

## 目 次

燕山北部山区板栗优良种质资源收集及其品质评价.....	杜常健,孙佳成,武妍妍,等(1)
超积累型东南景天 <i>Sa12F279</i> 基因的抗逆表达响应及功能关联分析 .....	冯童禹,乔桂荣,蒋晶,等(12)
基于 SSR 标记的油橄榄主要栽培品种子代父本分析 .....	邵文豪,王兆山,张建国(22)
笔竹开花生物学特性研究.....	赵婉琪,吴正春,肖姣,等(31)
晋西黄土区油松林分结构与水土保持功能的多因子复合关系.....	魏曦,梁文俊,毕华兴,等(39)
中国西南几种松树球果鳞片松脂含量对球果延迟开放的影响.....	王兵,施国彬,李昭华,等(48)
计划火烧对区域森林燃烧性的影响.....	宗学政,田晓瑞,田恒,等(54)
<i>AtMET1</i> 基因在 84K 杨中的遗传转化及诱导表达分析 .....	吴晓娟,鲁俊倩,常英英,等(63)
氮素施肥对西南桦无性系早期生长的影响.....	陈琳,曾冀,庞圣江,等(70)
林下植被不同管理措施培育杉木大径材林分土壤酶活性差异及质量评价.....	曹光球,费裕翀,路锦,等(76)
基于时间去相关的三阶段森林高度估计方法.....	黎晓,李增元,陈尔学,等(85)
基于 Cox 比例风险函数及混合效应的落叶松云冷杉混交林林木枯损模型研究 .....	李春明(92)
基于模拟退火算法的林分多目标经营动态可视化模拟.....	沈康,杨廷栋,张怀清,等(99)
杉阔异龄复层林对土壤团聚体稳定性和有机碳及养分储量的影响.....	徐海东,苑海静,熊静,等(107)
细叶石斛和翅梗石斛花朵赋香成分的 GC-MS 分析 .....	王元成,曾芸芸,李振坚,等(116)
模拟氮沉降对华西雨屏区天然常绿阔叶林凋落叶分解过程中 K、Ca、Mg 元素释放的影响 .....	胡峻嶒,陈蕙心,周世兴,等(124)
小叶杨与欧洲黑杨杂交子代苗期叶形变异分析.....	王长海,张晓艳,李金花(132)
酸碱度和松树基质对杀线菌 <i>Esteya vermicola</i> 菌丝体生长的影响 .....	王瑞珍,温韦华,刘淳洋,等(139)
野生 <i>Paxillus ammoniavirescens</i> 菌的分子鉴定及生物学特性研究 .....	杜萍,涂慧,蒋佳颖,等(146)
微生物改良对太行山干瘠山地沙地柏生长的影响.....	王玥,裴顺祥,辛学兵,等(156)
综述	
红树林顶级杀手——有孔团水虱的研究进展 .....	刘文爱,薛云红,王广军,等(164)
松材线虫病变色松树遥感监测研究进展.....	陶欢,李存军,程成,等(172)
研究简报	
氮添加对混栽杉木-楠木叶性状的影响 .....	徐思瑜,陈圣贤,陈雨清,等(184)

