

福建农业学报 第 38 卷 (2023 年) 总目次

题 名	作 者 (期):起始页
山羊 <i>FN1</i> 基因 InDel 位点鉴定及其与生长性状的关联性分析	吴贤锋, 等 (1): 1
鸭圆环病毒和鹅圆环病毒三引物鉴别检测方法的建立	王梦鸽, 等 (1): 7
基于 SRAP 和 SCoT 标记分析不同甜樱桃品种遗传多样性	李沛华, 等 (1): 12
荔枝杂交 F_1 代群体部分枝叶性状的遗传变异分析	蔡汝鹏, 等 (1): 23
20 个丝瓜品种的花粉形态特征研究	陈朝文, 等 (1): 31
云南松苗木萌蘖能力对氮、磷配施的响应规律	王 雪, 等 (1): 39
高知芽孢杆菌 <i>Cytobacillus kochii</i> H 产蛋白酶条件优化及抑菌效应	王学文, 等 (1): 47
放良重楼内生真菌的分离鉴定及抑菌活性	孙慧茹, 等 (1): 58
不同病毒侵染种根对太子参生长及产量和品质的影响	王 丁, 等 (1): 68
米根霉菌纤维素酶活性及其对农田废弃物的降解效果	王伟英, 等 (1): 75
不同钝化剂对黄棕壤旱地严格管控类土壤镉的钝化效果	袁昌权, 等 (1): 81
施肥对沿海沙地鼓节竹叶片建成成本及适应性的影响	吴 君, 等 (1): 90
生石灰对蜜柚果园强酸性土壤化学性质和细菌群落结构的影响	陈红梅, 等 (1): 99
烟秆与竹炭基肥对植烟土壤碳氮组分及微生物的影响	吴凤英, 等 (1): 109
基于偏最小二乘判别分析研究铜藻液体肥对 3 种蔬菜种子萌发和幼苗生长的影响	周明炀, 等 (1): 116
水稻优良恢系福恢 676 的粒形及米质分析	连 玲, 等 (2): 127
基于流式细胞术对朱砂根种质资源基因组大小的测定	康 阳, 等 (2): 137
番茄 <i>GT-1</i> 基因组织表达模式及非生物胁迫、植物生长调节剂响应分析	崔宝禄, 等 (2): 144
蓝莓 <i>VcILR1</i> 基因的克隆与表达分析	胡丽超, 等 (2): 151
茄子果实生长发育过程中果皮主要色素含量的变化及相关基因表达分析	谭 枫, 等 (2): 158
基于形态标记与 SRAP 标记的莱豆种质资源遗传多样性分析	郭媛贞, 等 (2): 166
濒危植物峨眉凤仙花叶绿体基因组分析	赵秋燕, 等 (2): 174
植物工厂中银合欢幼苗生长条件的优化	庄朋静, 等 (2): 183
黄芪茎叶粉对肉牛体外瘤胃发酵参数、产气量及干物质消化率的影响	魏曼丽, 等 (2): 193
不同稻田生态种养模式对土壤理化性质及综合肥力的影响	张晓龙, 等 (2): 202
不同菌草品种叶片叶绿素含量的光谱特征参数模型研究	白妮妮, 等 (2): 210
周年生长特性 (大小年) 下毛竹根际细菌和内生细菌群落结构及其多样性特征	袁宗胜, 等 (2): 220
圆叶决明降解对土壤细菌组成和结构动态变化的影响	钟珍梅, 等 (2): 229
红曲糟固态制曲对米曲霉 3.042 产孢子及产酶特性影响	赵毅涛, 等 (2): 238
枇杷采后冷害发生机制及其预防技术研究进展	林 瀚, 等 (2): 245
斑点叉尾鲩 <i>EGFL9</i> 基因变异位点与生长性状的关联分析	张文平, 等 (3): 253
啤酒糟替代饲料中不同比例精料对湖羊瘤胃发酵及微生物多样性的影响	王迎港, 等 (3): 262
不同品系及生长时间金线莲活性成分及挥发性物质比较分析	何 辉, 等 (3): 271
番茄 <i>WRKY</i> 转录因子比较鉴定及细菌胁迫响应	水德聚, 等 (3): 281

大白菜 <i>F-BOX</i> 基因家族的鉴定与核盘菌诱导应答分析	冯冬林, 等 (3): 294
锦葵科作物 SSR 标记在玫瑰茄中的通用性分析	李云清, 等 (3): 302
荷叶离褶伞遗传差异性分析及菌丝形态鉴定	黄家庆, 等 (3): 312
南方根结线虫 <i>MiPDCD6</i> 基因多克隆抗体的制备	陈 晨, 等 (3): 322
脱氧雪腐镰刀菌烯醇 (DON) 作为激发子对马铃薯土传病害的防治效果研究	魏旭红, 等 (3): 329
莼菜溃疡病菌分子检测方法的建立及田间监测	陈思妍, 等 (3): 339
白花除虫菊高效再生体系的建立	张艺萍, 等 (3): 346
长期施肥对赤红壤旱地有机质含量影响及其灰色预测研究	李 娟, 等 (3): 352
胶质芽孢杆菌 (<i>Bacillus mucilaginosus</i>) 复合抗热保护剂优化研究	陈郑榕, 等 (3): 360
天然林与人工林中锥栗外生菌根真菌多样性研究	袁 超, 等 (3): 367
牛传染性鼻气管炎病毒糖蛋白 gB 和 gD 的研究进展	戴莎莎, 等 (3): 376
不同施氮量对江汉平原长粒型优质籼稻产量品质的影响	郝蓉蓉, 等 (4): 387
几个新选水稻不育系主要农艺性状的配合力及通径分析	邬相宏, 等 (4): 401
木薯 <i>MeERF1.2</i> 基因克隆及表达分析	曾 坚, 等 (4): 410
甜菜单胚细胞质雄性不育系与保持系的育性鉴定及筛选	赵雅儒, 等 (4): 417
含 ACC 脱氢酶的根际促生菌对切花月季生长的影响	李文祥, 等 (4): 423
牛轮状病毒 RT-PCR 检测方法的建立及应用	刘维巍, 等 (4): 431
福建地区滑液囊支原体的分离、鉴定及对 7 日龄 SPF 鸡致病性	王晨燕, 等 (4): 436
水稻白叶枯病广谱抗性基因 <i>Xa7</i> 共显性功能标记的开发与应用	彭 建, 等 (4): 444
臭椿枝叶化学成分抗烟草花叶病毒活性研究	吴江梅, 等 (4): 454
4 种信息化合物对枇杷园黄胸蓟马及有益昆虫诱捕评价	陈艺欣, 等 (4): 461
超级稻及其再生稻镉累积特性及安全风险分析	时鹏涛, 等 (4): 468
化肥减量条件下秸秆还田配施腐植酸对玉米碳氮代谢的影响	郭 伟, 等 (4): 475
普城沙雷氏菌 ACCC 02146 产灵菌红素调控基因的鉴定	丁霞飞, 等 (4): 485
灰树花不同浓度醇提物的活性成分分析及抗氧化、抗 EV71 病毒的作用研究	熊雯宇, 等 (4): 497
响应面优化姜黄淀粉的酶法提取工艺	池泓霏, 等 (4): 506
优质、广适超甜玉米新品种闽双色 6 号的选育	廖长见, 等 (5): 515
花粉管通道法转 <i>EPSPS</i> 基因创制耐草甘膦玉米种质	李向龙, 等 (5): 524
不同耕作方式对寒地水稻产量品质及土壤有机质组分的影响	夏玉莹, 等 (5): 530
金线莲甘露糖-1-磷酸尿苷转移酶基因的克隆与表达分析	李和平, 等 (5): 537
蚕豆芽苗菜高左旋多巴产量的 LED 光培养条件研究	李程勋, 等 (5): 545
龙眼 <i>DLIGO4</i> 和 <i>DLIGO6</i> 启动子的克隆及活性分析	陈荣珠, 等 (5): 552
地面覆盖反光膜对巨峰葡萄果实着色及品质的影响	刘鑫铭, 等 (5): 559
红丽海棠茎尖超低温保存技术研究	彭 颖, 等 (5): 566
马缨杜鹃查尔酮异构酶 (RdCHI1) 重组蛋白的制备及功能验证	王聿晗, 等 (5): 574
茶树 <i>FtsH</i> 基因家族鉴定及 <i>CsFtsH31</i> 功能分析	何仕玉, 等 (5): 583
嗜水气单胞菌 Sec 分泌系统亚基 SecD 的生理功能研究	傅钰琰, 等 (5): 598
大赤隐翅虫的线粒体基因组研究及系统发育分析	林兴雨, 等 (5): 607

大豆咖啡酰辅酶 A-O-甲基转移酶 (CCoAOMT) 基因克隆及结构分析	郭子雯, 等 (5): 616
西藏沙棘根瘤内生假单胞菌的分离鉴定及促生性研究	马福林, 等 (5): 624
酿酒酵母 JP2 代谢苹果酸途径及其关键基因解析	苏 昊, 等 (5): 632
藏猪和大约克猪 <i>FABP3</i> 基因多态性及差异表达分析	杨绍康, 等 (6): 639
褪黑素受体 Mel 1a 在皖西白鹅各组织中的表达与分布	李 瑞, 等 (6): 646
鲤疱疹病毒 2 型与 3 型双重 PCR 检测方法的建立与应用	陈永聪, 等 (6): 652
两系杂交稻紫两优 737 功能成分与产量性状分析	房贤涛, 等 (6): 657
多花黄精 <i>ACY1</i> 基因家族鉴定及其表达分析	张 慧, 等 (6): 666
多花黄精 <i>PLT</i> 基因家族的鉴定与表达分析	朱田圆, 等 (6): 678
海岛棉类受体胞质激酶 RLCK VI 家族全基因组鉴定与胁迫表达分析	赵曾强, 等 (6): 686
外源褪黑素对铝胁迫下番茄生长的调节作用	张建新, 等 (6): 698
添加生物炭对连作黄瓜生长及营养吸收的影响	黄馨怡, 等 (6): 707
