

目次

林学

白花泡桐种源遗传多样性的 ISSR 分析 李芳东,袁德义,莫文娟,等(1)

基于粗糙集的广州木本绿化植物配置模式评价因子分类研究
..... 李浩,王卫文,杨红梅,等(8)

白云山风景名胜区生物防火林带建设调查分析 王振师,周宇飞,李小川,等(12)

景观生态学在长沙城市森林建设中的应用初探 刘思华,肖英(16)

木材科学

杉木-纳米 ZnO 复合材料结构表征与分析 袁光明,宫飞飞,刘天柱,等(20)

热处理对圆盘豆木材尺寸稳定性的影响 史 嵩,鲍甫成,吕建雄,等(24)

落叶松结构用规格材的机械分级研究 娄万里,任海青,王朝晖,等(29)

土木工程

消能减震结构基于 EP 增益的优化设计 陈 敏,唐小弟(33)

钢管网架杆件稳定性设计及结构动力性能分析 任森智,贺国京(37)

生态旅游

户外参与式旅游解说媒体效果评估研究
——以广西姑婆山国家森林公园酒桶解说小品为例 罗 芬,罗伟亮(41)

软件工程

基于网络的人物卡通智能生成系统的关键技术 陈超云(46)

一种基于混沌 Chebyshev 与 CNN 交错映射的图像加密技术
..... 余妹兰,叶 群,张思扬,等(52)

自动控制

基于模糊推理的 PID 控制策略及应用 蒋纯谷(57)

物流工程

基于现代物流服务的铁路货运经营模式研究 曹 靖,郑国华(62)

转基因生物安全

发达国家转基因生物安全监管的立法分析 叶盛荣(68)

资源生态价值

资源税费改革的生态价值分析 叶莉娜,姜素红,陈朝晖(72)

研究生创新论坛论文

杉-阔林间边缘效应与杉木林龄的相关性研究 马文俊,李际平,李建军,等(75)

基于偏最小二乘法的平南县森林蓄积量 洪奕丰,林 辉,严思萍,李永亮,等(80)

外源激素对蓖麻营养生长及花芽分化的影响 陈 梅,李培旺,蒋丽娟(86)

邵阳县石漠化治理区湿地松人工幼林碳贮量及分布格局 李 倩,邓湘雯,黄小健,等(91)

基于 GIS 的桃源县森林景观格局特征分析 蒋群星,李际平,袁晓红,等(97)

不同林龄四川桉木的光合生理特性分析 韦铄星,文仕知,张 希,等(102)

光皮树小孢子发育与花器形态相关性及花粉粒超微结构观察

..... 周 娟,蒋丽娟,李昌珠,等(109)

黄脊竹蝗 5 个地理种群线粒体 16S rRNA 基因片段的序列分析

..... 姜石生,贺一原,朱道弘,等(115)

杉木林地根际与非根际土壤特性分析 马玉莹,周德明,梅 杰(120)

重组巨大芽孢杆菌产青霉素 G 酰化酶发酵条件研究 范 超,黎继烈,吴 浩,等(124)

PAM 包覆改性硅藻土吸附模拟废水中的 Cd^{2+} 杨 文,王 平,王韬远,等(130)

滇金丝猴群中全雄单元在移动时的空间结构与功能 郭 程,向左甫,任保平等(136)

两种改良剂对矿区重金属污染土壤中 Pb、Cd、Zn 的固定效果

..... 吕高明,陈炳睿,徐 超,等(140)

湿地植物水芹再生体系的建立与优化 李海洲,王 平,王海滨,等(145)

双菌种同步糖化共发酵造纸污泥生产乙醇的研究 王明生,何 钢,陈介南(151)

矢量数据格网化在蓄积量变化分析中的应用 胡 开,石军南(156)

用玉米芯、稻壳混合原料生产糠醛的中试工艺研究 张 烨,王 平,余 波,等(160)

基于邻近关系的林业数据综合 赵春燕,李际平,袁晓红,等(165)

