

《广西植物》第三十七卷总目次

第一期 (2017 年 1 月)

41 份葡萄种质遗传多样性的 ISSR 和 SCoT 对比分析 王发明, 李洁维, 叶开玉, 龚弘娟, 莫权辉, 蒋桥生, 刘平平 (1)

广西特有珍稀濒危植物小花异裂菊遗传多样性分析 史艳财, 唐健民, 柴胜丰, 邹蓉, 陈宗游, 韦霄 (9)

华南植物园锥栗 F-MSAP 采样策略及遗传多样性分析 刘孟, 欧阳学军, 陈洁, 全慧敏, 叶万辉, 刘卫 (15)

广西境内马褂木天然群体遗传多样性的 ISSR 分析 李龙梅, 石晓蒙, 蒋维昕, 白天道, 蒙奕奕, 谭飞燕, 黄寿先 (22)

走马胎种质资源遗传多样性的 ISSR 分析 (英文) 毛世忠, 李景剑, 蒋小华, 丁莉, 赵博, 邓涛, 马虎生 (29)

黄枝油杉遗传多样性的 ISSR 分析 谢伟玲, 柴胜丰, 蒋运生, 唐健民, 陈宗游, 邹蓉, 韦霄 (36)

基于 ISSR 标记的福建省钩锥遗传多样性分析 田艳伶, 李柏海, 李志辉, 杨模华, 张斌, 周鑫伟 (42)

中国西双版纳傣族与泰国泰族民间植物命名方法与土著名字的相似性探讨 许再富, 岩罕单 (傣), 周惠芳, 王孝蓉, 段其武 (49)

西双版纳傣族传统染料植物的调查研究 柴真真, 王趁, 王雨华 (56)

西双版纳三种药用植物的民间利用及抗菌活性 汪萌, 左国营, 唐金凤, 许又凯, 唐建维, 李仁, 胡华斌 (64)

WRKY 转录因子在植物抗逆生理中的研究进展 文锋, 吴小祝, 廖亮, 刘新圣, 李鹏 (69)

铁皮石斛 *RCA2* 基因克隆与生物信息学分析 蒋素华, 张燕, 王默霏, 王洁琼, 崔波 (80)

四价抗马铃薯病毒植物表达载体构建及其对烟草的转化 陈晓艳, 孟亚雄, 贾小霞, 张武, 刘石, 郭玉美, 齐恩芳 (87)

三种植物生长调节物质对白及幼苗假鳞茎生长发育的影响 赵健, 赵志国, 唐凤鸾, 蒋庆鸿, 龚庆芳, 仇硕 (96)

丹参不同愈伤组织诱导及遗传转化体系优化 张林魁, 邵芬娟, 秦利军 (102)

山茶属五种稀有濒危植物种子的生物学特性研究 吕晓梅, 刘海燕, 黄丽华, 杨乃坤, 邹天才 (109)

江南油杉种实性状变异及其与环境因子的关系 刘雄盛, 蒋焱, 黄荣林, 刘菲, 肖玉菲, 姜英, 韦铄星 (118)

施氮对三个南方珍稀树种幼苗生长和生物量分配的影响 王满莲, 文香英, 韦霄, 蒋运生, 柴胜丰, 唐辉 (127)

第二期 (2017 年 2 月)

云南楼梯草属二新种 王文采 (135)

基于 ITS 序列的中国外来菟属植物系统关系分析 徐晗, 李振宇, 李俊生 (139)

膜蕨科植物 *rbcL* 基因的适应性进化和共进化分析 王春波, 郭治友 (145)

中甸灯台报春与鹅黄灯台报春的系统演化 张华杰, 李庆军 (153)

甘草属种间杂交种叶绿体 DNA 父系遗传的发现及分析 陈超南, 陆嘉惠, 李学禹, 周玲玲, 谢良碧, 李晓岚, 宋凤 (162)

中国蔷薇属植物叶表皮微形态特征及其系统学意义 曾妮, 张建茹, 常朝阳 (169)

植物 TIR-NB-LRR 类型抗病基因各结构域的研究进展 尹玲, 方辉, 黄羽, 卢江, 曲俊杰 (186)

腐生型兰科植物研究进展 孙悦, 李标, 郭顺星 (191)

中国蔷薇属植物叶表皮微形态特征及其系统学意义 姬明飞, 姚航航, 郭晓玮 (204)

漓江上游毛竹生理生态特征对不同土壤水分的响应 杨晓东, 罗艾滢, 黄玉清, 莫凌, 徐广平, 姚月锋 (211)

甘肃省被子植物分布新记录 马文兵, 陈学林, 刘立, 达清璟, 张亥贤, 刘振恒 (220)

中国膨果豆属 (豆科) 一新组合 康云, 张明理 (225)

中国兰科天麻属一新记录种——白点天麻 卢刚, 胡爱群, 肖艳, 黄建强, 郑希龙 (228)

广西地衣新记录属——炭刺文衣属 (英文) 贾泽峰, 李健, 杨梦竹 (231)

黄花蒿与其近缘种化学成分 FTIR 和 GC-MS 鉴定与分析 孔德鑫, 李雁群, 邹蓉, 史艳财, 韦霄 (234)

地衣型真菌次级代谢产物抗菌活性初步研究 赵能, 原晓龙, 华梅, 李苏雨, 王娟, 王毅 (242)

pH 响应型蔗渣木质素水凝胶的制备及其对蛋白质的控释性能 袁志林, 陈海珊, 李子院, 李海云 (248)

金樱根化学成分的研究 丁阳, 黄永林, 刘金磊, 王磊, 颜小捷, 李典鹏 (255)

不同产地不同部位壮药大罗伞树定性和定量分析 张珍, 李正文, 黄瑞松 (260)

千斤拔多糖的提取纯化及其结构鉴定 乔雪, 卓桑, 杨子明, 陆玉婷, 秦海洗 (265)

第三期 (2017 年 3 月)

外马廊山岛植被特性与植物多样性 郑俊鸣, 方笑, 朱雪平, 朱丹丹, 邓传远, 黄柳菁 (271)

福建平潭岛种子植物区系地理及外来植物对其影响 叶志勇 (280)

三种红树林植物健康与非健康叶片中真菌的比较 龚斌, 方怀义, 刘小雪, 廖日权, 宋静静, 林啟福 (294)

刈割遮荫对互花米草生长和存活的影响 赵相健, 李俊生, 柳晓燕, 官璐, 赵彩云 (303)

红海榄内生细菌多样性及其抑制鱼类致病菌活性研究 李家怡, 周文红, 李菲, 高程海, 易湘茜 (308)

传粉方式和果实类型对木本植物繁殖物候的影响 胡小丽, 常朝阳, 杜彦君 (315)

南亚热带阔叶林展叶物候及其种内种间差异探讨 崔雪娜, 杜彦君, 赵袁, 郭希梅, 黄忠良 (322)

基于 ITS 序列分析钩苞大丁草九个居群的亲缘关系 王谈笑, 郑伟, 陈菁, 王炜, 徐晓丹 (329)

云南草寇花序内不同部位的性分配 徐旭剑, 孙杉, 操国兴 (335)

基于磁珠富集法开发并筛选西川红景天的微卫星标记 王久利, 雷淑芸, 陈世龙, 张发起 (342)

苦玄参 40 个株系表型性状遗传多样性分析 谢阳姣, 何志鹏, 闫国跃, 李耀燕, 符标芳, 白燕远, 冯秋瑜 (348)

| | |
|--|--|
| 江苏野生藤本植物多样性初探 | 辛建攀, 田如男 (356) |
| 罗汉果色氨酸转氨酶基因 <i>SgTAR2</i> 的克隆及表达分析 | 郑 珊, 闵丹丹, 莫燕梅, 曾娜霞, 周 琼, 李 刚 (365) |
| 甜瓜鲨烯合酶基因克隆及酶分子结构分析 | 黄海霞, 苏何玲, 史云龙, 肖雅伦, 谭燕莲, 梁杨浩, 刘永明, 吴耀生 (373) |
| 割手蜜醛脱氢酶 <i>ScALDH</i> 基因的克隆与表达分析 | 申明明, 程志远, 陈疏影, 王先宏, 何丽莲, 李富生 (380) |
| 两相法分离纯化橡胶树皮木质膜 | 王 帆, 仇 键, 魏 芳, 校现周, 杨文凤, 吴 明, 高宏华, 罗世巧 (388) |
| 白及果实形态与种子结实率相关性研究 | 杨国鹏, 曹小勇, 吴 洁, 胡选萍, 秦公伟 (394) |
| 栽培模式和复合肥类型对隆平 206 农艺性状及干物质积累的影响 | 韩坤龙, 崔子恒, 付 博, 胡维宽, 刘 正, 余海兵 (400) |