减氮施肥结合修剪处理对百香果结果蔓生长及单株产量与品质的影响	刘智成, 等 (6): 714
响应面法优化鹿茸菇液体菌种发酵配方	单灿灿, 等 (6): 723
温度对红肩瓢虫 <i>Harmonia dimidiata</i> Fabricius 生长发育的影响	孙 莉, 等 (6): 732
柳杉毛虫成虫触角的超微形态与性别差异	梁 运, 等 (6): 739
铬在土壤-作物系统中的迁移及安全利用调控研究	罗泉达 (6): 746
基于单色光的植物光合响应曲线及其模型研究	王 洪, 等 (6): 753
不同水稻 <i>tms5</i> 突变位点对雄性不育起点温度的影响	吴明基, 等 (7): 761
播期及温度对紫两优 737 农艺性状、品质和类黄酮含量的影响	房贤涛, 等 (7): 772
紫糯特种稻紫两优 737 重要农艺性状遗传分析	陈春霞, 等 (7): 783
马蔺不同花期挥发性成分的 GC-MS 分析	朱 莹, 等 (7): 792
辣椒海藻糖-6-磷酸合酶基因 <i>CaTPS9</i> 的克隆及表达分析	黄立娟, 等 (7): 800
中国沙棘 <i>HrNHX6</i> 基因克隆及其在干旱胁迫下的表达分析	罗程月, 等 (7): 809
潮汐灌溉对番茄苗期生长及基质水分耗散的影响	潘可可, 等 (7): 817
3 种香型葡萄果实香气物质组分及其不同生长阶段含量变化	朱骏驰, 等 (7): 824
转录组测序分析天冬氨酸和谷氨酸对广叶绣球菌生长的影响	刘晓瑜, 等 (7): 833
应用 SSR 分子标记鉴定非洲菊 F1 代杂种的真实性	曹奕鸯, 等 (7): 842
牛嶧病毒 <i>TaqMan</i> 荧光定量 RT-PCR 检测方法的建立及应用	赵润涛, 等 (7): 851
6 种渔药制剂对马口鱼幼鱼的急性毒性及安全评价	林而舒, 等 (7): 857
宁夏引黄灌区盐碱富硒土壤对水稻硒元素吸收积累的影响	唐珣璠, 等 (7): 864
甘蔗耐旱内生菌的筛选、鉴定及功能研究	罗艳菊, 等 (7): 873
水活度和温度对苦荞麦黄曲霉菌株 MI18-S1 生长和产毒的影响	周 飘, 等 (7): 882
新型番鸭细小病毒 Rep 蛋白羧基端亚片段的原核表达及多克隆抗体制备	胡非凡, 等 (8): 889
猪 c-Myc 蛋白多克隆抗体的制备	田淑婧, 等 (8): 894
玉米甘油-3-磷酸酰基转移酶基因 <i>ZmGPAT13</i> 生物信息学及表达特性分析	李 鑫, 等 (8): 901
红蓝光质调控烟苗根系发育的机理研究	林智慧, 等 (8): 910
2 种优质梨果实质地差异的显微观察及与细胞壁代谢酶的相关性	白牡丹, 等 (8): 917

基于转录组测序的金钱蒲类黄酮生物合成基因的表达分析	陈 钰, 等 (8): 924
伊藤杂种茎叶化学成分及其综合抗氧化能力	陈友锋, 等 (8): 932
金鱼草 DUS 测试数量性状分析与分组性状判定	陈宇华, 等 (8): 944
滇杨性别连锁的 SSR 标记	李启少, 等 (8): 953
6 种杀虫剂对草地贪夜蛾的防效及对螟黄赤眼蜂的安全性	赵建伟, 等 (8): 960
山苍子精油提取工艺优化及抑菌活性	伍楷文, 等 (8): 966
海桐叶斑病病原菌鉴定、生物学特性及防治药剂筛选	汤子萱, 等 (8): 976
灌溉水源中沙门氏菌的 SYBR Green I 实时荧光定量 PCR 检测方法的建立	吕 新, 等 (8): 983
基于 ITS 基因条码的保健食品中植物源性成分的鉴定	邱希斌 (8): 989
猪圆环病毒 2 型复制酶蛋白的胞内互作蛋白研究进展	陈羽彤, 等 (8): 1004
新型鸭呼肠孤病毒弱毒 S 株在雏番鸭体内的增殖规律	胥焯然, 等 (9): 1011
猪流行性腹泻病毒特异性 SigA 抗体间接 ELISA 检测方法的建立及应用	朱海侠 (9): 1017
圆圈病毒 3 型 <i>TaqMan</i> 荧光定量 PCR 检测方法的建立及应用	庄丽云, 等 (9): 1024
姜黄素对过氧化氢诱导的罗非鱼肝细胞热休克蛋白基因表达的影响	李林明, 等 (9): 1030
不同底物对液体发酵饲料细菌群落结构的影响	陈倩倩, 等 (9): 1037
不结球白菜与苗用大白菜远缘杂交农艺性状的遗传分析	邵贵荣, 等 (9): 1047
不同果袋对红阳猕猴桃果实色泽及花青苷合成相关基因表达的影响	姜 新, 等 (9): 1054
滇牡丹花粉粒发育细胞学观察与雄蕊愈伤组织诱导及增殖培养	牟亚萍, 等 (9): 1064
福建寿宁高山红茶矿质元素和稀土元素特征分析	徐梦婷, 等 (9): 1073
红蕴含笑花器官香气成分分析	谭雨晴, 等 (9): 1082
猫尾草叶绿体基因组结构及其解析	吴民富, 等 (9): 1094
老枞根际放线菌鉴定及其对可可毛色二孢抑制效果研究	陈小尘, 等 (9): 1103
樟树溃疡病菌糖苷水解酶基因 <i>LtGH88</i> 的克隆与表达	唐文彬, 等 (9): 1112
纤维素降解菌的分离筛选及产酶条件优化	张 慧, 等 (9): 1117
伏牛山 3 种典型针叶林植硅体碳的封存特性及稳定性比较研究	张楚磊, 等 (9): 1124
水稻肽转运蛋白基因 <i>OsPtr1</i> 的功能分析	胡昌泉, 等 (10): 1133
盐胁迫对藜麦种子萌发生长的影响及耐盐机理研究	邓焕莹, 等 (10): 1139
高接枇杷两种树形的枝梢分布特点与质量差异	许奇志, 等 (10): 1146
国外芍药品种在扬州地区的引种观测及综合评价	钱景扬, 等 (10): 1155
黑木耳水提物和粗多糖溶液的流变特性及饮料开发	吴 俐, 等 (10): 1163
低蛋白饲料添加 Glu 和 Arg 对断奶仔猪肠道代谢产物与菌群的影响	方桂友, 等 (10): 1176
细菌刺激下克氏原螯虾 <i>prx4</i> 基因的免疫响应和抗氧化功能研究	张明达, 等 (10): 1185
新疆裸重唇鱼仔鱼饥饿试验及不可逆点的确定	张 涛, 等 (10): 1195
不同环境因子对桉树枝瘿姬小蜂生长适应性的影响	刘 雅, 等 (10): 1204
福建省一种蓝莓枝枯病病原鉴定	张小艳, 等 (10): 1214
基于坐标注意力机制和残差网络的水稻叶片病虫害识别	廖媛珺, 等 (10): 1220
秸秆还田对稻田土壤磷素形态及磷循环微生物功能基因的影响	李 季, 等 (10): 1230
辽北地区玉米田适宜耕作模式研究	隋世江, 等 (10): 1242

安溪县茶园土壤肥力评价	王艳飞, 等 (10): 1249
玉米咖啡酸 O-甲基转移酶的全基因组鉴定与功能分析	张 璐, 等 (11): 1259
福建省山药初级核心种质的构建	张武君, 等 (11): 1267
粉皮冬瓜表皮蜡粉微形态及蜡粉组分研究	张 荟, 等 (11): 1277
双孢蘑菇 9 个杂交菌株的蛋白质营养评价与分析	郭仲杰, 等 (11): 1285
文心兰花粉离体萌发培养基的筛选及萌发率的测定	罗远华, 等 (11): 1293
苏州市夏季园林植物光合特性及固碳释氧、降温增湿效益研究	王秋艳, 等 (11): 1302
浦市黑猪保种群体基于 SNP 芯片的遗传结构分析	邓 缘, 等 (11): 1312
山药根腐线虫病发生动态及连作土壤线虫群落结构特征	范琳娟, 等 (11): 1321
老鼠簕真菌病原的分离鉴定及生物学特性	马 林, 等 (11): 1329
高温胁迫对灰茶尺蠖生命参数及保护酶活性的影响	乔 利, 等 (11): 1337
秸秆还田对南方稻田土壤 N ₂ O 排放及硝化和反硝化微生物群落的影响	韩兴华, 等 (11): 1344
人参根、茎叶及其根际土壤中重金属污染评价及迁移能力分析	冉文倩, 等 (11): 1358
蚯蚓改良水浇地土壤入渗性能及影响因素分析	陈 静, 等 (11): 1367
城郊型乡村“三生”功能评价与发展格局分析 —— 以福州市晋安区 59 个村为例	蔡悦林, 等 (11): 1376
引起种 (蛋) 鸭输卵管积液综合征的新发病毒 —— C 型禽偏肺病毒	傅秋玲, 等 (12): 1387
西洋参茎叶提取物对鹌鹑生长性能和肌肉品质的影响	葛 楠, 等 (12): 1395
抗病优质杂交稻品种野香优 699 的选育与应用	朱永生, 等 (12): 1405
盐胁迫下中国沙棘生理指标变化及水通道蛋白基因的表达模式	施 会, 等 (12): 1414
中国水仙 <i>FT</i> 基因的表达及功能分析	李婷婷, 等 (12): 1420
7 种樟科植物叶功能性状及其对土壤因子的响应	刘爱林, 等 (12): 1428
茶树炭疽菌 N425 全基因组测序与基因功能注释	张永康, 等 (12): 1437
多粘类芽孢杆菌 NPDY05-8 对玉米茎基腐病的防治效果及对土壤微生物的影响	邓 云, 等 (12): 1445