绵毛优若藜冷胁迫均一化全长 cDNA 文库的构建 明付焕,张党权,宋志丹,等(169)

基于目标保护的林业机器人视觉系统的研究 李 昕,李立君,易春峰(174)

凹叶厚朴离体培养初探 宋 荣,马英姿,张 慧,等(179)

硅藻土吸附重金属离子研究现状及进展 朱 健,王 平,罗文连,等(183)

德国生境网络规划的发展与启示 何文捷,金晓玲,胡希军(190)

我国环境影响评价制度若干问题的探讨 童 健,李科林,王 平(195)

长株潭城市群低碳绿地建设中 C4 植物的应用初探 朱江江,王晓红(201)

论油茶在南方丘陵区退耕还林工程中的应用 高 超,袁德义,邹 锋(205)

抗菌肽的基因工程研究及应用 崔 奕,王 平,黄赤夫(209)

中南林业科技大学“首届研究生创新论坛”简介 封二

产品展示 封三

CONTENTS

Studies on genetic diversity of 38 provenances of <i>Paulownia fortunei</i> by ISSR marker	LI Fang-dong, YUAN De-yi, MO Wen-juan, <i>et al</i> (1)
Research on classifications of distribution models assessment factors of woody green plants in Guangzhou based on the Rough Set	LI Hao, WANG Wei-wen, YANG Hong-mei, <i>et al</i> (8)
Survey and analysis of biological fire belt construction of Baiyun Mountain Scenic Spot	WANG Zhen-shi, ZHOU Yu-fei, LI Xiao-chuan, <i>et al</i> (12)
Study on the application of landscape ecology in urban forest construction in Changsha	LIU Si-hua, XIAO Ying(16)
Structure characterization and analysis of Chinese fir/Nano-ZnO composite materials	YUAN Guang-ming, GONG Fei-fei, LIU Tian-zhu, <i>et al</i> (20)
Effects of heat treatment on dimension stability of <i>Cyllocodiscus</i> wood	SHI Qiang, BAO Fu-cheng, LU Jian-xiong, <i>et al</i> (24)
Mechanical grading of larch structural dimension lumber	LOU Wan-li, REN Hai-qing, WANG Zhao-hui, <i>et al</i> (29)
An optimal design of energy dissipation structures based on EP gain	CHEN Min, TANG Xiao-di(33)
Members stability design and structural dynamic performance analysis of lattice grid structure with steel tube	REN Sen-zhi, HE Guo-jing(37)
Evaluation of effectiveness of outdoor interactive interpretive media: A case study of barrel media in Gupo Mountain	LUO Fen, LUO Wei-liang(41)
Key technology of characters cartoon intelligence generation system based on network	CHEN Chao-yun(46)
An image encryption scheme based on crisscross mapping of chaos Chebyshev and cellular neural network	YU Mei-lan, YE Qun, ZHANG Si-yang, <i>et al</i> (52)
PID control strategy and application based on fuzzy reasoning	JIANG Chun-gu(57)
Study on railway freight business model based on modern logistics services	CAO Jing, ZHENG Guo-hua(62)
Legislation analysis of safety supervision to genetically modified organisms products in developed countries	YE Sheng-rong(68)
Analysis on the ecological value of resource tax reform	YE Li-na, JIANG Su-hong, CHANG Zhao-hui(72)
Edge effect between <i>Cunninghamia lanceolata</i> forest and broadleaf trees forest, and age-related of <i>Cunninghamia lanceolata</i>	MA Wen-jun, LI Ji-ping, LI Jian-jun, <i>et al</i> (75)
Forest volume estimation model based on partial least square in Pingnan county, Guangxi Zhuang Autonomous Region	HONG Yi-feng, LIN Hui, YAN En-ping, <i>et al</i> (80)
Effects of exogenous hormones on castor bean's vegetative growth and flower bud's differentiation	CHEN Mei, LI Pei-wang, JIANG Li-juan(86)
Study on carbon storage and distribution patterns of <i>Pinus elliptica</i> stand in rocky desertification area in Shaoyang county, Hunan province	LI Qian, DENG Xiang-wen, HUANG Xiao-jian, <i>et al</i> (91)