第四期 (2017 年 4 月)

| | |
|--|---|
| 唐松草属五新种 | 王文采 (407) |
| 海南省东方市野生龙眼种群动态特征研究 | 张莹蓉, 李 丹, 杨小波, 李东海, 林泽钦, 吴庭天 (417) |
| 广西蜘蛛抱蛋 (<i>Aspidistra retusa</i>) 的传粉生物学研究 | 马仲辉, 徐含锋, 林春蕊, 刘 演 (426) |
| 七姊妹山自然保护区黄杉林群落学特征 | 熊斌梅, 汪正祥, 田 凯, 张 斌, 李 泽, 李士超, 彭宗林 (434) |
| 珍稀植物狭果秤锤树群落木本植物种间联结性及群落稳定性研究 | 周赛霞, 彭焱松, 丁剑敏, 高浦新, 李国梁, 万 萌, 吕 芳 (442) |
| 广西蕨类植物新记录 (II) | 刘 静, 李述万, 韦佳佳, 韦宏金 (449) |
| 库车种子植物区系垂直分布格局分析 | 布买丽娅木·吐如汗, 刘 彬, 艾 克拜尔, 依米提 (453) |
| 基于灰色关联的苗药红禾麻总黄酮含量影响因子分析 | 邹淑涵, 陈胤睿, 徐文芬, 黄仕清, 赵丽婷, 齐维娜 (461) |
| 杭州市六种常见绿化树种叶片累积空气重金属特征及与环境因子的相关性 | 王爱霞, 方炎明 (470) |
| 山玉兰花粉离体萌发和花粉管生长特性的研究 | 李佛莲, 徐海燕, 龚 洵, 王仕玉 (478) |
| 巴西橡胶 <i>Plat</i> 类抗病同源序列的克隆与系统发育重建 (英文) | 张影波, 庞玉新, 莫廷辉, 曾立星 (485) |
| L-丙氨酸对海南粗榧悬浮细胞合成三尖杉酯类碱的影响 | 蒋旋娟, 李永成 (497) |
| 复合外源物质对玉米幼苗抗寒性的影响 | 郭楠楠, 陈学林, 张 继, 陈金元 (504) |
| 小果核果茶扦插繁殖技术研究 | 唐健民, 柴胜丰, 邹 蓉, 李吉涛, 高丽梅, 杨 雷, 韦 霄 (511) |
| 依兰 (番荔枝科) 雌配子体发育研究 | 甘阳英, 徐凤霞 (517) |
| 甜荞不同品种不同海拔地区种子蛋白组分含量研究 | 张启迪, 邓 娇, 梁成刚, 陈庆富 (524) |
| 模拟酸雨对土壤呼吸影响的研究进展 | 冯继广, 宋彦君 (533) |

第五期 (2017 年 5 月)

| | |
|------------------------------------|---|
| 荨麻科三新种 | 王文采 (541) |
| 中国算盘子属 (叶下珠科) 一些种的分类学处理 | 姚 纲, 张连婕, 薛彬城 (547) |
| 一种阳春砂新栽培类型的鉴定 | 蒋 烨, 苏 景, 汤丽云, 徐 杰, 陈汝平, 邓汝荣, 何国振 (554) |
| 六种沉香属植物叶片解剖结构研究 | 刘培卫, 张玉秀, 杨 云, 陈 波 (565) |
| 中国瓜馥木属植物叶片结构的解剖观察 | 孙同兴, 董运秋, 侯学良 (572) |
| 利用 ISSR 分子标记检测空间诱导罗汉果 DNA 突变 | 向巧彦, 黄夕洋, 李 虹, 甘金佳, 梁勇诗, 蒋水元 (581) |
| 杉木未成熟胚性愈伤组织诱导影响因素探析 | 陈 琴, 陈代喜, 劳广杰, 黄开勇, 梁 机, 莫勇德 (587) |
| 不同光源对柚木组培苗生长发育的影响 | 裘珍飞, 曾炳山, 郭光生, 刘 英 (592) |
| 外源抗坏血酸处理对人工脱涩柿果的保鲜作用 | 范灵姣, 孙宁静, 王 坤, 张 宇, 覃 慧 (599) |
| 罗汉果祛痰作用谱效关系研究 | 王 勤, 肖喜泉, 董 威, 唐慧勤, 卢凤来, 李耀华, 李典鹏, 王 剑, 林 吴 (606) |
| 红外光谱技术在滇龙胆栽培方式选择上的应用 | 米丽菊, 张 霖, 左智天, 王元忠, 李富生 (610) |
| 毛刺革菌中的刺革菌素类似物 (英文) | 周稚凡, 段媛昌, 李 靖, 赵沛基 (617) |
| 苍耳化学成分及生物活性研究 | 张文治, 栗 娜, 白丽明, 高鸿悦, 张树军 (621) |
| 紫娇花挥发油成分的 GC-MS 分析及抗氧化能力测定 | 何月秋, 林 立, 杜甜钿, 黄 艾 (627) |
| 广西柳树桑寄生内生真菌的分离鉴定与抗肿瘤活性菌株筛选 | 龚 斌, 巫 鑫, 韦 婷, 廖日权, 苏本伟, 宋静静, 江国焯, 朱开昕 (634) |
| 翠柏二萜类成分及其抗炎活性研究 | 丁林芬, 吴兴德, 王双燕, 涂文超, 潘争红, 郭亚东, 宋流东 (642) |
| 网络藻多糖清除 DPPH· 自由基活性的动力学研究 | 冯学珍, 伍善广, 韦啟球, 陆 苑, 裴世成 (647) |
| 珍稀植物华木莲的现代濒危机制: 探析与展望 | 杨清培, 肖智勇, 胡晓东, 欧阳明, 陈 昕, 林国江, 徐佳文, 杨光耀 (653) |
| 基于文献计量的植物雌雄异株研究进展 | 严欢欢, 肖 娟, 杨永清 (661) |

第六期 (2017 年 6 月)

| | |
|-----------------------------------|--|
| 唐松草属六新种 | 王文采 (675) |
| 桂林会仙喀斯特湿地芦苇群落土壤微生物数量动态分析 | 周龙武, 黄玉清, 王新桂, 徐广平, 孙英杰, 张德楠, 姚月锋, 曾丹娟 (685) |
| 桂西南蚬木群落优势树种分布与环境因子的关系 | 申文辉, 欧芷阳, 庞世龙, 何琴飞, 梁 艳 (694) |
| 喜旱莲子草对喀斯特三种不同生境的可塑性反应 | 张宝成, 彭 艳, 藏灵飞, 秦凯南, 李宪碧, 隋常玲 (702) |
| 不同钙浓度对两种岩溶植物幼苗生长及其酶活性的影响 | 张 芳, 宋 敏, 彭晚霞, 曾毓平, 杜 虎, 胡 芳, 陈 莉, 苏 樑 (707) |
| 水分胁迫与复水对地枫皮生理生态特性的影响 | 王满莲, 唐 辉, 韩 愈, 张俊杰, 梁惠凌 (716) |
| 柠条锦鸡儿 <i>F3H</i> 基因克隆及功能分析 | 郑 晟, 毛玉珊, 张腾国, 聂亭亭 (723) |
| 外源绿原酸缓解解大豆 SB 铝毒害的机理研究 | 江晓浩, 李 芳, 王闻闻, 陈宣钦 (734) |
| 低温胁迫下脱落酸对线粒体膜磷脂酶 D 活性的影响 | 何文平, 张旭强, 杨鹏军, 仇奕之, 王新霞, 杨 宁 (742) |
| 诺丽叶片的离体再生 | 黄奥丹, 蓝增全, 吴 田 (749) |
| 克隆整合对异质性光照环境下紫竹根际土壤氮素有效性的影响 | 张 云, 陈劲松 (757) |

云南构兰菌根真菌组成及共生关系研究 安曼云 (763)

青藏高原三种优势植物生物量分配的变化规律 王九峦, 马玉寿, 陈立同 (768)

鹦哥岭海南五针松的种内和种间竞争 游娟, 林乐乐, 谢磊, 崔国发 (776)

极小种群物种云南肉豆蔻的群落结构及其种群现状 马晨晨, 代俊, 肖之强, 杜凡 (783)

从异龄叶性状分析几种常绿阔叶植物变异与关联 潘云龙, 朱清波, 陈欣凡, 李彬, 欧阳玉莹, 许灵煜, 吴承祯, 洪滔 (791)

浙江丽水白云山红豆树人工林的径级结构和空间分布格局 尤根彪, 叶和军, 焦洁洁, 林莉军, 刘伟, 吴初平 (799)

广西三种新记录归化植物及其入侵性分析 李象钦, 韦春强, 潘玉梅, 唐赛春 (806)

第七期 (2017 年 7 月)

葱属 *Anguinum* 亚属 4 种 19 居群的核型研究 卢艳, 邓亦麒, 卢利聪, 何兴金 (811)

高山植物花形态特征对花温度积累的影响 张国鹏, 杨明柳, 程贤训, 孟丽华 (822)

中国茜草属 sect. *Oligoneura* 的形态计量学研究 杨丽娥, 孟盈, 聂泽龙, 孙航 (829)

壳斗科雌花不同发育时期比较胚胎学特征初探 杨晓瑞, 王全喜, 宋以刚 (841)

荨麻科楼梯草属植物瘦果的补充描述 (英文) 陈小勤, 符龙飞, 温放, 黎舒, 刘影, 韦毅刚 (849)

大果滇新樟, 广西新樟属一新变种 徐文斌, 夏伯顺, 张守君, 陈珍英 (855)

湖北万朝山自然保护区珍稀濒危植物优先保护定量研究 彭乾乾, 汪正祥, 李亭亭, 熊斌梅, 杨启池 (859)

黄土高原油松天然纯林结构特征的研究 李远发, 叶绍明, 王宏翔, 胡艳波, 赵中华, 惠刚盈 (868)

基于戴云山固定样地黄山松群落物种组成与结构研究 刘艳会, 刘金福, 何中声, 洪伟, 冯雪萍, 崖佐朝 (881)

福建省市域毛竹林碳储量及其影响因子 朱清波, 苏阿兰, 林勇明, 吴承祯 (891)

山西太岳山南部针阔混交林群落特征及空间分布格局 王燕, 毕润成, 许强 (901)

皱皮油丹 (樟科) 在云南东南部的发现及其生物地理学意义 莫月清, 李朗, 张金国, 李锡文, 李捷 (912)

狮耳草属——中国唇形科植物一新归化属 马兴达, 王焕冲, 张荣桢, 孔令普, 和兆荣 (921)

广西毛茛科植物新记录属——尾囊草属 谭卫宁, 梁添富, 罗柳娟, 谭慎, 黄俞淞, 刘静 (926)