木薯 UDP 依赖型糖基转移酶基因 <i>MeUGT25</i> 在抗细菌性枯萎病中的功能研究	曾 坚, 等 (12): 1453
华北低丘陵山区人工林土壤微生物生物量碳氮变化及其影响因素	庄静静, 等 (12): 1459
土壤真菌群落特征对长期玉米秸秆还田方式的响应	张巩固, 等 (12): 1466
金枪鱼蒸煮液蛋白营养评价及其功能特征氨基酸分析	吴羽茜, 等 (12): 1478
福建农业现代化水平测度与发展对策研究	池敏青, 等 (12): 1485
《福建农业学报》第 38 卷 (2023 年) 总目次	1499

FUJIAN JOURNAL OF AGRICULTURAL SCIENCES

General contents of the Vol. 38 (2023)

Relationship between InDel Polymorphism of <i>FN1</i> Gene and Growth Traits of Goats	WU Xianfeng, <i>et al.</i> (1): 1
Establishment of a Triple-primer Multiplex PCR Assay for Discriminative Detection of Duck and Goose Circoviruses	WANG Mengge, <i>et al.</i> (1): 7
SRAP and SCoT Markers-based Analysis on Genetic Diversity of Sweet Cherry Cultivars	LI Peihua, <i>et al.</i> (1): 12
Genetic Variations on Traits of F1 <i>Litchi chinensis</i> Leaves and Branches	CAI Rupeng, <i>et al.</i> (1): 23
Morphological Characteristics of Pollens of Varieties of Luffa	CHEN Chaowen, <i>et al.</i> (1): 31
Sprouting of <i>Pinus yunnanensis</i> Seedlings in Response to N/P Application	WANG Xue, <i>et al.</i> (1): 39
Process Optimization and Antimicrobial Effect of <i>Cytobacillus kochii</i> H Protease	WANG Xuewen, <i>et al.</i> (1): 47
Isolation, Identification, and Antibacterial Activity of Endophytic Fungi from <i>Paris qiliangiana</i>	SUN Huiru, <i>et al.</i> (1): 58
Growth, Yield, and Quality of <i>Pseudostellaria heterophylla</i> Affected by Different Viruses Infecting Seed Roots	WANG Ding, <i>et al.</i> (1): 68
Cellulose Enzymatic Activity of <i>Rhizopus oryzae</i> and Degrading Efficiency on Agricultural Waste	WANG Weiyang, <i>et al.</i> (1): 75
Cadmium Decontamination of Polluted Yellow-brown Dryland Soil by Passivator	YUAN Changquan, <i>et al.</i> (1): 81
Fertilization for Cultivating <i>Bambusa tuldoidea</i> on Coastal Sandy Land	WU Jun, <i>et al.</i> (1): 90
Effects of Quicklime Application on Chemical Properties and Microbial Community of Highly Acidic Pomelo Orchard Soil	CHEN Hongmei, <i>et al.</i> (1): 99
Effects of Tobacco Stalk Biochar- and Bamboo Biochar-based Fertilizers on Carbon, Nitrogen, and Microbes in Soil of Tobacco Field	WU Fengying, <i>et al.</i> (1): 109
Evaluation of <i>Sargassum horneri</i> Liquid Fertilizer for Vegetable Seed Germination and Seedling Growth	ZHOU Mingyang, <i>et al.</i> (1): 116
Grain Shape and Quality of Premium Rice Restorer Fuhui 676	LIAN Ling, <i>et al.</i> (2): 127
Flow Cytometric Determination on Genome Size of <i>Ardisia crenata</i> Germplasms	KANG Yang, <i>et al.</i> (2): 137
Expressions and Responses to Abiotic Stresses and Plant Growth Regulator of Tomato <i>GT-1</i>	CUI Baolu, <i>et al.</i> (2): 144
Cloning and Expression of <i>VcILR1</i> in Blueberry	HU Lichao, <i>et al.</i> (2): 151
Formation and Gene Expression of Pigments in Eggplant Pericarp	TAN Feng, <i>et al.</i> (2): 158
Morphological and SRAP Markers-based Genetic Diversity Determination on <i>Phaseolus lunatus</i> L. Germplasms	GUO Yuanzhen, <i>et al.</i> (2): 166
Complete Chloroplast Genome of Endangered <i>Impatiens omeiana</i>	ZHAO Qiuyan, <i>et al.</i> (2): 174
Condition Optimization for <i>Leucaena leucocephala</i> Seedling Growth in Factory	ZHUANG Pengjing, <i>et al.</i> (2): 183
Effect of <i>Astragalus Membranaceus</i> Straw on Cattle Rumen Digestion <i>In Vitro</i>	WEI Manli, <i>et al.</i> (2): 193
Effects of Crop/Animal Co-cultivations on Physiochemical Properties and Fertility of Rice Paddy Soil	ZHANG Xiaolong, <i>et al.</i> (2): 202
Building of JUNCAO Leaf Chlorophyll Spectrum Model	BAI Nini, <i>et al.</i> (2): 210
The Community Structure and Diversity Characteristics of Rhizosphere Bacteria and Endophytic Bacteria in <i>Phyllostachys edulis</i> under Annual Growth Characteristics (On and Off Years)	YUAN Zongsheng, <i>et al.</i> (2): 220
