

2016 年文献

- [1] 刘冰燕,陈云明,曹 扬.渭北黄土区刺槐人工林氮、磷生态化学计量特征 [J].西北林学院学报, 2016,31(1):1-6.
LIU B Y,CHEN Y M,CAO Y. Nitrogen and Phosphorus Stoichiometry Characteristics of *Robinia pseudoacacia* Plantation in Weibei Loess Plateau Region [J]. Journal of Northwest Forestry University, 2016,31(1):1-6.
- [2] 沈志强,卢 杰,华 敏,等.西藏色季拉山暗针叶林 5 个主要植物种群点格局分析 [J].西北林学院学报, 2016,31(1):7-14.
SHEN Z Q,LU J,HUA M,et al. Point Pattern Analysis of Five Main Plant Populations of Dark Coniferous Forest in the Sejila Mountains,Tibet,China [J]. Journal of Northwest Forestry University, 2016,31(1):7-14.
- [3] 高君亮,罗凤敏,赵英铭,等.乌兰布和沙漠绿洲 3 种杨树比叶面积和叶干物质含量研究 [J].西北林学院学报, 2016,31(1):15-20.
GAO J L,LUO F M,ZHAO Y M,et al. Specific Leaf Area and Leaf Dry Matter Content of Three Kinds of Poplar in Ulan Buh Desert Oasis [J]. Journal of Northwest Forestry University, 2016,31(1):15-20.
- [4] 毛世忠,赵 博,蒋小华,等.林下不同光照条件对走马胎苗木生长及光合特性的影响 [J].西北林学院学报, 2016,31(1):21-24.
MAO S Z,ZHAO B,JIANG X H,et al. Influences of Illumination on the Seedling Growth and Photosynthetic Characteristics of Understory *Ardisia gigantifolia* [J]. Journal of Northwest Forestry University, 2016,31(1):21-24.
- [5] 房 靓,韩 炜,宫江平,等.新疆引种竹柳(*Salix fragilis*)最佳灌水量研究 [J].西北林学院学报, 2016,31(1):25-30.
FANG L,HAN W,GONG J P,et al. Optimal Quantity of Groundwater Irrigation of *Salix fragilis* Introduced to Northern Xinjiang [J]. Journal of Northwest Forestry University, 2016,31(1):25-30.
- [6] 郝丽红,宋焕芝,于晓南.6 个芍药品种的光合生理特性及耐阴性分析 [J].西北林学院学报, 2016,31(1):31-35.
HAO L H,SONG H Z,YU X N. Photosynthetic and Physiological Characteristics and Shade Tolerance of Six Peony Cultivars [J]. Journal of Northwest Forestry University, 2016,31(1):31-35.
- [7] 杨 斌,张文辉.竹柳对 Pb²⁺胁迫的响应及其 Pb 富集能力 [J].西北林学院学报, 2016,31(1):36-41.
YANG B,ZHANG W H. Responses of *Salix matsudana* Koidz cv.zhiliu to Pb²⁺ Stress and Its Accumulation Ability [J]. Journal of Northwest Forestry University, 2016,31(1):36-41.
- [8] 车文玉,商侃侃,王妍婷,等.上海不同发育阶段香樟人工林凋落物及其养分动态 [J].西北林学院学报, 2016,31(1):42-47.
CHE W Y,SHANG K K,WANG Y T,et al. Dynamics of Litter and Its Nutrients at Different Ages of *Cinnamomum camphora* Plantations in Shanghai [J]. Journal of Northwest Forestry University, 2016,31(1):42-47.
- [9] 李明军,杜明凤,喻理飞.贵州省森林植被碳储量、碳密度及其分布 [J].西北林学院学报, 2016,31(1):48-54.
LI M J,DU M F,YU L F. Carbon Storage and Density of Forest Vegetation and Its Spatial Distribution Pattern in Guizhou Province [J]. Journal of Northwest Forestry University, 2016,31(1):48-54.
- [10] 曹小玉,李际平,胡园杰.福寿林场杉木林土壤微量元素的储量研究 [J].西北林学院学报, 2016,31(1):55-59.
CAO X Y,LI J P,HU Y J. Storage of Soil Microelements of *Cunninghamia lanceolata* in Fushou Forest Farm [J]. Journal of Northwest Forestry University, 2016,31(1):55-59.
- [11] 邓 拓,张金龙,冯纪年,等.壳聚糖对低温胁迫下核桃抗冻反应的激发作用 [J].西北林学院学报, 2016,31(1):60-64.
DENG T,ZHANG J L,FENG J N,et al. Elicitation Effect of Chitosan on Cold Tolerance of Walnut Tree Under Cold Stress [J]. Journal of Northwest Forestry University, 2016,31(1):60-64.
- [12] 冷寒冰,叶 康,秦 俊,等.遮阴对 2 种地被竹光合特性的影响 [J].西北林学院学报, 2016,31(1):65-70.
LENG H B,YE K,QIN J,et al. Effects of Shading on Photosynthetic Characteristics of Two Dwarf Bamboo Species[J]. Journal of Northwest Forestry University, 2016,31(1):65-70.
- [13] 魏清华.水杨酸处理木槿种子后幼苗的抗逆生理效应研究 [J].西北林学院学报, 2016,31(1):71-75.
WEI Q H. Physiological Characteristics of Anti-adversity of *Hibiscus syriacus* Seedlings from Salicylic Acid Treated Seeds[J]. Journal of Northwest Forestry University, 2016,31(1):71-75.
- [14] 孙丽萍,何 杰,周宏威,等.树木介电常数测量及其对工频电场的影响 [J].西北林学院学报, 2016,31(1):76-80.
SUN L P,HE J,ZHOU H W,et al. Dielectric Constant Measurements of Trees and Their Impact on the Electric Field[J]. Journal of Northwest Forestry University, 2016,31(1):76-80.

- [15] 左政,郑小贤.福建三明栲树种群结构研究 [J].西北林学院学报, 2016,31(1):81-87.
ZUO Z,ZHENG X X. Community Structure of *Castanopsis fargesii* Franch Population in Fujian Province [J]. Journal of Northwest Forestry University, 2016,31(1):81-87.
- [16] 马玉花,冶贵生,马娟,等.柴达木盆地梭梭 P5CS 基因的扩增及序列分析 [J].西北林学院学报, 2016,31(1):88-91.
MA Y H,YE G S,MA J,et al. Amplification and Sequence Analysis of P5CS Gene in *Haloxylon ammodendron* in Qaidam Basin [J]. Journal of Northwest Forestry University, 2016,31(1):88-91.
- [17] 李政龙,孟京辉.基于 Cross-Validation 的福建杉木人工林最优树高曲线模型筛选研究 [J].西北林学院学报, 2016,31(1):92-96.
LI Z L,MENG J H. Selection of Optimal Height-diameter Models for *Cunninghamia lanceolata* in Fujian Province Based on Cross-Validation Analysis [J]. Journal of Northwest Forestry University, 2016,31(1):92-96.
- [18] 党少飞,王占林,张得芳,等.枸杞基因组微卫星特征分析 [J].西北林学院学报, 2016,31(1):97-102.
DANG S F,WANG Z L,ZHANG D F,et al. Characteristic Analysis of Microsatellites of *Lycium barbarum* [J]. Journal of Northwest Forestry University, 2016,31(1):97-102.
- [19] 叶欣,谢云,茹华莎.浙江红山茶花粉萌发与贮藏特性研究 [J].西北林学院学报, 2016,31(1):103-106.
YE X,XIE Y,RU H S. Pollen Germination and Storage of *Camellia chekiangoleosa* [J]. Journal of Northwest Forestry University, 2016,31(1):103-106.
- [20] 魏林源,马全林,张晓娟,等.GA₃ 处理对流动沙丘先锋植物沙米(*Agriophyllum squarrosum*)种子萌发的影响 [J].西北林学院学报, 2016,31(1):107-113.
WEI L Y,MA Q L,ZHANG X J,et al. Effect of GA₃ Treatment on the Germination of *Agriophyllum squarrosum*, A Pioneering Species on the Mobile Sand Dunes [J]. Journal of Northwest Forestry University, 2016,31(1):107-113.
- [21] 朱岩峰,张林涛,梁立民,等.基于竞争态势矩阵的毛乌素沙地西南缘植被恢复树种选择 [J].西北林学院学报, 2016,31(1):114-118.
ZHU Y F,ZHANG L T,LIANG L M,et al. Species Selection for Vegetation Restoration Based on Competition Matrix in Southwest of Mu Us Sandland [J]. Journal of Northwest Forestry University, 2016,31(1):114-118.
- [22] 杨秀平,周玮,李煜,等.杜仲无性系叶片解剖结构及抗旱性评价 [J].西北林学院学报, 2016,31(1):119-125.
YANG X P,ZHOU W,LI Y,et al. Drought Resistance and Leaf Anatomical Structure of *Eucommia ulmoides* Clones [J]. Journal of Northwest Forestry University, 2016,31(1):119-125.
- [23] 何志宇,尹鹏先,程林林,等.东亚唐棣增殖培养条件的优化 [J].西北林学院学报, 2016,31(1):126-129.
HE Z Y,YIN P X,CHEN L L,et al. Optimization on Shoot Proliferation Culture Media of *Amelanchier asiatica* [J]. Journal of Northwest Forestry University, 2016,31(1):126-129.
- [24] 郑道君,潘孝忠,张冬明,等.海南油茶资源调查与分析 [J].西北林学院学报, 2016,31(1):130-135.
ZHENG D J,PAN X Z,ZHANG D M,et al. Survey and Analysis on Tea-oil Camellia Resource in Hainan [J]. Journal of Northwest Forestry University, 2016,31(1):130-135.
- [25] 冯雪,马履一,蔡宝军,等.北京平原百万亩造林工程建设效果评价研究 [J].西北林学院学报, 2016,31(1):136-144.
FENG X,MA L Y,CAI B J,et al. Effectiveness Evaluation Based on The Afforestation Construction in Beijing Plain [J]. Journal of Northwest Forestry University, 2016,31(1):136-144.
- [26] 王琦琦,陈丹丹,唐光辉.核桃举肢蛾线粒体 CO I 和 Cytb 基因片段序列分析 [J].西北林学院学报, 2016,31(1):145-152.
WANG Q Q,CHEN D D,TANG G H. Sequence Analysis of the Fragments of CO I and Cytb Genes from *Atrijuglans hetaohei* [J]. Journal of Northwest Forestry University, 2016,31(1):145-152.
- [27] 岳子石,宋晓斌,王方,等.3 种抗性诱导剂诱导枣树抗缩果病的研究 [J].西北林学院学报, 2016,31(1):153-157.
YUE Z S,SONG X B,WANG F,et al. Induction of Systemic Resistance against Jujube Fruit Shrinking Disease with Three Resistant Inducers [J]. Journal of Northwest Forestry University, 2016,31(1):153-157.
- [28] 解国磊,丁新景,马风云,等.鲁中山区主要森林类型易燃可燃物垂直分布及其燃烧性 [J].西北林学院学报, 2016,31(1):158-163.
XIE G L,DING X J,MA F Y,et al. Vertical Distribution of the Forest Flammable Fuel Loads and Combustion of the Main Forest Types in Mountainous Area of Shandong [J]. Journal of Northwest Forestry University, 2016,31(1):158-163.