东北地区木本植物一个新记录属和五个新记录种 王萌, 张淑梅, 王欣, 李丁男, 王丹, 张旭 (930)

气候变化背景下生物入侵研究态势的文献计量分析 吴昊 (934)

第八期 (2017 年 8 月)

37 种杜鹃花属植物在迁地保育下的自然授粉研究 庄平 (947)

32 种杜鹃花属植物在迁地保育条件下的自交研究 庄平 (959)

低温胁迫对“繁景”杜鹃生理特性及叶片超微结构的影响 明萌, 何静雯, 卢丹, 谢晓鸿, 吴月燕 (969)

野生杜鹃杂交亲和性及适宜的评价指标 耿兴敏, 赵红娟, 吴影倩, 张月苗 (979)

湖南杜鹃花科一新记录植物及其补充描述 向剑锋, 喻勋林, 罗开文 (989)

快腐蚕沙对水稻生境及安全生长的影响 胡钧铭, 夏旭, 张野, 李婷婷, 陆冰梅, 吕相沛, 何丹, 韦翔华, 何铁光, 李忠义 (993)

拟南芥 *At1g10300* 基因调节叶形和开花时间 刘艺冉, 杨笑, 门淑珍 (1000)

低磷胁迫大豆 RT-qPCR 内参基因的筛选及谷胱丙肽合成代谢酶的表达 陈玉连, 张涛, 董登峰 (1008)

马尾松不同改良水平子代群体遗传多样性研究 罗群凤, 杨章旗, 颜培栋, 冯源恒, 李火根 (1019)

大叶落地生根类糖原合成激酶 *KaSK* 基因的克隆与表达分析 黄慧青, 张利娟, 杜小姣, 朱敏群, 葛永强, 梁小红, 钟天秀 (1025)

培养条件对三七愈伤组织生长和皂苷积累的影响 齐琳琳, 李刚, 刘志伟, 金朝霞, 张宗申 (1035)

艳山姜果实的生药学及气相色谱研究 吴林菁, 肖瑞瑶, 李晨, 张旭, 龙庆德, 李启瑞, 张彦燕 (1043)

细叶小羽藓营养成分的测定分析 刘畅, 毛捌慧, 徐丹丹, 方炎明 (1049)

高良姜等五味山姜属中药乙酸乙酯部位的 HPLC 指纹图谱 秦华珍, 李明芳, 谭喜梅, 翁铭钻, 黄燕琼, 谢鹏, 龙小琴, 罗君 (1060)

牛樟芝发酵液提取物抗菌活性研究 赵能, 原晓龙, 陈剑, 陈中华, 王娟, 杨宇明, 王毅 (1068)

响应面法优化微波辅助提取山苍子核仁油的研究 朱辉, 孙家英, 彭林彩, 赖川, 朱朝菊 (1074)

第九期 (2017 年 9 月)

紫堇科二新种 王文采 (1083)

景宁木兰组织培养外植体选择与抗褐化研究 王倩颖, 唐佳妮, 刘志高, 张明如, 申亚梅 (1088)

麻疯树种子发育过程中 *JcOle14.3* 和 *JcOle16.6* 基因的表达模式研究 余进德, 熊宏, 宋健, 陈海涛, 刘小焯, 丁勇 (1096)

花粉管通道法介导的铁皮石斛转基因技术 沈康华, 付传明, 何金祥, 龚庆芳, 苏江, 黄宁珍 (1101)

八角莲组织培养的器官发生途径研究 陈瑶, 刁瑕, 宦云敏, 杜阳春, 李维, 何兵 (1111)

干旱胁迫下桑树叶片中超氧阴离子的变化规律 任迎虹, 刘松青, 祁伟亮, 罗翠华, 龚壁燃, 欧莉萍 (1122)

油棕鲜果穗产量构成因素的相关性和回归分析 石鹏, 王永, 雷新涛, 曹红星, 李东霞 (1130)

管道输液滴干对苹果缺铁失绿症的影响 马幸幸, 田自武, 刘贵巧, 刘子英, 杨青芹, 吕志果, 薛进军 (1137)

成串采收对番果果实采后乙烯合成及贮藏品质的影响 王坤, 王岳霞, 刘思敏, 贾蕊, 林玲, 于文进, 孙宁静 (1143)

光照强度及栽培基质对秋海棠新品种‘宁明银’生长的影响 赵斌, 付乃峰, 向言词, 田代科 (1153)

淹水胁迫对藜草幼苗生长和生理的影响 吴海英, 曹昀, 国志昌, 罗姗姗, 纪欣圣 (1161)

干旱胁迫下三种三角梅的生理反应 丁印龙, 杨盛昌, 周群, 刘雪霞, 王振 (1168)

金花茶茶花的营养成分分析 唐健民, 史艳财, 廖玉琼, 范进顺, 韦记青, 文香英, 韦霄 (1176)

晶帽石斛的化学成分研究 杨丹, 程忠泉, 丁中涛, 周俊, 胡江苗 (1182)

宁夏不同地区灵武长枣果实多糖的单糖成分分析 柴雅红, 章英才 (1187)

酢浆草的 UPLC 指纹图谱研究 吴林菁, 冯华, 吴红梅, 汤容容, 王祥培 (1195)

- 不同储存条件对大麻化学稳定性的影响 孙维来, 赵彦彪, 郑晓雨, 曾令华, 高利生, 刘耀, 郑琿 (1204)
 千斤拔多糖对小鼠免疫功能的调节作用 卓桑, 乔雪, 杨子明, 陆玉婷, 秦海洸 (1213)

第十期 (2017 年 10 月)

- 中国苦苣苔科植物的多样性与地理分布 许为斌, 郭婧, 盘波, 张强, 刘演 (1219)
 石山苣苔属 (苦苣苔科) 花形态演化及分类学意义 卢永彬, 黄俞淞, 许为斌, 黄洁, 刘演, 向春雷, 张强 (1227)
 岩溶穴居性陆氏石山苣苔群落物种组成与生态位分析研究 吴昊天, 徐双双, 杨世勇, 符龙飞, 韦毅刚, 温放 (1240)
 华南石灰岩地区苦苣苔科植物一新种——散序小花苣苔 盘波, 邹伶俐, 张睿鹏, 康明, 温放 (1250)
 紫花苣苔属——广东省被子植物一新记录属 刘佳, 谭维政, 冯慧喆, 廖文波 (1257)
 三种苦苣苔对石灰土和红壤的适应性分析 刘合霞, 李博, 胡兴华, 邓涛, 黄任训, 邹玲俐 (1261)
 褐纹报春苣苔组织培养与快速繁殖 闫海霞, 邓杰玲, 黄昌艳, 关世凯, 何荆洲, 张自斌, 卜朝阳 (1270)
 苦苣苔科植物远缘杂交亲和性初探 吕文君, 徐慧, 万佐奎, 黄升 (1279)
 膜叶铁角蕨属的形态系统学研究 洪桦枫, 常艳芬 (1290)
 蛛网萼开花物候、花部特征及繁育系统研究 张丽芳, 裘利洪 (1301)
 草果两型植株的繁育差异研究 李国栋, 张洪武, 刘小莉, 钱子刚, 管开云, 杨耀文 (1312)
 紫花含笑传粉生物学初探 柴弋霞, 蔡梦颖, 金晓玲, 张冬林 (1322)
 两种羽叶菊属植物 (菊科: 千里光族) 的细胞学研究及其系统学意义 王龙远, 唐明 (1330)
 百合科两个分类群学名的订正 刘博, 童毅华, 李娟, 杨利琴, 何兴金 (1335)
 金花小檗与滇小檗的名实问题 李新华 (1339)
 杉木花粉发育过程中形态结构的变化研究 马开骠, 唐亮, 崔佳雯 (1342)
 梵净山种子植物区系特征及植物地理学意义 巫仁霞, 熊康宁, 容丽 (1348)

第十一期 (2017 年 11 月)

- HDA19 调控拟南芥对真菌 *Botrytis cinerea* 的抗性反应 孙淑豪, 胡彦如, 余迪求 (1355)
 蓝亚麻花瓣中类黄酮化合物及代谢途径分析 宋洋, 雷霆, 金雪花, 付灯祥 (1368)
 皂荚种质资源 SCoT 遗传多样性分析及指纹图谱的构建 张安世, 骆扬, 范定臣, 张中海 (1378)
 白花泡桐优树组织培养及产业化快繁技术 苏江, 洗康华, 付传明, 黄宁珍, 黄惠锦, 何金祥 (1386)
 红花草莓的组织培养与快繁技术研究 金美芳, 曹智, 蔡俊杰, 林茂兹 (1395)
 沼泽交错带白桦—长白落叶松优势种群的年龄结构及其动态 巢林, 刘艳艳, 吴承祯, 洪滔, 林卓, 洪伟 (1406)
 广西不同森林类型土壤有机碳的空间异质性 宋敏, 彭晚霞, 徐庆国, 曾馥平, 杜虎, 张浩, 曾昭霞 (1418)
 湖北兰科植物多样性及其区系地理特征 杨林森, 王志先, 王静, 陈金鑫 (1428)
 桑叶西番莲—中国西番莲科植物新归化种 乔娣, 杨凤, 曹建新, 叶罕根, 王焕冲 (1443)
 枇杷属内栽培种和部分野生种 ITS 序列分析 陈灼娟 (1447)
 中国产石韦属植物孢子形态特征及分类学意义 师雄, 杨鲁红, 陈茜 (1455)
 山矾科中原氏山矾复合体的叶形态特征及分类意义 刘博, 白宇佳, 胡雪辰, 杨芳, 丁加晴, 石敏捷, 秦爱丽 (1463)
 濒危特有种掌叶木的微卫星遗传多样性研究 滕婕华, 卫家贤, 李象钦, 李超群, 倪敏, 翁乐逸, 谢国文 (1471)
 植物—土壤反馈研究进展 周阳, 姜丽丽, 李博文, 崔树娟, 孟凡栋, 王奇, 汪诗平 (1480)

