糖酶基因的表达分析 栗小英等
- 14 (2784) 利用酵母双杂交技术筛选介体灰飞虱中与水稻条纹病毒病害特异蛋白互作的蛋白质 秦发亮等
- 15 (2971) 灰葡萄孢 *BcKMO* 在病菌生长、发育和致病过程中的功能 李培芬等
- 15 (2980) 苹果树腐烂病菌 GTP-环化水解酶 II 基因敲除载体构建及其突变体的表型分析 宋 娜等
- 15 (2990) 北京地区二斑叶螨不同种群的药剂敏感性 宫亚军等
- 16 (3167) 灰葡萄孢犬尿酸单氧酶基因 *BcKMO* 调控病菌致病力的机制分析 李培芬等
- 16 (3174) 棉花多酚氧化酶基因 *GhPPO1* 的克隆及在棉铃虫取食诱导反应中的作用 朱香镇等

- 16 (3184) 橘小实蝇谷氨酸脱羧酶的生化及分子特性 魏冬等
- 17 (3382) 蛋白激酶 A 催化亚基 VdPKAC1 对菌丝型大丽轮枝菌 V07DF2 培养性状及致病力的调控 邓晟等
- 17 (3392) 植物病原真菌对几类重要单位点杀菌剂的抗药性分子机制 詹家绥等
- 17 (3405) 基于微流控芯片电泳的番茄黄化曲叶病毒快速检测 余明芬等
- 18 (3577) 环腺苷酸受体蛋白基因的过表达对刺糖多孢菌生长和多杀菌素合成的影响 徐妙等
- 18 (3588) 球孢白僵菌对烟粉虱后代生命表参数的亚致死影响 王登杰等
- 19 (3791) 灰飞虱原肌球蛋白的基因克隆、原核表达及多克隆抗体制备 徐秋芳等
- 19 (3799) 豌豆蚜温度受体基因 *Painless* 的克隆及时间和组织表达 魏金金等
- 19 (3810) 三种本地赤眼蜂对大豆食心虫卵的寄生潜能 林英等
- 20 (3982) 尖镰孢 EST-SSR 信息分析及分子标记建立 李新风等
- 20 (3992) 蓝莓炭疽病原菌鉴定及致病性测定 徐成楠等
- 20 (3999) 捕食螨携带白僵菌孢子的能力及所携孢子的活性和毒力 吴圣勇等
- 21 (4269) 三叶草斑潜蝇幼期密度效应及其与美洲斑潜蝇的种间竞争 益浩等
- 21 (4280) 稻叶表面特性及雾滴在倾角稻叶上的沉积行为 徐广春等
- 22 (4417) 大豆和烟草上大豆孢囊线虫田间侵染特征比较分析 赵洪海等
- 22 (4426) 蓝光促进绿僵菌产孢和产孢调节基因 *fluG* 表达 王苗苗等
- 22 (4436) 稻纵卷叶螟在探照灯下的扑灯节律 齐会会等
- 23 (4618) 139 份小麦品种(系)抗秆锈性测定及其 Ug99 抗病基因分子检测 吴限鑫等
- 23 (4627) 甘蔗黄叶病毒 P0 蛋白分子特性及其抑制 RNA 沉默活性 林艺华等
- 23 (4637) 烟蚜茧蜂触角的超微结构与冷藏对触角的影响 孙志娟等
- 24 (4821) 利用酵母双杂交筛选与苹果褪绿叶斑病毒 CP 互作的寄主因子 何乙坤等
- 24 (4830) 亚洲小车蝗卵过冷却能力与小分子糖醇及氨基酸的关系 李娜等

土壤肥料·节水灌溉·农业生态环境

- 1 (90) 水稻-大麦长期轮作体系钾肥效率及土壤钾素平衡 唐旭等
- 1 (100) 基于典范对应分析的甘肃引黄灌区土壤盐渍化特征研究 杨思存等
- 2 (292) 稻田不同供钾能力条件下秸秆还田替代钾肥效果 李继福等
- 2 (303) 红壤稻田长期施用猪粪的生态效益及承载力评估 柳开楼等
- 2 (314) 控释肥和添加剂对双季稻温室气体排放影响和减排评价 王斌等
- 2 (324) 产芽孢木质素降解菌 MN-8 的筛选及其对木质素的降解 李红亚等
- 3 (495) 淮北砂姜黑土酶活性对长期不同施肥模式的响应 陈欢等
- 3 (503) 钾矿物晶体结构对黑曲霉生长代谢及钾与硅的溶出影响 孙德四等
- 3 (514) 江西省双季稻田多作复合种植系统的能值分析 孙卫民等
- 4 (702) 寒地稻田土壤氮素矿化特征的研究 彭显龙等
- 4 (710) 粗糙集理论在土壤肥力评价指标权重确定中的应用 叶回春等
- 5 (923) 30 年间河北省曲周县土壤速效钾的时空变异特征及其影响因素 张玲娥等
- 5 (934) 紫色土区植物篱模式对坡耕地土壤抗剪强度与抗冲性的影响 蒲玉琳等
- 6 (1128) 基于土壤条件的边缘绿洲典型灌区灌溉需水研究 苏永中等
- 6 (1140) 基于文献计量的农业面源污染研究发展态势分析 高懋芳等
- 7 (1362) 不同水氮供应对小南瓜根系生长、产量和水氮利用效率的影响 刘世全等
- 7 (1372) 日照和蒸散发量对微藻生长的影响 冯婷等
- 8 (1531) 不同畦宽灌溉对小麦耗水特性和产量及水分利用效率的影响 马尚宇等

- 8 (1541) 自然降雨条件下夏玉米冠层截留特征及影响因素 韩 雪等
- 9 (1743) 玉米-大豆带状套作对大豆根瘤性状和固氮能力的影响 于晓波等
- 9 (1754) 1961—2010 年中国主要麦区冬春气象干旱趋势及其可能影响 房世波等
- 9 (1764) 灌溉对农田温室效应贡献及土壤碳储量影响研究进展 齐玉春等
- 10 (1966) 滴灌施肥对免耕冬小麦水分利用及产量的影响 陈 静等
- 10 (1976) 冬种绿肥对早稻产量及稻田杂草群落的影响 陈洪俊等
- 11 (2173) 长期不同施肥红壤粒径分布的多重分形特征 孙 梅等
- 11 (2182) 辣椒生长对土体构造和水分条件的响应 姬雅琳等
- 12 (2365) 黄土坡耕地地表糙度的空间异质性研究 张 莉等
- 12 (2374) 基于可见-近红外光谱变量选择的土壤全氮含量估测研究 杨梅花等
- 12 (2384) 不同品种水稻对土壤中镉的富集特征及敏感性分布 (SSD) 孙 聪等
- 13 (2580) 长期施肥下淮北砂姜黑土区小麦产量稳定性研究 陈 欢等
- 13 (2591) 基于分形理论和地质统计学的表层土壤颗粒大小分布变化特征 张世文等
- 14 (2795) 长期施氮引起的黄土高原旱地土壤不同形态碳变化 李小涵等
- 14 (2804) 施氮方式对玉米根系生长、产量和氮素利用的影响 漆栋良等
- 15 (2998) 多种时序 NDVI 重建方法比较与应用分析 张 晗等
- 15 (3009) 利用 CMIP5 多模式集合模拟气候变化对中国小麦产量的影响 杨 绚等
- 16 (3195) 中国: 1 : 5 万比例尺数字土壤的构建 张维理等
- 16 (3214) 土壤分类研究回顾与中国土壤分类系统的修编 张维理等
- 16 (3231) 海量空间数据提取、整合与制图表达方法概要 张维理
- 16 (3250) 智能化海量空间信息分析与地图制图软件包 IMAT 设计及构建 张维理
- 17 (3414) 中国水稻产量和氮素吸收量对高效氮肥响应的整合分析 苑俊丽等
- 17 (3424) 长期施肥对植烟土壤养分及微生物群落结构的影响 陈丹梅等
- 17 (3434) 基于水稻根伸长的不同土壤中镉 (Cd) 毒性阈值 (EC_x) 及预测模型 宋文恩等
- 18 (3596) 中国化肥投入区域差异及环境风险分析 刘钦普
- 18 (3606) 不同种植模式对南方丘陵旱地土壤水分利用与作物周年生产力的影响 汤文光等
- 19 (3817) 长期施肥下黄壤性水稻土有机碳组分变化特征 张丽敏等
- 19 (3826) 渭北旱地冬小麦监控施氮技术的优化 曹寒冰等
- 19 (3839) 水氮对冬小麦-夏玉米产量及氮利用效应研究 吕丽华等
- 20 (4007) 施肥对洞庭湖平原水稻土团聚体特征及其有机碳分布的影响 李文军等
- 20 (4016) 不同水氮管理下锌与氮磷肥配合喷施对冬小麦锌营养品质的影响 李宏云等
- 20 (4027) 不同施肥与耕作对紫色土坡耕地土壤侵蚀及氮素流失的影响 闫建梅等
- 21 (4291) 不同利用方式下土壤矿物结合态有机碳特征与容量分析 蔡岸冬等
- 21 (4300) 氮素水平对萝卜干物质累积特征及源库活性的影响 王 雪等
- 22 (4445) 水氮供应与番茄产量和生长性状的关联性分析 刘世全等
- 22 (4453) 新疆滴灌棉田休闲期土壤入渗特性研究 姚宝林等
- 22 (4463) 农艺措施对干旱区棉田土壤有机碳及微生物量碳含量的影响 张前兵等
- 23 (4648) 全球气候变化下中国农田土壤碳库未来变化 张旭博等
- 23 (4658) 不同放牧强度下温性草甸草原土壤生物性状及与地上植被的关系 谭红妍等
- 23 (4668) 堆置与添加蛭石对污泥蚓粪培育茄子幼苗的影响 赵海涛等

- 24 (4840) 模拟条件下不同耕作措施和雨强对地表糙度的影响 梁心蓝等
 24 (4850) 鄂东南崩岗洪积扇土壤物理性质空间分异特征 邓羽松等
 24 (4858) 几种保护措施对红壤坡地水文过程及干旱的影响 林丽蓉等

园 艺

- 1 (111) 中国 50 个甘蓝代表品种 EST-SSR 指纹图谱的构建 王庆彪等
 1 (122) 黄瓜黑色果刺基因染色体定位及候选基因分析 刘书林等
 1 (133) 茶树 CHS 基因结构及编码区单核苷酸多态性分析 张丽群等
 2 (334) 野生‘龙门香橙’的植物学特征观察及起源研究 曾继吾等
 2 (344) 核桃 NBS 类抗病基因类似物的序列特征及其与炭疽病的抗性 安海山等
 2 (357) 加工番茄品种多性状综合评价方法研究 韩泽群等
 2 (366) 秸秆和生物质炭对苹果园土壤容重、阳离子交换量和氮素利用的影响 葛顺峰等
 3 (528) 基于西双版纳黄瓜的遗传图谱构建及其重要农艺性状 QTL 定位分析 马 政等
 3 (537) 持续弱光胁迫对马铃薯苗期生长和光合特性的影响 秦玉芝等
 3 (546) 紫杉二烯合酶基因在灵芝中的表达 辛燕花等
 4 (718) 生姜种质遗传多样性和亲缘关系的 SRAP 分析 李 秀等
 4 (727) ‘乔纳金’苹果及其脆肉芽变果实质地发育机理 陈学森等
 5 (946) 钾肥对富士苹果着色的影响及机理 姜学玲等
 5 (955) 不同施磷水平下 4 种柑橘砧木的根际土壤有机酸、微生物及酶活性 罗 燕等
 5 (968) 生物炭对缓解对羟基苯甲酸伤害平邑甜茶幼苗的作用 王艳芳等
 6 (1151) 苹果 MADS-box 转录因子的生物信息学及其在不同组织中的表达 董庆龙等
 6 (3362) 南丰蜜橘化渣性评价及不同结果习性果实的品质比较 魏清江等
 6 (1171) 高温胁迫下外源一氧化氮对生姜叶片多胺代谢及 PSII 的调控作用 李 秀等
 7 (1379) ‘亚历山大’葡萄果实单萜生物合成相关基因转录及萜类物质积累规律 孙 磊等
 7 (1387) 枇杷质膜水孔蛋白基因 *EjPIP1* 的克隆及 AM 真菌对其表达的影响 张 燕等
 8 (1550) 黄瓜成熟瓜网纹基因 *H* 遗传定位及候选基因分析 王 敏等
 8 (1558) 露地栽培条件下百合的生长规律及种球繁殖技术 王 莹等
 9 (1774) 荔枝花芽分化研究进展 陈厚彬等
 9 (1784) 设施栽培下不同灌溉处理对‘希姆劳特’植株生长及果实的影响 李雅善等
 10 (1985) 黄瓜生长素反应因子 (ARF) 家族鉴定及表达特异性分析 盛 慧等
 10 (1995) 增氧栽培对桃幼树根系构型及氮素代谢的影响 肖元松等
 11 (2193) 新疆红肉苹果杂种一代的遗传变异及功能型苹果优株评价 陈学森等
 11 (2205) 苹果细菌人工染色体双色 DNA 纤维荧光原位杂交体系的建立及应用 王三红等
 12 (2395) 孔雀草杂交组合遗传效应分析 潘 晨等
 12 (2405) 云南高原区酿酒葡萄果实香气物质的积累规律 杨晓帆等
 13 (2602) 苹果 *LysM* 基因家族的生物信息学及表达分析 周 喆等
 13 (2613) 成花素基因 *PdFT* 的克隆及其对牡丹成花的影响 朱富勇等
 14 (2814) 西瓜遗传图谱构建及果实相关性状 QTL 分析 刘传奇等
 14 (2830) 轮作不同作物对苹果园连作土壤环境及平邑甜茶幼苗生理指标的影响 吕 毅等
 15 (3025) 秋水仙素对大蒜茎尖试管苗四倍体的诱导 孔素萍等