- [29] 李建春,张斌善,党齐域,等.多效抗旱驱鼠剂(RPA)对飞播油松高生物量的影响[J].西北林学院学报, 2016,31(1):164-169.
LI J C,ZHANG B S,DANG Q Y,et al. Effects of RPA on the Height Biomass of *Pinus tabulaeformis* in the Aerial Seeding [J] . Journal of Northwest Forestry University, 2016,31(1):164-169.
- [30] 何晓军,杨兴中,童开林,等.太白山自然保护区大熊猫种群结构与分布[J].西北林学院学报, 2016,31(1):170-175.
HE X J,YANG X Z,TONG K L,et al. Population Structure of Giant Panda in Taibai Mountain [J] . Journal of Northwest Forestry University, 2016,31(1):170-175.
- [31] 袁 坤,杨礼富,陈帮乾,等.海南植胶区橡胶树死皮发生现状分析[J].西北林学院学报, 2016,31(1):176-179.
YUAN K,YANG L F,CHEN B Q,et al. Current Situation of *Hevea brasiliensis* Tapping Panel Drynes Occurring in Hainan [J] . Journal of Northwest Forestry University, 2016,31(1):176-179.
- [32] 侯逸晨,赵鹏祥,杨伟志,等.基于SVM的资源三号影像林地分类及精度评价研究[J].西北林学院学报, 2016,31(1):180-185.
HOU Y C,ZHAO P X,YANG W Z,et al. Forest Classification and Accuracy Assessment in ZY3 Image with SVM Method [J] . Journal of Northwest Forestry University, 2016,31(1):180-185.
- [33] 刘 俊,孟 雪,温小荣,等.基于不同立地质量的森林蓄积量遥感估测[J].西北林学院学报, 2016,31(1):186-191.
LIU J,MENG X,WEN X R,et al. Remote Sensing Estimation of Forest Volume Based on Different Site Qualities[J]. Journal of Northwest Forestry University, 2016,31(1):186-191.
- [34] 曾 晶,张晓丽.福建龙柄山国家级自然保护区森林立地分类研究[J].西北林学院学报, 2016,31(1):192-198.
ZENG J,ZHANG X L. Forest Site Classification in Fujian Longqishan National Nature Reserve [J] . Journal of Northwest Forestry University, 2016,31(1):192-198.
- [35] 王志杰,苏 娇,王志泰.基于GIS的汉江上游文川河流域土壤侵蚀特征研究[J].西北林学院学报, 2016,31(1):199-205.
WANG Z J,SU Y,WANG Z T. Characteristics of Soil Erosion in Wenchuanhe Watershed of Hanjiang River Based on GIS [J] . Journal of Northwest Forestry University, 2016,31(1):199-205.
- [36] 陈金星,岳德鹏,王计平,等.土壤侵蚀GIS计算系统的研建与应用[J].西北林学院学报, 2016,31(1):206-213.
CHEN J X,YUE D P,WANG J P,et al. Development and Application of A GIS Calculating System for Soil Erosion [J] . Journal of Northwest Forestry University, 2016,31(1):206-213.
- [37] 王爱娟,邢艳秋,邱 赛,等.基于窗函数的林区ICESat-GLAS波形数据消噪研究[J].西北林学院学报, 2016,31(1):214-220.
WANG A J,XING Y Q,QIU S,et al. Denoising of Forest ICESat-GLAS Waveform Data Based on Window Function [J] . Journal of Northwest Forestry University, 2016,31(1):214-220.
- [38] 张利利,余济云,李 锐,等.1998-2010年五指山市土地利用景观格局变化分析[J].西北林学院学报, 2016,31(1):221-225.
ZHANG L L,SHE J Y,LI R,et al. Changes of Land Use and Landscape Pattern in Wuzhishan During 1998-2010 [J] . Journal of Northwest Forestry University, 2016,31(1):221-225.
- [39] 邹 勇,尉 芹,郑冀鲁,等.生物油中酚类物质的富集工艺优化研究[J].西北林学院学报, 2016,31(1):226-230.
ZOU Y,WEI Q,ZHENG J L,et al. Optimization of the Technology of Enriching Phenolic Components from Bio-oil [J] . Journal of Northwest Forestry University, 2016,31(1):226-230.
- [40] 吕 迪,王得祥,谢小洋,等.油松释放萜烯类挥发性成分研究[J].西北林学院学报, 2016,31(1):231-237.
LYU D,WANG D X,XIE X Y,et al. Terpene Volatile Components Released from *Pinus tabulaeformis* [J] . Journal of Northwest Forestry University, 2016,31(1):231-237.
- [41] 刘小攀,田启建,田春莲.黄精多糖酶法脱蛋白的工艺研究[J].西北林学院学报, 2016,31(1):238-242.
LIU X P,TIAN Q J,TIAN C L. Deproteinization of *Polygonatum* Polysaccharide [J] . Journal of Northwest Forestry University, 2016,31(1):238-242.
- [42] 王 飞,樊金拴,冯慧英,等.青扦针叶总黄酮超声提取及抗氧化活性[J].西北林学院学报, 2016,31(1):243-249.
WANG F,FAN J S,FENG H Y,et al. Ultrasound Assisted Extraction and Antioxidant Activities of Total Flavonoids in the Needles of *Picea wilsonii* [J] . Journal of Northwest Forestry University, 2016,31(1):243-249.
- [43] 张 凯,尹子郡,张跃进,等.HPLC法测定复方乌骨藤胶囊中三七皂苷R₁、人参皂苷Rg₁和人参皂苷Rb₁的含量[J].西北林学院学报, 2016,31(1):250-253.
ZHANG K,YIN Z J,ZHANG Y J,et al. Measurement of the Contents of Notoginsenoside R₁, Ginsenoside Rg₁ and Ginsenoside Rb₁ in Compound Wuguteng Capsules by HPLC [J] . Journal of Northwest Forestry University, 2016,31(1):250-253.