第十二期 (2017 年 12 月)

- 抗风桐 (*Pisonia grandis*) 的生态生物学特征 王馨慧, 刘楠, 任海, 徐贝贝, 简曙光 (1489)
 汶川震区不同气候区受损植被土壤有机碳储量和碳密度分布特征 孙凡, 严思维, 林勇明, 陈爱民, 邓浩俊, 杜锟, 吴承祯, 洪伟 (1498)
 高黎贡山中山湿性常绿阔叶林树种的分布格局及其地形影响因子 柴勇, 孟广涛, 和丽萍, 袁春明, 邵金平, 李品荣, 李贵祥 (1508)
 三明格氏栲保护区种子植物区系特点及其地理意义 游章滢, 闫德民, 游水生, 林群星, 叶宝鉴 (1521)
 槭叶小牵牛——中国大陆一新归化种 王樟华, 汪远, 严靖, 马金双 (1533)
 不同成花量金花茶花果期果枝叶内源激素的变化 孙红梅, 廖浩斌, 刘盼盼, 杨雪, 李吉涛, 漆小雪 (1537)
 木薯己糖激酶 MeHXK5 的催化功能鉴定 姚远, 孙冲, 陆小花, 王运林, 耿梦婷, 吴晓慧, 尚璐, 李薪, 符少萍, 李瑞梅, 段瑞军, 刘姣, 胡新文, 郭建春 (1545)
 濒危植物海南龙血树种子休眠机理及其生态学意义 郑道君, 杨立荣, 云勇, 陈加利, 陈宣, 姜殿强, 张治礼 (1551)
 不同倍性小麦对盐胁迫的适应性差异 尚玥, 刘韬, 吴丽军, 张波, 刘宝龙, 陈文杰, 张连全, 张怀刚, 刘登才 (1560)
 不同叶色三叶海棠叶片成色色素分析 汤努尔·瓦力拜, 李厚华, 李果, 刘天庆, 李媛, 韩美玲 (1572)
 L-阿拉伯糖对尿酸的调节作用 杨子明, 张利, 陈月圆, 刘金磊, 黄永林, 李典鹏 (1579)
 丽江白雪茶化学成分的研究 汪琼, 程攀, 鄢波 (1586)
 采用液质联用方法检测黄秋葵荚果黄酮类物质含量 谢进, 黄艳宁, 徐瑞, 曹亮, 范海珊, 朱校奇 (1592)
 牛血清白蛋白与地肤提取物 N-反式阿魏酰酪胺相互作用研究 程萍, 张卫, 彭秀丽 (1598)
 植物花青素生物合成与调控的研究进展 侯泽豪, 王书平, 魏淑东, 刘志雄, 方正武 (1603)
 附子化学成分和药理作用研究进展 唐梅, 赵立春, 徐敏, 冷静, 唐农, 扈芷怡, 张谦华 (1614)

Guihaia Contents of Vol. 37, 2017**No. 1**

- Comparative analysis on the genetic diversity of 41 *Vitis* germplasm resources by ISSR and SCoT molecular markers
 ... WANG Fa-Ming, LI Jie-Wei, YE Kai-Yu, GONG Hong-Juan, MO Quan-Hui, JIANG Qiao-Sheng, LIU Ping-Ping (1)
- Genetic diversity and relationship of endangered plant *Heteroplexis microcephala* assessed with ISSR polymorphisms
 SHI Yan-Cai, TANG Jian-Min, CHAI Sheng-Feng, ZOU Rong, CHEN Zong-You, WEI Xiao (9)
- F-MSAP sampling strategy and genetic diversity analysis of *Castanopsis chinensis* in South China Botanical Garden
 LIU Meng, OUYANG Xue-Jun, CHEN Jie, QUAN Hui-Min, YE Wan-Hui, LIU Wei (15)
- ISSR analysis on genetic diversity of *Liriodendron chinense* natural populations in Guangxi
 ... LI Long-Mei, SHI Xiao-Meng, JIANG Wei-Xin, BAI Tian-Dao, MENG Yi-Yi, TAN Fei-Yan, HUANG Shou-Xian (22)
- Efficiency of ISSR markers in assessing genetic diversity and relationships in *Ardisia gigantifolia* germplasm
 MAO Shi-Zhong, LI Jing-Jian, JIANG Xiao-Hua, DING Li, ZHAO Bo, DENG Tao, MA Hu-Sheng (29)
- ISSR analysis on genetic diversity of *Keteleeria calcarea*
 ... XIE Wei-Ling, CHAI Sheng-Feng, JIANG Yun-Sheng, TANG Jian-Min, CHEN Zong-You, ZOU Rong, WEI Xiao (36)
- Genetic diversity analysis on five populations of *Castanopsis tibetana* from Fujian Province based on ISSR marker
 TIAN Yan-Ling, LI Bo-Hai, LI Zhi-Hui, YANG Mo-Hua, ZHANG Bin, ZHOU Xin-Wei (42)
- Approach on the similarity of plant folk naming method and vernacular names between China Xishuangbanna Dai and Thailand Thai
 XU Zai-Fu, AI Huangdan (Dai), ZHOU Hui-Fang, WANG Xiao-Rong, DUAN Qi-Wu (49)
- Field survey on the dye plants used by Dai people in Xishuangbanna
 CHAI Zhen-Zhen, WANG Chen, WANG Yu-Hua (56)
- Folk utilization and antimicrobial activity of three medicinal plants in Xishuangbanna
 WANG Meng, ZUO Guo-Ying, TANG Jin-Feng, XU You-Kai, TANG Jian-Wei, LI Ren, HU Hua-Bin (64)
- Research advances on physiological function of WRKY transcription factor in plant stress resistance
 WEN Feng, WU Xiao-Zhu, LIAO Liang, LIU Xin-Sheng, LI Peng (69)
- Cloning and bioinformatics analysis of *RCA2* gene in *Dendrobium officinale*
 JIANG Su-Hua, ZHANG Yan, WANG Mo-Fei, WANG Jie-Qiong, CUI Bo (80)
- Construction of potato tetravalent anti-virus plant expression vector and its tobacco transformation
 CHEN Xiao-Yan, MENG Ya-Xiong, JIA Xiao-Xia, ZHANG Wu, LIU Shi, GUO Yu-Mei, QI En-Fang (87)
- Effects of three plantgrowth regulators on the growth of pseudobulbs in *Bletilla striata* seedlings
 ZHAO Jian, ZHAO Zhi-Guo, TANG Feng-Luan, JIANG Qing-Hong, GONG Qi-Fang, QIU Shuo (96)
- Callus inducing on different phytohormone media and *Agrobacterium*-mediated genetic transformation system optimizing of *Salvia miltiorrhiza*
 ZHANG Lin-Su, SHAO Fen-Juan, QIN Li-Jun (102)
- Biological characteristics of five rare and endangered *Camellia* seeds in Guizhou Province
 LÜ Xiao-Mei, LIU Hai-Yan, HUANG Li-Hua, YANG Nai-Kun, ZOU Tian-Cai (109)
- Variation in traits of cone and seed of *Keteleeria fortunei* var. *cyclolepis* and its relationship with environmental factors
 LIU Xiong-Sheng, JIANG Yi, HUANG Rong-Lin, LIU Fei, XIAO Yu-Fei, JIANG Ying, WEI Shuo-Xing (118)
- Effects of nitrogen addition on seedling growth and biomass allocation of three rare tree species in the south of China
 WANG Man-Lian, WEN Xiang-Ying, WEI Xiao, JIANG Yun-Sheng, CHAI Shen-Feng, TANG Hui (127)

No. 2

- Two new species of *Elatostema* (Urticaceae) from Yunnan WANG Wen-Tsai (135)
- Phylogenetic analysis of alien species of *Amaranthus* in China based on ITS sequences
 XU Han, LI Zhen-Yu, LI Jun-Sheng (139)
- Adaptive evolution and coevolution of the *rbcL* gene in Hymenophyllaceae WANG Chun-Bo, GUO Zhi-You (145)
- Phylogenetic analysis of *Primula chungensis* and *P. cockburniana* ZHANG Hua-Jie, LI Qing-Jun (153)
- Inheritance analysis and discovery of chloroplast paternal inheritance in interspecific crossing of *Glycyrrhiza*
 CHEN Chao-Nan, LU Jia-Hui, LI Xue-Yu, ZHOU Ling-Ling, XIE Liang-Bi, LI Xiao-Lan, SONG Feng (162)
- Micromorphological characteristics of leaf epidermis and systematic significance of *Rosa* L. from China
 ZENG Ni, ZHANG Jian-Ru, CHANG Zhao-Yang (169)
- Research progress on domains of plant TIR-NB-LRR resistance genes
 YIN Ling, FANG Hui, HUANG Yu, LU Jiang, QU Jun-Jie (186)
- Research progress of saprophytic orchids SUN Yue, LI Biao, GUO Shun-Xing (191)
- C, N and P ecological stoichiometry of two bryophyte plants in Baotianman Nature Reserve
 JI Ming-Fei, YAO Hang-Hang, ZHANG Xiao-Wei (204)
- Effects of soil moisture on the ecophysiology of moso bamboo (*Phyllostachys edulis*) in upper reaches of Lijiang River
 YANG Xiao-Dong, LUO Ai-Ying, HUANG Yu-Qing, MO Ling, XU Guang-Ping, YAO Yue-Feng (211)
- New records of angiosperms in Gansu Province
 MA Wen-Bing, CHEN Xue-Lin, LIU Li, DA Qing-Jing, ZHANG Hai-Xian, LIU Zhen-Heng (220)