- 15 (3034) 野生秋子梨 (*Pyrus ussuriensis* Maxim) 果实性状的遗传多样性 安萌萌等
- 16 (3264) 辣椒 GMS 育性相关候选基因的克隆及表达分析 刘 辰等
- 16 (3277) 茶树谷胱甘肽还原酶基因 *CsGRs* 的克隆与表达分析 岳 川等
- 17 (3444) 果梅 *PmKNAT2* 基因全长 cDNA 克隆及表达分析 孙海龙等
- 17 (3453) 猕猴桃果实发育过程中淀粉积累差异及其糖代谢特性 张慧琴等
- 19 (3850) 炭化秸秆对苹果根系一氧化氮生成及根区土壤硝酸盐代谢的影响 闫丽娟等
- 19 (3857) 荧光假单胞菌对樱桃根系呼吸和幼苗生长的影响 张 鹏等
- 19 (3866) 变温条件下钙对山定子根系线粒体功能的影响 苏 宏等
- 20 (4036) 利用大白菜×芜菁 F₂ 群体定位抗根肿病 QTL 及上位性互作分析 李朋朋等
- 20 (4045) NaCl 胁迫下二倍体和同源四倍体西瓜幼苗 DNA 甲基化差异分析 朱红菊等
- 20 (4056) 梨果肉质地性状分析 王燕霞等
- 21 (4309) 白菜硫代葡萄糖甙合成中 *MAM* 的进化分析 刘 锦等
- 21 (4318) 苹果光响应转录因子 *MdHY5* 表达及蛋白互作分析 李慧峰等
- 21 (4328) 高压处理对鲜切果蔬品质与微生物影响的研究进展 张学杰等
- 22 (4475) 水氮供应对滴灌施肥条件下黄瓜生长及水分利用的影响 李 静等
- 22 (4488) 基于 SSR 标记的中国亚洲韧皮杆菌种群结构研究 黄爱军等
- 23 (4680) 矮化中间砧短枝富士苹果高纺锤树形冠层结构与光能截获的三维模拟 杨伟伟等
- 23 (4695) 新梢内源激素变化对设施葡萄花芽孕育的影响 王海波等
- 24 (4868) 苹果抗性相关的谷胱甘肽转移酶基因 *MdGSTU1* 的生物信息学和表达分析 安秀红等
- 24 (4878) 南高丛越橘品种 ‘Sapphire’ 和北高丛品种 ‘Berkeley’ 正反交后代果实糖酸组分含量的遗传倾向 刘有春等
- 24 (4886) 壹瓶枣果实发育过程中果柄导管形态变化与裂果关系 丁改秀等

贮藏·保鲜·加工

- 1 (145) 不同宰前禁食时间对羊肉品质影响的研究 夏安琪等
- 2 (374) 富硒米糠蛋白的优化制备及其蛋白营养复配研究 胡秋辉等
- 2 (383) 油菜籽饼粕中硫苷的酶解条件优化及降解产物分析 丁 艳等
- 3 (553) 甘薯采后生理、主要病害及贮藏技术研究 张有林等
- 4 (736) 不同贮藏方式对赣南纽荷尔脐橙果实品质的影响 何义仲等
- 4 (749) 氧化羊骨油对羊肉味调味基料挥发性风味物质的影响 刘金凯等
- 5 (977) 加工对牛肉稳定碳同位素组成的影响 周九庆等
- 6 (1180) 西式蒸煮火腿切片货架期褪色与游离氨基酸和生物胺的关系 孙卫青等
- 7 (1397) 不同干燥方法对紫薯干燥效率及品质的影响 李文峰等
- 8 (1567) 糙米粉对小麦面团流变学及饼干品质特性的影响 汤晓智等
- 9 (1793) *Pen a1* 抗原表位 187—202 关键氨基酸的筛选和鉴定 牟 慧等
- 9 (1802) 基于磁珠和双抗夹心免疫分析的 Bt Cry1Ac 毒素单链抗体筛选与鉴定 张留圈等
- 10 (2003) 肌原纤维特性与鸡肉原料肉品质的关系 王春青等
- 10 (2013) 加热对鸡胸肉肌原纤维蛋白结构与凝胶特性的影响 杨玉玲等
- 11 (2214) ⁶⁰Co- γ 辐照处理对低温储藏糙米品质及微结构的影响 陈银基等

- 11 (2224) 应用表面增强拉曼光谱技术快速检测较大婴幼儿配方奶粉中的香兰素 王 石等
- 12 (2417) 二亚油酸甘油酯对大豆油氧化稳定性的影响 鞠兴荣等
- 12 (2425) NO 处理延缓采后枇杷果实木质化劣变及其与能量代谢的关系 陈发河等
- 13 (2625) 水果果实中主要有机酸提取条件的优化 庞荣丽等
- 13 (2634) 预乳化液超声处理对低脂法兰克福香肠品质的影响 赵颖颖等
- 14 (2840) 不同产地苦荞籽粒中多酚的组成、分布及抗氧化性比较 刘 琴等
- 15 (3044) 甘薯淀粉加工废渣制备复合寡糖的条件优化及其活性评价 董向艳等
- 15 (3058) N-乙酰胞壁质酶缺失对保加利亚乳杆菌 LJJ 自溶及形态的影响 崔文明等
- 16 (3290) BABA 诱导香蕉果实抗病性与贮藏期活性氧积累的关系 谭卫萍等
- 16 (3300) 苦瓜水提物对拘束应激小鼠脂代谢紊乱的改善作用 汤 琴等
- 20 (4067) 紫菜薹花色苷组分鉴定及其稳定性和抗氧化性 邝敏杰等
- 23 (4706) 超高效液相色谱法同时测定柑橘中主要酚酸和类黄酮物质 郑 洁等

畜牧·兽医·资源昆虫

- 1 (154) 阻断 PI3K/AKT 通路通过激活 FoxO1 抑制猪骨骼肌卫星细胞分化 史新娥等
- 1 (161) 甘南牦牛 GDF-10 基因多态与生产性状的相关性分析 李天科等
- 1 (170) 苦马豆素抗牛病毒性腹泻病毒的研究 郝宝成等
- 2 (394) 水牛 Oct4、Nanog 基因的克隆及其在水牛胎儿成纤维细胞中的表达 邓彦飞等
- 2 (403) C 型尿钠肽在动物卵巢表达及对生殖机能影响的研究进展 贾振伟等
- 3 (564) 苏太猪宰后 72 h pH 和肉色性状的全基因组关联分析 周李生等
- 3 (574) Cdc42 蛋白在牛卵母细胞中的表达分布及对其成熟的影响 刘 扬等
- 3 (586) 填饲期内肥肝鹅 A-FABP 与 MSTN 基因同步表达规律与相关性 王宝维等
- 3 (594) 家蚕蜕皮激素合成相关的细胞色素 P450 基因的鉴定分析 程道军等
- 4 (759) 基于 DGGE 和 T-RFLP 分析采食不同粗饲料梅花鹿瘤胃细菌区系 李志鹏等
- 4 (769) 人凝血因子 IX 乳腺特异表达载体的构建及细胞转染 韩雪洁等
- 4 (779) F4ac 型产肠毒素大肠杆菌菌液上清对仔猪小肠上皮细胞的免疫刺激作用 周传丽等
- 5 (984) 山羊 MyoG 启动子的克隆和活性检测 李 硕等
- 5 (995) 玉米 DDGS 中抗生素残留分析 姚 婷等
- 5 (1006) 基于纳米材料电化学免疫传感器检测禽呼肠孤病毒研究 黄娇玲等
- 6 (1190) 苏尼特羊全基因组选择信号检测 王光凯等
- 6 (1200) 骨骼肌肌纤维形成机制的研究进展 李伯江等
- 7 (1409) 三河牛目标性状边际效益研究 马秋萌等
- 7 (1417) 徐淮山羊多能性转录因子 mRNA 制备及在成纤维细胞中的表达 邱峰龙等
- 7 (1427) 植物甾醇对肉仔鸡的生物安全性评价 王黎文等
- 7 (1438) 伊维菌素和三氯苯达唑对蠕虫感染绵羊的药动力学作用 高妍妍等
- 8 (1577) Myostatin 基因及其与动物双肌性状间关系的研究进展 王建起等
- 8 (1588) 奶牛临床和亚临床酮病的水浆代谢组学研究 孙玲伟等
- 8 (1600) 填饲期肥肝鹅脂肪沉积、血脂成分和脂类代谢酶的变化规律 王宝维等
- 8 (1611) 家蚕空泡型 ATP 酶 (V-ATPase) 基因的基本信息及表达特征 王 鑫等

- 9 (1811) 湖羊 BMP7 基因遗传多态、表达及与羔皮毛囊性状的关联 殷金凤等
- 10 (2021) 一例真间性猪的研究 周 怡等
- 10 (2030) 共生菌群在熊蜂生长发育过程中的动态变化 徐龙龙等
- 11 (2233) 饲料油菜籽添加水平对肉牛生长性能、瘤胃发酵及血液生化指标的影响 张杰杰等
- 11 (2242) 复方苦苓对感染猪传染性胃肠炎病毒的 PK-15 细胞中 Bcl-2/BAX mRNA 转录的影响 邵秋红等
- 11 (2251) 氟罗沙星残留检测间接竞争 ELISA 试剂盒的研制 贾国超等
- 12 (2435) 兰州大尾羊 *PPARG* 全长 cDNA 克隆及生物信息学分析 金方园等
- 12 (2446) 0—4 周龄京红蛋鸡饲料氨基酸需要量研究 宋 丹等
- 13 (2643) 碱性胁迫对超干贮藏苜蓿种子幼苗生长及抗性的影响 霍平慧等
- 13 (2652) 一株中等毒力牛种布鲁氏菌的鉴定和毒力测定 丁家波等
- 13 (2659) 家蚕 *sirtuin* 家族基因的鉴定及系统发生与表达芯片分析 陈 聪等
- 14 (2853) 基于 SSR 标记的中美紫花苜蓿品种遗传多样性研究 强海平等
- 14 (2863) 从蛋白质和转录水平鉴定类猪圆环病毒 P1 存在 ORF2 和 ORF3 王凤芝等
- 14 (2872) 全基因组关联分析鉴别白色杜洛克×二花脸 F₂ 资源家系中猪阴囊疝易感基因位点的鉴定 宿 英等
- 15 (3069) 绵羊 *RARG* 基因在发情不同阶段卵巢中的 mRNA 表达 王维民等
- 15 (3077) 豆状带绦虫 TPO18 基因的原核表达及保护性分析 韩进欢等
- 15 (3085) 家蚕免疫负调控分子 *BmFAF* 的功能 马晓娟等
- 16 (3308) 诱导多能干细胞体外定向分化为雄性生殖细胞研究进展 杜军慧等
- 16 (3315) 单纯与联合灌注法构建猪支气管动脉立体标本 韩志磊等
- 17 (3465) 液体饲料 pH 值对荷斯坦公犊血气指标的调控 屠 焰等
- 17 (3475) HSPA2 在牦牛不同组织器官中的表达差异 温泽星等
- 17 (3483) 沙门氏菌和聚肌胞处理条件下鸡免疫相关候选基因 mRNA 表达特性 孙 艳等
- 18 (3700) 利用高密度 SNP 对猪血糖和糖基化血清蛋白性状的全基因组关联分析 曾治君等
- 18 (3708) 不同水平玉米赤霉烯酮对断奶仔猪血清代谢产物和肝肾组织病理学影响 姜淑贞等
- 18 (3716) GnIH 对母猪生殖调控的研究 汪 瑶等
- 19 (3874) 鸡钙离子结合分子伴侣 *Calreticulin* 的结构与功能预测及组织表达特性 王丽丽等
- 19 (3883) 同时检测牛奶中喹诺酮类和庆大霉素残留的胶体金免疫层析方法研究 李向梅等
- 19 (3890) 沙丁胺醇对果蝇的化蛹、羽化、寿命及抗氧化能力和 DNA 损伤的影响 孙 冰等
- 20 (4078) 肌肉发育相关 LncRNA 的研究进展 魏彩虹等
- 20 (4086) 精子介导的转基因效率关键影响因素 焦明霞等
- 20 (4096) 新疆多源喹诺酮类耐药大肠杆菌耐药基因检测及分析 南海辰等
- 22 (4495) 畜禽基因组选择中贝叶斯方法及其参数优化策略 朱 波等
- 22 (4506) 罗伊氏乳杆菌 I5007 对新生仔猪肠道形态、二糖酶活性和紧密连接蛋白表达的影响 杨凤娟等
- 22 (4516) 不同氨气浓度对肉鸡生长性能及肉质性状的影响 李 聪等
- 23 (4718) 柴术抗激颗粒对 LPS 诱导大鼠神经-内分泌-免疫相关因子调节机制研究 孙耀贵等
- 23 (4726) 氟喹诺酮类药物多残留酶联免疫检测方法的建立 李新朋等
- 23 (4736) 蓝虫微孢子虫 *RPB1* 基因片段序列的测定及其系统发育分析 燕 薇等
- 24 (4895) *FABP4* 转基因牛的分子生物学鉴定 赵敬贤等
- 24 (4904) 青蒿素对山羊瘤胃发酵和微生物氮素微循环的影响 王洪荣等

农业经济及管理

- | | | |
|-----------|--------------------------|------|
| 4 (786) | 耕地资源非农化价值损失评价模型与补偿机制研究 | 任平等 |
| 4 (796) | 基于种业市场份额的中国种业国际竞争力分析 | 王磊等 |
| 20 (4109) | 中国肥料使用管理立法研究 | 彭世琪等 |
| 20 (4117) | 农业信息化建设的实证研究——以山东省为例 | 阮怀军等 |
| 23 (4745) | 中国绿色食品产业发展水平的地区差异及影响因素分析 | 黄漫宇等 |

