

目 次

伞形科植物芫荽果实发育过程中的解剖结构变化	卞桂兰, 刘启新, 宋春风	1
不同瓣型茉莉水培生根能力及根尖解剖结构比较	邓衍明, 叶晓青, 梁丽建, 贾新平	9
不同产地美花石斛内生细菌分离及促生潜力比较	童文君, 张 礼, 薛庆云, 侯北伟, 丁小余	16
白术连作根际土壤的理化性质及微生物区系变化	陈 慧, 杨志玲, 袁志林, 杨 旭, 刘小芳	24
红树植物桐花树叶片多酚提取物对酪氨酸酶活性抑制及抗自由基和抗菌活性分析	黄晓冬, 吴雅清, 许瑞安, 刘 嘉, 俞 愉, 蔡建秀	30
天目山柳杉叶水势日变化及其与空气温湿度和 PAR 的相关性	秦 登, 刘 鹤, 赵明水, 蒋文伟	39
武夷山大安源甜槠常绿阔叶林群落物种组成及多样性分析	杨 青, 丁 晖, 方炎明, 陈 晓, 徐海根, 李 蒙	44
南岭大东山长柄双花木群落物种组成与种群结构特征分析	缪绅裕, 曾庆昌, 陈志明, 刘嘉俊, 李晓杰, 黄金玲	51
土壤 Cd 胁迫对三七生长和根系 DNA 损伤及抗氧化酶活性的影响	朱美霖, 魏富刚, 崔 斌, 陈中坚, 蒋艳雪, 曹红斌	58
不同生育期花生叶片蛋白质含量及氮代谢相关酶活性分析	翁伯琦, 郑向丽, 赵 婷, 徐国忠, 王俊宏, 叶花兰	65
芦苇和香蒲地上部 N 和 P 积累动态及适宜收获时期分析	熊 霞, 孙庆业	71
湖北铜绿山古铜矿遗址区木本植物对重金属富集能力的分析	康 薇, 鲍建国, 郑 进, 邹 涛, 闵建华, 杨裕启	78
淮南矿区大气及二球悬铃木叶片中重金属含量及其相关性分析	刘 玲, 方炎明, 王顺昌, 谢 影, 汪承润	85
8 种湿地植物不同苗龄植株的表型特征及相关性分析	刘长娥, 宋祥甫, 付子轼, 陈桂发, 周 胜, 潘 琦	93
多效唑和缩节胺对现蕾前忍冬枝叶生长及花蕾性状和有效成分含量的影响	崔志伟, 王康才, 郑 晖	99
 · 研究简报 ·		
楸树不同无性系枝条萌芽力及催芽条件初探	杨如同, 李 亚, 石 欣, 王 鹏, 李 超, 汪 庆	104
室温贮藏过程中胡萝卜口感及部分营养成分含量变化	谭国飞, 王 枫, 马 静, 田 畅, 陈逸云, 熊爱生	107
NaCl 胁迫对美国白蜡幼苗部分生理指标的影响	于金平, 俞 珊, 梁有旺, 倪学军, 任全进	110
过氧化氢脱毒前后小桐子油饼营养成分分析	张 救, 龚宽俊, 向 诚, 角仕云, 李宝才	113
红籽鸢尾高频离体再生条件的初步筛选	张永侠, 原海燕, 顾春笋, 黄苏珍	116
云南省兰科植物新记录	谭运洪, 李剑武, 刘 强, 文 彬, 殷建涛	119

《植物资源与环境学报》2013 年审稿专家名单(50) 《植物资源与环境学报》启事(92) 新书推介(98)