- A new combination of *Phyllobium* (Leguminosae) from China KANG Yun, ZHANG Ming-Li (225)
- Gastrodia punctata* Aver., a newly recorded species of Orchidaceae from China LU Gang, HU Ai-Qun, XIAO Yan, HUANG Jian-Qiang, ZHENG Xi-Long (228)
- Carbacanthographis* (Graphidaceae), a lichen genus new to Guangxi JIA Ze-Feng, LI Jian, YANG Meng-Zhu (231)
- GC-MS and FTIR identification and analysis of chemical component in *Artemisia annua* and its closely related species KONG De-Xin, LI Yan-Qun, ZOU Rong, SHI Yan-Cai, WEI Xiao (234)
- Antimicrobial activity of secondary metabolites from lichen forming fungi ZHAO Neng, YUAN Xiao-Long, HUA Mei, LI Su-Yu, WANG Juan, WANG Yi (242)
- Synthesis of pH-responsive hydrogel based on bagasse lignin and controlled release of protein YUAN Zhi-Lin, CHEN Hai-Shan, LI Zi-Yuan, LI Hai-Yun (248)
- Chemical constituents from the roots of *Rosa laevigata* DING Yang, HUANG Yong-Lin, LIU Jin-Lei, WANG Lei, YAN Xiao-Jie, LI Dian-Peng (255)
- Qualitative and quantitative analysis in Zhuang medicine *Ardisia quinquegona* from different habitats and parts ZHANG Zhen, LI Zheng-Wen, HUANG Rui-Song (260)
- Extraction, purification and structural identification of *Moghania* polysaccharides QIAO Xue, ZHUO Shen, YANG Zi-Ming, LU Yu-Ting, QIN Hai-Guang (265)

No. 3

- Vegetation characteristics and plant diversity of Waimalangshan Island, Zhoushan ZHENG Jun-Ming, FANG Xiao, ZHU Xue-Ping, ZHU Dan-Dan, DENG Chuan-Yuan, HUANG LIU-Jing (271)
- Flora of seed plants in Pingtan Island, Fujian and effects of exotic plants YE Zhi-Yong (280)
- Comparison of fungi in healthy and unhealthy leaves from three kinds of mangrove plants GONG Bin, FANG Huai-Yi, LIU Xiao-Xue, LIAO Ri-Quan, SONG Jing-Jing, LIN Qi-Fu (294)
- Combined effects of mowing and shading on growth and survival of *Spartina alterniflora* ZHAO Xiang-Jian, LI Jun-Sheng, LIU Xiao-Yan, GONG Lu, ZHAO Cai-Yun (303)
- Diversity of cultivated marine bacteria and antibacterial activity of endophytic bacterial in *Rhizophora stylosa* LI Jia-Yi, ZHOU Wen-Hong, LI Fei, GAO Cheng-Hai, YI Xiang-Xi (308)
- Effects of pollination mode and fruit type on reproductive phenology of woody plants HU Xiao-Li, CHANG Zhao-Yang, DU Yan-Jun (315)
- Intra- and inter-specific variations of the leaf unfolding phenology in a subtropical broad-leaved forest CUI Xue-Na, DU Yan-Jun, ZHAO Yuan, GUO Xi-Mei, HUANG Zhong-Liang (322)
- Genetic relationship analysis of *Gerbera delawayi* from nine populations based on ITS sequences WANG Tan-Xiao, ZHENG Wei, CHEN Jing, WANG Wei, XU Xiao-Dan (329)
- Variation in floral sex allocation within inflorescences of *Alpinia blepharocalyx* XU Xu-Jian, SUN Shan, CAO Guo-Xing (335)
- Development and screening of SSR markers in *Rhodiola alsia* with magnetic beads method WANG Jiu-Li, LEI Shu-Yun, CHEN Shi-Long, ZHANG Fa-Qi (342)
- Analysis of phenotypic character genetic diversity of 40 lines of *Picria felterrae* XIE Yang-Jiao, HE Zhi-Peng, YAN Guo-Yue, LI Yao-Yan, FU Biao-Fang, BAI Yan-Yuan, FENG Qiu-Yu (348)
- Preliminary investigation on biodiversity of wild lianas in Jiangsu XIN Jian-Pan, TIAN Ru-Nan (356)
- Cloning and expression analysis of tryptophan aminotransferase of *Arabidopsis* 1-Related 2 (*SgTAR2*) of *Siraitia grosvenorii* ZHENG Shan, MIN Dan-Dan, MO Yan-Mei, ZENG Na-Xia, ZHOU Qiong, LI Gang (365)
- Gene cloning and molecular characteristics of squalene synthase from *Cucumis melo* HUANG Hai-Xia, SU He-Ling, SHI Yun-Long, XIAO Ya-Lun, TAN Yan-Lian, LIANG Yang-Hao, LIU Yong-Ming, WU Yao-Sheng (373)
- Cloning and expression analysis on the *ScALDH* gene of *Saccharum spontaneum* SHEN Ming-Ming, CHENG Zhi-Yuan, CHEN Shu-Ying, WANG Xian-Hong, HE Li-Lian, LI Fu-Sheng (380)
- Separation and purification of plasma membrane from bark of *Hevea brasiliensis* by aqueous two-phase partition WANG Fan, QIU Jian, WEI Fang, XIAO Xian-Zhou, YANG Wen-Feng, WU Ming, GAO Hong-Hua, LUO Shi-Qiao (388)
- Correlation between fruit form and seed setting rate of *Bletilla striata* YANG Guo-Peng, CAO Xiao-Yong, WU Jie, HU Xuan-Ping, QIN Gong-Wei (394)
- Effects of cultivation patterns and compound fertilizer types on agronomic traits and dry matter accumulation of Longping 206 HAN Kun-Long, CUI Zi-Heng, FU Bo, HU Wei-Kuan, LIU Zheng, YU Hai-Bing (400)

No. 4

- Five new species of *Thalictrum* (Ranunculaceae) from China WANG Wen-Tsai (407)
- Structure and dynamic characteristics of wild longan population in Dongfang City, Hainan ZHANG Xuan-Rong, LI Dan, YANG Xiao-Bo, LI Dong-Hai, LIN Ze-Qin, WU Ting-Tian (417)
- Pollination biology of *Aspidistra retusa* MA Zhong-Hui, XU Han-Feng, LIN Chun-Rui, LIU Yan (426)
- Coenological characteristics of *Pseudotsuga sinensis* forests in Qizimei Mountains Nature Reserve XIONG Bin-Mei, WANG Zheng-Xiang, TIAN Kai, ZHANG E, LI Ze, LI Shi-Chao, PENG Zong-Lin (434)

| | |
|---|---|
| Analysis on community stability and inter-specific correlations among dominant woody populations of the endangered plant <i>Sinojackia rehderiana</i> communities | ZHOU Sai-Xia, PENG Yan-Song, DING Jian-Min, GAO Pu-Xin, LI Guo-Liang, WAN Meng, LÜ Fang (442) |
| New records of ferns from Guangxi, China (II) | LIU Jing, LI Shu-Wan, WEI Jia-Jia, WEI Hong-Jin (449) |
| Analysis on vertical distribution pattern of flora of seed plants in Kuche | TURGAN Bumaryam, LIU BIN, YIMIT Akbar (453) |
| Impact factors of the total flavonoid contents in Guizhou miao medicine <i>Laportea bulbifera</i> based on grey correlation analysis | ZOU Shu-Han, CHEN Yin-Rui, XU Wen-Fen, HUANG Shi-Qing, ZHAO Li-Ting, QI Wei-Na (461) |
| Characteristics of the accumulation of heavy metals in the leaves of six common green tree species and its correlation with environment factors in Hangzhou City, China | WANG Ai-Xia, FANG Yan-Ming (470) |
| Characteristics of pollen germination and pollen tube growth of <i>Magnolia delavayi</i> | LI Fo-Lian, XU Hai-Yan, GONG Xun, WANG Shi-Yu (478) |
| Structural and phylogenetic analysis of <i>Pto</i> -type disease resistance gene candidates in <i>Hevea brasiliensis</i> | ZHANG Ying-Bo, PANG Yu-XIN, MO Ting-Hui, ZENG Li-Xing (485) |
| Improved cephalotaxine production of <i>Cephalotaxu mannii</i> suspension cells by L-alanine | JIANG Xuan-Xian, LI Yong-Cheng (497) |
| Effects of different exogenous compounds on cold resistance of maize seedlings | GUO Nan-Nan, CHEN Xue-Lin, ZHANG Ji, CHEN Jin-Yuan (504) |
| Cutting propagation of <i>Pyrenaria microcarpa</i> | TANG Jian-Min, CHAI Sheng-Feng, ZOU Rong, LI Ji-Tao, GAO Li-Mei, YANG Xue, WEI Xiao (511) |
| Female gametophyte development of <i>Cananga odorata</i> (Annonaceae) | GAN Yang-Ying, XU Feng-Xia (517) |
| Analysis of protein components in different cultivars of common buckwheat planted in different altitude areas | ZHANG Qi-Di, DENG Jiao, LIANG Cheng-Gang, CHEN Qing-Fu (524) |
| A review of the effects of simulated acid rain on soil respiration | FENG Ji-Guang, Song Yan-Jun (533) |