研究简报

- | | | |
|-----------|---|------|
| 1 (182) | 稻茬小麦公顷产量 9000 kg 群体糖氮代谢特征 | 丁锦峰等 |
| 1 (191) | 不同生长时期冬枣受绿盲蝽危害后应激防御酶活性的变化 | 李林懋等 |
| 1 (199) | 卵巢摘除对山羊血清 GH 水平和组织中 GHR 基因表达的影响 | 张磊等 |
| 3 (605) | 砧木与嫁接番茄产量品质关系的综合评价 | 高方胜等 |
| 4 (806) | 亚洲璃眼蜚不同发育阶段及其组织中 microRNA-10 表达分析 | 袁小松等 |
| 4 (814) | 伊拉兔宰后肌糖原变化及其与兔肉品质的相关性 | 薛山等 |
| 5 (1013) | 黄淮小麦农艺性状进化及对产量性状调控机理的分析 | 张丽英等 |
| 5 (1029) | 应用抑制消减杂交技术筛选葡萄冬芽和夏芽生理休眠相关基因 | 闵卓等 |
| 6 (1208) | 裸燕麦 SSR 标记连锁群图谱的构建及 β -葡聚糖含量 QTL 的定位 | 吴斌等 |
| 6 (1216) | 美洲南瓜 (<i>Cucurbita pepo</i>) 种皮苯丙氨酸解氨酶基因克隆与表达分析 | 刘佳等 |
| 6 (1227) | 水稻-油菜轮作条件下磷肥效应研究 | 卜容燕等 |
| 6 (1235) | 牛巴贝斯虫 DXS 基因的克隆和真核表达 | 王婧等 |
| 8 (1622) | 橡胶树转录因子 <i>HbERF1</i> 的克隆与功能分析 | 安泽伟等 |
| 8 (1634) | 磁化水在盐渍化土壤中的入渗和淋洗效应 | 张瑞喜等 |
| 8 (1642) | 退耕植茶对川西低山丘陵区土壤有机碳库的影响 | 李玮等 |
| 8 (1652) | 密花胡颓子果实主要类胡萝卜素组分及含量分析 | 胡海涛等 |
| 9 (1819) | 水稻显性窄叶突变体 <i>Dnal1</i> 的鉴定与基因定位 | 桑贤春等 |
| 9 (1828) | 稻蟹共生系统水稻栽培模式对水稻和河蟹的影响 | 徐敏等 |
| 9 (1836) | 贵州省烟青虫遗传多样性 | 师沛琼等 |
| 9 (1847) | 不同浓度有机物料发酵流体对连作苹果幼树叶片光合荧光参数和根系抗氧化酶活性的影响 | 尹承苗等 |
| 9 (1858) | 中国荷斯坦牛 SCD1 外显子 5 基因多态性及其对乳中脂肪酸组成的影响 | 王小龙等 |
| 10 (2038) | 裸燕麦萌发期耐盐性综合评价与耐盐种质筛选 | 陈新等 |
| 10 (2047) | 水氮管理模式对杂交籼稻冈优 527 群体质量和产量的影响 | 孙永健等 |
| 10 (2062) | 一个甘蓝型油菜胚珠败育突变体的形态鉴定及生理特性分析 | 许汪洁等 |
| 11 (2262) | 棉花 2 个新的 PPR 基因的克隆及表达模式分析 | 何鹏等 |
| 11 (2272) | 不同发育时期花生胚混合全长 cDNA 文库的构建与分析 | 陈华等 |
| 12 (2455) | 蔗糖转运蛋白 VvSUC11 和 VvSUC12 累加作用对提高转基因甜菜含糖量的影响 | 闫甜甜等 |
| 12 (2465) | 桑树硝酸还原酶基因 <i>MaNR</i> 的克隆及其表达分析 | 王茜龄等 |
| 12 (2476) | 浅层施肥对水稻苗期根系生长及分布的影响 | 孙浩燕等 |
| 13 (2671) | 小麦粒重基因 <i>TaCwi-1</i> 功能标记 CWI22、CWI21 的验证及应用 | 相吉山等 |

- 13 (2680) 大豆蛋白质和油分含量 QTL 定位及互作分析 侯 萌等
- 13 (2690) 牦牛 *CYGB* 基因 CDS 区克隆与生物信息学分析 孙雪婧等
- 14 (2881) 水稻卷叶突变体 *rl15(t)* 的生理学分析及基因定位 张礼霞等
- 14 (2889) 玉米受伤诱导基因 *Wip1* 的启动子克隆及表达分析 练 云等
- 14 (2897) 荔枝果肉酚类物质大孔树脂分离纯化工艺优化 苏东晓等
- 15 (3094) 拟南芥 *PMRP* 的表达特性及功能分析 张 昊等
- 15 (3103) 苹果褐斑病潜育动态 雍道敬等
- 15 (3112) 玫瑰与月季种间杂交障碍原因分析 于晓艳等
- 17 (3492) 基于 PCR 技术的谷子分子标记遗传图谱构建 王智兰等
- 17 (3501) 拟南芥液泡分拣蛋白 *AtVPS25* 调控植物生长素响应的功能分析 郭萌萌等
- 17 (3513) 黄瓜倍性材料创制及染色体组成的 FISH 鉴定 管 菁等
- 19 (3898) 高油酸、中果型花生新材料的创制与鉴定 李 丽等
- 19 (3907) 平邑甜茶根系构型、养分吸收和新梢生长对根域形状的反应 范伟国等
- 19 (3914) 浙江省十大名茶主要重金属元素分析 章剑扬等
- 19 (3922) 家蚕卵黄原蛋白受体 *BmVgR* 的体外表达 罗 娟等
- 20 (4128) 新疆连作棉田施用生物炭对土壤养分及微生物群落多样性的影响 顾美英等
- 21 (4341) 鸭梨 *PAL* 克隆及其在果实发育和机械伤害过程中的表达 闫洪波等
- 22 (4524) 桑树 *MaDFR* 的克隆及功能分析 李 军等
- 22 (4533) 中华蜜蜂二倍体雄蜂人工培育及形态测定 甘海燕等
- 22 (4540) 不同产地野生黑果枸杞资源果实多酚组成分析 闫亚美等
- 23 (4754) 拟南芥转录因子 *AtMYB73* 转录活性区域分析及互作蛋白的筛选 樊锦涛等
- 23 (4763) 鸭出血性卵巢炎病毒血症研究 谢 佳等

(卷终)

CONTENTS

SPECIAL FOCUS

INSECT CHITIN METABOLISM & PLANT PROTECTION

- 7(1301) Guidance
- 7(1303) Research Progresses in Insect Glycosyl Hydrolyase Family 20 β -N-acetylhexosaminidase QU Ming-bo, *et al.*
- 7(1313) Molecular Characterization and Function of Chitinase 10 Gene (*OcCht10*) from *Oxya chinensis* LI Da-qi, *et al.*
- 7(1321) Molecular Characterization and Functional Analysis of Chitin Deacetylase 2 Gene in *Oxya chinensis* YU Rong-rong, *et al.*
- 7(1330) Expression, Function and Regulation of Chitin Synthase 2 Gene in *Locusta migratoria* LIU Xiao-jian, *et al.*
- 7(1341) Cloning and Expression of Two Laccase Genes *OfLac1* and *OfLac2* from the Insect *Ostrinia furnacalis* CHEN Peng, *et al.*
- 7(1351) Molecular Cloning, Expression Patterns and RNAi of UDP-N-acetylglucosamine Pyrophosphorylase in *Spodoptera exigua* CHEN Jie, *et al.*

AGRO-PRODUCTS SAFETY

- 18(3618) A Review of Studies on Quality and Safety of Edible Vegetable Agro-Products LI Pei-wu, *et al.*
- 18(3633) Advances in Research of Cadmium Metabolism and Control in Rice Plants ZHU Zhi-wei, *et al.*
- 18(3641) Deoxynivalenol Contamination in Wheat and Its Management SHI Jian-rong, *et al.*
- 18(3655) Risk Assessment of Pesticide Residues in Apples NIE Ji-yun, *et al.*
- 18(3668) Study on Time-Resolved Fluorescence Immunochromatography for Aflatoxin Determination in Agricultural Product ZHANG Zhao-wei, *et al.*
- 18(3675) Identification of Aflatoxin Producing Strains by Using PCR-RFLP Method SUN Chang-po, *et al.*
- 18(3684) Degradation Dynamics and Residues Analysis of Abamectin in Cucumber and Soil JIN Fen, *et al.*
- 18(3691) Gene Cloning and Shuttle Expression Plasmid Construction of Pig β_2 Adrenergic Receptors WANG Jian, *et al.*

EFFICIENT, SAFE AND LARGE-SCALE TRANSGENIC TECHNOLOGY: OPPORTUNITIES AND CHALLENGES

- 21 (4139) Guidance WAN Jian-min, *et al.*
- 21(4141) Establishment and Application of Large-Scale Transformation Systems for Rice ZHANG Xin, *et al.*
- 21(4155) Establishment and Application of Large-Scale Transformation Systems in Wheat YE Xing-guo, *et al.*
- 21(4172) Establishment and Application of Large-Scale Transformation Systems for Maize LIU Yun-jun, *et al.*
- 21(4182) Establishment and Application of Efficient Transformation System for Cotton LIU Chuan-liang, *et al.*
- 21(4198) Establishment and Prospect of Efficient Transformation Systems for Soybean HOU Wen-sheng, *et al.*
- 21(4211) Construction and Application of a Scale Transgenic Technology System for Pigs MU Yu-lian, *et al.*

- 21(4224) Establishment and Prospect of Efficient Transgenic System for Cattle MENG Qing-yong, *et al.*
- 21(4234) Approaches of Establishment of Technological System of Transgenic Sheep LIU Ming-jun, *et al.*
- CROP GENETICS & BREEDING • GERMLASM RESOURCES • MOLECULAR GENETICS**
- 1 (1) What We Have Learnt in Ten Years' Study of Rice Transgene Flow JIR Shi-rong, *et al.*
- 1 (11) Genetic Diversity of the Main Chinese Three-Line Hybrid Rice Parents Based on Functional Genetic Markers Related to Yield ZHANG Tao, *et al.*
- 1 (24) QTL Mapping of Oleic Acid, Linolenic Acid and Erucic Acid Content in *Brassica napus* by Using the High Density SNP Genetic Map LIU Lie-zhao, *et al.*
- 2 (209) Recent Advances in Research of Transcription Factor NAP Subfamily in Plants FAN Kai, *et al.*
- 2 (221) Genetic Identification and Candidate Gene Analysis of Yellow-Green Leaf Mutant *507ys* in Rice LI Yan-qun, *et al.*
- 2 (230) SSR Markers Linked to High and Low Protein Content Strains Derived from 3 Backcross Combinations Under Jidou 12 Genetic Background CHEN Qiang, *et al.*
- 3 (411) Haplotypes and Expression Analysis of Salt-Tolerant Gene *GmNcl1* in Soybean HE Wei, *et al.*
- 3 (422) Mapping of Sesame Waterlogging Tolerance QTL and Identification of Excellent Waterlogging Tolerant Germplasm ZHANG Yan-xin, *et al.*
- 4 (613) Chromosome Localization of Phosphate Transporter Gene *TaPHT2;1* and Its Effects on Phosphate Uptake and Utilization in Wheat GUO Li, *et al.*
- 4 (622) Cloning and Function Analysis of a Salt-Stress-Induced HD-Zip Transcription Factor *Mshb2* from Alfalfa LI Ming-na, *et al.*
- 5 (823) Current Status of Transgenic Technologies for Safety Consideration in Plants and Future Perspectives WANG Gen-ping, *et al.*
- 5 (844) Accumulation of Dry Matter, Canopy Structure and Photosynthesis of Synthetic Hexaploid Wheat-Derived High-Yielding Varieties Grown in Sichuan Basin, China TANG Yong-lu, *et al.*
- 5 (856) Genetic Diversity Analysis of 328 Maize Varieties (Hybridized Combinations) Using SSR Markers WANG Feng-ge, *et al.*
- 6(1041) Cloning and Functional Analysis of a Cotton Nicotinamide Synthetase Gene *GbNocotin* and Its Promoter YANG Yu-wen, *et al.*
- 6(1051) Molecular Biology Identification of Transgenic Cotton Lines Expressing Exogenous *G10aroA* Gene WANG Xia, *et al.*
- 6(1058) Subcellular Localization and Expression Analysis of *Nicotiana sylvestris* KUP/HAK/KT Family K⁺ Transporter Gene *NsHAK11* SONG Yu-feng, *et al.*
- 7(1243) Identification of *Indica-Japonica* Attribute and Prediction of Heterosis of Zheyou Hybrids Rice Using InDel Molecular Markers WANG Lin-you, *et al.*
- 7(1256) Genetic Dissection for Kernel Row Number in the Specific Maize Germplasm Four-Rowed Waxy Corn JIAO Fu-chao, *et al.*
- 7(1265) Evaluation and Analysis of Folic Acid Content in Millet from Different Ecological Regions in Shanxi Province SHAO Li-hua, *et al.*

- 8(1445) Development of Drought-Tolerant Rice Germplasm by Screening and Transforming TAC Clones of *Oryza officinalis* Wall. LIU Rui, *et al.*
- 8(1458) Overexpression of a *Gossypium hirsutum* Stress-Associated Protein Gene (*GhSAP1*) Improves Salt Stress Tolerance in Transgenic Tobacco DING Lin-yun, *et al.*
- 8(1471) QTL Mapping Based on Embryo and Maternal Genetic Systems for Oil and Protein Contents in Rapeseed (*Brassica napus* L.) XU Jian-feng, *et al.*
- 9(1657) Identification of Wheat Key Autophagy-Related Factor *ATG18* and Profiling of Their Expression Under Biotic and Abiotic Stresses SUN Hong, *et al.*
- 9(1670) Relationship Between Microspore Abortion of CMS Lines Associated with Nutrient Metabolism Disorder in Tapetal of Anther in Wheat (*Triticum aestivum* L.) ZHANG Peng-fei, *et al.*
- 9(1681) Genetic and QTL Analysis of Root Traits at Seedling Stage in Soybean [*Glycine max* (L.) Merr.] LIANG Hui-zhen, *et al.*
- 10(1865) Polymorphism of *TaSnRK2.10* and Its Association with Yield-Related Traits in Wheat WANG Qian, *et al.*
- 10(1878) Study on the Differential Genes Expression in Maize Embryo Treated by a Controlled Deterioration Treatment YANG Wei-fei, *et al.*
- 10(1894) The Genome-Wide Analysis of MicroRNAs and Their Target Genes in *Nicotiana tomentosiformis* and *Nicotiana sylvestris* LI Ling, *et al.*
- 11(2069) Fine Mapping of an Early Senescence Gene in Rice ZHAO Chun-de, *et al.*
- 11(2078) Distribution of Powdery Mildew Resistance Gene *Pm21* in Chinese Winter Wheat Cultivars and Breeding Lines Based on Gene-Specific Marker JIANG Zheng, *et al.*
- 11(2088) Construction of a Genetic Linkage Map in Mungbean WU Chuan-shu, *et al.*
- 12(2281) Dissection of Genetic Components in the New High-Yielding Wheat Cultivar Chuanmai 104 LI Jun, *et al.*
- 12(2292) Isolation and Functional Analysis of Salt-Responsive Gene *TaSRP* in Wheat HU Di, *et al.*
- 12(2300) Research on Heredity and Gene Expression Differences for Nitrogen Metabolism-Related Indices of Wheat Parents and Their Hybrids at Seedling Stage WANG Lin-lin, *et al.*
- 13(2485) Study on Resistance Mechanism to Blast Mediated by P450 Gene *Oscyp71Z2* in Rice LI Wen-qi, *et al.*
- 13(2494) Screening and Identification of Proteins Interacting with TaMAPK2 in Wheat YU Tai-fei, *et al.*
- 13(2504) Review and Inspiration of Plant Proteins Involved in the Transformation Processing of T-DNA Initiated by *Agrobacterium* ZHAO Pei, *et al.*
- 14(2699) Heterosis loci and QTL of Super Hybrid Rice Liangyoupeijiu Yield by Using Molecular Marker XIN Ye-yun, *et al.*
- 14(2715) Detection of GUS Protein and Its Expression Pattern in Transgenic Rice Plants NIU Dong-dong, *et al.*
- 14(2723) The Trend of Quality Traits of Maize Varieties Released Extensively in Different Eras in China SUN Qi, *et al.*
- 15(2907) Morphological Characterization and Candidate Gene Analysis of Zebra Leaf Mutant *zebra524* in Rice LI Yan-qun, *et al.*
- 15(2916) Genetic Contribution of Seedling Root Traits Among Elite Wheat Parent Jing 411 to Its Derivatives XIAO Yong-gui, *et al.*

