

目次

基于分层的典型中亚热带天然阔叶林林木竞争关系研究	马志波, 黄清麟, 庄崇洋, 等(1)
吉林蛟河针阔混交林主要树种树高 - 胸径模型	张鹏, 何怀江, 范春雨, 等(11)
杨树 <i>PIF</i> 基因家族成员表达模式研究	徐向东, 任逸秋, 张利, 等(19)
林龄对思茅松人工林根系生物量的影响	李帅锋, 贾呈鑫卓, 杨利华, 等(26)
杨树 <i>PtRR1</i> 基因的组织特异性表达模式分析	章晶晶, 郭英华, 赵树堂, 等(34)
不同油茶物种及品种果实中甘油三酯成分分析	田潇潇, 方学智, 孙汉洲, 等(41)
木本植物叶片热值测试和分析	陶骏骏, 王海晖, 姚奉奇, 等(48)
基于无人机图像的戈壁表面砾石特征变化研究	穆悦, 冯益明, 高翔, 等(55)
基于机载高光谱的思茅松林光谱特征及其影响因子分析	吴楠, 李增元, 廖声熙, 等(63)
晋西黄土区三种林地土壤养分随林分生长的变化	董秀群, 王百田, 武中鹏, 等(69)
尾叶桉 × 细叶桉木材密度与生长的联合选择	陈升侃, 周长品, 翁启杰, 等(77)
海南霸王岭陆均松天然更新土壤种子库研究	吴春燕, 许洋瑜, 陈永富, 等(83)
灰木莲花期物候观测及生殖构件分布	潘丽琴, 郝建, 徐建民, 等(92)
铁皮石斛 <i>phytoeyanin</i> 基因家族全基因组分析	宋争, 李潞滨, 梁立雄, 等(98)
模拟外源性氮磷对马占相思凋落叶分解及土壤生化特性的影响	余汉基, 蔡金桓, 薛立, 等(107)
外源保幼激素类似物对白蜡虫泌蜡和发育的影响	刘妮, 陆沁, 张金稳, 等(114)
巨龙竹秆形发育过程实时荧光定量 PCR 内参基因的筛选	郭晓娟, 陈凌娜, 杨汉奇(120)
油松毛虫产卵、取食偏嗜行为及油松针叶内含物测定	侯世星, 王鸿斌, 李国宏, 等(126)
β -氨基丁酸对 NaHCO_3 胁迫下杜鹃光合特性和抗氧化系统的影响	徐倩, 李华雄, 鲜小林, 等(133)
油茶不同品种抗炭疽病与相关酶活性关系的研究	常明山, 邓艳, 廖旺姣, 等(141)
北京市 3 种道路防护林春季滞尘规律研究	马远, 贾雨龙, 王成, 等(147)
毛竹林下苦参和决明幼苗光合作用光响应模型比较	高平珍, 陈双林, 郭子武, 等(156)
广西大青山西南桦人工林土壤养分特征及其与立地生产力的关系	唐诚, 王春胜, 庞圣江, 等(164)
鼠茅草间作对油茶林地土壤养分及酶活性的影响	丁怡飞, 曹永庆, 姚小华, 等(170)
LED 光质对油茶苗生长和光合特性的影响	龚洪恩, 丁怡飞, 姚小华, 等(176)