- [44] 周天山,米晓玲,余有本,等.兰香型茶叶香气组分主成分分析 [J].西北林学院学报, 2016,31(1):254-259.
 ZHOU T S,MI X L,YU Y B,et al. Principal Component Analysis of Aroma Components in Tea with Orchid-like Aroma [J]. Journal of Northwest Forestry University, 2016,31(1):254-259.
- [45] 王 辉,吴志刚,席雪冬,等.新型三聚氰胺-尿素-甲醛树脂制备与研究 (I) ——大豆蛋白水解液改性 MUF [J].西北林学院学报, 2016,31(1):260-264.
 WANG H,WU Z,GXI X D,et al. Synthesis and Study of a New Melamine-urea-formaldehyde Resin (I)——MUF Resin Modified by Degradated Soy-protein [J]. Journal of Northwest Forestry University, 2016,31(1):260-264.
- [46] 王泽坤,龙 涛,夏俊伟,等.火力楠木材涂饰聚氨酯清漆工艺研究 [J].西北林学院学报, 2016,31(1):265-270.
 WANG Z K, LONG T,XIA J W,et al. Coating Process of Polyurethane Varnish for *Michelia macclurei* Timber [J]. Journal of Northwest Forestry University, 2016,31(1):265-270.
- [47] 白 鹭,宋孝周,肖建平,等.桑枝重组方材透明涂饰性能研究 [J].西北林学院学报, 2016,31(1):271-275.
 BAI L,SONG X Z,XIAO J P,et al. Clear Painting Properties of Reconstituted Square Lumber Made from Mulberry Branch [J]. Journal of Northwest Forestry University, 2016,31(1):271-275.
- [48] 赵西平,王 磊,艾培炎,等.洛阳偃师古沉船木材识别及材性分析 [J].西北林学院学报, 2016,31(1):276-279.
 ZHAO X P,WANG L,AI P Y,et al. Wood Identification and Properties of the Unearthed Archeological Ship in Yanshi County of Luoyang [J]. Journal of Northwest Forestry University, 2016,31(1):276-279.
- [49] 关蓓蓓,郑思俊,崔心红,等.崇明岛不同生态用地空气负离子分布规律研究 [J].西北林学院学报, 2016,31(1):280-285.
 GUAN B B,ZHENG S J,CUI X H,et al. Variation of Negative Air Ions in Different Ecological Lands in Chongming Island [J]. Journal of Northwest Forestry University, 2016,31(1):280-285.
- [50] 李新宇,赵松婷,郭 佳,等.基于扫描电镜定量评价植物滞留大气颗粒物能力 [J].西北林学院学报, 2016,31(1):286-291.
 LI X Y,ZHAO S T,GUO J,et al. Evaluation of the Retention Capability of Air Particulates by Common Trees Based on SEM[J]. Journal of Northwest Forestry University, 2016,31(1):286-291.
- [51] 王利鑫,弓 弼,申依宁,等.校园绿地冬季白天小气候效应分析——以西北农林科技大学南校区为例 [J].西北林学院学报, 2016,31(1):292-297.
 WANG L X,GONG B,SHEN Y B,et al. Microclimate Effects of Campus Green Space in Winter Day——A Case Study of the South Campus of Northwest A&F University [J]. Journal of Northwest Forestry University, 2016,31(1):292-297.
- [52] 黄继红,郭仲军,刘永红,等.陕西省宁陕县天然林保护工程生态效益价值评估 [J].西北林学院学报, 2016,31(1):298-303.
 HUANG J H, GUO Z J, LIU Y H, et al. Assessment on Ecological Benefits of Natural Forest Protection Project in Ningshan County, Shaanxi [J]. Journal of Northwest Forestry University, 2016,31(1):298-303.
- [53] 娄会品,高甲荣.京郊琉璃河河岸带土壤生物工程的生态效应 [J].西北林学院学报, 2016,31(1):304-308.
 LOU H P, GAO J R. Ecological Effects of Soil Bioengineering in Beijing Riparian Zone of Liulihe River [J]. Journal of Northwest Forestry University, 2016,31(1):304-308.
- [54] 孟庆旭,张胜利,李 佩,等.秦岭华山松林间伐强度对其水源涵养功能的影响 [J].西北林学院学报, 2016,31(2):1-7.
 MENG Q X,ZHANG S L,LI K,et al. Effect of Thinning Intensity on Water Conservation Capacity of *Pinus armandii* Forest in Qinling Mountains [J]. Journal of Northwest Forestry University, 2016,31(2):1-7.
- [55] 喻阳华,李光容,皮发剑,等.赤水河上游主要树种冠层持水能力 [J].西北林学院学报, 2016,31(2):8-14.
 YU Y H, LI G R, PI F J, et al. Canopy Water Storage Capacity of Major Tree Species in the Upper Reaches of Chishui River [J]. Journal of Northwest Forestry University, 2016,31(2):8-14.
- [56] 郭 健,康永祥,夏国威,等.毛白杨人工林生长季根呼吸特征研究 [J].西北林学院学报, 2016,31(2):15-19.
 GUO J,KANG Y X,XIA G W,et al. Characteristics of Root Respiration in Growing Period of *Populus tomentosa* Plantations [J]. Journal of Northwest Forestry University, 2016,31(2):15-19.
- [57] 孙 鹏,李金航,刘海轩,等.黄栌根系结构与个体健康程度的关系 [J].西北林学院学报, 2016,31(2):20-27.
 SUN P, LI J H, LIU H X, et al. Relationship between Root Structure and Health Level of *Cotinus coggygria* Trees [J]. Journal of Northwest Forestry University, 2016,31(2):20-27.
- [58] 崔秋芳,常海荣,陈家林,等.树冠遮蔽对侧柏生长和叶绿素荧光的影响 [J].西北林学院学报, 2016,31(2):28-32.
 CUI Q F , CHANG H R, CHEN J L, et al. Effect of Crown Shading on the Growth and Chlorophyll Fluorescence Parameters of

- Platycladus orientalis* [J]. Journal of Northwest Forestry University, 2016,31(2):28-32.
- [59] 杨伟志,赵鹏祥,薛大庆,等.基于 Landsat-8 影像的西宁市南北山森林生物量估测模型研究 [J].西北林学院学报, 2016,31(2):33-37.
YANG W Z,ZHAO P X,XUE D Q,et al. Estimation of Forest Biomass Model of North and South Mountains Based on Landsat-8 Remote Sensing Image Data in Xining [J]. Journal of Northwest Forestry University, 2016,31(2):33-37.
- [60] 尹惠妍,李海奎.多水平林木生物量估算方法研究 [J].西北林学院学报, 2016,31(2):38-44.
YIN H Y,LI H K. Estimation Methods of Forest Biomass with Different Levels [J]. Journal of Northwest Forestry University, 2016,31(2):38-44.
- [61] 郭金堂,姜 鹏,郭 凯,等.针阔混交林华北落叶松生物量模型及碳储量研究 [J].西北林学院学报, 2016,31(2):45-48.
GUO J T,JIANG P ,GUO K,et al. Biomass Model and Carbon Storage of *Larix principis-rupprechti* in Typical Theropencedrymion [J]. Journal of Northwest Forestry University, 2016,31(2):45-48.
- [62] 孙海东,刘 备,吴炳孙,等.橡胶树人工林地土壤酸度特征及酸化原因分析 [J].西北林学院学报, 2016,31(2):49-54.
SUN H D,LIU B,WU B S,et al. Characteristics and Causes of Soil Acidification in the Rubber Plantation [J]. Journal of Northwest Forestry University, 2016,31(2):49-54.
- [63] 王经民,王 灿,赵 斌,等.不同林龄枣林土壤水分分布模型 [J].西北林学院学报, 2016,31(2):55-59.
WANG J M,WANG C,ZHAO B,et al. Numerical Distribution Characteristic of Soil Water of Different Aged Jujube Plantations [J]. Journal of Northwest Forestry University, 2016,31(2):55-59.
- [64] 卢炜丽,张洪江,陈奇伯,等.重庆四面山杉木林群落乔木层优势种群生态位特征研究 [J].西北林学院学报, 2016,31(2):60-65.
LU W L,ZHANG H J,CHEN Q B,et al. Niche Characteristics of the Tree-layer Dominant Populations of *Cunninghamia lanceolata* Forest in Chongqing Simian Mountains [J]. Journal of Northwest Forestry University, 2016,31(2):60-65.
- [65] 刘 轩,岳德鹏,马梦超.基于变异系数法的北京市山区小流域生态环境质量评价 [J].西北林学院学报, 2016,31(2):66-71.
LIU X,YUE D P,MA M C,et al. Small Watershed Eco-environmental Quality Appraisal of Beijing Mountain Area Based on Coefficient Variation [J]. Journal of Northwest Forestry University, 2016,31(2):66-71.
- [66] 孔玉华,王怡博,赵佳宝,等.侧柏、山毛桃单栽及侧柏-山毛桃混栽幼苗根际土壤环境特征 [J].西北林学院学报, 2016,31(2):72-76.
KONG Y H,WANG Y B,ZHAO J B,et al. Rhizospheric Soil Environmental Characteristics under Pure and Mixed Plantations of *Platycladus orientalis* and *Prunus davidiana* Seedlings [J]. Journal of Northwest Forestry University, 2016,31(2):72-76.
- [67] 张晓娟,吴志祥,杨 川,等.海南岛橡胶林能量平衡研究 [J].西北林学院学报, 2016,31(2):77-85.
ZHANG X J,WU Z X,YANG C,et al. Energy Balance Research of the Rubber Plantation in Hainan Island [J]. Journal of Northwest Forestry University, 2016,31(2):77-85.
- [68] 巴合提牙尔·克热木,郭 靖,徐业勇,等.南疆地区 2 个引种大樱桃品种光合特性对比研究 [J].西北林学院学报, 2016,31(2):86-91.
Bahetiyaer · keremu, GUO J,XU Y Y,et al. Comparative Studies on Photosynthetic Characteristics of Two Cherry Cultivars in Southern Xinjiang [J]. Journal of Northwest Forestry University, 2016,31(2):86-91.
- [69] 高贵宾,钟 浩,吴志庄,等.不同覆盖栽培年限雷竹林光合生理研究 [J].西北林学院学报, 2016,31(2):92-97.
GAO G B,ZHONG H,WU Z Z,et al. Photosynthetic Physiology of *Phyllostachys praecox* cv.*prevernalis* in Different Mulching Cultivation Periods [J]. Journal of Northwest Forestry University, 2016,31(2):92-97.
- [70] 吴春燕,何彤慧,夏贵菊,等.银川平原湿地芦苇群落的密度效应研究 [J].西北林学院学报, 2016,31(2):98-102.
WU C Y,HE T H,XIA G J,et al. Density Effects of *Phragmites communis* on Wetlands in Yinchuan Plain [J]. Journal of Northwest Forestry University, 2016,31(2):98-102.
- [71] 刘 洁,石青松,沈守云,等.岳麓山枫香风景林碳汇效应研究 [J].西北林学院学报, 2016,31(2):103-108.
LIU J,SHI Q S,SHEN S Y,et al. Carbon Sink Effect of *Liquidambar formosana* in Yuelu Mountain [J]. Journal of Northwest Forestry University, 2016,31(2):103-108.
- [72] 张顺祥,刘金良,赵 忠.基于多元统计分析的永寿县刺槐人工林健康评价研究 [J].西北林学院学报, 2016,31(2):109-114.
ZHANG S X,LIU J L,ZHAO Z. Health Assessment on Black Locust Plantations in Yongshou County Based on Multivariate