Analysis of forest landscape pattern of Taoyuan county based on GIS	JIANG Qun-xing, LI Ji-ping, YUAN Xiao-hong, <i>et al</i> (97)
Analysis on photosynthesis physiological characteristics of <i>Alnus cremastogone</i> at different stand ages	WEI Shuo-xing, WEN Shi-zhi, ZHANG Xi, <i>et al</i> (102)
Relativity between <i>Cornus wilsoniana</i> microsporogenesis period and the form of floral organ' and morphologic observation of pollen grain	ZHOU Juan, JIANG Li-juan, LI Chang-zhu, <i>et al</i> (109)
Fragment sequences analysis of mtDNA-16S rRNA gene among 5 geographic populations of <i>Rammeacris kiangsu</i>	JIANG Shi-sheng, HE Yi-yuan, ZHU Dao-hong, <i>et al</i> (115)
Rhizosphere and non-rhizosphere soil properties analysis of <i>Cunninghamia lanceolata</i>	MA Yu-ying, ZHOU De-ming, MEI Jie(120)
Studies on fermentation conditions for penicillin G acylase production with a recombinant <i>Bacillus megaterium</i> system	FAN Chao, LI Ji-lie, WU Hao, <i>et al</i> (124)
Diatom modified by PAM and applied to adsorb Cd ²⁺ in the simulated sewage	YANG Wen, WANG Ping, WANG Tao-yuan, <i>et al</i> (130)
All-male unit's spatial structure and its function of a moving troop in <i>Rhinopithecus bieti</i>	GUO Cheng, XIANG Zuo-fu, REN Bao-ping, <i>et al</i> (136)
Fixing effects of Pb, Cd, Zn in heavy metals polluted soil of mining area by two modifying agents	LU Gao-ming, CHEN Bing-rui, XU Chao, <i>et al</i> (140)
Establishment and optimization of high-frequency regeneration system for <i>Oenanthe javanica</i>	LI Hai-zhou, WANG Ping, WANG Hai-bin, <i>et al</i> (145)
Papermaking sludge production of ethanol from paper mill sludge via two micro-organisms synchronous saccharification co-fermentation	WANG Ming-sheng, HE Gang, CHEN Jie-nan(151)
Application of conversion from vector data to grid data in changes of volume	HU Kai, SHI Jun-nan(156)
Pilot process of furfural produced with mixed corn cob and rice husk	ZHANG Ye, WANG Ping, YU Bo, <i>et al</i> (160)
Forest data generalization based on proximity	ZHAO Chun-yan, LI Ji-ping, YUAN Xiao-hong, <i>et al</i> (165)
Construction of cold-inducible normalized full-length cDNA library of <i>Ceratoides lanata</i>	MING Fu-huan, ZHANG Dang-quan, SONG Zhi-dan, <i>et al</i> (169)
Research on robot machine vision based on object protection	LI Xin, LI Li-jun, YI Chun-feng(174)
An exploratory study of stem in vitro culture of <i>Magnolia tibialis</i>	SONG Rong, MA Ying-zi, ZHANG Hui, <i>et al</i> (179)
Present situation and development of adsorption of diatomite for heavy metal ions	ZHU Jian, WANG Ping, LUO Wen-lian, <i>et al</i> (183)
Development of the habitat network planning in Germany and its enlightenment	HE Wen-jie, JIN Xiao-ling, HU Xi-jun(190)
Approaches on several problems of China's environmental impact assessment system	TONG Jian, LI Ke-lin, WANG Ping(195)
Application of C4 plants in the CZT urban agglomeration construction of low carbon greenbelt	ZHU Jiang-jiang, WANG Xiao-hong(201)
On application of <i>Camellia oleifera</i> in conversion of cropland to forest project in hilly area of southern China	GAO Chao, YUAN De-yi, ZOU Feng(205)
Antibacterial peptide and application of genetic engineering	CUI Yi, WANG Ping, HUANG Chi-fu(209)