Effect of Composting <i>Chamaecrista rotundifolia</i> on Microbial Community in Soil	ZHONG Zhenmei, <i>et al.</i> (2): 229
Effects of solid-state fermentation of Hongqu rice wine grains on spore production and enzyme-production characteristics of <i>Aspergillus oryzae</i> 3.042	ZHAO Yitao, <i>et al.</i> (2): 238
Research Progress on Development and Prevention of Chilling Injury on Postharvest Loquat Fruits	LIN Han, <i>et al.</i> (2): 245
Variation Sites on <i>EGFL9</i> Associated with Growth of Channel Catfish	ZHANG Wenping, <i>et al.</i> (3): 253
Effects of Substituting Refined Forage with Beer Lees on Digestion and Microbial Diversity of Hu Sheep Rumen	WANG Yinggang, <i>et al.</i> (3): 262

Active Ingredients and Volatiles in <i>Anoectochilus roxburghii</i> Strains at Various Growth Stages	HE Hui, <i>et al.</i> (3): 271
Identification and Pathogenic Response of Tomato WRKY Transcription Factors	SHUI Deju, <i>et al.</i> (3): 281
Genome-wide Identification and Transcript Response to Sclerotinia of <i>F-BOX</i> Genes in Chinese Cabbage	FENG Donglin, <i>et al.</i> (3): 294
Universality of Simple Sequence Repeat (SSR) Markers from Malvaceae plants to Roselle (<i>Hibiscus sabdariffa</i> L.)	LI Yunqing, <i>et al.</i> (3): 302
Genetic Differences and Mycelial Morphology of <i>Lyophyllum decastes</i> Strains	HUANG Jiaqing, <i>et al.</i> (3): 312
Preparation of Polyclonal Antibody against MiPDCD6 Protein in <i>Meloidogyne incognita</i>	CHEN Chen, <i>et al.</i> (3): 322
Efficacy of Vomitoxin as Elicitor for Controlling Soilborne Diseases on Potato Plants	WEI Xuhong, <i>et al.</i> (3): 329
Detection and Field Monitoring of Water Spinach Canker	CHEN Siyan, <i>et al.</i> (3): 339
High-performance Regeneration of Pyrethrum	ZHANG Yiping, <i>et al.</i> (3): 346
Organic Matter Content and Its Grey Prediction in Latosolic Red Soil Affected by Long-Term Fertilization ..	LI Juan, <i>et al.</i> (3): 352
Thermal Protection of Encapsulated <i>Bacillus mucilaginosus</i>	CHEN Zhengrong, <i>et al.</i> (3): 360
Ectomycorrhizal Fungi Communities at Natural and Cultivated <i>Castanea henryi</i> Forests	YUAN Chao, <i>et al.</i> (3): 367
Research Progress on Glycoprotein gB and gD of Infectious Bovine Rhinotracheitis Virus	DAI Shasha, <i>et al.</i> (3): 376
Yield and Quality of Long-grain Indica Rice in Jiangnan Plain Affected by N-fertilizations	HAO Rongrong, <i>et al.</i> (4): 387
Agronomic Trait Combining Abilities and Correlation with Yield of New Male Sterile Rice Lines ..	WU Xianghong, <i>et al.</i> (4): 401
Cloning and Expression of <i>MeERF1.2</i> in Cassava	ZENG Jian, <i>et al.</i> (4): 410
Certifying Heredity Purity of Monogerm Cytoplasmic Male Sterile and Maintainer Sugar Beet	ZHAO Yaru, <i>et al.</i> (4): 417
Effect of Rhizobacteria Containing ACC Deaminase on Growth of Rose Bush	LI Wenxiang, <i>et al.</i> (4): 423
A RT-PCR Method for Detecting Bovine Rotavirus	LIU Weiwei, <i>et al.</i> (4): 431
Isolation, identification and pathogenicity of <i>Mycoplasma synoviae</i> strains from Fujian to 7-day-old SPF chickens	WANG Chenyan, <i>et al.</i> (4): 436
Codominance Functional Marker of Bacterial Blight Resistant <i>Xa7</i> in Rice	PENG Jian, <i>et al.</i> (4): 444
Anti-TMV Activity of Chemicals in Leaves and Branches of <i>Ailanthus altissima</i>	WU Jiangmei, <i>et al.</i> (4): 454
Evaluation of Four Semiochemicals in the Trapping of <i>Thrips hawaiiensis</i> (Thysanoptera: Thripidae) and Beneficial Insects in Loquat Orchard	CHEN Yixin, <i>et al.</i> (4): 461
Cadmium Accumulation and Food Safety of First Crop and Ratoon Rice	SHI Pengtao, <i>et al.</i> (4): 468
Effects of Chemical Fertilizer Reduction with Humic Acid Addition on Carbon and Nitrogen Metabolism of <i>Zea mays</i> under Straw-returning Cultivation	GUO Wei, <i>et al.</i> (4): 475