- 15(2927) Analysis of Shade-Tolerance and Determination of Shade-Tolerance Evaluation Indicators in Different Soybean Genotypes LI Chun-hong, *et al.*
- 16(3121) Identification of the Differentially Expressed Proteins Between Heat-Tolerant and Heat-Sensitive Rice Responding to High-Temperature Stress at the Early Milky Stage LIAO Jiang-lin, *et al.*
- 16(3132) Genomic DNA Methylation Polymorphism Analysis of Cotton Under NaCl and Na₂CO₃ Stress LU Xu-ke, *et al.*
- 17(3323) Analysis of Maize Grain Filling Rate in Different Heterotic Groups ZHANG Dong-mei, *et al.*
- 17(3336) Investigation of Sorghum Endosperm Cell Development and the Relationship with Its Maternal Tissue LI Dong-liang, *et al.*
- 17(3348) Cloning of Glutamine Synthetase BnGS2 Allele Genes from Ramie (*Boehmeria nivea* L.) and Study on Gene-Transforming Tobacco ZHENG Jian-shu, *et al.*
- 18(3523) Advances in Research of Transcriptional Regulatory Network in Response to Cold Stress in Plants LIU Hui, *et al.*
- 18(3534) Characteristics and Function of a GmDREB5-Interacting Protein GmUBC13 in Soybean XU Dong-bei, *et al.*
- 19(3725) Development of a Wheat Variety Identification System Based on Fluorescently Labeled SSR Markers ZHENG Yong-sheng, *et al.*
- 19(3736) Characterization of Two LEA Genes and Their Response to Abiotic Stresses in Wheat LIU Lu-lu, *et al.*
- 19(3746) Creating Low Grain Protein Content Barley by Suppressing *B-hordein* Synthesis Through RNA Interference LI Jing-wen, *et al.*
- 20(3929) Proteome Analysis of Cytoplasmic Male Sterility and Its Maintenance in JA-CMS Cotton YANG Peng, *et al.*
- 20(3941) Association Mapping of Agronomic Traits in Soybean (*Glycine max* L. Merr.) and Mining of Novel Alleles YANG Sheng-xian, *et al.*
- 20(3953) QTL Mapping of 1000-Seed Weight in *Brassica napus* by Using the High Density SNP Genetic Map JIAN Hong-ju, *et al.*
- 22(4349) Expression Differences of Dirigent-Like Protein Genes in Upland Cotton Responded to Infection by *Verticillium dahliae* GUO Bao-sheng, *et al.*
- 22(4360) Analysis of the Current Situation of Accredited Maize Varieties in China YANG Yang, *et al.*
- 22(4371) Study on Homozygous Progress Evaluation of Self-Pollination in Ramie (*Boehmeria Nivea* L.) TAN Long-tao, *et al.*
- 23(4551) The Maximum Threshold Distances of Rice Gene Flow and Its Temporal and Spatial Distribution in the Hainan Crop Winter-Season Multiplication Region of China HU Ning, *et al.*
- 23(4563) Genome-Wide Identification and Analysis of Dof Transcription Factor Family in Maize GE Min, *et al.*
- 23(4573) Cloning and Function Analysis of a Salt-Stress-Induced Receptor Like Protein Kinase Gene *MsSIK1* from Alfalfa GUO Peng, *et al.*
- 24(4769) Construction of Genetic Map Using Genotyping Chips and QTL Analysis of Grain Weight CHEN Jian-sheng, *et al.*
- 24(4780) Evaluation on the Classification Characteristics of National Registered Cotton Varieties in the Yangtze River Valley Based on GGE Biplot XU Nai-yin, *et al.*

TILLAGE & CULTIVATION • PHYSIOLOGY & BIOCHEMISTRY • AGRICULTURE INFORMATION TECHNOLOGY

- | | | |
|---------|---|---------------------------------|
| 1 (33) | Study on Characteristics of Nitrogen Metabolism in Diallel Cross Generation of Different Maize Genotypes After Silking | LIU Chun-xiao, <i>et al.</i> |
| 1 (43) | Effect of Potassium Application Time on Starch Accumulation and Related Enzyme Activities of Sweet Potato Variety Jixu 23 | LIU Hong-juan, <i>et al.</i> |
| 2 (240) | Physiological Mechanism of Silicon-Enhanced Rice Blast Resistance | GE Shao-bin, <i>et al.</i> |
| 2 (252) | Investigation on Response Mechanism of Epicuticular Wax on <i>Arabidopsis thaliana</i> Under Cold Stress | NI Yu, <i>et al.</i> |
| 3 (431) | Research on Maize Leaf Recognition of Characteristics from Transmission Image Based on Machine Vision | TANG Jun, <i>et al.</i> |
| 3 (441) | On Boll-Setting Optimization Theory for Cotton Cultivation and Its New Development | DONG He-zhong, <i>et al.</i> |
| 3 (452) | Morphological Characters and Physiological Mechanisms of Cold Resistance of Winter Rapeseed in Northern China | YANG Ning-ning, <i>et al.</i> |
| 4 (633) | Effects of Supplemental Irrigation and Nitrogen Application on Starch Granule Size Distribution of Maize Grain | SHI De-yang, <i>et al.</i> |
| 4 (644) | Morphological and Physiological Traits of Leaf in Different Drought Resistant Peanut Cultivars | LI Guang-hui, <i>et al.</i> |
| 4 (655) | Effects of Drought Stress on Photosynthetic Characteristics and Endogenous Hormone ABA and CTK Contents in Green-Stayed Sorghum | ZHOU Yu-fei, <i>et al.</i> |
| 4 (664) | Recognition of Rice Leaf Diseases Based on Computer Vision | LIU Tao, <i>et al.</i> |
| 5 (865) | Study on Population Characteristics and Formation Mechanisms for High Yield of Pot-Seedling Mechanical Transplanting Rice | HU Ya-jie, <i>et al.</i> |
| 5 (880) | Effects of Different Tillage Methods on Soil Water and Crop Yield of Winter Wheat-Spring Maize Rotation Region in Weibei Highland | BAI Wei-xia, <i>et al.</i> |
| 6(1072) | Effect of Phosphorus on Reddish Brown Iron Plaque on Root Surface of Rice Seedlings and Their Nutritional Effects | FU You-qiang, <i>et al.</i> |
| 6(1086) | Study on Tobacco Vigorous Seedling Indexes Model | BAI Yan, <i>et al.</i> |
| 7(1273) | Research Status and Development Discussion on High-Yielding Agronomy of Mechanized Planting Rice in China | ZHANG Hong-cheng, <i>et al.</i> |
| 7(1290) | Analysis of Salt-Tolerance and Determination of Salt-Tolerant Evaluation Indicators in Cotton Seedlings of Different Genotypes | DAI Hai-fang, <i>et al.</i> |
| 8(1481) | Measurement and Analysis of 3D Wheat Root System Architecture with a Virtual Plant Tool Ki | CHEN Xin-xin, <i>et al.</i> |
| 8(1489) | Effects of Photo-synthetically Active Radiation on Photosynthetic Characteristics and Yield of Soybean in Different Maize/Soybean Relay Strip Intercropping Systems | CUI Liang, <i>et al.</i> |
| 9(1692) | Relationship Between Water Storage Conservation in Fallow Period and Grains Protein Formation in Dryland Wheat in Different Precipitation Years | SUN Min, <i>et al.</i> |

-
- | | | |
|----------|---|--------------------------------|
| 9(1705) | Characters and Comprehensive Evaluation of Nutrient Quality of Sweetpotato Storage Root with Different Flesh Colors | TANG Zhong-hou, <i>et al.</i> |
| 10(1904) | Impacts of Climate Warming on Growth and Yield of Spring Maize in Recent 20 Years in Northeast China | CHEN Qun, <i>et al.</i> |
| 10(1917) | Effect of Ridge Film Mulching Technique and Furrow Seeding of Spring Corn on Water Use and Yield in Semi-Arid Region in Liaoxi Area | XIAO Ji-bing, <i>et al.</i> |
| 10(1929) | Effect of Soil Inorganic N Concentrations on the Nodulation, N ₂ Fixation and Yield in Soybean in a Pot Experiment | YAN Jun, <i>et al.</i> |
| 11(2099) | Effects of Accurate Fertilizer Model (AF) on Yield and Population Quality of Hybrid <i>Indica</i> Rice Cultivars in Guizhou Highland Area | LUO De-qiang, <i>et al.</i> |
| 11(2109) | Effect of High Temperature Stress and Spraying Exogenous ABA Post-Anthesis on Grain Filling and Grain Yield in Different Types of Stay-Green Wheat | YANG Dong-qing, <i>et al.</i> |
| 11(2126) | Alleviation of Boron Toxicity on Rape Seedlings by Selenium | DUAN Bi-hui, <i>et al.</i> |
| 11(2135) | Uncertainty Research of Remote Sensing Image Classification Using the Boundary Region-Based Modified Rough Entropy Model | JING Xia, <i>et al.</i> |
| 12(2313) | Difference of Yield and Its Formation Mechanism of <i>Indica-Japonica</i> Inter-Subspecific Hybrid Rice with Different Canopy Leaf Types | JIANG Yuan-hua, <i>et al.</i> |
| 12(2326) | Effect of Different Diammonium Phosphate Levels on Nutrient Uptake of Super-High Yielding Soybean | ZHAO Yu-kun, <i>et al.</i> |
| 13(2519) | Dynamic Changes of Phytohormones as Influenced by Different Plant Growth Substances in a Dwarf-Multi-Tiller Rice Mutant | LIU Qing, <i>et al.</i> |
| 13(2529) | Differential Response of Floret Opening to Exo-Methyl Jasmonate Between Subsp. <i>Indica</i> and Subsp. <i>Japonica</i> in Rice | YAN Zhi-qiang, <i>et al.</i> |
| 13(2541) | Study on Climatic Suitability for Winter Rapeseed Planting in Arid and Cold Regions in North China | ZHOU Dong-mei, <i>et al.</i> |
| 14(2731) | Advances in Research on Crop Yield Gaps | YANG Xiao-guang, <i>et al.</i> |
| 14(2742) | Effects of Interaction of N and P on Rice Canopy Spectral Reflectance and Its PNN Identification | LI Ying, <i>et al.</i> |
| 14(2751) | Effects of Supplemental Irrigation Based on the Measurement of Moisture Content in Soil Layers at Jointing and Anthesis Stages on the Chloroplast Ultrastructure and Chlorophyll Fluorescence Parameters of Flag Leaves of Winter Wheat | LIU Yue-lan, <i>et al.</i> |
| 15(2940) | Immunolocalization and Quantitation of ABA and IAA in the Organs of Wheat (<i>Triticumaestivum</i> L.) Under Drought Stress | ZHANG Wei, <i>et al.</i> |
| 15(2949) | Effects of Integrated Agronomic Practices on Leaf Senescence Physiological Characteristics of Summer Maize | ZHU Kun-lun, <i>et al.</i> |
| 15(2960) | Relationship of Days After Pollination and Vigor Traits on Maize Seed Maturity in Hexi Seed Production Area in China | FAN Ting-lu, <i>et al.</i> |
| 16(3143) | The Possible Effects of Global Warming on Cropping Systems in China X. The Possible Impacts of Climate Change on Climatic Suitability of Spring Maize in the Three Provinces of Northeast China | ZHAO Jin, <i>et al.</i> |

