

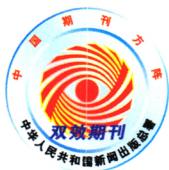
**Journal of Plant
Resources and Environment**

全国中文核心期刊
中国科技核心期刊
中国科学引文数据库核心期刊
RCCSE 中国核心学术期刊(A)

植物资源与环境学报

第 21 卷 第 4 期 Vol. 21 No. 4

2012



CODEN ZZYHAF
ISSN 1674-7895



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



JOURNAL OF PLANT RESOURCES AND ENVIRONMENT

2012 Vol. 21 No. 4

CONTENTS

Distribution pattern of <i>Phragmites australis</i> and <i>Spartina alterniflora</i> populations in Chongming Dongtan wetland and its correlation with habitat	PAN Yu, LI De-zhi, YUAN Yue, XU Jie, GAO Jin-jin, LÜ Yuan-yuan	1
Sequence analysis of <i>Xa21</i> gene promoter in rice (<i>Oryza sativa</i> ‘Nipponbare’) and its expression characteristics under different conditions	MOU Shao-liang, LIU Zhi-qin, LAI Yan, CAI Han-yang, HE Shui-lin	10
Analysis on pollen morphological characteristics of spring woody plants from Shanshan Forest Farm in the mountain areas of South Anhui	ZHOU Fei, HAN Fei-yuan, YANG Chun-lei, LONG Cong, MIN Yun-jiang, ZHOU Zhong-ze	16
Analysis on removal ability of <i>Vallisneria natans</i> and <i>Hydrilla verticillata</i> to COD _{Mn} , TN and NO ₃ -N in simulated water of West Lake	LI Ze, GAO Xiao-hui, HE Feng, HU Sheng-hua, XIA Shi-bin, WU Zhen-bin	29
Analysis on genetic diversity of <i>Atractylodes lancea</i> populations based on RAPD marker	GUO Jian-lin, GE Yan-fen, SUN Xiao-qin, LI Mi-mi, XIA Bing, HANG Yue-yu	35
Analysis on growth difference of <i>Taxus wallichiana</i> var. <i>mairei</i> from different provenances and selection of fast-growing provenances at early age	WANG Yi, ZHANG Rui, FENG Jian-guo, ZHOU Hong-min, MENG Xian-dong, ZHOU Zhi-chun	41
Genetic relationship analysis and fingerprint construction of 62 cultivars of <i>Hippeastrum</i> spp. based on ISSR marker	ZHANG Lin, XU Ying-chun, CHENG Hai-zhong, ZHOU Yu-zhen, LOU Xiao-ming, LÜ Wen-tao	48
Effects of NaHCO ₃ stress on growth and anatomical structure of <i>Iris halophila</i> and <i>I. lactea</i> var. <i>chinensis</i>	MA Jing-jing, HUANG Su-zhen, YUAN Hai-yan, HUANG Gang	55
Analysis on HPLC fingerprint of medicinal materials of <i>Salvia miltiorrhiza</i> from different locations and content comparison of four phenanthraquinone compounds	YUAN Xiao, GAO Jun-fei, YUAN Ping	62
Analyses on seasonal change of sap flux density of <i>Tsoongiodendron odorum</i> and its related factors under different light conditions	WANG Ying, WANG Jian, ZHENG Huai-zhou, WANG Zhen-xing, ZHENG Qun-rui, HUANG Ru-zhu	67
Effect of vanillic acid on physiological-biochemical indexes of embryos <i>in vitro</i> of <i>Cyclocarya paliurus</i> during germination process and correlation analysis of these indexes	SHANG Xu-lan, XU Xi-zeng, FANG Sheng-zuo	76
Time change rule of contents of essential oil and its main compositions in leaves of different chemical types of <i>Cinnamomum camphora</i> var. <i>linaloolifera</i>	ZHANG Guo-fang, FENG Juan, YU Jing-bo, FAN Hui, ZHANG Chun, HUANG Shi-xiao	82
Effects of EDDS on growth, physiological indexes and Se content of <i>Coleus blumei</i> under Se stress	YUAN Ju-hong	87
Assessment and analysis on comprehensive benefit of highway greening in Jiangsu Province in recent ten years	WANG Zhi-ke, YU Hua, YIN Yun-long, MA Yuan-shen, WANG Zhong-sheng	94
· Review Article ·		
Distribution and cultivation patterns and research status of forcing cultivation of Sect. <i>Paeonia</i> DC. species	SHEN Chun-yu, TIAN Dai-ke, ZENG Song-jun	100
· Research Notes ·		
Comparison of total ginkgolic acids content in leaf of fruit-utilization type of <i>Ginkgo biloba</i> with different tree ages and from different locations	YAO Xin, ZHOU Gui-sheng, TANG Yu-ping, QIAN Da-wei, SU Shu-lan, DUAN Jin-ao	108
Effects of tree age and cutting diameter on survival rate of <i>Tamarix austromongolica</i> cuttings	JIANG Feng-qin, KANG Xiao-shan, YIN Lin-ke, PAN Bo-rong	111
Comparison of total flavonoids contents in different parts of four fern plants in Zijin Mountain of Nanjing	MA Li, LI Yin-chuan, SUN Qi-meng, LIU Xing-jian, LI Wei-lin	114
Total contents of “Journal of Plant Resources and Environment” Vol. 21 (2012)		116