Prodigiosin-producing Genes in <i>Serratia plymuthica</i> ACCC 02146	DING Xiafei, <i>et al.</i> (4): 485
Active Ingredients and Antioxidative and Anti-EV71 Virus Effects of <i>Grifola frondosa</i> Ethanol Extract	XIONG Wenyu, <i>et al.</i> (4): 497
Response Surface Optimization on Enzymatic Extraction Process of Turmeric Starch	CHI Hongfei, <i>et al.</i> (4): 506
Breeding of High-quality, Wide-adaptability Super-sweet Corn, Minshuangse No. 6	LIAO Changjian, <i>et al.</i> (5): 515
Glyphosate-tolerant Maize Plants Generated by Pollen Tube Pathway Method	LI Xianglong, <i>et al.</i> (5): 524
Effects of Tillage Methods on Rice Quality and Yield and Soil Organic Matters in Regions of Cold Climate in China	XIA Yuying, <i>et al.</i> (5): 530
Cloning and Expression of Mannose-1-phosphate Guanyltransferase Gene in <i>Anoectochilus roxburghii</i> ..	LI Heping, <i>et al.</i> (5): 537
LED-stimulated Levodopa Production in Broad Bean Sprouts	LI Chengxun, <i>et al.</i> (5): 545
Cloning and Activity of <i>DLIGO4</i> and <i>DLIGO6</i> Promoters from <i>Dimocarpus longan</i>	CHEN Rongzhu, <i>et al.</i> (5): 552
Effects of Ground-covering Reflective Film on Coloration and Quality of Kyoho Grapes	LIU Xinming, <i>et al.</i> (5): 559
Cryopreservation of <i>Malus</i> Red Splendor Crabapple Shoots	PENG Ying, <i>et al.</i> (5): 566
Preparation and Function Verification of Recombinant Protein of Chalcone Isomerase Gene from <i>Rhododendron Delavayi</i>	WANG Yuhan, <i>et al.</i> (5): 574

- Identification of *FtsH* gene family and functional analysis of *CsFtsH31* gene HE Shiyu, *et al.* (5): 583
- Physiological Functions of *SecD* in *Aeromonas hydrophila* FU Yuying, *et al.* (5): 598
- Mitochondrial Genome and Phylogenetics of *Philonthus spinipes* (Sharp, 1874) LIN Xingyu, *et al.* (5): 607
- Cloning and Bioinformatics of *CCoAOMT* Relating to Resistance of Soybean to Cyst Nematodes GUO Ziwen, *et al.* (5): 616
- Identification and Growth-promoting Effects of Endophytic *Pseudomonas* sp. from *Hippophae thibetana* Root Nodules
..... MA Fulin, *et al.* (5): 624
- Metabolism pathway of malic acid in *Saccharomyces cerevisiae* JP2 and analysis of its key genes SU Hao, *et al.* (5): 632
- Polymorphisms and Expressions of *FABP3* in Tibetan and Yorkshire Pigs YANG Shaokang, *et al.* (6): 639
- Expression and Distribution of Melatonin Receptor Mel 1a in Tissues of Wanxi White Geese LI Rui, *et al.* (6): 646
- Dual PCR Detection of Type 2 and 3 *Cyprinus Herpesvirus* CHEN Yongcong, *et al.* (6): 652
- Functional Components and Yield Traits of Two-line Hybrid Rice Ziliangyou 737 FANG Xiantao, *et al.* (6): 657
- Identification and Functions of *ACY1* Family in *Polygonatum cyrtoneura* ZHANG Hui, *et al.* (6): 666
- Identification and Expressions of *PLT* Family of *Polygonatum cyrtoneura* ZHU Tianyuan, *et al.* (6): 678
- Genome-wide Identification and Expressions under Stresses of *RLCK VI* Family in *Gossypium barbadense*
..... ZHAO Zengqiang, *et al.* (6): 686
- Regulating Effect of Exogenous Melatonin on Aluminum Toxicity in *Solanum lycopersicum* L. ... ZHANG Jianxin, *et al.* (6): 698
- Effects of Biochar Addition in Soil on Growth and Nutrient-uptake of Monocropped Cucumber Plants ... HUANG Xinyi, *et al.* (6): 707
- Effects of Nitrogen-reducing Fertilization and Pruning on Growth, Yield, and Fruit Quality of Passion Fruit Vine
..... LIU Zhicheng, *et al.* (6): 714
- Response Surface Optimization of Medium Formulation for Culture of *Lyophyllum decastes* SHAN Cancan, *et al.* (6): 723
- Effect of Ambient Temperature on Growth and Development of *Harmonia dimidiata* Fabricius SUN Li, *et al.* (6): 732