- Statistical Analysis [J]. Journal of Northwest Forestry University, 2016,31(2):109-114.
- [73] 马玉花,治贵生,冯志鹏.柴达木盆地梭梭 CMO 基因的克隆及其蛋白结构预测 [J].西北林学院学报, 2016,31(2):115-119.
MA Y H,YE G S,FENG Z P. Gene Analysis,Protein Prediction of CMO of *Haloxylon ammodendron* in Qaidam Basin [J]. Journal of Northwest Forestry University, 2016,31(2):115-119.
- [74] 朱雅娟,贾志清,薛海霞.高寒沙地 2 种锦鸡儿的根系分布 [J].西北林学院学报, 2016,31(2):120-125.
ZHU Y J,JIA Z Q,XUE H X. Root Distribution of Two Species of *Caragana* in Alpine Sandy Land [J]. Journal of Northwest Forestry University, 2016,31(2):120-125.
- [75] 张 培,郭俊杰,谌红辉,等.西南桦 24 个无性系的幼苗叶绿素荧光特性 [J].西北林学院学报, 2016,31(2):126-129.
ZHANG P,GUO J J,CHEH H H,et al. Chlorophyll Fluorescent Characteristics of Twenty-four *Betula alnoides* Clones [J]. Journal of Northwest Forestry University, 2016,31(2):126-129.
- [76] 曹佳乐,延 娜,樊军锋,等.4 个白杨派新无性系抗寒性鉴定和综合评价 [J].西北林学院学报, 2016,31(2):130-134.
CAO J L,YAN N,FAN J F,et al. Determination and Comprehensive Evaluation on Cold-tolerance of Four New *Populus* Clones [J]. Journal of Northwest Forestry University, 2016,31(2):130-134.
- [77] 郝 建,莫慧华,麻 静,等.西南桦与红椎混交造林模式评价 [J].西北林学院学报, 2016,31(2):135-139.
HAO J,MO H H,MA J. Evaluation of Mixed Plantation Regimes of *Betula alnoides* and *Castanopsis hystrix* [J]. Journal of Northwest Forestry University, 2016,31(2):135-139.
- [78] 吕 宁,张斌善,王培新,等.汉中 RPA 拌种飞播油松高生长与降水关系分析 [J].西北林学院学报, 2016,31(2):140-148.
LYU N,ZHANG B S,WANG P X,et al. Relationship between Precipitation and Height Growth of *Pinus tabulaeformis* by Using RPA Dressing Seeds after Aerial Seeding in Hanzhong [J]. Journal of Northwest Forestry University, 2016,31(2):140-148.
- [79] 李少华,王学全,包岩峰,等.高寒沙区绿洲边缘典型人工灌木林开发利用 [J].西北林学院学报, 2016,31(2):149-153.
LI S H,WANG X Q,BAO Y F,et al. On Utilization of Typical Shrub Plantations in the Oasis Border of Alpine Sandy Area [J]. Journal of Northwest Forestry University, 2016,31(2):149-153.
- [80] 窦晓静,韩 炜,武胜利,等.干旱区引种竹柳(*Salix fragilis*)适宜的灌溉咸水矿化度研究 [J].西北林学院学报, 2016,31(2):154-159.
DOU X J,HAN W,WU S L,et al. Suitable Saline Water Irrigated on Introduced *Salix fragilis* in Arid Area of Northwest China [J]. Journal of Northwest Forestry University, 2016,31(2):154-159.
- [81] 唐豆豆,李厚华,张延龙,等.‘凤丹’牡丹组织培养研究 [J].西北林学院学报, 2016,31(2):160-166.
TANG D D,LI H H,ZHANG Y L,et al. Studies on Tissue Culture of *Paeonia ostii* ‘Feng Dan’ [J]. Journal of Northwest Forestry University, 2016,31(2):160-166.
- [82] 张 锐,李庆卫.北京凤凰岭岩生植物优势种群种间关系 [J].西北林学院学报, 2016,31(2):167-174.
ZHANG R,LI Q W. Interspecific Relationship among Dominant Rock Plant Species in Beijing Phoenix Hill [J]. Journal of Northwest Forestry University, 2016,31(2):167-174.
- [83] 芦建国,张振玲.刻叶紫堇种子休眠特性及解除方法研究 [J].西北林学院学报, 2016,31(2):175-180.
LU J G,ZHANG Z L. Study on Seed Dormancy Characteristics and Remove Methods of *Corydalis incisa* [J]. Journal of Northwest Forestry University, 2016,31(2):175-180.
- [84] 周智敏,韩崇选.草兔卵透明带蛋白 2 的克隆与原核表达 [J].西北林学院学报, 2016,31(2):181-187.
ZHOU Z M,HAN C X. Gene Cloning and Prokaryotic Expression of *Lepus Capensis* Zona Pellucida Protein 2 [J]. Journal of Northwest Forestry University, 2016,31(2):181-187.
- [85] 李 珍,吕平会,杜双田,等.植物生长调节剂对灰树花 QY-01 菌丝生长的影响 [J].西北林学院学报, 2016,31(2):188-194.
LI Z,LYU P H,DU S T,et al. Effect of Different Types of Plant Growth Regulators on the Hypha Growth of *Grifola frondosa* [J]. Journal of Northwest Forestry University, 2016,31(2):188-194.
- [86] 刘冬明,袁德义,邹 锋,等.3 种锥栗外生菌根真菌培养条件的单因素优化 [J].西北林学院学报, 2016,31(2):195-200.
LIU D M,YUAN D Y,ZOU F,et al. Optimization of Culture Conditions for 3 *Castanea henryi* Ectomycorrhizal fungi [J]. Journal of Northwest Forestry University, 2016,31(2):195-200.
- [87] 汪 晶,李 杰,郑小贤.福建将乐林场栲类次生林干扰评价研究 [J].西北林学院学报, 2016,31(2):201-206.
WANG J,LI J,ZHENG X X. Disturbance Assessment on the *Castanopsis* Secondary Forest in Jiangle Forest Farm [J]. Journal

- of Northwest Forestry University, 2016,31(2):201-206.
- [88] 周亚爽,刘琪璟,陶立超,等.满归林区森林碳储量及其变化研究 [J].西北林学院学报, 2016,31(2):207-212.
ZHOU Y S,LIU Q J,TAO L C,et al. Forest Carbon Storage and Its Dynamics in Mangui Forestry Region [J]. Journal of Northwest Forestry University, 2016,31(2):207-212.
- [89] 刘杰,李卫正,张青萍,等.基于小型 UAV 的森林公园正射影像制图分析——以上海滨江森林公园为例 [J].西北林学院学报, 2016,31(2):213-218.
LIU J,LI W Z,ZHANG Q P,et al. DOM Mapping Analysis of Forest Park Based on UAV——A Case Study of Shanghai Riverside Forest Park [J]. Journal of Northwest Forestry University, 2016,31(2):213-218.
- [90] 吴小平,岳德鹏,陈金星,等.RD 1000 电子测树仪立木因子测定及适用性研究 [J].西北林学院学报, 2016,31(2):219-224.
WU X P,YUE D P,CHEN J X,et al. Measurement of Stumpage Factors and Its Applicability of the RD 1000 [J]. Journal of Northwest Forestry University, 2016,31(2):219-224.
- [91] 侯瑞霞,孙伟,曹姗姗,等.林业资源信息服务——内涵、模式与实证 [J].西北林学院学报, 2016,31(2):225-233.
HOU R X,SUN W,CAO S S,et al. Forestry Resource Information Service—Connotation,Pattern and Verification[J]. Journal of Northwest Forestry University, 2016,31(2):225-233.
- [92] 徐速,曾凡锁,赵兴堂,等.不同种源水曲柳木材主要化学成分含量变异分析 [J].西北林学院学报, 2016,31(2):234-238.
XU S,ZENG F S,ZHAO X T,et al. Analysis on the Variation of Main Chemical Components of Different Source of *Fraxinus mandschurica* [J]. Journal of Northwest Forestry University, 2016,31(2):234-238.
- [93] 吴向文,赵智强,王喜明,等.竹柳材化学性质及其变异性研究 [J].西北林学院学报, 2016,31(2):239-243.
WU X W,ZHAO Z Q,WANG X M,et al. Chemical Properties and Variations of *Salix discolor* [J]. Journal of Northwest Forestry University, 2016,31(2):239-243.
- [94] 龙海蓉,王齐玮,李晓平,等.生长期和植株性别对工业大麻杆果胶含量及质量的影响 [J].西北林学院学报, 2016,31(2):244-248.
LONG H R,WANG Q W,LI X P,et al. Influences of Growth Stage and Plant Gender on Pectin Content and Weight of Industrial Hemp [J]. Journal of Northwest Forestry University, 2016,31(2):244-248.
- [95] 张晶,张求慧,赵丽娟.聚氨酯/木粉复合发泡材料的优化制备工艺 [J].西北林学院学报, 2016,31(2):249-254.
ZHANG J,ZHANG Q H,ZHAO L J. Optimization of Polyurethane/Wood Powder Composite Material Preparation Process [J]. Journal of Northwest Forestry University, 2016,31(2):249-254.
- [96] 孙枭雄,多化琼,王振柱.基于红外光谱的木材自身耐久性分析 [J].西北林学院学报, 2016,31(2):255-258.
SUN X X,DUO H Q,WANG Z Z. Wood Durability Analysis Based on FTIR Spectra [J]. Journal of Northwest Forestry University, 2016,31(2):255-258.
- [97] 吴志刚,席雪冬,雷洪,等.蛋白质改性小桐子基胶黏剂的研究 [J].西北林学院学报, 2016,31(2):259-263.
WU Z GXI X D,LEI H,et al. Modification of *Jatropha curcas* Based Adhesives by Protein [J]. Journal of Northwest Forestry University, 2016,31(2):259-263.
- [98] 刘顺治,李清芸,林金国,等.基于抽提液成分分析的黄檀属和紫檀属红木的鉴别 [J].西北林学院学报, 2016,31(2):264-267.
LIU S Z,LI Q Y,LIN J G,et al. Identification of Six Rosewoods in *Dalbergia* Genus and *Pterocarpus* Genus Based on the Composition Analysis of Their Extractives [J]. Journal of Northwest Forestry University, 2016,31(2):264-267.
- [99] 许杰,戚大伟.基于视觉技术的林木生长状态无损测量方法 [J].西北林学院学报, 2016,31(2):268-274.
XU J,QI D W. Nondestructive Measuring Methods of Tree Growth State Based on Vision Technology[J]. Journal of Northwest Forestry University, 2016,31(2):268-274.
- [100] 陈燕,郑松发,武峰.基于生态旅游功能的红树林景观评价指标体系构建 [J].西北林学院学报, 2016,31(2):275-279.
CHEN Y,ZHENG S F,WU F. Construction of Mangrove Landscape Evaluation Index System Based on Eco-tourism Function [J]. Journal of Northwest Forestry University, 2016,31(2):275-279.
- [101] 赵松婷,李新宇,李延明.北京市常用园林植物滞留 PM_{2.5} 能力的研究 [J].西北林学院学报, 2016,31(2):280-287.
ZHAO S T,LI X Y,LI Y M. Capability of Common Garden Plants in Beijing to Retain PM_{2.5} [J]. Journal of Northwest Forestry University, 2016,31(2):280-287.
- [102] 傅伟聪,齐津达,朱志鹏,等.百里杜鹃森林公园杜鹃盛开期大气颗粒物浓度变化特征 [J].西北林学院学报,