No. 5

| | |
|--|--|
| Three new species of Urticaceae | WANG Wen-Tsai (541) |
| Taxonomic notes on Chinese <i>Glochidion</i> (Phyllanthaceae) | YAO Gang, ZHANG Lian-Jie, XUE Bin-E (547) |
| Identification for a new <i>Amomum villosum</i> cultivar | JIANG Ye, SU Jing, TANG Li-Yun, XU Jie, CHEN Ru-Ping, DENG Ru-Rong, HE Guo-Zhen (554) |
| Leaf anatomical structure of six <i>Aquilaria</i> species | LIU Pei-Wei, ZHANG Yu-Xiu, YANG Yun, CHEN Bo (565) |
| Comparative anatomy on leaves of <i>Fissistigma</i> (Annonaceae) from China | SUN Tong-Xing, DONG Yun-Qiu, HOU Xue-Liang (572) |
| Effects of space mutation on DNA of <i>Siraitia grosvenorii</i> detecting by ISSR molecular markers | XIANG Qiao-Yan, HUANG Xi-Yang, LI Hong, GAN Jin-Jia, LIANG Yong-Shi, JIANG Shui-Yuan (581) |
| Exploration and analysis of influence factors of embryogenic callus induction from immature zygotic embryos of <i>Cunninghina lanceolata</i> | CHEN Qin, CHEN Dai-Xi, LAO Guang-Jie, HUANG Kai-Yong, LIANG Ji, MO Yong-De (587) |
| Effects of various LED lights on growth and development of <i>Tectona grandis</i> plantlets <i>in vitro</i> | QIU Zhen-Fei, ZENG Bing-Shan, GUO Guang-Sheng, LIU Ying (592) |
| Effects of exogenous ascorbic acid treatment on persimmon fruit freshness after de-astringency | FAN Ling-Jiao, SUN Ning-Jing, WANG Kun, ZHANG Yu, QIN Hui (599) |
| Spectrum-effect relationship on expectorant efficacy of <i>Siraitia grosvenorii</i> | WANG Qin, XIAO Xi-Quan, DONG Wei, TANG Hui-Qin, LU Feng-Lai, LI Yao-Hua, LI Dian-Peng, WANG Jian, LIN Wu (606) |
| Application of Fourier transform infrared spectroscopy on selecting the cultivation method of <i>Gentiana rigescens</i> | MI Li-Ju, ZHANG Ji, ZUO Zhi-Tian, WANG Yuan-Zhong, LI Fu-Sheng (610) |
| Vibralactone derivatives from <i>Stereum hirsutum</i> FP-91666 | ZHOU Zhi-Fan, DUAN Yuan-Chang, LI Jing, ZHAO Pei-Ji (617) |
| Chemical constituents and bioactivity of <i>Xanthium sibiricum</i> | ZHANG Wen-Zhi, LI Na, BAI Li-Ming, GAO Hong-Yue, ZHANG Shu-Jun (621) |
| Analysis of chemical constituents by GC-MS and antioxidant capacity on essential oil from <i>Tulbaghia violacea</i> | HE Yue-Qiu, LIN Li, DU Tian-Dian, HUANG Ai (627) |
| Isolation, identification and antitumor activity of endophytic fungi in <i>Taxilli herba</i> from <i>Salix babylonica</i> in Guangxi | GONG Bin, WU Xin, WEI Ting, LIAO Ri-Quan, SU Ben-Wei, SONG Jing-Jing, JIANG Guo-Huan, ZHU Kai-Xin (634) |
| Diterpenoids from <i>Calocedrus macrolepis</i> and their anti-inflammatory activities | DING Lin-Fen, WU Xing-De, WANG Shuang-Yan, TU Wen-Chao, PAN Zheng-Hong, GUO Ya-Dong, SONG Liu-Dong (642) |
| Kinetics of DPPH· free radical scavenging activity of <i>Dictyota dichotoma</i> polysaccharides | FENG Xue-Zhen, WU Shan-Guang, WEI Qi-Qiu, LU Yuan, PEI Shi-Cheng (647) |
| Endangered mechanisms of <i>Sinomanglietia glauca</i> : exploring and prospect | YANG Qing-Pei, XIAO Zhi-Yong, HU Xiao-Dong, OUYANG Ming, CHEN Xin, LIN Guo-Jiang, XU Jia-Wen, |

| | |
|---|--|
| | YANG Guang-Yao (653) |
| Bibliometric analysis of research on diecious plant | YAN Huan-Huan, XIAO Juan, YANG Yong-Qing (661) |

No. 6

| | |
|--|---|
| Six new species of <i>Thalictrum</i> (Ranunculaceae) from China | WANG Wen-Tsai (675) |
| Dynamic changes of soil microbe quantity in reed vegetation of Huixian Karst Wetland, Guilin, China | ZHOU Long-Wu, HUANG Yu-Qing, WANG Xin-Gui, XU Guang-Ping, SUN Ying-Jie, ZHANG De-Nan, YAO Yue-Feng, ZENG Dan-Juan (685) |
| Relationship between the spatial distributions of dominant arbor species and environmental factors of <i>Excentrodendron hsienmu</i> community in Southwest Guangxi, China | SHEN Wen-Hui, OU Zhi-Yang, PANG Shi-Long, HE Qin-Fei, LIANG Yan (694) |
| Plasticity of <i>Alternanthera philoxeroides</i> in response to three karst habitats | ZHANG Bao-Cheng, PENG Yan, ZANG Ling-Fei, QIN Kai-Nan, LI Xian-Bi, SUI Chang-Ling (702) |
| Effects of different calcium concentrations on seedling growth and enzyme activities of two kinds of karst plant species | ZHANG Fang, SONG Min, PENG Wan-Xia, ZENG Fu-Ping, DU Hu, HU Fang, CHEN Li, SU Liang (707) |
| Effects of water stress and rewatering on eco-physiological characteristics of <i>Illicium difengpi</i> | WANG Man-Lian, TANG Hui, HAN Yu, ZHANG Jun-Jie, LIANG Hui-Ling (716) |
| Cloning and expression analysis of <i>F3H</i> gene in <i>Caragana korshinskii</i> | ZHENG Sheng, MAO Yu-Shan, ZHANG Teng-Guo, NIE Ting-Ting (723) |
| Study on the alleviation of Al toxicity by exogenous chlorogenic acid in black soybean | JIANG Xiao-Jie, LI Fang, WANG Wen-Wen, CHEN Xuan-Qin (734) |
| Effects of abscisic acid on PLD activity in mitochondrial membrane under low temperature | HE Wen-Ping, ZHANG Xu-Qiang, YANG Peng-Jun, QIU Yi-Zhi, WANG Xin-Xia, YANG Ning (742) |
| Regeneration of leaves of noni | HUANG Ao-Dan, LAN Zeng-Quan, WU Tian (749) |
| Effects of clonal integration on the nitrogen availability of rhizosphere soil in <i>Phyllostachys nigra</i> suffering from heterogeneous light | ZHANG Yun, CHEN Jin-Song (757) |
| Composition of mycorrhizal fungi and symbiotic relationship of <i>Cypripedium yunnanense</i> | AN Man-Yun (763) |
| Changes in biomass allocation to leaves, stems and roots of three dominant alpine species from the Tibetan Plateau | WANG Jiu-Luan, MA Yu-Shou, CHEN Li-Tong (768) |
| Interspecific and intraspecific competition of <i>Pinus fenzeliana</i> in Yinggeling, Hainan Province | YOU Juan, LIN Le-Le, XIE Lei, CUI Guo-Fa (776) |
| Community structure and distribution of the minimum population species of <i>Myristica yunnanensis</i> | MA Chen-Chen, DAI Jun, XIAO Zhi-Qiang, DU Fan (783) |
| Variation and correlation of several evergreen broad-leaved trees on uneven-aged foliar traits | PAN Yun-Long, ZHU Qing-Bo, CHEN Xin-Fan, LI Bin, OUYANG Yu-Ying, XU Ling-Yu, WU Cheng-Zhen, HONG Tao (791) |
| Size class structure and spatial distribution pattern of <i>Ormosia hosiei</i> plantation in Baiyun Mountain, Lishui | YOU Gen-Biao, YE He-Jun, JIAO Jie-Jie, LIU Wei, WU Chu-Ping (799) |
| Three new records of naturalized plants in Guangxi and analyses on their invasiveness | LI Xiang-Qin, WEI Chun-Qiang, PAN Yu-Mei, TANG Sai-Chun (806) |
| Karyotypes of nineteen populations of four species in <i>Allium</i> subgenus <i>Anguinum</i> | LU Yan, DENG Yi-Qi, LU Li-Dan, HE Xing-Jin (811) |
| Effects of floral morphology on flower temperature increment in alpine plants | ZHANG Guo-Peng, YANG Ming-Liu, CHENG Xian-Xun, MENG Li-Hua (822) |
| A morphometric study of Chinese <i>Rubia</i> sect. <i>Oligoneura</i> (Rubiaceae: Rubieae) | YANG Li-E, MENG Ying, NIE Ze-Long, SUN Hang (829) |
| Primary investigation on comparatively embryology characteristics of different development periods of Fagaceae female flower | YANG Xiao-Rui, WANG Quan-Xi, SONG Yi-Gang (841) |
| Supplementary description of achenes of <i>Elatostema</i> (Urticaceae) | CHEN Xiao-Qin, FU Long-Fei, WEN Fang, LI Shu, LIU Ying, WEI Yi-Gang (849) |
| A new variety of <i>Neocinnamomum</i> H. Liou from Guangxi, China | XU Wen-Bin, XIA Bo-Shun, ZHANG Shou-Jun, CHEN Zhen-Ying (855) |
| Quantitative assessment of priority for rare and endangered plants in Wanchaoshan Nature Reserve of Hubei | PENG Qian-Qian, WANG Zheng-Xiang, LI Ting-Ting, XIONG Bin-Mei, YANG Qi-Chi (859) |
| Structural properties of natural Loess Plateau forest stands dominated by <i>Pinus tabulaeformis</i> | LI Yuan-Fa, YE Shao-Ming, WANG Hong-Xiang, HU Yan-Bo, ZHAO Zhong-Hua, HUI Gang-Ying (868) |
| <i>Pinus taiwanensis</i> community composition and structure based on fixed sample Daiyun Mountain | LIU Yan-Hui, LIU Jin-Fu, HE Zhong-Sheng, HONG Wei, FENG Xue-Ping, YA Zuo-CHao (881) |
| Carbon storage and its influencing factors of <i>Phyllostachys edulis</i> forest in Fujian Province | ZHU Qing-Bo, SU A-Lan, LIN Yong-Ming, WU Cheng-Zhen (891) |
| Community characteristics and spatial distribution of mixed conifer and broad-leaved forest in South Taiyue Mountain, Shanxi Province of China | WANG Yan, BI Run-Cheng, XU Qiang (901) |