- Morphological Differentiations on Antennae of Male and Female *Dendrolimus houi* LIANG Yun, *et al.* (6): 739
- Chromium Migration and Application of Conditioners in Vegetable-growing Soil LUO Quanda (6): 746
- Light Response Curves and Photosynthesis Models on Plants Exposed to Monochromatic Lights WANG Hong, *et al.* (6): 753
- Critical Sterility-inducing Temperature of Rice Affected by *tms5* Mutation Site WU Mingji, *et al.* (7): 761
- Effects of Sowing Time and Ambient Temperature after Heading on Agronomic Traits and Grain Quality/Flavonoid Content of
Ziliangyou 737 FANG Xiantao, *et al.* (7): 772
- Analysis of Genotypes Related to Important Agronomic Traits of Purple Waxy Special Rice Variety Ziliangyou 737
..... CHEN Chunxia, *et al.* (7): 783
- GC-MS Analysis on Volatiles of *Iris lactea* var. *chinensis* at Different Flowering Stages ZHU Ying, *et al.* (7): 792
- Bioinformatics and Expression of *CaTPS9* in Chili Peppers HUANG Lijuan, *et al.* (7): 800
- Cloning and Expression under Drought of *NHX6* in *Hippophae rhamnoides* LUO Chengyue, *et al.* (7): 809
- Effects of Ebb-and-flow Irrigation on Tomato Seedling Growth and Substrate Water-dissipation PAN Keke, *et al.* (7): 817
- Aromatics in Three Flavor-type Grapes and Content Changes at Different Growth Stages ZHU Junchi, *et al.* (7): 824
- Transcriptome Analysis on Effect of Glutamic and Aspartic Acids on Growth of *Sparassis latifolia* ... LIU Xiaoyu, *et al.* (7): 833
- Authentication of F1 *Gerbera jamesonii* Hybrids Using SSR Molecular Markers CAO Yiyang, *et al.* (7): 842
- TaqMan qRT-PCR Assay for Detecting Bovine Kobuvirus ZHAO Runtao, *et al.* (7): 851
- Acute Toxicities of Six Aquaculture Drugs on Juvenile *Opsariichthys bidens* LIN Ershu, *et al.* (7): 857
- Effects of Salinity and Alkalinity of Selenium-rich Soils in Yellow River Irrigation Area of Ningxia on Selenium Absorption and
Quality of Rice TANG Yufan, *et al.* (7): 864
- Screening, Identification, and Functional Study on Drought-tolerant Endophytes in Sugarcane LUO Yanju, *et al.* (7): 873
- Effects of Water Activity and Temperature on Growth and Toxin-producing of *Aspergillus flavus* MI18-S1 on Tartary Buckwheat
Grains ZHOU Piao, *et al.* (7): 882
- Prokaryotic Expression of C-terminus Subfragment of Rep Protein and Preparation of Polyclonal Antibody of New-genotype
Muscovy Duck Parvovirus HU Feifan, *et al.* (8): 889

Preparation of Polyclonal Antibody Against c-Myc Protein in <i>Sus scrofa</i>	TIAN Shujing, <i>et al.</i> (8): 894
Bioinformatics and Expression of Glycerol-3-phosphate Acyltransferase 13 Gene of Maize	LI Xin, <i>et al.</i> (8): 901
Mechanism of Red or Blue Light in Regulating Root Development of Tobacco Seedlings	LIN Zhihui, <i>et al.</i> (8): 910
Correlation with Cell Wall Metabolizing-related Enzymes and Microstructure Observation in Texture Differences of two Kinds of High-Quality Pear Fruit	BAI Mudan, <i>et al.</i> (8): 917
Expressions of Flavonoid Biosynthesis Genes in <i>Acorus gramineus</i> Determined by Transcriptome Sequencing	CHEN Yu, <i>et al.</i> (8): 924
Chemical Composition and Antioxidant Activity in Stems and Leaves of <i>Paeonia</i> Intersubgeneric Hybrids	CHEN Youfeng, <i>et al.</i> (8): 932
DUS Traits and Classification of <i>Antirrhinum majus</i> L.	CHEN Yuhua, <i>et al.</i> (8): 944
SSR Markers Associated with Sex-difference of <i>Populus yunnanensis</i> Dode	LI Qishao, <i>et al.</i> (8): 953
Control efficiency of six insecticides on the <i>Spodoptera frugiperda</i> and the evaluation of toxicity to <i>Trichogramma chilonis</i> Ishii	ZHAO Jianwei, <i>et al.</i> (8): 960
Study on process optimization and antibacterial activity of <i>Litsea cubeba</i> essential oil	WU Kaiwen, <i>et al.</i> (8): 966