CONTENTS

Change of fruit anatomical structure of <i>Coriandrum sativum</i> (Apiaceae) during fruit development process	BIAN Guilan, LIU Qixin, SONG Chunfeng	1
Comparison on hydroponic rooting ability and root-tip anatomical structure of different petal types of <i>Jasminum sambac</i>	DENG Yanming, YE Xiaoqing, LIANG Lijian, JIA Xinping	9
Isolation of endophytic bacteria in <i>Dendrobium loddigesii</i> collected from different locations and comparison on their plant-growth-promoting potential	TONG Wenjun, ZHANG Li, XUE Qingyun, HOU Beiwei, DING Xiaoyu	16
Changes of physicochemical property and microflora in rhizosphere soil of continuous cropping of <i>Atractylodes macrocephala</i>	CHEN Hui, YANG Zhiling, YUAN Zhilin, YANG Xu, LIU Xiaofang	24
Analyses on inhibition of polyphenol extracts from leaf of mangrove plant <i>Aegiceras corniculatum</i> to tyrosinase activity and its anti-free radical and antibacterial activities	HUANG Xiaodong, WU Yaqing, XU Rui'an, LIU Jia, YU Yu, CAI Jianxiu	30
Diurnal change of leaf water potential of <i>Cryptomeria fortunei</i> and its correlation with air temperature, humidity and photosynthetically active radiation (PAR) in Tianmu Mountain	QIN Deng, LIU He, ZHAO Mingshui, JIANG Wenwei	39
Analyses on species composition and diversity of evergreen broad-leaved forest community of <i>Castanopsis eyrei</i> at Da'an yuan in Wuyi Mountain	YANG Qing, DING Hui, FANG Yanming, CHEN Xiao, XU Haigen, LI Meng	44
Analyses on community species composition and population structure characteristics of <i>Disanthus cercidifolius</i> var. <i>longipes</i> in Dadongshan of Nanling Mountain	MIAO Shenyu, ZENG Qingchang, CHEN Zhiming, LIU Jiajun, LI Xiaojie, HUANG Jinling	51
Effect of soil Cd stress on growth, root system DNA damage and antioxidant enzyme activity of <i>Panax notoginseng</i> ...	ZHU Meilin, WEI Fugang, CUI Bin, CHEN Zhongjian, JIANG Yanxue, CAO Hongbin	58
Analyses on protein content and enzyme activity involved in nitrogen metabolism of peanut (<i>Arachis hypogaea</i>) leaf at different growth stages	WENG Boqi, ZHENG Xiangli, ZHAO Ting, XU Guozhong, WANG Junhong, YE Hualan	65
Analyses on accumulation dynamics of N and P in above-ground part and appropriate harvest period of <i>Phragmites australis</i> and <i>Typha orientalis</i>	XIONG Xia, SUN Qingye	71
Analysis on heavy metal enrichment ability of woody plants at ancient copper mine site in Tonglushan of Hubei Province	KANG Wei, BAO Jianguo, ZHENG Jin, ZOU Tao, MIN Jianhua, YANG Yuqi	78
Analyses on heavy metal content in atmosphere and <i>Platanus × acerifolia</i> leaf at Huainan mining area and their correlation	LIU Ling, FANG Yanming, WANG Shunchang, XIE Ying, WANG Chengrun	85
Analyses on phenotypic characteristics of eight wetland species with different plant ages and their correlation	LIU Chang'e, SONG Xiangfu, FU Zishi, CHEN Guifa, ZHOU Sheng, PAN Qi	93
Effect of paclobutrazol and mepiquat chloride on growth of branch and leaf before budding, and on trait and active component content of flower bud of <i>Lonicera japonica</i>	CUI Zhiwei, WANG Kangcai, ZHENG Hui	99
• Research Notes •		
Preliminary study on sprouting capability and sprouting condition of branches of different clones of <i>Catalpa bungei</i>	YANG Rutong, LI Ya, SHI Xin, WANG Peng, LI Chao, WANG Qing	104
Changes of taste and content of some nutritional components of carrot during storage period under room temperature	TAN Guofei, WANG Feng, MA Jing, TIAN Chang, CHEN Yiyun, XIONG Aisheng	107
Effect of NaCl stress on some physiological indexes of <i>Fraxinus americana</i> seedling	YU Jinping, YU Shan, LIANG Youwang, NI Xuejun, REN Quanjin	110
Analysis of nutritional components in seed cake of <i>Jatropha curcas</i> before and after detoxification by hydrogen peroxide	ZHANG Mi, GONG Kuanjun, XIANG Cheng, JIAO Shiyun, LI Baocai	113
Preliminary selection of high frequency <i>in vitro</i> regeneration condition of <i>Iris foetidissima</i>	ZHANG Yongxia, YUAN Haiyan, GU Chunsun, HUANG Suzhen	116
New records of Orchidaceae in Yunnan Province	TAN Yunhong, LI Jianwu, LIU Qiang, WEN Bin, YIN Jiantao	119

《植物资源与环境学报》编辑委员会

Editorial Board of Journal of Plant Resources and Environment

主 编 庄娱乐

副主编 冯 煦 惠 红

编 委 (以姓氏的汉语拼音为序)

安树青	陈建群	崔大方	邓小江	丁小余	方升佐	傅承新
管开云	杭悦宇	郝日明	贺善安	洪德元	胡永红	黄苏珍
李思锋	李维林	李先琨	廖文波	刘大钧	刘建秀	刘启新
刘延江	龙春林	庞自洁	强 胜	秦路平	秦民坚	施国新
谭仁祥	唐领余	王明麻	王年鹤	王献溥	吴承祯	吴国荣
夏 冰	向其柏	徐增莱	许天全	殷云龙	尹大强	尹林克
於 虹	张明理	张卫明	张小平	张佐双	周荣汉	邹天才

植物资源与环境学报

ZHIWU ZIYUAN YU HUANJING XUEBAO

(季刊, 1992年创刊)

第23卷 第1期 2014年2月25日出版

Journal of Plant Resources and Environment

(Quarterly, Started in 1992)

Vol. 23 No. 1 Feb. 2014

主 管 江苏省科学技术厅
主 办 江苏省植物研究所
中国科学院
江苏省植物学会
中国环境科学学会植物园保护分会
主 编 庄娱乐
编辑出版 《植物资源与环境学报》编辑部
(南京 210014 南京中山门外,
江苏省·中国科学院植物研究所内
Tel: 025-84347016; 025-84347014
Fax: 025-84432074
E-mail: zwzy@mail.cnbg.net
http://www.cnbg.net/Tg/Contribute/Login.aspx)
排 版 《植物资源与环境学报》编辑部排版室
印 刷 江苏省地质测绘院
订 阅 全国各地邮局
国外总发行 中国国际图书贸易总公司

Superintended by Jiangsu Science and Technology Department
Sponsored by Institute of Botany, Jiangsu Province and the Chinese Academy of Sciences, Jiangsu Society of Botany and Branch of Botanical Gardens Conservation, Chinese Society of Environmental Sciences
Editor-in-Chief ZHUANG Yule
Edited and Published by Editorial Office of Journal of Plant Resources and Environment
(Institute of Botany, Jiangsu Province and the Chinese Academy of Sciences, Nanjing 210014, China
Tel: 86-025-84347016; 86-025-84347014
Fax: 86-025-84432074
E-mail: zwzy@mail.cnbg.net
http://www.cnbg.net/Tg/Contribute/Login.aspx)
Composed by The Editorial Office
Printed by Jiangsu Geologic Surveying and Mapping Institute
Distributed by
Domestic: All Local Post Offices in China
Foreign: China International Book Trading Corporation

公开发行人 中国标准连续出版物号: ISSN 1674-7895
CN 32-1339/S

邮发代号: 28-213 国外发行代号: Q5833 定价: 20.00元