- 2016,31(2):288-294.
- FU W C,QI J D,ZHU Z P,et al. Changing Features of Atmospheric Particulate Matter Concentration in Azalea Blooming Period in Baili Azalea Forest Park [J]. Journal of Northwest Forestry University, 2016,31(2):288-294.
- [103] 芦建国,吴秀臣,唐桂兰.南京绿道植物景观营建特色探析 [J].西北林学院学报, 2016,31(2):295-301.
- LU J G,WU X C,TANG G L. Characteristics of Plantscape in Greenways in Nanjing [J]. Journal of Northwest Forestry University, 2016,31(2):295-301.
- [104] 罗贵斌.汉中市中心城区常绿行道树综合评价 [J].西北林学院学报, 2016,31(2):302-308.
- LUO G B. Comprehensive Evaluation of the Evergreen Street Trees Planted in the Downtown of Hanzhong City[J]. Journal of Northwest Forestry University, 2016,31(2):302-308.
- [105] 周润青,刘晓东,张思玉,等.不同火烧时间对杉木人工林土壤性质的影响 [J].西北林学院学报, 2016,31(3):1-6.
- ZHOU J Q,LIU X D,ZHANG S Y. The Effects of Burning with Different Intensities on Soil Property in Chinese Fir Plantations [J]. Journal of Northwest Forestry University, 2016,31(3):1-6.
- [106] 张连金,赖光辉,孔 颖,等.基于因子分析法的北京九龙山土壤质量评价 [J].西北林学院学报, 2016,31(3):7-14.
- ZHANG L J,LAI G H,KONG Y,et al. Evaluation of Soil Quality in Beijing Jiulong Mountain Based on Factor Analysis Method [J]. Journal of Northwest Forestry University, 2016,31(3):7-14.
- [107] 徐 军,牛健植,许陈韩,等.华北土石山区基于水分承载力的植被结构配置分析 [J].西北林学院学报, 2016,31(3):15-22.
- XU J,NIU J Z,XU C H,et al. A Study on the Technology of Vegetation Horizontal and Vertical Structure Configuration in Secondary Degeneration Area Based on the Natural Succession Rule [J]. Journal of Northwest Forestry University, 2016,31(3):15-22.
- [108] 赵锐明,郭凤霞,安黎哲,等.蒙古黄芪幼苗对盐胁迫的生长和生理响应 [J].西北林学院学报, 2016,31(3):23-29.
- ZHAO R M,GUO F X,AN L Z,et al. Growth and Physiological Responses of *Astragalus membranaceus* var.*mongolicus* Seedlings to Salt Stress [J]. Journal of Northwest Forestry University, 2016,31(3):23-29.
- [109] 杨红丽,王 明,徐业勇,等.3个苹果品种气体交换特性及其对环境因子的响应 [J].西北林学院学报, 2016,31(3):30-35.
- YANG H L,WANG M,XU Y Y,et al. Gas Exchange Characteristics of 3 Apple Tree (*Malus domestica*) Species and Response to Environmental Factors [J]. Journal of Northwest Forestry University, 2016,31(3):30-35.
- [110] 姜 鹏,庞立欣,邵思祺,等.不同生长势杉木成熟林的生物量生长模型研究 [J].西北林学院学报, 2016,31(3):36-40.
- JIANG P,PANG L X,SHAO S Q,et al. Biomass Model of *Cunninghamia lanceolata* with Different Growth Potentials [J]. Journal of Northwest Forestry University, 2016,31(3):36-40.
- [111] 李 盈,许 灏.基于非线性混合模型的油松天然林树高曲线研究 [J].西北林学院学报, 2016,31(3):41-49.
- LI Y,XU H. Height-diameter Models of *Pinus tabuliformis* Based on Nonlinear Mixed Models [J]. Journal of Northwest Forestry University, 2016,31(3):41-49.
- [112] 周雨露,杨永峰,袁伟影,等.基于 GIS 的济南小清河流域生态敏感性分析与评价 [J].西北林学院学报, 2016,31(3):50-56.
- ZHOU Y L,YANG Y F,YUAN W Y,et al. Analysis and Evaluation on Ecological Sensitivity of Xiaoqinghe River Basin in Jinan Based on GIS [J]. Journal of Northwest Forestry University, 2016,31(3):50-56.
- [113] 汪加魏,马履一,施侃侃,等.陇南旱地油橄榄细根纵向生长力研究 [J].西北林学院学报, 2016,31(3):57-62.
- WANG J W,MA L Y,SHI K K,et al. Vertical Growth of Olive Fine Roots in Arid Mountains of Longnan [J]. Journal of Northwest Forestry University, 2016,31(3):57-62.
- [114] 李 君,兰国玉,李玉武.海南儋州 5 种林地土壤微生物生物量碳对比 [J].西北林学院学报, 2016,31(3):63-67.
- LI J,LAN G Y,LI Y W. Comparative Studies on Soil Microbial Biomass Carbon in Rubber Forest and Secondary Forest in Danzhou,Hainan Province [J]. Journal of Northwest Forestry University, 2016,31(3):63-67.
- [115] 黄先寒,兰国玉,杨 川,等.广东橡胶林群落种子植物区系组成成分分析 [J].西北林学院学报, 2016,31(3):68-73.
- HUANG X H,LAN G Y,YANG C,et al. Flora Composition of Seed Plants in Rubber Forests in Guangdong Province [J]. Journal of Northwest Forestry University, 2016,31(3):68-73.
- [116] 郭俊杰,尚帅斌,汪奕衡,等.热带珍贵树种青梅苗木分级研究 [J].西北林学院学报, 2016,31(3):74-78.
- GUO J J,SHANG S B,WANG Y H,et al. Seedling Quality Grading of *Vatica mangachapoi*,A Valuable Tree Species in the Tropics [J]. Journal of Northwest Forestry University, 2016,31(3):74-78.