- 16(3157) Climate Change and Agricultural Production in Africa: A Review of Impacts and Adaptations SHI Wen-jiao, *et al.*
- 17(3359) Effects of Tillage and Straw Returning on Water Consumption Characteristics and Water Use Efficiency in the Winter Wheat and Summer Maize Rotation System ZHAO Ya-li, *et al.*
- 17(3372) Adaptation Mechanism to Aquatic Environment of Cotton Seedlings Roots in Floating Nursing Seedlings in Nutrient Water-Bed (FNSNW) ZHANG Hao, *et al.*
- 18(3545) Optimization of Samples Layout in Spatial Sampling Schemes for Estimating Winter Wheat Planting Acreage WANG Di, *et al.*
- 18(3557) Grain Filling Characteristics of Maize Hybrids Differing in Maturities WANG Xiao-hui, *et al.*
- 18(3566) Influence of Drought Stress on Physiological Characteristics and Agronomic Traits at Bud Stage of Rapeseed (*Brassica napus* L.) BAI Peng, *et al.*
- 19(3757) Investigation of Endosperm Cell Development of Different Rice Varieties LI Dong-liang, *et al.*
- 19(3769) Characteristics of Air Moisture and the Effects of High Air Moisture at Booting Stage on Grain Yield of Wheat in Jiangnan Plain WANG Xiao-yan, *et al.*
- 19(3780) Remote Sensing Prediction of Winter Wheat Protein Content Based on Nitrogen Translocation and GRA-PLS Method LI Zhen-hai, *et al.*
- 20(3962) Alleviation of the Adverse Effects of Salt Stress by Regulating Photosynthetic System and Active Oxygen Metabolism in Maize Seedlings ZHAO Ying, *et al.*
- 20(3973) Effect of Light Quality on Photosynthesis and Photosystem of Maize (*Zea mays* L.) Leaves ZHANG Shan-ping, *et al.*
- 21(4246) Study on Spatial Differences of Late Frost Injury to Winter Wheat and Its Reasons at Field Scal WU Yong-feng, *et al.*
- 21(4257) A Risk Assessment System of the Main Meteorological Disasters for Maize in Northeast China GAO Xiao-rong, *et al.*
- 22(4380) Analysis of Physiological Characteristics about ABA Alleviating Rice Booting Stage Drought Stress GUO Gui-hua, *et al.*
- 22(4392) Effects of Whole Field Soil-Plastic Mulching on Spring Wheat Water Consumption, Yield, and Soil Water Balance in Semiarid Region HOU Hui-zhi, *et al.*
- 22(4405) Study on Endosperm Development and Morphological Features of Starch Granules in Waxy Wheat Shannuo 1 and Non-Waxy Wheat Xinong 1330 YU Jing, RAN *et al.*
- 23(4582) Selection of Late Rice Cultivars of *Japonica* Rice Switched from *Indica* Rice in Double Cropping Rice Area HUA Jin, *et al.*
- 23(4595) Regulatory Effects of Exogenous Nitric Oxide on Morphology of Cotton Seedlings Under Nitrogen Stress CHEN Jing, *et al.*
- 23(4606) Effect of Diammonium Phosphate Levels and Planting Pattern on Nutrient Uptake in Super-High-Yield Soybean Cultivars MA Zhao-hui, *et al.*

- 24(4790) Dynamic Monitoring of Spring Cold Damage of Double Cropping Rice in Southern China CHENG Yong-xiang, *et al.*
- 24(4805) Risk Assessment and Zoning of the Main Meteorological Disasters for Maize in Northeast China GAO Xiao-rong, *et al.*

PLANT PROTECTION

- 1 (53) Identification of Pathogen Causing Crown and Root Rot on Strawberry HAN Yong-chao, *et al.*
- 1 (61) Life Tables for Experimental Populations of *Frankliniella occidentalis* (Thysanoptera: Thripidae) Under Constant and Fluctuating Temperature WANG Hai-hong, *et al.*
- 1 (69) Influence of Spray Method on the Deposit and Distribution of Spray Droplets in Rice Field XU De-jin, *et al.*
- 1 (80) Cloning and Resistance Verification of a Target Gene of Glyphosate from *Klebsiella pneumoniae* S001 ZHANG Chun, *et al.*
- 2 (262) Relationship Between β -1, 4-Endoglucanase Gene in Endophytic *Bacillus* Strain BS2 and Its Colonization in Plant FAN Xiao-jing, *et al.*
- 2 (273) cDNA Cloning, Sequence Analysis and Prokaryotic Expression of Farnesyl Pyrophosphate Synthase from *Epicauta gorhami* Marseul (Coleoptera: Meloidae) FU Nan-xia, *et al.*
- 2 (284) Nested-PCR Rapidly Detecte *Acidovorax avenae* subsp. *citrulli* from Watermelon Seeds WANG Jing, *et al.*
- 3 (462) Identification and Analysis of *Magnaporthe oryzae* Avirulence Genes in Liaoning Province WANG Shi-wei, *et al.*
- 3 (473) Effects of Copper Stress on the Growth and Reproduction of *Ostrinia furnacalis* Guenée WANG Yu-hong, *et al.*
- 3 (482) Progress in Research of Cold Storage of Insect Parasitoids ZHAO Jing, *et al.*
- 4 (675) Functional Analysis of HrpX/HrpY in *Dickeya zeeae* Virulence CHEN Xue-feng,
- 4 (685) Characterization of a Phage-Displayed Nanobody Imitating Aflatoxin Antigen WANG Yan-ru,
- 4 (693) Effect of Exposure to Heat Stress on Survival and Fecundity of *Panonychus citri* YANG Li-hong,
- 5 (895) Cloning and Functional Analysis of Gene *PITG_10839* of NLP Family in *Phytophthora infestans* ZHAO Dong-mei,
- 5 (903) Rapid Detection for *Clavibacter michiganensis* subsp. *michiganensis* Using Real-Time PCR Based on Padlock Probe WANG Nian-wu,
- 5 (912) Secondary Metabolites Produced by *Serratia marcescens* as an Inhibitor Against TMV BI Jian-hua,
- 6(1099) Control Efficacy and Action Mechanism of Mineral Nutrition on Tobacco Bacterial Wilt ZHENG Shi-yan, *et al.*
- 6(1111) Development and Application of a Multiplex RT-PCR Assay for Detecting Three Sweet Cherry Virus Species ZONG Xiao-juan, *et al.*
- 6(1119) Progresses in Study of Virus-Based Vectors of Fruit Trees ZHOU Yan
- 8(1502) Induced *etr1-1* Expression in Petunias is Responsible for Its Tolerance to *Botrytis cinerea* WANG Hong, *et al.*
- 8(1512) Effects of Tebufenozide on mRNA Expression of Dopa Decarboxylase Gene in Larvae of *Spodoptera litura* Fabricius ZHANG Wen-hui, *et al.*

- 8(1522) Spatio-Temporal Expression and Insecticide Tolerance Analysis of Carboxylesterase Gene *LmCesF1* from *Locusta migratoria* ZHANG Jian-qin, *et al.*
- 9(1715) Genome-Wide Identification MAPK Superfamily and Establishment of the Model of MAPK Cascade Pathway in *Setosphaeria turcica* GONG Xiao-dong, *et al.*
- 9(1725) Identification and Analysis of Differentially Expressed Proteins of Host Rice (*Oryza sativa*) Infected with *Rice Grassy Stunt Virus* DING Xin-lun, *et al.*
- 9(1735) Gene Cloning and Expression Analysis of Three Odorant Receptors in the Diamondback Moth (*Plutella xylostella*) KONG Chang-yi, *et al.*
- 10(1939) Cloning and Expression Analysis of the Endo Polygalacturonases Gene *endoPGs* in *Rhizoctonia solani* Causing Tobacco Target Spot ZHAO Yan-qin, *et al.*
- 10(1947) Cloning and Expression Analysis of a Carboxylesterase Gene *BdCAREB1* from *Bactrocera dorsalis* SHEN Guang-mao, *et al.*
- 10(1956) Molecular Characteristics and Functional Analysis of Three Cytochrome P450 genes in *Locusta migratoria* REN Xiao-yu, *et al.*
- 11(2142) Construction of Enhanced Gene Knockout Frequency Recipient Strain by Deletion of *VdKu80* in *Verticillium dahliae* TIAN Li, *et al.*
- 11(2151) Correlation of *Candidatus Liberibacter asiaticus* and the Endophytic Community in *Diaphorina citri* SUN Li-qin, *et al.*
- 11(2162) Cloning, Expression and Purification of Ultraspiracle Protein Gene from *Apolygus lucorum* TAN Yong-an, *et al.*
- 12(2335) Genetic Diversity of *Botrytis cinerea* Isolates from Broad Bean HUANG Yan, *et al.*
- 12(2348) Comparison of Secretome Extraction Methods in *Verticillium dahliae* XIAO Hong-li, *et al.*
- 12(2357) *FoPLC4*, Encoding Phospholipase C4, Is Involved in Sporulation and Pathogenicity in *Fusarium oxysporum* SUN Ling, *et al.*
- 13(2552) Molecular Cloning of T-DNA Targeted Genes of *Ustilaginoidea virens* Pathogenicity-Defective Mutant Strain B-1015 HUANG Lei, *et al.*
- 13(2563) Molecular Characterization of the Negative Regulator PXO_02944 in Virulence, Extracellular Polysaccharide Production and Biofilm Formation in *Xanthomonas oryzae* pv. *oryzae* LI Xiao-tong, *et al.*
- 13(2571) Histochemical Assays and Signaling Pathway Analysis of β -Aminobutyric Acid Induced Resistance in Potato Against *Phytophthora infestans* WANG Jing, *et al.*
- 14(2762) Biological Characteristics and Genetic Diversity of *Ustilaginoidea virens* from Rice Regions in China WANG Wen-bin, *et al.*
- 14(2774) Expression and Analysis of β -1, 3-Glucanase Gene in Wheat TcLr35 Induced by Wheat Leaf Rust Pathogen and Signal Molecule LI Xiao-ying, *et al.*
- 14(2784) Screening of Putative Proteins in Vector *Laodelphax striatellus* Which are Interacted with Disease-Specific Protein of *Rice stripe virus* by Yeast Two-Hybrid Based on the Split-Ubiquitin QIN Fa-liang, *et al.*
- 15(2971) Function Analysis of *BcKMO* Gene in Growth, Development and Pathogenicity of *Botrytis cinerea* LI Pei-fen, *et al.*

- 15(2980) Construction of Knockout Vector of GTP Cyclohydrolase II Gene and Mutant's Biological Characteristics of *Valsa mali* SONG Na, *et al.*
- 15(2990) Sensitivity of Different Field Populations of *Tetranychus urticae* Koch (Acari: Tetranychidae) to the Acaricides in Beijing Area GONG Ya-jun, *et al.*
- 16(3167) Mechanism Analysis of Kynurenine 3-monoxygenase Gene *BcKMO* in Regulation of Pathogenicity in *Botrytis cinerea* LI Pei-fen, *et al.*
- 16(3174) Cloning of a Polyphenol Oxidase Gene (*GhPPO1*) of *Gossypium hirsutum* and Its Role in Cotton after *Helicoverpa armigera* Feeding ZHU Xiang-zhen, *et al.*
- 16(3184) Biochemical and Molecular Characteristics of Glutamic Decarboxylase from *Bactrocera dorsalis* WEI Dong, *et al.*
- 17(3382) Regulation of Cultural Characteristics and Virulence in *Verticillium dahliae* Hyphal Type Strain V07DF2 by the Catalytic Subunit VdPKAC1 of cAMP-Dependent Protein Kinase A DENG Sheng, *et al.*
- 17(3392) Molecular Basis of Resistance of Phytopathogenic Fungi to Several Site-Specific Fungicides ZHAN Jia-sui, *et al.*
- 17(3405) Microfluidic Electrophoresis Detection of *Tomato yellow leaf curl virus* (TYLCV) YU Ming-fen, *et al.*
- 18(3577) Impact on Strain Growth and Spinosad Biosynthesis by Overexpression of Cyclic AMP Receptor Protein Gene in *Saccharopolyspora spinosa* XU Miao, *et al.*
- 18(3588) Sublethal Effects of *Beauveria bassiana* Balsamo on Life Table Parameters of Subsequent Generations of *Bemisia tabaci* Gennadius WANG Deng-jie, *et al.*
- 19(3791) Cloning, Prokaryotic Expression and Polyclonal Antibody Preparation of Tropomyosin Gene in *Laodelphax striatellus* Fallén XU Qiu-fang, *et al.*
- 19(3799) Cloning and Spatio-Temporal Expression of the Thermoreceptor Gene *Painless* in Pea Aphids (*Acyrtosiphon pisum*) WEI Jin-jin, *et al.*
- 19(3810) Parasitism Potential of Three Indigenous *Trichogramma* Species on the Eggs of Soybean Pod Borer (*Leguminivora glycinivorella*) LIN Ying, *et al.*
- 20(3982) EST-SSR Information Analysis and Markers Development in *Fusarium oxysporum* LI Xin-feng, *et al.*
- 20(3992) Identification and Pathogenicity of Pathogen Causing Anthracnose on *Vaccinium* XU Cheng-nan, *et al.*
- 20(3999) Capability of the Predatory Mite in Carrying Conidia of *Beauveria bassiana* and Conidia Vitality and Virulence to *Frankliniella occidentalis* WU Sheng-yong, *et al.*
- 21(4269) Density-Dependent Effect of *Liriomyza trifolii* at Immature Stage and Interspecific Competition with *Liriomyza sativae* YI Hao, *et al.*
- 21(4280) Characteristics of Rice Leaf Surface and Droplets Deposition Behavior on Rice Leaf Surface with Different Inclination Angles XU Guang-chun, *et al.*
- 22(4417) Comparison and Analysis of the Field Infection Characteristics of *Heterodera glycines* Between Soybean and Tobacco ZHAO Hong-hai, *et al.*
- 22(4426) Blu-Rays Promote Conidiation of *Metarhizium anisopliae* and Expression of Related Regulating Gene *fluG* WANG Miao-miao, *et al.*
- 22(4436) Rhythm of Rice Leaf Folder (*Cnaphalocrocis medinalis*) to the Searchlight Trap QI Hui-hui, *et al.*

- 23(4618) Stem Rust Resistance Evaluation and Ug99-Resistance Gene Detection of 139 Wheat Cultivars WU Xian-xin, *et al.*
- 23(4627) Molecular Characterization and Analysis of Suppressing RNA Silence of P0 Protein Encoded by *Sugarcane yellow leaf virus* LIN Yi-hua, *et al.*
- 23(4637) Antennal Ultrastructure of *Aphidius gifuensis* and the Effect of Cold Storage on Antennae SUN Zhi-juan, *et al.*
- 24(4821) Screening of the Host Factors Interacting with CP of *Apple chlorotic leaf spot virus* by Yeast Two-Hybrid System HE Yi-kun, *et al.*
- 24(4830) Relationship Between Supercooling Capacity and Low Molecular Sugars and Polyols, and Amino Acids in Eggs of *Oedaleus asiaticus* LI Na, *et al.*