- Discovery of *Aleodaphne rugosa* Merr. et Chun (Lauraceae) in SE Yunnan, China and its biogeographical significance ...
 MO Yue-Qing, LI Lang, ZHANG Jin-Guo, LI Hsi-Wen, LI Jie (912)
- Leonotis*, a newly naturalized genus of Lamiaceae in China ...
 MA Xing-Da, WANG Huan-Chong, ZHANG Rong-Zhen, KONG Ling-Pu, HE Zhao-Rong (921)
- Urophysa* Ulbr. : a newly recorded genus of Ranunculaceae from Guangxi, China ...
 TAN Wei-Ning, LIANG Tian-Fu, LUO Liu-Juan, TAN Shen, HUANG Yu-Song, LIU Jing (926)
- One genus and five species newly recorded of ligneous plants in Northeast China ...
 WANG Meng, ZHANG Shu-Mei, WANG Xin, LI Ding-Nan, WANG Dan, ZHANG Xu (930)
- A bibliometrical analysis of biological invasions under the global climate change ... WU Hao (934)

No. 8

- Natural pollination of 37 *Rhododendron* species under *ex situ* conservation ... ZHUANG Ping (947)
- Self-fertilization of 32 *Rhododendron* species under *ex situ* conservation ... ZHUANG Ping (959)
- Effects of low temperature stress on physiological characteristics and ultrastructure of "Fanjing" *Rhododendron* leaves ...
 MING Meng, HE Jing-Wen, LU Dan, XIE Xiao-Hong, WU Yue-Yan (969)
- Cross-compatibility of wild *Rhododendron* and the effective evaluation indicators ...
 GENG Xing-Min, ZHAO Hong-Juan, WU Ying-Qian, ZHANG Yue-Miao (979)
- A newly recorded species and its supplementary description of Ericaceae from Hunan ...
 XIANG Jian-Feng, YU Xun-Lin, LUO Kai-Wen (989)
- Effects of silkworm excrement fast-rotting on rice habitat and security growth ... HU Jun-Ming, XIA Xu,
 ZHANG Ye, LI Ting-Ting, LU Bing-Mei, LÜ Xiang-Pei, HE Dan, WEI Xiang-Hua, HE Tie-Guang, LI Zhong-Yi (993)
- Arabidopsis At1g10300* gene regulates leaf morphology and flowering time ...
 LIU Yi-Ran, YANG Xiao, MEN Shu-Zhen (1000)
- Selection of reference genes for RT-qPCR and expression of genes involved in homogluthathione anabolism in soybean
 under stress of phosphorus deficiency ... CHEN Yu-Lian, ZHANG Tao, DONG Deng-Feng (1008)
- Genetic diversity of the progeny population of different levels of improvement in *Pinus massoniana* ...
 LUO Qun-Feng, YANG Zhang-Qi, YAN Pei-Dong, FENG Yuan-Heng, LI Huo-Gen (1019)
- cDNA cloning and expression analysis of shaggy-like protein kinase (*KdSK*) gene in *Kalanchoe daigremontiana* ...
 ZHANG Li-Juan, DU Xiao-Jiao, ZHU Min-Qun, GE Yong-Qiang, LIANG Xiao-Hong, ZHONG Tian-Xiu (1025)
- Effects of culture conditions on the growth and accumulation of saponin in *Panax notoginseng* callus ...
 QI Lin-Lin, LI Gang, LIU Zhi-Wei, JIN Zhao-Xia, ZHANG Zong-Shen (1035)
- Pharmacognosy and GC of *Alpinia zerumbet* fructus ...
 WU Lin-Jing, XIAO Rui-Yao, LI Chen, ZHANG Xu, LONG Qing-De, LI Qi-Rui, ZHANG Yan-Yan (1043)
- Determination and analysis on nutrients of *Haplocladium microphyllum* ...
 LIU Chang, MAO Li-Hui, XU Dan-Dan, FANG Yan-Ming (1049)
- HPLC fingerprints of ethyl acetate parts of five traditional Chinese medicines ... QIN Hua-Zhen,
 LI Ming-Fang, TAN Xi-Mei, WENG Ming-Zuan, HUANG Yan-Qiong, XIE Peng, LONG Xiao-Qin, LUO Jun (1060)
- Antibacterial activity of mycelial culture from *Antrodia cinnamomea* ...
 ZHAO Neng, YUAN Xiao-Long, CHEN Jian, CHEN Zhong-Hua, WANG Juan, YANG Yu-Ming, WANG Yi (1068)
- Optimization of microwave-assisted extraction of *Litsea cubeba* kernel oil by response surface methodology ...
 ZHU Hui, SUN Jia-Ying, PENG Lin-Cai, LAI Chuan, ZHU Chao-Ju (1074)

No. 9

- Two new species of Fumariaceae ... WANG Wen-Tsai (1083)
- Explant selecting and anti-browning of *Magnolia sinostellata* in tissue culture ...
 WANG Qian-Ying, TANG Jia-Ni, LIU Zhi-Gao, ZHANG Ming-Ru, SHEN Ya-Mei (1088)
- Expression patterns of *JcOle14.3* and *JcOle16.6* in different developmental stages of *Jatropha curcas* seeds ...
 YU Jin-De, XIONG Hong, SONG Jian, CHEN Hai-Tao, LIU Xiao-Zhu, DING Yong (1096)
- Transgene by pollen-tube pathway of *Dendrobium officinale* ...
 XIAN Kang-Hua, FU Chuan-Ming, HE Jin-Xiang, GONG Qing-Fang, SU Jiang, HUANG Ning-Zhen (1101)
- Organogenesis approaches in tissue culture of *Dysosma versipellis* ...
 CHEN Yao, DIAO Xia, HUAN Yun-Min, DU Yang-Chun, LI Wei, HE Bing (1111)
- Changes of super oxygen anion in mulberry varieties under water stress ...
 REN Ying-Hong, LIU Song-Qing, QI Wei-Liang, LUO Cui-Hua, GONG Bi-Ran, OU Li-Ping (1122)
- Correlation and regression analysis of fresh fruit bunch yield components in oil palm (*Elaeis guineensis*) ...
 SHI Peng, WANG Yong, LEI Xin-Tao, CAO Hong-Xing, LI Dong-Xia (1130)
- Effects of pipeline trunk transfusion and drip on iron deficiency chlorosis of apple trees ...
 MA Xing-Xing, TIAN Zi-Wu, LIU Gui-Qiao, LIU Zi-Ying, YANG Qing-Qin, LÜ Zhi-Guo, XUE Jin-Jun (1137)
- Effects of string-harvest on ethylene production and storage quality in post-harvest tomato fruit ...
 WANG Kun, WANG Yue-Xia, LIU Si-Min, JIA Rui, LIN Ling, YU Wen-Jin, SUN Ning-Jing (1143)

- Effects of light intensity and planting substrates on the growth of *Begonia ningmingensis* 'Ningming Silver', a new begonia cultivar ZHAO Bin, FU Nai-Feng, XIANG Yan-Ci, TIAN Dai-Ke (1153)
- Effects of waterlogging stress on growth and physiological characteristics of *Phalaris arundinacea* seedlings WU Hai-Ying, CAO Yun, GUO Zhi-Chang, LUO Shan-Shan, JI Xin-Sheng (1161)
- Physiological responses of three cultivar seedlings of *Bougainvillea* under drought stress DING Yin-Long, YANG Sheng-Chang, ZHOU Qun, LIU Xue-Xia, WANG Zhen (1168)
- Analysis of chemical components in flowers of *Camellia nitidissima* TANG Jian-Min, SHI Yan-Cai, LIAO Yu-Qiong, FAN Jin-Shun, WEI Ji-Qing, WEN Xiang-Ying, WEI Xiao (1176)
- Chemical constituents of *Dendrobium crystallinum* YANG Dan, CHENG Zhong-Quan, DING Zhong-Tao, ZHOU Jun, HU Jiang-Miao (1182)
- Analysis on monosaccharide composition of polysaccharides in *Ziziphus jujube* cv. Lingwuchangzao from different areas in Ningxia CHAI Ya-Hong, ZHANG Ying-Cai (1187)
- UPLC fingerprint of *Oxalis corniculata* WU Lin-Jing, FENG Hua, WU Hong-Mei, TANG Rong-Rong, WANG Xiang-Pei (1195)
- Effects of storage conditions on the chemical potency of *Cannabis* SUN Wei-Lai, ZHAO Yan-Biao, ZHENG Xiao-Yu, ZENG Ling-Hua, GAO Li-Sheng, LIU Yao, ZHENG Hui (1204)
- Effects of *Flemingia* polysaccharide on modulating immune function in mice ZHUO Shen, QIAO Xue, YANG Zi-Ming, LU Yu-Ting, QIN Hai-Guang (1213)