- [117] 董金芳,袁媛,何慧娟,等.基于 MODIS 的陕西省叶面积指数时空变化特征分析 [J].西北林学院学报, 2016,31(3):79-85.
 DONG J F,YUAN Y,HE H J,et al. Analyses of Spatial-temporal Changes of Leaf Area Index in Shaanxi Province Based on MODIS [J]. Journal of Northwest Forestry University, 2016,31(3):79-85.
- [118] 马玉花,冶贵生,龙晓晨,等.柴达木盆地梭梭 NHX 基因的克隆及其编码蛋白的结构预测 [J].西北林学院学报, 2016,31(3):86-90.
 MA Y H,YE G S,LONG X C,et al. Gene Analysis, Protein Prediction of NHX of *Haloxylon ammodendron* of Qaidam Basin[J]. Journal of Northwest Forestry University, 2016,31(3):86-90.
- [119] 康太,武宏豆,逯佰艳,等.柠条锦鸡儿抗坏血酸过氧化物酶基因(CkAPX)和谷胱甘肽还原酶基因(CkGR) cDNA 片段的克隆及表达分析 [J].西北林学院学报, 2016,31(3):91-97.
 KANG T,WU H D,LU B Y,et al. Cloning and Expression Analysis of Ascorbate Peroxidase (CkAPX) and Glutathione Reductase (CkGR) Partial Sequence from *Caragana korshinskii* [J]. Journal of Northwest Forestry University, 2016,31(3):91-97.
- [120] 粟莉圆,李大培,常远,等.核桃 *JrGSTTau1* 基因的克隆及转入酵母的抗逆功能分析 [J].西北林学院学报, 2016,31(3):98-102.
 SU L Y,LI D P,CHANG Y,et al. Cloning and Stress Tolerance Analysis of a *JrGSTTau1* Gene from *Juglans regia* in *Saccharomyces cerevisiae* [J]. Journal of Northwest Forestry University, 2016,31(3):98-102.
- [121] 延娜,郭军战,曹佳乐,等.果桑种质资源 SRAP 指纹图谱构建及遗传差异分析 [J].西北林学院学报, 2016,31(3):103-108.
 YAN N,GUO J Z,CAO J L,et al. Establishment of Fingerprint and Analysis of Genetic Difference for Fruit Mulberry Germplasm Resources by SRAP Markers [J]. Journal of Northwest Forestry University, 2016,31(3):103-108.
- [122] 钱塘璜,刘建华,雷江丽.转胡杨 PeDREB2b 基因白三叶株系耐盐性研究 [J].西北林学院学报, 2016,31(3):109-113.
 QIAN T H,LIU J H,LEI J L. Salt Resistance of Transgenic White Clover (*Trifolium repens*) Lines with *PeDREB2b* Gene from *Populus euphratica* [J]. Journal of Northwest Forestry University, 2016,31(3):109-113.
- [123] 孙琳,张存旭.栓皮栎成熟效应蛋白质及组分变化分析 [J].西北林学院学报, 2016,31(3):114-118.
 SUN L,ZHANG C X. Protein and Its Component Analysis in the Maturation of *Quercus variabilis* [J]. Journal of Northwest Forestry University, 2016,31(3):114-118.
- [124] 艾云苾,刘爱青,韩婧,等.冬季土壤自然封冻始期 4 个品种芍药的花芽发育状态 [J].西北林学院学报, 2016,31(3):119-123.
 AI Y B,LIU A Q,HAN J,et al. Floral Bud Differentiation Stage of 4 Peony Cultivars in the Initial Period of Soil Naturally Frozen in Winter [J]. Journal of Northwest Forestry University, 2016,31(3):119-123.
- [125] 贾素萍,李金花.不同立地黑杨派无性系生长和多性状综合评选 [J].西北林学院学报, 2016,31(3):124-130.
 JIA S P,LI J H. Growth and Comprehensive Evaluation of Multi traits for the Selection of 7 Poplar Clones belonging to Section *Aigeiros* in Different Sites [J]. Journal of Northwest Forestry University, 2016,31(3):124-130.
- [126] 陈嘉,李建春,王培新,等.降水量对宁强县飞播油松成苗的影响 [J].西北林学院学报, 2016,31(3):131-137.
 CHEN J,LI J C,WANG P X,et al. Effects of Rainfall on Effective Adult Seedlings of *Pinus tabulaeformis* for Aerial Seeding in Ningqiang County [J]. Journal of Northwest Forestry University, 2016,31(3):131-137.
- [127] 沈慧,黄建,佟岩,等.枣基因组大小研究 [J].西北林学院学报, 2016,31(3):138-142.
 SHEN H,HUANG J,TONG Y,et al. Comparative Analysis of Genome Sizes of Chinese Jujube [J]. Journal of Northwest Forestry University, 2016,31(3):138-142.
- [128] 陈熙,张羽,李佼,等.SRAP 标记分析陕西省主要茶树种质资源遗传多样性 [J].西北林学院学报, 2016,31(3):143-147.
 CHEN X,ZHANG Y,LI J,et al. Analysis of SRAP Marker-based Polymorphism of the Main Tea Germplasms in Shaanxi [J]. Journal of Northwest Forestry University, 2016,31(3):143-147.
- [129] 李美群,孟勇,杨明,等.不同处理对毛竹伐后竹篼微生物数量与酶活性的影响 [J].西北林学院学报, 2016,31(3):148-153.
 LI M Q,MENG Y,YANG M,et al. Effects of Different Decay Promotion Treatments on Microorganism and Enzyme Activities of Bamboo Stump after Cut [J]. Journal of Northwest Forestry University, 2016,31(3):148-153.
- [130] 罗清,卢业飞,於艳萍,等.24 份杜鹃属植物的 ISSR 分子鉴定 [J].西北林学院学报, 2016,31(3):154-158.
 LUO Q,LU Y F,YU Y P,et al. Identification of 24 *Rhododendron* Plants by ISSR Molecular Markers [J]. Journal of Northwest

- Forestry University, 2016,31(3):154-158.
- [131] 李 畅,傅建敏,王 森,等.阳丰甜柿组织培养再生体系的建立 [J].西北林学院学报, 2016,31(3):159-164.
LI C,FU J M,WANG S,et al. Establishment of Tissue Culture Regeneration System of *Diospyros kaki* cv. Youhou [J]. Journal of Northwest Forestry University, 2016,31(3):159-164.
- [132] 罗 洁,杨 国,陈红锋.双片苣苔的离体培养 [J].西北林学院学报, 2016,31(3):165-169.
LUO J,YANG G,CHEN H F. Rapid Propagation *in vitro* of *Didymostigma obtusum* [J]. Journal of Northwest Forestry University, 2016,31(3):165-169.
- [133] 杨建杰,张桂香,杨 琴,等.不同原料基质栽培平菇的生物学研究 [J].西北林学院学报, 2016,31(3):170-174.
YANG J J,ZHANG G X,YANG Q,et al. Biology Research of *Pleurotus ostreatus* Cultivated in Different Raw Materials [J]. Journal of Northwest Forestry University, 2016,31(3):170-174.
- [134] 张 丹,宋晓斌.不同来源的板栗栗疫病菌致病性差异研究 [J].西北林学院学报, 2016,31(3):175-178.
ZHANG D,SONG X B. Pathogenicity of *Cryphonectria parasitica* Strains from Different Regions [J]. Journal of Northwest Forestry University, 2016,31(3):175-178.
- [135] 王建军,栾庆书,金若忠,等.6种低毒药剂对核桃楸大蚕蛾的毒力测定与林间防效[J].西北林学院学报, 2016,31(3):179-182.
WANG J J,LUAN Q S,JIN R Z,et al. Toxicity and Field Control Efficacy of 6 Low-toxic Insecticides to *Dictyoplaca japonica* [J]. Journal of Northwest Forestry University, 2016,31(3):179-182.
- [136] 张晓莉,赵鹏祥,高凌寒,等.基于 Landsat 影像的西宁市主城区热岛效应分析 [J].西北林学院学报, 2016,31(3):183-190.
ZHANG X L,ZHAO P X,GAO L H,et al. Analysis of Heat Island Effect Based on Landsat Images in Xining City [J]. Journal of Northwest Forestry University, 2016,31(3):183-190.
- [137] 姚炳全,岳德鹏,陈金星,等.水源涵养林评价系统的构建 [J].西北林学院学报, 2016,31(3):191-196.
YAO B Q,YUE D P,CHEN J X,et al. Development of Water Conservation Forest System [J]. Journal of Northwest Forestry University, 2016,31(3):191-196.
- [138] 丁 波,丁贵杰,张耀荣.密度调控对马尾松人工林生态系统碳储量的影响 [J].西北林学院学报, 2016,31(3):197-203.
DING B,DING G J,ZHANG Y R. Effects of Density Regulation on Carbon Storage of *Pinus massoniana* Plantation Ecosystem [J]. Journal of Northwest Forestry University, 2016,31(3):197-203.
- [139] 马 俊,党坤良,王连贺,等.秦岭火地塘林区红桦林生物量和蓄积量变化研究 [J].西北林学院学报, 2016,31(3):204-210.
MA J,DANG K L,WANG L H,et al. Research on the Changes in Biomass and Volume of *Betula albo-sinensis* Forest at Huoditang Region [J]. Journal of Northwest Forestry University, 2016,31(3):204-210.
- [140] 吕飞舟,石程远,朱光玉,等.基于冠幅比数的次生林林木分级研究 [J].西北林学院学报, 2016,31(3):211-214.
LYU F Z,SHI C Y,ZHU G Y,et al. Classification of the Secondary Forest Based on Crown Comparison Index [J]. Journal of Northwest Forestry University, 2016,31(3):211-214.
- [141] 樊 丽,刘晋浩,王建利.基于最小方差迭代圆拟合的立木胸径提取算法研究 [J].西北林学院学报, 2016,31(3):215-220.
FAN L,LIU J H,WANG J L. A Iterative Circle Fitting Algorithm for Tree Diameter at Breast Height Based on Minimum Variance [J]. Journal of Northwest Forestry University, 2016,31(3):215-220.
- [142] 王 赫.辽宁省辽河流域景观格局变化研究 [J].西北林学院学报, 2016,31(3):221-227.
WANG H. Researches on the Changes of Landscape Pattern in Liao River Basin [J]. Journal of Northwest Forestry University, 2016,31(3):221-227.
- [143] 肖化顺,杨 佳.林区风景区天然次生林间伐木控制技术研究 [J].西北林学院学报, 2016,31(3):228-232.
XIAO H S,YANG J. Control Technique on Selection Cutting Tree of Natural Secondary Forest in Forest Scenic Area [J]. Journal of Northwest Forestry University, 2016,31(3):228-232.
- [144] 余宇晨,陈彩虹,贺 丹,等.基于 MCR 模型和 Kriging 的海口市景观格局优化分析 [J].西北林学院学报, 2016,31(3):233-238.
SHE Y C,CHEN C H,HE D,et al. Landscape Pattern Optimization Analysis Based on MCR Model and Kriging in Haikou [J]. Journal of Northwest Forestry University, 2016,31(3):233-238.
- [145] 甘甲甲,陈文豪,关亚丽.不同居群银胶菊的挥发性化学成分分析 [J].西北林学院学报, 2016,31(3):239-242.
GAN J J,CHEN W H,GUAN Y L. Analysis on the Constituents from Volatile oil of *Parthenium hysterophorus* in Different