植物资源与环境学报 2012 年 第 21 卷 第 4 期

目 次

崇明东滩湿地芦苇和互花米草种群的分布格局及其与生境的相关性	潘宇, 李德志, 袁月, 徐洁, 高锦瑾, 吕媛媛	1
水稻 <i>Xa21</i> 基因启动子序列分析及其在不同条件下的表达特征	牟少亮, 刘志钦, 赖燕, 蔡汉阳, 何水林	10
皖南山区杉山林场春季木本植物花粉形态特征分析	周非, 韩飞园, 杨春蕾, 龙聪, 闵运江, 周忠泽	16
苦草和黑藻对模拟西湖水体中 COD _{Mn} 及 TN 和 NO ₃ -N 的去除力分析	李泽, 高小辉, 贺锋, 胡胜华, 夏世斌, 吴振斌	29
基于 RAPD 标记的南苍术居群遗传多样性分析	郭建林, 葛燕芬, 孙小芹, 李密密, 夏冰, 杭悦宇	35
不同种源南方红豆杉生长差异分析及早期速生优良种源筛选	王艺, 张蕊, 冯建国, 周红敏, 孟现东, 周志春	41
基于 ISSR 标记的 62 个朱顶红品种的遗传关系分析及指纹图谱构建	张林, 徐迎春, 成海钟, 周玉珍, 娄晓鸣, 吕文涛	48
NaHCO ₃ 胁迫对喜盐鸢尾和马蔺生长及解剖结构的影响	马晶晶, 黄苏珍, 原海燕, 黄钢	55
不同产地丹参药材 HPLC 指纹图谱分析及 4 种菲醌类成分含量的比较	袁晓, 高俊飞, 袁萍	62
不同光照条件下观光木茎干液流密度季节变化及其相关因素分析	汪滢, 王健, 郑怀舟, 王振兴, 郑群瑞, 黄儒珠	67
香草酸对青钱柳离体胚萌发过程中生理生化指标的影响及各指标的相关性分析	尚旭岚, 徐锡增, 方升佐	76
不同化学型芳樟叶精油及主成分含量的时间变化规律	张国防, 冯娟, 于静波, 凡辉, 张春, 黄诗晓	82
Se 胁迫条件下 EDDS 对彩叶草生长和生理指标及 Se 含量的影响	袁菊红	87
近十年江苏省公路绿化综合效益评估与分析	王志科, 余华, 殷云龙, 马元灿, 王中生	94
· 综述 ·		
芍药组植物的分布和栽培格局及其促成栽培研究现状	沈春宇, 田代科, 曾宋君	100
· 研究简报 ·		
不同产地及株龄果用银杏叶中总银杏酸含量的比较	姚鑫, 周桂生, 唐于平, 钱大玮, 宿树兰, 段金廒	108
株龄和插穗直径对甘蒙柽柳插穗成活率的影响	姜凤琴, 康晓珊, 尹林克, 潘伯荣	111
南京紫金山 4 种蕨类植物不同部位总黄酮含量比较	马丽, 李银川, 孙起梦, 刘兴剑, 李维林	114
植物资源与环境学报 第 21 卷(2012 年) 总目次		116
征订启事(75, 107)		

期刊基本参数: CN 32-1339/S * 1992 * q * A4 * 120 * zh * P * ¥ 20.00 * 900 * 18 * 2012-04

参加期刊编校无差错承诺活动