Contents

- Competition Relationship in Typical Natural Broad-Leaved Forest Community of Mid-subtropical Zone: Based on Arbor-layer Stratification MA Zhi-bo, HUANG Qing-lin¹, ZHUANG Chong-yang, *et al.* (1)
- Height-Diameter Models of Main Tree Species in Broadleaf-Conifer Mixed Forest in Jiaohe, Jilin, China ZHANG Peng, HE Huai-jiang, FAN Chun-yu, *et al.* (11)
- Analysis of Expression Pattern of *PIF* Family Members in *Populus* XU Xiang-dong, REN Yi-qiu, ZHANG Li, *et al.* (19)
- Effect of Stand Age on Root Biomass in *Pinus kesiya* var. *langbianensis* Plantation LI Shuai-feng, JIA Cheng-xinzhuo, YANG Li-hua, *et al.* (26)
- Analysis of Tissue-specific Expression of Poplar *PtRRI* Gene ZHANG Jing-jing, GUO Ying-hua, ZHAO Shu-tang, *et al.* (34)
- Analysis of Triacylglycerols in Different Oil-tea *Camellia* Cones TIAN Xiao-xiao, FANG Xue-zhi, SUN Han-zhou, *et al.* (41)
- Heating Value of Woody Plant Foliage and Its Correlations with the Property Parameters TAO Jun-jun, WANG Hai-hui, YAO Feng-qi, *et al.* (48)
- Spatial Distribution of Gravel Characteristics on Gobi Desert Surface Based on Image Acquired by Unmanned Aerial Vehicle MU Yue, FENG Yi-ming, GAO Xiang, *et al.* (55)
- Spectral Characteristics and Influencing Factors of *Pinus kesiya* var. *langbianensis* Based on Airborne Hyperspectral Technique WU Nan, LI Zeng-yuan, LIAO Sheng-xi, *et al.* (63)
- Changes of Soil Nutrients with Stands Growth of Three Kinds of Forestlands in Loess Area of Western Shanxi DONG Xiu-qun, WANG Bai-tian, WU Zhong-peng, *et al.* (69)
- Combined Selection of Wood Density and Growth in *Eucalyptus urophylla* × *E. tereticornis* Hybrids CHEN Sheng-kan, ZHOU Chang-pin, WENG Qi-jie, *et al.* (77)
- Study on Soil Seed Bank of *Dacrydium pierrei* Natural Regeneration in Bawangling, Hainan, China WU Chun-yan, XU Yang-yu, CHEN Yong-fu, *et al.* (83)
- Flowering Phenology and Reproductive Modules Distribution of *Manglietia glanca* Blume PAN Li-qin, HAO Jian, XU Jian-min, *et al.* (92)
- Genome-wide Analysis of *Phytoeyanin* Gene Family in *Dendrobium officinale* SONG Zheng, LI Lu-bin, LIANG Li-xiong, *et al.* (98)
- Effects of Nitrogen and Phosphorus Additions on Leaf Litter Decomposition and Soil Biochemical Characteristics in an *Acacia mangium* Plantation SHE Han-ji, CAI Jin-huan, XUE Li, *et al.* (107)
- Impact of Exogenous Juvenile Hormone Analogue on Wax Excretion and Development of Chinese White Wax Scale (*Ericerus pela* Chavannes) LIU Ni, LU Qin, ZHANG Jin-wen, *et al.* (114)
- Reference Gene Selection for Quantitative Real-Time PCR in Studying Culm Shape Development of *Dendrocalamus sinicus* GUO Xiao-juan, CHEN Ling-na, YANG Han-qi (120)
- Feeding and Oviposition Preferences of Pine Caterpillar and Inclusions of Chinese Pine Needles HOU Shi-xing, WANG Hong-bin, LI Guo-hong, *et al.* (126)
- Effects of BABA on Photosynthetic Characteristics and Antioxidative System in *Rhododendron* under NaHCO₃ Stress XU Qian, LI Hua-xiong, XIAN Xiao-lin, *et al.* (133)
- Study on the Relationship Between Enzyme Activity and Disease Resistance of Different *Camellia oleifera* Varieties to *Colletotrichum gloeosporioides* Penz CHANG Ming-shan, DENG Yan, LIAO Wang-jiao, *et al.* (141)
- Dust-retention Effect of 3 Road Protection Forests in Spring in Beijing MA Yuan, JIA Yu-long, WANG Cheng, *et al.* (147)
- Comparison of Photosynthetic Light Response Models of *Sophora flavescens* and *Catsia tora* under *Phyllostachys edulis* Seedlings GAO Ping-zhen, CHEN Shuang-lin, GUO Zi-wu, *et al.* (156)
- Assessing Soil Nutrient Status and Its Relationship with Site Productivity of *Betula alnoides* Plantations in Daqingshan Mountains, Guangxi TANG Cheng, WANG Chun-sheng, PANG Sheng-jiang, *et al.* (164)
- Effects of Intercropping with *Vulpia myuros* on Soil Nutrients and Enzyme Activity of *Camellia oleifera* Forest DING Yi-fei, CAO Yong-qing, YAO Xiao-hua, *et al.* (170)
- Effects of Light Qualities on Growth and Photosynthetic Characteristics of *Camellia oleifera* Cutting Stocks GONG Hong-en, DING Yi-fei, YAO Xiao-hua, *et al.* (176)