No. 10

- Diversity and distribution of Gesneriaceae in China XU Wei-Bin, GUO Jing, PAN Bo, ZHANG Qiang, LIU Yan (1219)
- Floral evolutionary trend of *Petrocodon* (Gesneriaceae) and its significance in classification LU Yong-Bin, HUANG Yu-Song, XU Wei-Bin, HUANG Jie, LIU Yan, XIANG Chun-Lei, ZHANG Qiang (1227)
- Species composition, community structure and population niche of the karst cave-dwelling *Petrocodon lui* WU Hao-Tian, XU Shuang-Shuang, YANG Shi-Yong, FU Long-Fei, WEI Yi-Gang, WEN Fang (1240)
- Primulina effusa* F. Wen & B. Pan, a new species of Gesneriaceae from limestone areas of South China PAN Bo, ZOU Ling-Li, ZHANG Rui-Li, KANG Ming, WEN Fan (1250)
- Loxostigma*: a new record genus of Angiospermae to Guangdong Province, China LIU Jia, TAN Wei-Zheng, FENG Hui-Zhe, LIAO Wen-Bo (1257)
- Adaptation of three species of Gesneriaceae in limestone soil and red soil LIU He-Xia, LI Bo, HU Xing-Hua, DENG Tao, HUANG Shi-Xun, ZOU Ling-Li (1261)
- Tissue culture and rapid propagation of *Primulina glandaceistriata* YAN Hai-Xia, DENG Jie-Ling, HUANG Chang-Yan, GUAN Shi-Kai, HE Jing-Zhou, ZHANG Zi-Bin, BU Zhao-Yang (1270)
- Compatibility of intergeneric cross in gesneriaceae LÜ Wen-Jun, XU Hui, WAN Zuo-Xi, HUANG Sheng (1279)
- Morphology study of *Hymenasplenium* HONG Hua-Feng, CHANG Yan-Fen (1290)
- Flowering phenology, floral traits and breeding system of *Platycrater arguta* ZHANG Li-Fang, QIU Li-Hong (1301)
- Difference of reproduction between the two morphs of *Amomum tsaoko* (Zingiberaceae) LI Guo-Dong, ZHANG Hong-Wu, LIU Xiao-Li, QIAN Zi-Gang, GUAN Kai-Yun, YANG Yao-Wen (1312)
- Pollination biology of *Michelia crassipes* CHAI Yi-Xia, CAI Meng-Ying, JIN Xiao-Ling, ZHANG Dong-Lin (1322)
- Cytological study and systematic significance of two species in *Nemosencio* (Compositae: Senecioneae) WANG Long-Yuan, TANG Ming (1330)
- Clarification of two taxon names of Liliaceae in China LIU Bo, TONG Yi-Hua, LI Juan, YANG Li-Qin, HE Xing-Jin (1335)
- Identity of *Berberis wilsoniae* and *B. bodinieri* (Berberidaceae) LI Xin-Hua (1339)
- Change of morphological structure during pollen development process in *Cunninghamia lanceolata* MA Kai-Biao, TANG Liang, CUI Jia-Wen (1342)
- Characteristics of spermatophyte flora of Fanjing Mountain and its phytogeographical significance WU Ren-Xia, XIONG Kang-Ning, RONG Li (1348)

No. 11

- Regulation of HDA19 on resistance of *Arabidopsis thaliana* to *Botrytis cinerea* SUN Shu-Hao, HU Yan-Ru, YU Di-Qiu (1355)
- Flavonoid related compounds and their biosynthesis pathways in *Linum perenne* SONG Yang, LEI Ting, JIN Xue-Hua, FU Deng-Xiang (1368)
- Genetic diversity and fingerprints of *Gleditsia sinensis* germplasm resource based on SCoT ZHANG An-Shi, LUO Yang, FAN Ding-Chen, ZHANG Zhong-Hai (1378)
- Tissue culture and rapid propagation technique of the superior tree from *Paulownia fortunei* SU Jiang, XIAN Kang-Hua, FU Chuan-Ming, HUANG Ning-Zhen, HUANG Hui-Jin, HE Jin-Xiang (1386)
- Tissue culture and rapid propagation technique of red-flowered strawberry JIN Mei-Fang, CAO Zhi, CAI Jun-Jie, LIN Mao-Zi (1395)

- Age structure and population dynamics of dominant species in a *Betula platyphylla*—*Larix olgensis* forest on swamp ecotone CHAO Lin, LIU Yan-Yan, WU Cheng-Zhen, HONG Tao, LIN Zhuo, HONG Wei (1406)
- Spatial heterogeneity of soil organic carbon under different forest types across Guangxi SONG Min, PENG Wan-Xia, XU Qing-Guo, ZENG Fu-Ping, DU Hu, ZHANG Hao, ZENG Zhao-Xia (1418)
- Diversity and floristic characteristics of Orchidaceae in Hubei YANG Lin-Sen, WANG Zhi-Xian, WANG Jing, CHEN Jin-Xin (1428)
- Passiflora morifolia*, a newly naturalized plant of Passifloraceae from China QIAO Di, YANG Feng, CAO Jian-Xin, YE Han-Gen, WANG Huan-Chong (1443)
- ITS sequences from cultivars and some wild species of genus *Eriobotrya* CHEN Zhuo-Juan (1447)
- Spore morphology of genus *Pyrrosia* from China SHI Xiong, YANG Lu-Hong, CHEN Qian (1455)
- Leaf morphological characteristics of *Symplocos nakaharuae* complex (Symplocaceae) and their taxonomic significance LIU Bo, BAI Yu-Jia, HU Xue-Chen, YANG Fang, DING Jia-Qing, SHI Min-Jie, QIN Ai-Li (1463)
- Endangered species endemic to microsatellite genetic diversity study on *Handeliidendron bodinieri* TENG Jie-Hua, WEI Jia-Xian, LI Xiang-Qin, LI Chao-Qun, NI Min, WENG Le-Yi, XIE Guo-Wen (1471)
- Advance in plant and soil feedback ZHOU Yang, JIANG Li-Li, LI Bo-Wen, CUI Shu-Juan, MENG Fan-Dong, WANG Qi, WANG Shi-Ping (1480)

No. 12

- Ecological and biological characteristics of *Pisonia grandis* WANG Xin-Hui, LIU Nan, REN Hai, XU Bei-Bei, JIAN Shu-Guang (1489)
- Distribution characteristics of soil organic carbon storage and carbon density from damaged vegetation under different climate types in Wenchuan earthquake region SUN Fan, YAN Si-Wei, LIN Yong-Ming, CHEN Ai-Min, DENG Hao-Jun, DU Kun, WU Chen-Zhen, HONG Wei (1498)
- Distribution patters of tree species and its influencing factors of topography in a mid-montane humid ever-green broad-leaved forest in Gaoligong Mountains CHAI Yong, MENG Guang-Tao, HE Li-Ping, YUAN Chun-Ming, SHAO Jin-Ping, LI Pin-Rong, LI Gui-Xiang (1508)
- Spermatophyte flora and its geography implication of Sanming *Castanopsis kawakamii* Nature Reserve YOU Zhang-Tian, YAN De-Min, YOU Shui-Sheng, LIN Qun-Xing, YE Bao-Jian (1521)
- Ipomoea wrightii* A. Gray—a newly naturalized species in mainland of China WANG Zhang-Hua, WANG Yuan, YAN Jing, MA Jin-Shuang (1533)
- Dynamic changes of endogenous hormones in fruit branch leaves of *Camellia nitidissima* with different flower numbers during blossom and fruit periods SUN Hong-Mei, LIAO Hao-Bin, LIU Pan-Pan, YANG Xue, LI Ji-Tao, QI Xiao-Xue (1537)
- Catalytic functional identification of cassava hexokinase MeHXK5 YAO Yuan, SUN Chong, LU Xiao-Hua, WANG Yun-Lin, GENG Meng-Ting, WU Xiao-Hui, SHANG Lu, LI Zhan, FU Shao-Ping, LI Rui-Mei, DUAN Rui-Jun, LIU Jiao, HU Xin-Wen, GUO Jian-Chun (1545)
- Seed dormancy mechanism and its ecological significance of endangered species *Dracaena cambodiana* ZHENG Dao-Jun, YANG Li-Rong, YUN Yong, CHEN Jia-Li, CHEN Xuan, JIANG Dian-Qiang, ZHANG Zhi-Li (1551)
- Different adaptations to salt stress in different ploidies of wheat SHANG Yue, LIU Tao, WU Li-Jun, ZHANG Bo, LIU Bao-Long, CHEN Wen-Jie, ZHANG Lian-Quan, ZHANG Huai-Gang, LIU Deng-Cai (1560)
- Pigment analysis on different colors of leaves from *Malus sieboldii* WALIBAI Tangner, LI Hou-Hua, LI Guo, LIU Tian-Qing, LI Ai, HAN Mei-Ling (1572)
- Effects of L-arabinose on modulating levels of uric acid in mouse YANG Zi-Ming, ZHANG Li, CHEN Yue-Yuan, LIU Jin-Lei, HUANG Yong-Lin, LI Dian-Peng (1579)
- Chemical constituents from *Thamnia vermicularis* in Lijiang WANG Qiong, CHENG Zhi, YAN Bo (1586)
- Content determination of flavonoids from the fruit seed of *Abelmoschus esculentus* by UPLC-QqQ-MS XIE Jin, HUANG Yan-Ning, XU Rui, CAO Liang, FAN Hai-Shan, ZHU Xiao-Qi (1592)
- Interaction between bovine serum albumin and N-trans-feruloyltyramine from *Kochia scoparia* CHENG Ping, ZHANG Wei, PENG Xiu-Li (1598)
- Anthocyanin biosynthesis and regulation in plants HOU Ze-Hao, WANG Shu-Ping, WEI Shu-Dong, LIU Zhi-Xiong, FANG Zheng-Wu (1603)
- Chemical constituents and pharmacological activities of *Aconiti lateralis* Radix Praeparata TANG Mei, ZHAO Li-Chun, XU Min, LENG Jing, TANG Nong, HU Zhi-Yi, ZHANG Qian-Hua (1614)