- Geographic Populations [J]. Journal of Northwest Forestry University, 2016,31(3):239-242.
- [146] 姚欢欢,张 洋,董娟娥,等.杜仲饮料总黄酮检测方法研究 [J].西北林学院学报, 2016,31(3):243-246.
- YAO H H,ZHANG Y,DONG J E,et al. Determination of Total Flavonoids in Beverage of *Eucommia ulmoides* [J]. Journal of Northwest Forestry University, 2016,31(3):243-246.
- [147] 孟兆新,李 尚,肖定福,等.木材干燥窑内部流场改进与风速均匀性研究 [J].西北林学院学报, 2016,31(3):247-251.
- MENG Z X,LI S,XIAO D F,et al. Improvement of Internal Flow Field of Wood Drying Kiln and Its Wind Speed Distribution Uniformity [J]. Journal of Northwest Forestry University, 2016,31(3):247-251.
- [148] 吴志刚,雷 洪,杜官本,等.新型酚醛树脂改性大豆蛋白胶的研究 (II) [J].西北林学院学报, 2016,31(3):252-256.
- WU Z G,LEI H,DU G B,et al. Modification of Soy Protein-based Adhesive by A New Phenol Formaldehyde Resin (II) [J]. Journal of Northwest Forestry University, 2016,31(3):252-256.
- [149] 王兴龙,王立海.腐朽对山杨木材吸水性和电阻的影响 [J].西北林学院学报, 2016,31(3):257-261.
- WANG X L,WANG L H. The Effects of Decay on Electrical Resistance and Moisture Content of *Populus davidiana* Wood [J]. Journal of Northwest Forestry University, 2016,31(3):257-261.
- [150] 雷金睿,辛 欣,宋希强,等.基于 AHP 的海口市公园绿地植物群落景观评价与结构分析 [J].西北林学院学报, 2016,31(3):262-268.
- LEI J R,XIN X,SONG X Q,et al. Landscape Evaluation and Structure Analysis of Plant Community in Haikou City Parks,Based on Analytic Hierarchy Process [J]. Journal of Northwest Forestry University, 2016,31(3):262-268.
- [151] 徐 勇,李仓拴,谢小洋,等.陕西关中主要城市观花树种花的观赏性状分析 [J].西北林学院学报, 2016,31(3):269-274.
- XU Y,LI C S,XIE X Y,et al. Flower Ornamental Characters of the Flowering Tree Species in the Major Cities in Central Shaanxi [J]. Journal of Northwest Forestry University, 2016,31(3):269-274.
- [152] 郑 宇,张炜琪,吴倩楠,等.陕西金丝大峡谷国家森林公园秋季景观林色彩量化研究 [J].西北林学院学报, 2016,31(3):275-280.
- ZHENG Y,ZHANG W Q,WU Q N,et al. The Color Quantization of the Fall Scenic Forest in Jinsi Canyon National Forest Park in Shaanxi Province [J]. Journal of Northwest Forestry University, 2016,31(3):275-280.
- [153] 徐 明,蔡建国,臧 谷,等.杭州地区 34 种观果植物的综合评价与分析 [J].西北林学院学报, 2016,31(3):281-284.
- XU M,CAI J G,ZANG Y,et al. Comprehensive Evaluation and Analysis on 34 Ornamental-Fruit Plants in Hangzhou [J]. Journal of Northwest Forestry University, 2016,31(3):281-284.
- [154] 李俊英,施 拓,闫红伟,等.基于可达性的沈阳市城市绿地景观格局优化 [J].西北林学院学报, 2016,31(3):285-290.
- LI J Y,SHI T,YAN H W,et al. Accessibility Based Optimization of Green Space Pattern——A Case Study of Shenyang [J]. Journal of Northwest Forestry University, 2016,31(3):285-290.
- [155] 吉杨婷,李燕妮,陈 为,等.成都市城市公园滨水植物景观评价 [J].西北林学院学报, 2016,31(3):291-297.
- JI Y T,LI Y N,CHEN W,et al. Evaluation on Waterfront Plantscape of Urban-park in Chengdu [J]. Journal of Northwest Forestry University, 2016,31(3):291-297.
- [156] 王秋鸟,邓华峰.基于 AVC 的乡村景观综合评价研究——以三岔村为例 [J].西北林学院学报, 2016,31(3):298-303.
- WANG Q N,DENG H F. AVC Theory Based Rural Landscape Evaluation:Taking Sancha Village as An Example[J]. Journal of Northwest Forestry University, 2016,31(3):298-303.
- [157] 朱 颖,冯育青,苏 群,等.水网地区湿地公园景观评价研究——以苏州太湖国家湿地公园为例 [J].西北林学院学报, 2016,31(3):304-308.
- ZHU Y,FENG Y Q,SU Q,et al. Landscape Evaluation of WetLand Park in Water Network Region——A Case Study of Taihu National Wetland Park at Suzhou [J]. Journal of Northwest Forestry University, 2016,31(3):304-308.
- [158] 李 奇,朱建华,冯 源,等.中国主要人工林碳储量与固碳能力 [J].西北林学院学报, 2016,31(4):1-6.
- LI Q,ZHU J H,FENG Y,et al. Carbon Stocks and Carbon Sequestration Capacity of the Main Plantations in China [J]. Journal of Northwest Forestry University, 2016,31(4):1-6.
- [159] 宋爱云,董林水,周金星,等.晋西黄土丘陵边缘区油松人工林密度调控与生物量特征 [J].西北林学院学报, 2016,31(4):7-11.
- SONG A Y,DONG L S,ZHOU J X,et al. Suitable Density Management and Biomass Characters of *Pinus tabulaeformis* Plantations in the Ecotone between Bedrock Region and Loess Hill Area of West Shanxi Province [J]. Journal of Northwest

Forestry University, 2016,31(4):7-11.

- [160] 韩新生,王彦辉,李振华,等.六盘山叠叠沟华北落叶松人工林地上生物量的分配特征 [J].西北林学院学报,2016,31(4):12-18.
HAN X S,WANG Y H,LI Z H,et al. Allocation Characteristics of Aboveground Biomass of *Larix principis-rupprechtii* Plantation in the Diediegou Watershed of Liupan Mountains [J]. Journal of Northwest Forestry University, 2016,31(4):12-18.
- [161] 纪文婧,程小琴,韩海荣,等.华北落叶松人工林营养元素空间分布特征 [J].西北林学院学报,2016,31(4):19-25.
JI W J,CHENG X Q,HAN H R,et al. The Characteristics of Nutrient Element Distribution in the Plantation of *Larix principis-rupprechtii* [J]. Journal of Northwest Forestry University, 2016,31(4):19-25.
- [162] 刘学东,陈 林,杨新国,等.荒漠草原 2 种柠条 (*Caragana korshinskii*) 和油蒿 (*Artemisia ordosica*) 灌丛土壤养分 “肥岛” 效应 [J].西北林学院学报, 2016,31(4):26-32.
LIU X D,CHEN L,YANG X G,et al. “Fertile Island” Effect of Soil Nutrients Occurring in *Caragana korshinskii* and *Artemisia ordosica* Shrubs in Desert Steppe [J]. Journal of Northwest Forestry University, 2016,31(4):26-32.
- [163] 翟 辉,张 海,邱 梅,等.黄土高原退耕坡地不同类型林分土壤生物学活性的研究 [J].西北林学院学报, 2016,31(4):33-38.
Zhai H,ZHANG H,QIU M,et al. Soil Biological Activity of Different Tree Types on Slope Land Converted from Farmland in the Loess Plateau [J]. Journal of Northwest Forestry University, 2016,31(4):33-38.
- [164] 燕 腾,彭一航,王效科,等.西南 5 省市区森林植被碳储量及碳密度估算 [J].西北林学院学报, 2016,31(4):39-43.
YAN T,PENG Y H,WANG X K,et al. Estimation on Carbon Reserve and Carbon Density of the Forest Vegetation in Five Southwestern Provinces [J]. Journal of Northwest Forestry University, 2016,31(4):39-43.
- [165] 刘毓璟,张雁南,曹 兵.增施 CO₂ 对宁夏枸杞夏果秋果蔗糖代谢酶活性的影响 [J].西北林学院学报, 2016,31(4):44-47.
LIU Y J,ZHANG Y N,CAO B. Effects of Hight Atmospheric CO₂ Concentrations on Activities of Sucrose Metabolism-related Enzymes in *Lycium barbarum* Fruit [J]. Journal of Northwest Forestry University, 2016,31(4):44-47.
- [166] 刘臣琼,王小德,张 娟,等.涝渍胁迫下厚皮香幼苗光响应特征 [J].西北林学院学报, 2016,31(4):48-52.
LIU C Q,WANG X D,ZHANG J,et al. Light Response Characteristics of Photosynthesis of *Ternstroemia gymnanthera* with Waterlogging Stress [J]. Journal of Northwest Forestry University, 2016,31(4):48-52.
- [167] 张志才,黄金华,叶代全,等.光皮树不同家系叶片氮、磷化学计量特征及其与土壤养分的关系 [J].西北林学院学报, 2016,31(4):53-58.
ZHANG Z C,HUANG J H,YE D Q,et al. Nitrogen and Phosphorus Stoichiometry of Different Families of *Cornus wilsoniana* and Their Relationships to Nutrient Availability [J]. Journal of Northwest Forestry University, 2016,31(4):53-58.
- [168] 王红玲,施士争,黄瑞芳,等.6 种柳树对富营养化灌溉污水的氮磷富集能力比较 [J].西北林学院学报, 2016,31(4):59-66.
WANG H L,SHI S Z,HUANG R F,et al. Comparison of the Enriching Ability of Nitrogen and Phosphorus between 6 Willow Species Irrigated by Artificial Eutrophic Water [J]. Journal of Northwest Forestry University, 2016,31(4):59-66.
- [169] 张凤良,毛常丽,李小琴,等.橡胶树优树无性系对干旱胁迫的生理响应 [J].西北林学院学报, 2016,31(4):67-72.
ZHANG F L,MAO C L,LI X Q,et al. Physiological Responses of *Hevea brasiliensis* Plus Tree Clones to Drought Stress [J]. Journal of Northwest Forestry University, 2016,31(4):67-72.
- [170] 李鹏飞,吕若冰,贺环宇,等.信南高速不同类型坡面下边坡植物根系抗拉特性 [J].西北林学院学报, 2016,31(4):73-80.
LI P F,LYV R B,HE H Y,et al. Mechanical Properties of Plant Roots in Different Types of Highway Slope along Xinyang-Nanyang [J]. Journal of Northwest Forestry University, 2016,31(4):73-80.
- [171] 荆贝贝,张希金,李晓旭,等.宁波余姚市防护林带生态系统服务功能价值评估 [J].西北林学院学报, 2016,31(4):81-86.
JING B B,ZHANG X J,LI X X,et al. Evaluation of the Ecosystem Service of Urban Shelter Forests in Yuyao,Ningbo [J]. Journal of Northwest Forestry University, 2016,31(4):81-86.
- [172] 高 翔,刘茂辉,徐 媛,等.天津市植被单萜烯排放量估算及时空分布特征 [J].西北林学院学报, 2016,31(4):87-92.
GAO X,LIU M H,XU Y,et al. Inventory of Biogenic Total Monoterpene and Temporal and Spatial Characteristics in Tianjin [J]. Journal of Northwest Forestry University, 2016,31(4):87-92.
- [173] 朱小虎,程世平,陈幻林,等.新疆伊犁地区喀什河谷流域密叶杨遗传多样性分析 [J].西北林学院学报, 2016,31(4):93-98.
ZHU X H,CHENG S P,CHEN H L,et al. Genetic Diversity of *Populus talassica* Along Kashgar River Basin [J]. Journal of