SOIL & FERTILIZER • WATER-SAVING IRRIGATION • AGROECOLOGY & ENVIRONMENT

- 1 (90) Study on Potassium Use Efficiency and Apparent Soil Potassium Balance Under Long-Term Rice-Barley Rotation TANG Xu, *et al.*
- 1 (100) Characterization of Soil Salinization Based on Canonical Correspondence Analysis Method in Gansu Yellow River Irrigation District of Northwest China YANG Si-cun, *et al.*
- 2 (292) Effect of Straw Incorporation Substitute for K-Fertilizer Under Different Paddy Soil K Supply Capacities LI Ji-fu, *et al.*
- 2 (303) Ecological Benefits and Environmental Carrying Capacities of Red Paddy Field Subjected to Long-Term Pig Manure Amendments LIU Kai-lou, *et al.*
- 2 (314) Effect and Assessment of Controlled Release Fertilizer and Additive Treatments on Greenhouse Gases Emission from a Double Rice Field WANG Bin, *et al.*
- 2 (324) Screening, Identification of Lignin-Degradating *Bacillus* MN-8 and Its Characteristics in Degradation of Maize Straw Lignin LI Hong-ya, *et al.*
- 3 (495) A Research on Response of Enzyme Activities to Long-term Fertilization in Lime Concretion Black Soil CHEN Huan, *et al.*
- 3 (503) Effect of Crystal Structures of Potassium-Bearing Minerals on *Aspergillus niger* Growth Metabolism and Potassium and Silicon Release SUN De-si, *et al.*
- 3 (514) Analyses on the Emergies of Multiple Compound Cropping Systems from Double-Cropping Paddy Fields in Jiangxi Province SUN Wei-min, *et al.*
- 4 (702) Study on the Nitrogen Mineralization Characters of Paddy Soil in Cold Area PENG Xian-long, *et al.*
- 4 (710) Application of Rough Set Theory to Determine Weights of Soil Fertility Factor YE Hui-chun, *et al.*
- 5 (923) Spatio-temporal Variability and the Influencing Factors of Soil Available Potassium in 30 Years in Quzhou County, Hebei Province ZHANG Ling-e, *et al.*
- 5 (934) Effects of Hedgerow Patterns on Soil Shear Strength and Anti-scourability on Slope Farmland in Purple Soil Area PU Yu-lin, *et al.*
- 6(1128) Irrigation Water Requirement Based on Soil Conditions in a Typical Irrigation District in a Marginal Oasis SU Yong-zhong, *et al.*
- 6(1140) Status and Trends of Agricultural Diffuse Pollution Research Based on Bibliometrics GAO Mao-fang, *et al.*
- 7(1362) Effects of Different Water and Nitrogen Supplies on Root Growth, Yield and Water and Nitrogen Use Efficiency of Small Pumpkin LIU Shi-quan, *et al.*

-
- | | | |
|----------|---|------------------------------|
| 7(1372) | The Influence of Solar Radiation and Water Demand on Microalgae Production | FENG Ting, <i>et al.</i> |
| 8(1531) | Effect of Field Border Width for Irrigation on Water Consumption Characteristics, Yield and Water Use Efficiency of Wheat | MA Shang-yu, <i>et al.</i> |
| 8(1541) | Canopy Interception of Summer Corn and Its Influencing Factors Under Natural Rainfall | HAN Xue, <i>et al.</i> |
| 9(1743) | The Nodule Characteristics and Nitrogen Fixation of Soybean in Maize-Soybean Relay Strip Intercropping | YU Xiao-bo, <i>et al.</i> |
| 9(1754) | Meteorological Drought Trend in Winter and Spring from 1960 to 2010 and Its Possible Impacts on Wheat in Wheat Planting Area of China | FANG Shi-bo, <i>et al.</i> |
| 9(1764) | Advances in Research on the Effects of Irrigation on the Greenhouse Gases Emission and Soil Carbon Sequestration in Agro-ecosystem | QI Yu-chun, <i>et al.</i> |
| 10(1966) | Effects of Drip Fertigation with No-Tillage on Water Use Efficiency and Yield of Winter Wheat | CHEN Jing, <i>et al.</i> |
| 10(1976) | Effects of Different Winter Planting-Green Manure on the Grain Yield of Rice and Weed Community of Paddy Field | CHEN Hong-jun, <i>et al.</i> |
| 11(2173) | Multifractal Characterization of Soil Particle Size Distribution Under Long-Term Different Fertilizations in Upland Red Soil | SUN Mei, <i>et al.</i> |
| 11(2182) | Response of Hot Pepper Growth to Soil Constitution and Water Regimes | JI Ya-lin, <i>et al.</i> |
| 12(2365) | Spatial Heterogeneity of Loess Tilled Slope Surface Roughness | ZHANG Li, <i>et al.</i> |
| 12(2374) | Study on Soil Total N Estimation by Vis-NIR Spectra with Variable Selection | YANG Mei-hua, <i>et al.</i> |
| 12(2384) | Accumulation Characteristics of Cadmium by Rice Cultivars in Soils and Its Species Sensitivity Distribution | SUN Cong, <i>et al.</i> |
| 13(2580) | Study on Wheat Yield Stability in Huaibei Lime Concretion Black Soil Area Based on Long-Term Fertilization Experiment | CHEN Huan, <i>et al.</i> |
| 13(2591) | Characterizing Variation of Topsoil Particle Size Distribution Based on Fractal Theory and Geostatistics | ZHANG Shi-wen, <i>et al.</i> |
| 14(2795) | Changes of Different Carbon Fractions Caused by Long-Term N Fertilization in Dryland Soil of the Loess Plateau | LI Xiao-han, <i>et al.</i> |
| 14(2804) | Effects of Nitrogen Supply Methods on Root Growth, Yield and Nitrogen Use of Maize | QI Dong-liang, <i>et al.</i> |
| 15(2998) | Comparison and Application Analysis of Several NDVI Time-Series Reconstruction Methods | ZHANG Han, <i>et al.</i> |
| 15(3009) | Impacts of Climate Change on Wheat Yield in China Simulated by CMIP5 Multi-Model Ensemble Projections | YANG Xuan, <i>et al.</i> |
| 16(3195) | Development of China Digital Soil Maps (CDSM) at 1 : 50 000 Scale | ZHANG Wei-li, <i>et al.</i> |
| 16(3214) | Review of Soil Classification and Revision of China Soil Classification System | ZHANG Wei-li, <i>et al.</i> |
| 16(3231) | A Summary of Methodology for Extracting, Integrating and Mapping of Massive Geo-Data | ZHANG Wei-li |
| 16(3250) | Design and Development of Software Package Intelligent Mapping Tools (IMAT) | ZHANG Wei-li |

- 17(3414) Response of Rice Yield and Nitrogen Uptake to Enhanced Efficiency Nitrogen Fertilizer in China: A Meta-Analysis YUAN Jun-li, *et al.*
- 17(3424) Effects of Long-Term Fertilization on Flue-Cured Tobacco Soil Nutrients and Microorganisms Community Structure CHEN Dan-mei, *et al.*
- 17(3434) The Toxicity Thresholds (EC_{50}) of Cadmium (Cd) to Rice Cultivars as Determined by Root-Elongation Tests in Soils and Its Predicted Models SONG Wen-en, *et al.*
- 18(3596) Distribution of Fertilizer Application and Its Environmental Risk in Different Provinces of China LIU Qin-pu
- 18(3606) Effects of Different Planting Patterns on Water Use of Soil and Crops Annual Productivity in Southern Hilly Dryland TANG Wen-guang, *et al.*
- 19(3817) Changes in Yellow Paddy Soil Organic Carbon Fractions Under Long-Term Fertilization ZHANG Li-min, *et al.*
- 19(3826) Optimization of Nitrogen Fertilizer Recommendation Technology Based on Soil Test for Winter Wheat on Weibei Dryland CAO Han-bing, *et al.*
- 19(3839) Effect of Water and Nitrogen on Yield and Nitrogen Utilization of Winter Wheat and Summer Maize LÜ Li-hua, *et al.*
- 20(4007) Effects of Fertilization on Aggregate Characteristics and Organic Carbon Distribution in a Paddy Soil in Dongting Lake Plain of China LI Wen-jun, *et al.*
- 20(4016) Effects of Combined Foliar Zn Application with N or P Under Different Water and Nitrogen Managements on Zn Nutritional Quality of Winter Wheat LI Hong-yun, *et al.*
- 20(4027) Effect of Fertilizer Levels and Tillage Methods on Soil Erosion and Nutrient Loss in Purple Soil Area YAN Jian-mei, *et al.*
- 21(4291) Capacity and Characteristics of Mineral Associated Soil Organic Carbon Under Various Land Uses CAI An-dong, *et al.*
- 21(4300) Effects of Nitrogen Levels on Characteristics of Dry Matter Accumulation and Source-Sink Activities of Radish WANG Xue, *et al.*
- 22(4445) The Correlation Analysis Between Tomato Yield, Growth Characters and Water and Nitrogen Supply LIU Shi-quan, *et al.*
- 22(4453) Soil Infiltration Characteristics in Fallow Period of Drip Irrigation Cotton Fields in South Xinjiang YAO Bao-lin, *et al.*
- 22(4463) Effects of Agronomic Measures on Soil Organic Carbon and Microbial Carbon Content in Cotton in Arid Region ZHANG Qian-bing, *et al.*
- 23(4648) Soil Organic Carbon in Agricultural Soils in China Under Global Climate Change ZHANG Xu-bo, *et al.*
- 23(4658) The Relationship Between Temperate Meadow Steppe Soil's Biological Properties and Aboveground Vegetation Under Different Grazing Intensities TAN Hong-yan, *et al.*
- 23(4668) Effects of the Potting Media Produced by Activated Sludge Vermicompost Stacked and Added Vermiculite on Eggplant Seedlings ZHAO Hai-tao, *et al.*
- 24(4840) Effects of Different Tillage Treatments and Rainfall Intensities on Soil Surface Roughness Under Simulated Condition LIANG Xin-lan, *et al.*

- 24(4850) Spatial Distribution of the Collapsing Alluvial Soil Physical Properties in Southeastern Hubei DENG Yu-song, *et al.*
- 24(4858) Several Conservation Practices Influencing the Hydrologic Processes and Drought of the Red Soil Sloping Farmland LIN Li-rong, *et al.*

HORTICULTURE

- 1 (111) EST-SSR Fingerprinting of Fifty Cabbage Representative Varieties from China WANG Qing-biao, *et al.*
- 1 (122) Molecular Mapping and Candidate Gene Analysis of Black Fruit Spine Gene in Cucumber (*Cucumis sativus* L.) LIU Shu-lin, *et al.*
- 2 (133) The Structure and Single Nucleotide Polymorphism Analysis of Chalcone Synthase Genes in Tea Plant (*Camellia sinensis*) ZHANG Li-qun, *et al.*
- 2 (334) Morphological and Molecular Studies on a Wild Citrus 'Longmen Xiangcheng' ZENG Ji-wu,
- 2 (344) Sequence Analysis of NBS-Type RGAs and Their Relationship with Anthracnose Resistance in Walnut AN Hai-shan,
- 2 (357) A Study on Comprehensive Evaluation of the Processing Tomato Varieties Multiple Traits HAN Ze-qun,
- 2 (366) Effect of Straw and Biochar on Soil Bulk Density, Cation Exchange Capacity and Nitrogen Absorption in Apple Orchard Soil GE Shun-feng,
- 3 (528) QTL Mapping and Analysis of the Important Agronomic Traits of Beijingjietou× Xishuangbanna Cucumber Recombinant Inbred Lines MA Zheng, *et al.*
- 3 (537) Effects of Sustained Weak Light on Seedling Growth and Photosynthetic Characteristics of Potato Seedlings QIN Yu-zhi, *et al.*
- 3 (546) Heterologous Expression of Taxadiene Synthase Gene in *Ganoderma lucidum* XIN Yan-hua, *et al.*
- 4 (718) Genetic Diversity and Phylogenetic Relationship of Ginger Germplasm Resources Revealed by SRAPs LI Xiu, *et al. et al.*
- 4 (727) Developing Mechanism of Fruits Texture in 'Jonagold' Apple and Its Crisp Flesh Sport CHEN Xue-sen, *et al.*
- 5 (946) Influence and Mechanism of Potassium Fertilizer on the Coloration of 'Fuji' Apple JIANG Xue-ling, *et al.*
- 5 (955) Organic Acid Content, Microbial Quantity and Enzyme Activity in Rhizosphere Soil of Four Citrus Rootstocks Under Different Phosphorus Levels LUO Yan, *et al.*
- 5 (968) Effects of Biochar on Alleviation of the Influence of *p*-hydroxybenzoic Acid on Physiological Characteristics in *Malus Hupehensis* Rehd. Seedlings WANG Yan-fang, *et al.*
- 6(1151) Bioinformatics of the MADS-Box Transcription Factor and Their Expression in Different Apple Tissues DONG Qing-long, *et al.*
- 6(1162) Evaluation of the Mastication and Comparison of Fruit Quality with Different Bearing Habits in Nanfeng Tangerine (*Citrus reticulata* Blanco cv. Kinokuni) WEI Qing-jiang, *et al.*
- 6(1171) Heat Stress Mitigation by Exogenous Nitric Oxide Application Involves Polyamine Metabolism and PSII Physiological Strategies in Ginger Leaves LI Xiu, *et al.*
- 7(1379) Terpenes Biosynthesis Related Gene Transcript Profiles and Terpenes Accumulation of 'Alexandria' Grape SUN Lei, *et al.*