## Contents

Collection and Quality Evaluation of Elite Chestnut Germplasm Resources in Northern Yanshan Mountains	DU Chang-jian, SUN Jia-cheng, WU Yan-yan, <i>et al</i> (11)
Characterization of Expression Patterns of <i>Sa12F279</i> from <i>Sedum alfredii</i> under Abiotic Stress and Its Functional Interaction Analysis	FENG Tong-yu, QIAO Gui-rong, JIANG Jing, <i>et al</i> (21)
Paternity Analysis of Main Olive Cultivars Progenies Based on SSR Markers	SHAO Wen-hao, WANG Zhao-shan, ZHANG Jian-guo(30)
Flowering Biological Characteristics of <i>Pseudosasa viridula</i>	ZHAO Wan-qi, WU Zheng-chun, XIAO Jiao, <i>et al</i> (38)
Multifactor Relationships between Stand Structure and Soil and Water Conservation Function of <i>Pinus tabulaeformis</i> Plantations in the Loess Plateau of Western Shanxi	WEI Xi, LIANG Wen-jun, BI Hua-xing, <i>et al</i> (47)
Effect of Resin Content in Cone Scales on Cone Serotiny in Pines in Southwest China	WANG Bing, SHI Guo-shan, LI Zhao-hua, <i>et al</i> (53)
Influences of Prescribed Burning on Regional Forest Burning Probability	ZONG Xue-zheng, TIAN Xiao-rui, TIAN Heng, <i>et al</i> (62)
Expression Analysis	WU Xiao-juan, LU Jun-qian, CHANG Ying-ying, <i>et al</i> (69)
Genetic Transformation of <i>AtMET1</i> in <i>Populus alba</i> × <i>P. glandulos</i> d84K' and Its Chemical-inducible Expression Analysis	CHEN Lin, ZENG Ji, PANG Sheng-jiang, <i>et al</i> (75)
Effects of Nitrogen Fertilization on Early Growth of <i>Betula alnoides</i> Clones	CHEN Lin, ZENG Ji, PANG Sheng-jiang, <i>et al</i> (75)
The Differences of Soil Enzyme Activity and Quality Evaluation of <i>Cunninghamia lanceolata</i> Large-diameter Industrial Plantation under Different Understory Vegetation Management Measures	CAO Guang-qiu, FEI Yu-chong, LU Jin, <i>et al</i> (84)
Three-stage Tree Height Inversion Algorithm with Compensation for Temporal Decorrelation	LI Xiao, LI Zeng-yuan, CHEN Er-xue, <i>et al</i> (91)
Mortality Model of <i>Larix olgensis</i> - <i>Abies nephrolepis</i> - <i>Picea japoensis</i> Mixed Stands Based on Cox Proportional Hazard Function and Mixed Effect Model	LI Chun-ming(98)
Dynamic Visual Simulation of Stand Multi-objective Management Based on Simulated Annealing Algorithm	SHEN Kang, YANG Ting-dong, ZHANG Huai-qing, <i>et al</i> (106)
Effects of Uneven-aged <i>Cunninghamia lanceolata</i> and Evergreen Broadleaved Mixed Plantations on Soil Aggregate Stability and Soil Organic Carbon and Nutrients Stocks	XU Hai-dong, YUAN Hai-jing, XIONG Jing, <i>et al</i> (115)
Aroma Constituents in Flower of <i>Dendrobium hancockii</i> and <i>D. trigonopus</i> Based on SPME-GC-MS Analysis	WANG Yuan-cheng, ZENG Yi-yun, LI Zhen-jian, <i>et al</i> (123)
Effects of Simulated Nitrogen Deposition on the Releases of Potassium, Calcium, and Magnesium During Litter Decomposition in a Natural Evergreen Broadleaved Forest in the Rainy Area of Western China	HU Jun-xi, CHEN Hui-xin, ZHOU Shi-xing, <i>et al</i> (131)
Leaf Morphological Variation on Progeny of <i>Populus simonii</i> × <i>Populus nigra</i>	WANG Chang-hai, ZHANG Xiao-yan, LI Jin-hua(138)
Effects of pH Value and Pine Substrate on Growth of <i>Esteya vermicola</i> Mycelia	WANG Rui-zhen, WEN Wei-hua, LIU Bo-yang, <i>et al</i> (145)
Molecular Identification and Biological Characteristics of Wild <i>Paxillus ammoniavirescens</i> Strain	DU Ping, TU Hui, JIANG Jia-ying, <i>et al</i> (155)
Effects of Microhabitat Improvement on the Growth of <i>Sabina vulgaris</i> in the Arid and Barren Mountainous Area of Taihang Mountains	WANG Yue, PEI Shun-xiang, XIN Xue-bing, <i>et al</i> (163)
<b>Reviews</b>	
A Top Killer of Mangroves – Research Progress of <i>Sphaeroma terebrans</i>	LIU Wen-ai, XUE Yun-hong, WANG Guang-jun, <i>et al</i> (171)
Progress in Remote Sensing Monitoring for Pine Wilt Disease Induced Tree Mortality: A Review	TAO Huan, LI Cun-jun, CHENG Cheng, <i>et al</i> (183)
<b>Scientific Notes</b>	
Effects of Nitrogen Addition on Leaf Traits of <i>Cunninghamia lanceolata</i> and <i>Phoebe chekiangensis</i> Mixed Plantation	XU Si-yu, CHEN Sheng-xian, CHEN Yu-qing, <i>et al</i> (192)