Identification, Biological characteristics, and Fungicides screening of the Pathogen causing Leaf spot disease on <i>Pittosporum tobira</i>	TANG Zixuan, <i>et al.</i> (8): 976
SYBR Green I RT-PCR Assay for Quantitative Detection of Salmonella in Irrigation Water	LV Xin, <i>et al.</i> (8): 983
Utilization of ITS Gene Barcodes for Identifying Plant-derived Functional Ingredients in Health Food Products	QIU Xibin (8): 989
Research Progress on Intracellular Proteins Interacting with PCV2 Rep	CHEN Yutong, <i>et al.</i> (8): 1004
Replication of Attenuated Strain S of Novel Duck Reovirus in Muscovy Ducklings	XU Zhuoran, <i>et al.</i> (9): 1011
An Indirect ELISA Assay for Detecting Specific SIgA Antibody of Porcine Epidemic Diarrhea Virus	ZHU Haixia (9): 1017
A TaqMan RT-qPCR Assay for Gyrovirus 3 Detection	ZHUANG Liyun, <i>et al.</i> (9): 1024
Effect of Curcumin on HSP Expression in Tilapia Hepatocytes under Hydrogen Peroxide Stress	LI Linming, <i>et al.</i> (9): 1030
Microbial Community in Fermented Forage Affected by Ingredients Used	CHEN Qianqian, <i>et al.</i> (9): 1037
Agronomic Inheritance of Distant Hybrids of Non-heading and Leafy Chinese Cabbages	SHAO Guirong, <i>et al.</i> (9): 1047
Effects of Various Fruit-bagging Pouches on Coloration and Anthocyanin Synthesis-related Gene Expression of Hongyang Kiwifruits	JIANG Xin, <i>et al.</i> (9): 1054
Pollen Cytology, Stamen Callus Induction, and Seedling Propagation of <i>Paeonia delavayi</i>	MOU Yaping, <i>et al.</i> (9): 1064
Minerals and Rare-earth Elements in Alpine Black Tea from Shouning, Fujian	XU Mengting, <i>et al.</i> (9): 1073
Aromatics in Floral Organs of <i>Michelia platypetala</i> Hongyun	TAN Yuqing, <i>et al.</i> (9): 1082
Structure of <i>Uraria crinita</i> Chloroplast Genome	WU Minfu, <i>et al.</i> (9): 1094
Identification and Inhibitory Effect on <i>Lasiodiplodia theobromae</i> of Actinomycetes in <i>Camellia sinensis</i> Rhizosphere Soil	CHEN Xiaochen, <i>et al.</i> (9): 1103
Cloning and Expression of <i>LtGH88</i> in <i>Lasiodiplodia theobromae</i>	TANG Wenbin, <i>et al.</i> (9): 1112
Isolation and Enzymatic Activity of Cellulose-degrading Bacteria	ZHANG Hui, <i>et al.</i> (9): 1117
Storage and Stability of Phytolith-occluded Carbon in Three Typical Coniferous Forests at Mt. Funiu	ZHANG Chulei, <i>et al.</i> (9): 1124
Functions of <i>OsPtr1</i> in Rice	HU Changquan, <i>et al.</i> (10): 1133
Growth and Saline-tolerance of Quinoa Seeds and Seedlings under Salt Stress	DENG Huanying, <i>et al.</i> (10): 1139
Spatial Distribution and Quality of Branches on Two Types of High-grafted Loquat Trees	XU Qizhi, <i>et al.</i> (10): 1146
Evaluation of <i>Paeonia lactiflora</i> Varieties for Introduction to Yangzhou	QIAN Jingyang, <i>et al.</i> (10): 1155
Rheological Properties of Water Extract and Crude Polysaccharide Solution of <i>Auricularia auricula</i> and Beverage Development	WU Li, <i>et al.</i> (10): 1163
Effects of Low Protein Diet Supplemented with Glutamate and Arginine on Intestinal Metabolites and Microbiota of Weaned Piglets	FANG Guiyou, <i>et al.</i> (10): 1176
Immune Response and Antioxidant Activities of Bacteria-stimulated <i>Prx4</i> in <i>Procambarus clarkii</i>	ZHANG Mingda, <i>et al.</i> (10): 1185

Tolerance and PNR of <i>Gymnodiptychus dybowskii</i> Larvae under Artificial Starvations	ZHANG Tao, <i>et al.</i> (10): 1195
Adaptation of <i>Leptocybe invase</i> to Varying Environmental Conditions	LIU Ya, <i>et al.</i> (10): 1204
Pathogen of Branch Blight on Blueberry Plants in Fujian	ZHANG Xiaoyan, <i>et al.</i> (10): 1214
Improved Identification of Leaf Diseases and Pest Infestations on Rice by Means of Coordinate Attention Mechanism-based Residual Network	LIAO Yuanjun, <i>et al.</i> (10): 1220