- 7(1387) Cloning of a Plasma Membrane Aquaporin Gene *EjPIPI* in *Eriobotrya japonica* Leaves and Its Expression Analysis After AM Fungi Inoculation ZHANG Yan, *et al.*
- 8(1550) Molecular Mapping and Candidate Gene Analysis for Heavy Netting Gene (*H*) of Mature Fruit of Cucumber (*Cucumis sativus* L.) WANG Min, *et al.*
- 8(1558) Growth Regularity and Bulb Propagation Techniques of Lilies in Open Field WANG Ying, *et al.*
- 9(1774) Progresses in Research of Litchi Floral Differentiation CHEN Hou-bin, *et al.*
- 9(1784) Effects of Different Irrigation Treatments on the Growth and Fruit Quality of Himrod in Protected Cultivation LI Ya-shan, *et al.*
- 10(1985) Genome-wide Identification and Expression Analysis of Auxin Response Factor (ARF) Family in Cucumber SHENG Hui, *et al.*
- 10(1995) Effects of Aeration Cultivation on Root Architecture and Nitrogen Metabolism of Young Peach Trees XIAO Yuan-song, *et al.*
- 11(2193) Genetic Variation of F₁ Population Between *Malus sieversii* f. *neidzwetzkyana* and Apple Varieties and Evaluation on Fruit Characters of Functional Apple Excellent Strains CHEN Xue-sen, *et al.*
- 11(2205) Establishment and Application of Double Color DNA Fiber Fluorescence *in situ* Hybridization Using Bacterium Artificial Chromosomes in Apple WANG San-hong, *et al.*
- 12(2395) Analysis of Genetic Effects of the Cross Combinations of *Tagetes patula* PAN Chen, *et al.*
- 12(2405) Accumulation Characteristics of Volatile Compounds in Wine Grape Berries Grown in High Altitude Regions of Yunnan YANG Xiao-fan, *et al.*
- 13(2602) Bioinformatics and Expression Analysis of the *LysM* Gene Family in Apple ZHOU Zhe, *et al.*
- 13(2613) Isolation of Florigen Gene *PdFT* and Its Effects on Flowering of Tree Peony (*Paeonia delavayi* Franch.) ZHU Fu-yong, *et al.*
- 14(2814) Construction of a Genetic Linkage Map and QTL Analysis of Fruit-Associated Traits in Watermelon LIU Chuan-qi, *et al.*
- 14(2830) The Influence of Different Crops Rotation on the Environment of Soil and Physiological Characteristics of *Malus hupehensis* Rehd. Seedlings LÜ Yi, *et al.*
- 15(3025) The Tetraploid Induction of Shoot-Tip Plantlets with Colchicine in Garlic KONG Su-ping, *et al.*
- 15(3034) Genetic Diversity of Fruit Phenotypic Traits of Wild *Pyrus ussuriensis* Maxim AN Meng-meng, *et al.*
- 16(3264) Cloning and Expression Analysis of Fertility-Related Genes for the Genic Male Sterile Line in Pepper (*Capsicum annuum* L.) LIU Chen, *et al.*
- 16(3277) Cloning and Expression Analysis of Glutathione Reductase Genes (*CsGRs*) in Tea Plant (*Camellia sinensis*) YUE Chuan, *et al.*
- 17(3444) Isolation and Expression Analysis of *PmKNAT2* Gene from Japanese Apricot SUN Hai-long, *et al.*
- 17(3453) Difference in Starch Accumulation and Characterization of Sugar Metabolism During Fruit Development of Kiwi Fruit ZHANG Hui-qin, *et al.*
- 19(3850) Effects of Carbonized Straw on the Nitric Oxide Formation and Nitrate Metabolism in Apple Roots and Its Root Zone Soil YAN Li-juan, *et al.*

- 19(3857) Effects of *Pseudomonas fluorescens* Inoculation on Root Respiration and Seedling Growth of Cherry ZHANG Peng, *et al.*
- 19(3866) Effects of Calcium on Mitochondrial Function in *Malus baccata* Borkh. Roots Under Changing Temperature SU Hong, *et al.*
- 20(4036) QTL Mapping and Epistatic QTL for Clubroot Resistance Using a Chinese Cabbage× Turnip F₂ Population LI Peng-peng, *et al.*
- 20(4045) Comparison Between Tetraploid Watermelon(*Citrullus lanatus*) and Its Diploid Progenitor of DNA Methylation Under NaCl Stress ZHU Hong-ju, *et al.*
- 20(4056) Flesh Texture Characteristic Analysis of Pear WANG Yan-xia, *et al.*
- 21(4309) Evolutionary Study of *MAM* Genes Which Function in the Process of Glucosinolates Synthesis in *Brassica rapa* LIU Jin, *et al.*
- 21(4318) Expression and Protein Interaction Analysis of Light Responsive bZIP Transcription Factor *MdHY5* LI Hui-feng, *et al.*
- 21(4328) Advances in Study of the Effect of High Pressure on Quality and Microbes of Fresh-Cut Fruits and Vegetables ZHANG Xue-jie, *et al.*
- 22(4475) Effects of Water and Nitrogen Supply on the Growth and Water Use Efficiency of Cucumber(*Cucumis sativus* L.) Under Fertigation LI Jing, *et al.*
- 22(4488) Population Structure of ‘*Candidatus Liberibacter asiaticus*’ in China Revealed by SSR Markers HUANG Ai-jun, *et al.*
- 23(4680) Three-Dimensional Simulation of Canopy Structure and Light Interception for Tall Spindle Shape of Spur ‘Fuji’ Apple with Dwarf Interstock YANG Wei-wei, *et al.*
- 23(4695) The Influence of Changes of Endogenous Hormones in Shoot on the Grapes Flower Bud Differentiation in Greenhouse WANG Hai-bo, *et al.*
- 24(4868) Bioinformatics and Expression Analysis of *MdGSTU1* Gene Encoding a Resistance-Related Glutathione Transferase from Apple AN Xiu-hong, *et al.*
- 24(4878) Inheritance Tendency of Sugar and Acid Contents in the Reciprocal Cross Progenies’ Fruits of Southern × Northern High Bush Blueberry (*Vaccinium*) LIU You-chun, *et al.*
- 24(4886) Changes of Anatomical Structure of Xylem Vessels in Stalk During Huping Jujube Fruit Development and Its Relation of Fruit Cracking DING Gai-xiu, *et al.*

STORAGE • FRESH-KEEPING • PROCESSING

- 1 (145) Effects of Different Pre-slaughter Fasting Time on Mutton Quality XIA An-qi, *et al.*
- 2 (374) Study of Optimization of Preparation of Se-enriched Rice Bran Protein and Its Nutritive Compound of Mixed Proteins HU Qiu-hui, *et al.*
- 2 (383) Effect of Enzymolysis Conditions on Glucosinolates in Rapeseed Meal and Identification of Their Degradation Products DING Yan, *et al.*
- 3 (553) Study on Postharvest Physiology, Main Diseases and Storage Technology of Sweet Potato ZHANG You-lin, *et al.*
- 4 (736) Effects of Different Storage Methods on Fruit Quality of ‘Newhall’ Navel Orange (*Citrus sinensis* Osbeck‘Newhall’) in Southern Jiangxi Province HE Yi-zhong, *et al.*

- 4 (749) Effect of Oxidized Sheep Bone Oil on Volatile Flavor Compounds of Mutton Flavor Seasoning LIU Jin-kai, *et al.*
- 5 (977) Effect of Processing on Stable Carbon Isotopic Composition in Beef ZHOU Jiu-qing, *et al.*
- 6(1180) Relationship Between Color Parameters and Free Amino Acids and Biogenic Amines of Sliced Cooked Cured Beef Ham SUN Wei-qing, *et al.*
- 7(1397) Effect of Different Drying Methods on Drying Efficiency and Quality of Purple Sweet Potato LI Wen-feng, *et al.*
- 8(1567) Influence of Brown Rice Flour on Wheat Dough Rheological Properties and Cookie Quality Characteristics TANG Xiao-zhi, *et al.*
- 9(1793) Selection and Identification of Critical Amino Acids in Epitope 187-202 of *Pen a1* MOU Hui, *et al.*
- 9(1802) Selection and Identification of Anti-Cry1Ac scFv from a Phage Display Antibody Library by Magnetic Beads and Sandwich ELISA Immunoassay ZHANG Liu-quan, *et al.*
- 10(2003) Study on Relationship Between Myofibril Characteristics and Meat Quality of Chicken Raw Meat WANG Chun-qing, *et al.*
- 10(2013) Influence of Heating on Structure and Gel Properties of Myofibrillar Proteins from Chicken Breast Muscle YANG Yu-ling, *et al.*
- 11(2214) Effect of ^{60}Co Gamma Irradiation on Quality and Microstructure of Storage Brown Rice CHEN Yin-ji, *et al.*
- 11(2224) Rapid Determination of Vanillin in Infant Formulas by Surface Enhanced Raman Spectroscopy WANG Shi, *et al.*
- 12(2417) The Impact of Dilinolen on the Oxidative Stability of Soybean Oil JU Xing-rong, *et al.*
- 12(2425) Study of Lignification's Delaying and Its Relationship with Energy Metabolism in Loquat Fruits after Nitric Oxide Fumigation CHEN Fa-he, *et al.*
- 13(2625) Extraction Conditions Optimization of Main Organic Acids from Fruits PANG Rong-li, *et al.*
- 13(2634) Effect of Pre-Emulsified Emulsion Treated with Ultrasound on Qualities of Low-Fat Frankfurter-Style Sausages ZHAO Ying-ying, *et al.*
- 14(2840) Comparison of the Constitutions, Distribution, and Antioxidant Activities of Polyphenols from Different Varieties of Tartary Buckwheat Seed Produced from Different Regions of China LIU Qin, *et al.*
- 15(3044) Optimization and Functional Assessment of Oligosaccharides Compound Prepared by Sweet Potato Residue DONG Xiang-yan, *et al.*
- 15(3058) Effect of N-acetylmuramidase Knockout on Autolysis and Morphology of *Lactobacillus bulgaricus* LJJ CUI Wen-ming, *et al.*
- 16(3290) Accumulation of Reactive Oxygen Species Related to Disease Resistance Induced by BABA in Postharvest Banana (*Musa AAA*. cv. Brazil) Fruit TAN Wei-ping, *et al.*
- 16(3300) Effect of *Momordica charantia* Fruit Aqueous Extract on Serum Lipids Metabolic Disorder in Restraint Mice TANG Qin, *et al.*
- 20(4067) Identification of Anthocyanins in *Brassica campestris* L. and Their Stability and Antioxidant Activity KUANG Min-jie, *et al.*

- 23(4706) Simultaneous Determination of Main Flavonoids and Phenolic Acids in Citrus Fruit by Ultra Performance Liquid Chromatography ZHENG Jie, *et al.*

ANIMAL SCIENCE • VETERINARY SCIENCE • RESOURCE INSECT

- 1 (154) Inhibition of PI3K/AKT Pathway Suppressing Porcine Skeletal Muscle Sattelite Differentiation Through Activation of FoxO1 Transcription Factor SHI Xin-e, *et al.*
- 1 (161) GDF-10 Gene Polymorphism and Its Association with Production Traits in Gannan Yak LI Tian-ke, *et al.*
- 1 (170) Study on Inhibitory Effect of the Swainsonine from Alkaloid of *Astragalus strictus* Grah. *Ex Bend* on Bovine Viral Diarrhea Virus HAO Bao-cheng, *et al.*
- 2 (394) Cloning of Buffalo (*Bubalus bubalis*) Oct4 and Nanog Genes and Ectopic Expression in Buffalo Fetal Fibroblasts DENG Yan-fei, *et al.*
- 2 (403) Recent Advances in Research of the Expression and Role of C-Type Natriuretic Peptide as a Regulator in Control of Animal Ovary Performance JIA Zhen-wei
- 3 (564) Genome-Wide Association Analyses for Musle pH 72 h Value and Meat Color Traits in Sutai Pigs ZHOU Li-sheng, *et al.*
- 3 (574) Expression and Localization and Effect of Cdc42 Protein During the Maturation of Bovine Oocyte LIU Yang, *et al.*
- 3 (586) A-FABP and MSTN Gene Expression Patterns and Their Correlation in Different Tissues of Goose During Forced-feeding Period WANG Bao-wei, *et al.*
- 3 (594) Characterization of Cytochrome P450 Genes Involving in Ecdysteroidogenesis in Silkworm (*Bombyx mori*) CHENG Dao-jun, *et al.*
- 4 (759) Analysis of Bacterial Diversity in Rumen of Sika Deer (*Cervus nippon*) fed Different Forages Using DGGE and T-RLFP LI Zhi-peng, *et al.*
- 4 (769) Construction of Human CoaguLation Factor IX Mammary Expression Vector and Transfection HAN Xue-jie, *et al.*
- 4 (779) The Immunostimulation of F4ac ETEC-Culture Supernatant to Porcine Small Intestinal Epithelial Cells ZHOU Chuan-li, *et al.*
- 5 (984) Cloning and Activity Analysis of Hircine MyoG Promoter LI Shuo, *et al.*
- 5 (995) Analysis of Antibiotic Residues Detection in Corn DDGS YAO Ting, *et al.*
- 5(1006) Nano-Materials-Based Electrochemical Immunosensor for the Detection of Avian Reovirus HUANG Jiao-ling, *et al.*
- 6(1190) Genome-wide Detection of Selection Signature on Sunite Sheep WANG Guang-kai, *et al.*
- 6(1200) Progresses in Research of the Mechanisms of Skeletal Muscle Fiber Formation LI Bo-jiang, *et al.*
- 7(1409) Study on Marginal Profits of Traits in the Breeding Goal in Sanhe Cattle MA Qiu-meng, *et al.*
- 7(1417) The Preparation of mRNA Pluripotency Transcription Factors and Its Expression in Xuhuai Goat Fibroblasts QIU Feng-long, *et al.*
- 7(1427) Evaluation of the Biological Safety of Phytosterols for Broilers WANG Li-wen, *et al.*

- 7(1438) Pharmacokinetic Interaction of Ivermectin and Triclabendazole Following Co-administration to Sheep GAO Yan-yan, *et al.*
- 8(1577) *Myostatin* and Its Double-Muscling Phenotype in Animals WANG Jian-qi, *et al.*
- 8(1588) Plasma Metabolomics Study of Dairy Cows with Clinical and Subclinical Ketosis SUN Ling-wei, *et al.*
- 8(1600) Deposition of Foie Gras Goose Body Fat, Composition of Lipid and Metabolism of Lipid in Overfeeding Period WANG Bao-wei, *et al.*
- 8(1611) Bioinformational Analysis and Expression Pattern of V-ATPase in Silkworm (*Bombyx mori*) WANG Xin, *et al.*
- 9(1811) The Genetic Polymorphism, Expression of BMP7 Gene and Its Relationship with Lamb Skin Follicle Traits in Hu Sheep YIN Jin-feng, *et al.*
- 10(2021) Study of a True Hermaphrodite Pig ZHOU Yi, *et al.*
- 10(2030) Dynamic Variation of Symbionts in Bumblebees During Hosts Growth and Development XU Long-long, *et al.*
- 11(2233) Influence of Dietary Rapeseed Levels on Growth Performance, Rumen Fermentation Characteristics and Blood Biochemical Indices in Beef Cattle ZHANG Jie-jie, *et al.*
- 11(2242) Effect of Kuqin Compound on mRNA Transcription of Bcl-2/BAX in PK-15 Cells Infected by TGEV SHAO Qiu-hong, *et al.*
- 11(2251) Study on Rapid Detection Kit of Fleroxacin by icELISA JIA Guo-chao, *et al.*
- 12(2435) Cloning and Bioinformatics Analysis of PPAR γ Gene from Lanzhou Fat-Tailed Sheep JIN Fang-yuan, *et al.*
- 12(2446) Studies on Dietary Methionine Requirement of Jinghong Laying Hens from Hatch to the Age of 4 Weeks SONG Dan, *et al.*
- 13(2643) Effect of Seed Ultra-Drying Storage on Growth and Resistance of the *Medicago sativa* Seedlings Affected by Alkaline Salt Stress HUO Ping-hui, *et al.*
- 13(2652) Identification and Virulence Assessment for a Strain of *Brucella abortus* DING Jia-bo, *et al.*
- 13(2659) Identification, Phylogenetic and Tissue Expression Microarray Analyses of the Sirtuin Gene Family in Silkworm (*Bombyx mori*) CHEN Cong, *et al.*
- 14(2853) Genetic Diversity and Population Structure of Chinese and American Alfalfa (*Medicago Sativa*. L) Germplasm Assessed by SSR Markers QIANG Hai-ping, *et al.*
- 14(2863) Identification of the ORF2 and ORF3 of Porcine Circovirus Type 2-Like Virus P1 on the Protein and Transcriptional Levels WANG Feng-zhi, *et al.*
- 14(2872) Genome-Wide Association Study Reveals Candidate Susceptibility Loci for Pig Scrotal Hernia Using Both F₂ Intercross and Outbred Populations SU Ying, *et al.*
- 15(3069) Study on Differential Expression of Ovine *RARG* in Ovary at Different Estrous Cycles WANG Wei-min, *et al.*
- 15(3077) Prokaryotic Expression and Protective Efficacy of TPO18 Gene from *Taenia pisiformis* HAN Jin-huan, *et al.*
- 15(3085) Functional Characterization of *BmFAF* as an Immune Negative Regulatory Molecule in Silkworm (*Bombyx mori*) MA Xiao-juan, *et al.*
- 16(3308) Advances in Differentiation of iPS Cells into Male Germ Cells DU Jun-hui, *et al.*

- 16(3315) Constructing Bronchial Arteries Stereoscopic Specimen of Pig by Independent and Combined Casting Methods HAN Zhi-lei, *et al.*
- 17(3465) The Regulation of pH Value of Liquid Feed on Blood Gas Parameters in Holstein Bull Calves TU Yan, *et al.*
- 17(3475) Differences in Expression of HSPA2 in Different Tissues and Organs of Yak WEN Ze-xing, *et al.*
- 17(3483) Transcription Profiles of Immune-Related Genes in Chickens Infected by *Salmonella Enteritidis* and Poly(I:C) SUN Yan, *et al.*
- 18(3700) Genome-Wide Association Study on Porcine Serum Glucose (GLU) and Glycosylated Serum Proteins (GSP) with High Density SNP Markers ZENG Zhi-jun, *et al.*
- 18(3708) Effects of Zearalenone Contaminated Diets on Serum Metabolite and Histopathology of Liver and Kidney in Weaned Piglets JIANG Shu-zhen, *et al.*
- 18(3716) Regulation of GnIH on Reproduction of Female Pig WANG Yao, *et al.*
- 19(3874) Structures and Functions Prediction and Expression Profiles of Calreticulin as Calcium Binding Chaperones in Chicken WANG Li-li, *et al.*
- 19(3883) Development of a Colloidal Gold Immunochromatographic Technique for Simultaneous Detection of Quinolones and Gentamicin in Milk LI Xiang-mei, *et al.*
- 19(3890) Effect of Salbutamol on the Pupation, Emergence, Life Span, Antioxidative Capacity and DNA Damage in *Drosophila melanogaster* SUN Bing, *et al.*
- 20(4078) Research Progress in Muscular Growth and Development of Long Noncoding RNAs WEI Cai-hong, *et al.*
- 20(4086) Research on Key Factors Restricting Efficiency of Sperm-Mediated Gene Transfer JIAO Ming-xia, *et al.*
- 20(4096) Detection and Analysis of Resistance Genes in Quinolone-Resistant *Escherichia coli* Isolates from Different Livestocks in Xinjiang NAN Hai-chen, *et al.*
- 22(4495) The Strategy of Parameter Optimization of Bayesian Methods for Genomic Selection in Livestock ZHU Bo, *et al.*
- 22(4506) Effect of *Lactobacillus reuteri* I5007 on Intestinal Morphology, Disaccharidase Activity and Tight Junction Protein Expression in Newborn Piglets YANG Feng-juan, *et al.*
- 22(4516) Influence of Ammonia Concentration on Growth Performance and Meat Quality of Broilers LI Cong, *et al.*
- 23(4718) Effects of CZKJKL on Stress-Related Factors of Nerve - Endocrine - Immune System of Rats After Immunological Induction SUN Yao-gui, *et al.*
- 23(4726) Development of an ELISA Method for Multi-Residue Detecting of Fluoroquinolones LI Xin-peng, *et al.*
- 23(4736) Sequencing and Phylogenetic Analysis of the RPB1 Gene of *Nosema* sp. PA YAN Wei, *et al.*
- 24(4895) The Biological Identification of FABP4 Transgenic Cattle ZHAO Jing-xian, *et al.*
- 24(4904) Effects of Artemisinine on the Rumen Fermentation and Microbial Nitrogen Recycling Rate in Goats WANG Hong-rong, *et al.*
- AGRICULTURAL ECONOMY & MANAGMENT**
- 4 (786) Study on Value Loss Evaluation Model and Compensation Mechanism of Cultivated Land Conversion REN Ping, *et al.*

- 4 (796) Analysis of International Competitive Ability of Seed Industry in China Based on the Market Share WANG Lei, *et al.*
- 20(4109) Study on Lawmaking About Fertilizer Use and Management in China PENG Shi-qi
- 20(4117) Study on Construction of Agricultural Informatization Taking Shandong Province as a Case RUAN Huai-jun, *et al.*
- 23(4745) Study on the Regional Differences and Influential Factors of the Development of China's Green Food Industry HUANG Man-yu, *et al.*

RESEARCH NOTES

- 1 (182) Sugar-Nitrogen Characteristics of Wheat at Yield Level of 9 000 kg·hm⁻² Following Rice DING Jin-feng, *et al.*
- 1 (191) Defense Enzyme Activity of Winter Jujube at Different Stages Induced by the Damage of *Apolygus lucorum* LI Lin-mao, *et al.*
- 1 (199) Effects of Ovariectomy on Serum GH Levels and Expression of GHR in Some Tissues of Female Goats ZHANG Lei, *et al.*
- 3 (605) Comprehensive Evaluation of Relationship Between Rootstocks and Yield and Quality in Grafting Tomato GAO Fang-sheng, *et al.*
- 4 (806) Analysis of the Relative Expression of microRNA-10 in Different Developmental Stages and Various Tissues of *Hyalomma asiaticum* YUAN Xiao-song, *et al.*
- 4 (814) Variation of Muscle Glycogen of IRA Rabbit After Slaughter and Its Correlation with Changes of Rabbit Meat Quality XUE Shan, *et al.*
- 5(1013) Evolution of Agronomic Traits of Wheat and Analysis of the Mechanism of Agronomic Traits Controlling the Yield Traits in the Huang-Huai Plain ZHANG Li-ying, *et al.*
- 5(1029) Screening and Identification of Differentially Expressed Endodormant Genes from Latent Buds and Prompt Buds by Suppression Subtractive Hybridization MIN Zhuo, *et al.*
- 6(1208) Construction of SSR Genetic Linkage Map and Analysis of QTLs Related to β -glucan Content of Naked Oat (*Avena nuda* L.) WU Bin, *et al.*
- 6(1216) Cloning and Expression Analysis of PAL Gene in Seed Coat of *Cucurbita pepo* LIU Jia, *et al.*
- 6(1227) Analysis of P Fertilizer Efficiency Under Rice-Rapeseed Rotation System BU Rong-yan, *et al.*
- 6(1235) Cloning and Eukaryotic Expression of DXS Gene from *Babesia bovis* WANG Jing, *et al.*
- 8(1622) Molecular Cloning and Functional Characterization of Transcription Factor *HbERF1* in *Hevea brasiliensis* AN Ze-wei, *et al.*
- 8(1634) Impacts of Magnetized Water Irrigation on Soil Infiltration and Soil Salt Leaching ZHANG Rui-xi, *et al.*
- 8(1642) Effects of Returning Farmland to Tea on Soil Organic Carbon Pool of Hilly Region in the Western Sichuan LI Wei, ZHENG *et al.*
- 8(1652) Determination of Carotenoids in the Fruit of *Elaeagnus conferta* Roxb. by High Performance Liquid Chromatography HU Hai-tao, *et al.*
- 9(1819) Identification and Gene Mapping of a Dominant Narrow Leaf Mutant *Dn11* in Rice (*Oryza sativa*) SANG Xian-chun, *et al.*

- 9(1828) Effects of Different Cultivation Patterns on Rice Yield and Crab in Rice-Crab Culture System XU Min, *et al.*
- 9(1836) Genetic Diversity of *Helicoverpa assulta* (Lepidoptera: Noctuidae) in Guizhou Province SHI Pei-qiong, *et al.*
- 9(1847) Effect of Different Concentrations of Organic Matter Fermentation Fluid on the Young Apple Tree Leaf Photosynthesis Fluorescent Parameters and Root Antioxidant Activity Under Replant Conditions YIN Cheng-miao, *et al.*
- 9(1858) Genetic Polymorphism of the SCD1 Gene and Its Associations with Milking Traits in Chinese Holstein WANG Xiao-long, *et al.*
- 10(2038) Comprehensive Evaluation of Salt Tolerance and Screening for Salt Tolerant Accessions of Naked Oat (*Avena nuda* L.) at Germination Stage CHEN Xin, *et al.*
- 10(2047) Effects of Water and Nitrogen Management Patterns on Population Quality and Yield of Hybrid Rice Gangyou 527 SUN Yong-jian, *et al.*
- 10(2062) Morphologic and Physiologic Characterization of an Ovule Abortion Mutant in *Brassica napus* XU Wang-jie, *et al.*
- 11(2262) Cloning and Expression Analysis of Two Novel PPR Genes in *Gossypium hirsutum* L. HE Peng, *et al.*
- 11(2272) Construction and Analysis of a Full-Length cDNA Library of Peanut Embryos at Different Developmental Stages CHEN Hua, *et al.*
- 12(2455) Improvement of the Saccharinity by Additive Action of Sucrose Transporters VvSUC11 and VvSUC12 in Transgenic Sugar Beet YAN Tian-tian, *et al.*
- 12(2465) Cloning and Expression Analysis of Nitrate Reductase Gene (*MaNR*) of *Morus* L. WANG Xi-ling, *et al.*
- 12(2476) Effects of Fertilizer in Shallow Soils on Growth and Distribution of Rice Roots at Seedling Stage SUN Hao-yan, *et al.*
- 13(2671) Validation and Application of Function Markers CWI22 and CWI21 of *TaCwi-A1* Gene Related to Wheat Kernel Weight XIANG Ji-shan, *et al.*
- 13(2680) QTL Mapping and Interaction Analysis of Seed Protein Content and Oil Content in Soybean HOU Meng, *et al.*
- 13(2690) Cloning and Bioinformatics Analysis on CDS of CYGB Gene in Yak SUN Xue-jing, *et al.*
- 14(2881) Molecular Mapping and Physiological Characterization of a Novel Mutant *r115(t)* in Rice ZHANG Li-xia, *et al.*
- 14(2889) Isolation of a Maize Wound-Induced Gene Promoter and Characterization of the Gene Expression in Maize LIAN Yun, *et al.*
- 14(2897) Separation and Purification of Polyphenol in Litchi Pulp by Macroporous Resin SU Dong-xiao, *et al.*
- 15(3094) *PMRP* Expression Characteristics and Analysis of the Function in *Arabidopsis* ZHANG Hao, *et al.*
- 15(3103) Temporal Incubation Dynamic of Apple Leaf Brown Spot Caused by *Diplocarpon mali* YONG Dao-jing, *et al.*
- 15(3112) Analysis on the Barriers of Interspecific Hybridization Between *Rosa rugosa* and *Rosa hybrid* YU Xiao-yan, *et al.*
- 17(3492) Construction of Genetic Map of Foxtail Millet (*Setaria italica* (L.) Beauv.) Using PCR-Based Molecular Markers WANG Zhi-lan, *et al.*

- 17(3501) Vacuolar Protein Sorting AtVPS25 Regulates Auxin Responses in *Arabidopsis thaliana* GUO Meng-meng, *et al.*
- 17(3513) Creation and Chromosome FISH Identification of Cucumber Materials with Different Ploidies GUAN Wei, *et al.*
- 19(3898) The Development and Identification of New Peanut Germplasm Materials with High Oleic Acid and Medium Pod LI Li, *et al.*
- 19(3907) Response of Root Architecture, Nutrients Uptake and Shoot Growth of *Malus hupehensis* Seedling to the Shape of Root Zone FAN Wei-guo, *et al.*
- 19(3914) Analysis on the Content of Major Heavy Metals in Top Ten Teas from Zhejiang Province ZHANG Jian-yang, *et al.*
- 19(3922) Expression of Silkworm Vitellogenin Receptor *in Vitro* LUO Juan, *et al.*
- 20(4128) Impact of Biochar Application on Soil Nutrients and Microbial Diversities in Continuous Cultivated Cotton Fields in Xinjiang GU Mei-ying, *et al.*
- 21(4341) Cloning of *PAL* Gene in ‘Yali’ Pear and Its Expression During Fruit Development and Wounding YAN Hong-bo, *et al.*
- 22(4524) Cloning and Function Analysis of a *MaDFR* Gene from Mulberry LI Jun, *et al.*
- 22(4533) Artificial Rearing and Morphological Determination of the Diploid Honey Bee in *Apis cerana cerana* GAN Hai-yan, *et al.*
- 22(4540) The Polyphenols Composition of *Lycium ruthenicum* Murr. from Different Places YAN Ya-mei, *et al.*
- 23(4754) Regional Analysis of Transcription Activity and Screening of Interaction Proteins of AtMYB73 Transcription Factor in *Arabidopsis* FAN Jin-tao, *et al.*
- 23(4763) Study on Viremia of the Ducks Infected with DHOV-HB Strain XIE Jia, *et al.*

(The end)