Effects of Straw-returning on Phosphorus Morphology and Microbial Phosphorus-cycling Genes in Rice Paddy Soil LI Ji, <i>et al.</i>	LI Ji, <i>et al.</i> (10): 1230
Eco-friendly and Efficient Maize Farming for North Liaoning Region	SUI ShiJiang, <i>et al.</i> (10): 1242
Fertility of Tea Plantation Soil in Anxi	WANG Yanfei, <i>et al.</i> (10): 1249
Identification and Functions of Caffeic Acid O-methyltransferase Genes in Maize	ZHANG Lu, <i>et al.</i> (11): 1259
Establishing a Primary Core Collection of Chinese Yam Germplasms in Fujian	ZHANG Wujun, <i>et al.</i> (11): 1267
Micro-morphology and Compositions of Epidermal Wax on Waxy Gourd	ZHANG Hui, <i>et al.</i> (11): 1277
Protein Nutritional Value of Nine <i>Agaricus bisporus</i> Hybrids	GUO Zhongjie, <i>et al.</i> (11): 1285
Optimized Medium and Culture Conditions for Germination of <i>Oncidium Pollens</i>	LUO Yuanhua, <i>et al.</i> (11): 1293
Summertime Photosynthesis, Carbon-fixation, Oxygen-release, Atmosphere-cooling, and Humidifying Effect of Landscape Plants in Suzho	WANG Qiuyan, <i>et al.</i> (11): 1302
Genetics of Preserved Pushi Black Pigs Analyzed Using SNP Chip	DENG Yuan, <i>et al.</i> (11): 1312
Occurrence of Root-lesion Disease on Yams and Characteristics of Nematode Community in Continuous Cropping Soil	FAN Linjuan, <i>et al.</i> (11): 1321
Isolation, Identification, and Biological Characteristics of a Fungal Pathogen on <i>Acanthus ilicifolius</i>	MA Lin, <i>et al.</i> (11): 1329
Effects of High Temperature on Lifespan, Fecundity, and Protective Enzymes of <i>Ectropis grisescens</i> ...	QIAO Li, <i>et al.</i> (11): 1337
Effects of Straw-returning on N ₂ O Emission and Nitrifying/Denitrifying Microbes in Paddy Soil in Southern China	HAN Xinghua, <i>et al.</i> (11): 1344
Migration of Heavy Metals in Rhizosphere Soil to Ginseng Roots, Stems, and Leaves	RAN Wenqian, <i>et al.</i> (11): 1358
Water Infiltration of Soil Affected by Earthworms	CHEN Jing, <i>et al.</i> (11): 1367
Evaluation and Developing Pattern on "Production-Living-Ecological" Functions in Suburban Rural Area: A Case Study of 59 Villages in Jin'an District of Fuzhou City	CAI Yuelin, <i>et al.</i> (11): 1376
Hydrosalpinx Fluid Syndrome in Ducks Caused by Avian Metapneumovirus Subgroup C	FU Qiuling, <i>et al.</i> (12): 1387
Effects of Aqueous Extract of <i>Panax quinquefolium</i> Stems and Leaves in Diet on Growth and Meat Quality of Quails	GE Nan, <i>et al.</i> (12): 1395
Breeding and Properties of Hybrid Rice Yexiangyou 699	ZHU Yongsheng, <i>et al.</i> (12): 1405
Physiology and Expression of <i>PIP</i> of <i>Hippophae rhamnoides</i> under Salt Stress	SHI Hui, <i>et al.</i> (12): 1414
Expressions and Functions of <i>Flowering Locus Ts</i> in <i>Narcissus tazetta</i> var. <i>chinensis</i> Roem	LI Tingting, <i>et al.</i> (12): 1420
Functional Properties and Relationship with Soil of Leaves on 7 Varieties of Lauraceae	LIU Ailin, <i>et al.</i> (12): 1428
Sequence and Annotation of <i>Colletotrichum fructicola</i> N425 Genome on Tea Plant	ZHANG Chengkang, <i>et al.</i> (12): 1437
Control on Maize Stalk Rot and Effects on Soil Microbes of <i>Paenibacillus polymyxa</i>	DENG Yun, <i>et al.</i> (12): 1445
Functions of <i>MeUGT25</i> in Resistance of Cassava to Bacterial Wilt Disease	ZENG Jian, <i>et al.</i> (12): 1453
Microbial Biomass Carbon and Nitrogen at Man-made Forests in Northern China Hilly Areas ...	ZHUANG Jingjing, <i>et al.</i> (12): 1459
Fungal Community in Soil Affected by Long-term Returning Maize Stover to Field	ZHANG Gongliang, <i>et al.</i> (12): 1466
Nutritional Value and Amino Acids in Tuna Steam-cooking Liquid	WU Yuxi, <i>et al.</i> (12): 1478
Assessment and Strategy on Agricultural Modernization in Fujian	CHI Mingqing, <i>et al.</i> (12): 1485
Total contents of volume 38 (2023)	1499