- Northwest Forestry University, 2016,31(4):93-98.
- [174] 孟 楚, 郑小贤, 王 威. 北京八达岭林场水源涵养林林分结构与土壤的相关性研究 [J]. 西北林学院学报, 2016,31(4):99-105.
MENG C,ZHENG X X,WANG W. Correlation between Stand Structure and Soil of Water Conservation Forest in Badaling Forest Farm of Beijing [J]. Journal of Northwest Forestry University, 2016,31(4):99-105.
- [175] 吴紫洁, 阮成江, 李 贺, 等. 12个沙棘品种的果实可溶性糖和有机酸组分研究 [J]. 西北林学院学报, 2016,31(4):106-112.
WU Z J,RUAN C J,LI H,et al. Compositions of Soluble Sugars and Organic Acids in Berries of 12 Sea-buckthorn Cultivars[J]. Journal of Northwest Forestry University, 2016,31(4):106-112.
- [176] 王 羽, 窦德泉, 关雪莲, 等. 北京百花山不同海拔巧玲花遗传多样性分析 [J]. 西北林学院学报, 2016,31(4):113-117.
WANG Y,DOU D Q,GUAN X L,et al. Genetic Diversity of *Syringa pubescens* Populations from Different Altitudes in Baihua Mountain in Beijing [J]. Journal of Northwest Forestry University, 2016,31(4):113-117.
- [177] 王东雪, 曾雯珺, 江泽鹏, 等. 岳溪软枝油茶全同胞家系遗传变异分析 [J]. 西北林学院学报, 2016,31(4):118-122.
WANG D X,ZENG W J,JIANG Z P,et al. Genetic Variation Analysis on Full-sib Families of Cenxi Soft-branch *Camellia oleifera* [J]. Journal of Northwest Forestry University, 2016,31(4):118-122.
- [178] 肖 政, 苏家乐, 刘晓青, 等. 32个杜鹃花品种遗传关系的SRAP分析 [J]. 西北林学院学报, 2016,31(4):123-128.
XIAO Z,SU J L,LIU X Q,et al. Genetic Relatedness of 32 Varieties of *Rhododendron simsii* Using SRAP Markers [J]. Journal of Northwest Forestry University, 2016,31(4):123-128.
- [179] 曹佳乐, 樊军锋, 周永学, 等. 4个白杨派新无性系叶片解剖结构的研究 [J]. 西北林学院学报, 2016,31(4):129-133.
CAO J L,FAN J F,ZHOU Y X,et al. A Study on Leaf Anatomical Structures of Four New Populus Clones [J]. Journal of Northwest Forestry University, 2016,31(4):129-133.
- [180] 姜瑞芳, 刘艳红. 土壤基质和水分对珙桐幼苗生长的影响 [J]. 西北林学院学报, 2016,31(4):134-139.
JIANG R F,LIU Y H. Effects of Soil Matrix and Moisture on the Growth of *Davida involucrata* Seedlings [J]. Journal of Northwest Forestry University, 2016,31(4):134-139.
- [181] 张斌善, 李建春, 孔绿玉, 等. 日照因子与汉中飞播油松成苗效果关联分析 [J]. 西北林学院学报, 2016,31(4):140-146.
ZHANG B S,LI J C,KONG L Y,et al. Correlation Analysis on Sunshine Hours and Effective Grown-up Seedling of *Pinus tabulaeformis* by Aerial Seeding in Hanzhong [J]. Journal of Northwest Forestry University, 2016,31(4):140-146.
- [182] 桑巴叶, 朱玉伟, 陈启民, 等. 准噶尔盆地主要农田防护林的生物量及养分分布特征 [J]. 西北林学院学报, 2016,31(4):147-152.
SANG B Y,ZHU Y W,CHEN Q M,et al. Distribution Characteristics of Biomass and Soil Nutrient in Main Shelterbelt in Junggar Basin [J]. Journal of Northwest Forestry University, 2016,31(4):147-152.
- [183] 周正君, 田 晶, 李周岐. 花椒愈伤组织诱导及细胞悬浮培养研究 [J]. 西北林学院学报, 2016,31(4):153-156.
ZHOU Z J, TIAN J, LI Z Q. Studies on the Callus Induction and Cell Suspension Culture of *Zanthoxylum bungeanum* [J]. Journal of Northwest Forestry University, 2016,31(4):153-156.
- [184] 钟琳珊, 李萍球, 孟德悦, 等. 江西4个乡土种源无患子种子品质及苗期生长研究 [J]. 西北林学院学报, 2016,31(4):157-164.
ZHONG L S,LI P Q,MENG D Y,et al. Seed Quality and Seedling Growth Characteristics of Four Native *Sapindus mukurossi* in Jiangxi [J]. Journal of Northwest Forestry University, 2016,31(4):157-164.
- [185] 郭丽萍, 张延龙, 牛立新, 等. 凤丹种子休眠特性研究 [J]. 西北林学院学报, 2016,31(4):165-169.
GUO L P,ZHANG Y L,NIU L X,et al. Dormancy Properties of *Paeonia ostii* ‘Feng Dan’ [J]. Journal of Northwest Forestry University, 2016,31(4):165-169.
- [186] 刘玉平, 苏 慧, 刘贵峰, 等. 罕山自然保护区森林植物群落优势种的种群结构与动态 [J]. 西北林学院学报, 2016,31(4):170-175.
LIU Y P,SU H,LIU G F,et al. Population Structure and Dynamics of Dominant Species of Main Forest Community in Hanshan Nature Reserves [J]. Journal of Northwest Forestry University, 2016,31(4):170-175.
- [187] 王 荣, 胡海清, 支 博. 火烧处理对幼树叶片质膜透性和保护酶活性的影响 [J]. 西北林学院学报, 2016,31(4):176-181.
WANG R,HU H Q,ZHI B. Effects of Burning on the Cell Membrane Permeability and Protective Enzyme Activity of the Saplings of Three Tree Species [J]. Journal of Northwest Forestry University, 2016,31(4):176-181.

- [188] 甘明旭,孙 涛,康永祥,等.应用探地雷达对黄帝陵古柏树干和粗根的研究 [J].西北林学院学报, 2016,31(4):182-187.
GAN M X,SUN T,KANG Y X,et al. Examination of the Trunk Cavity and Thick Root Distribution of Ancient *Platycladus orientalis* in the Tomb of Yellow Emperor By Ground Penetrating Radar Technology [J]. Journal of Northwest Forestry University, 2016,31(4):182-187.
- [189] 宋彦君,季志平,吕平会,等.镇安板栗外生菌根真菌多样性研究 [J].西北林学院学报, 2016,31(4):188-194.
SONG Y J,JI Z P,LYU P H,et al. Community Structure of Ectomycorrhizal Fungi Associated with *Castanea mollissima* in Zhen' an County [J]. Journal of Northwest Forestry University, 2016,31(4):188-194.
- [190] 姜 鹏,韩 璐,梁文静,等.不同生长势杉木成熟林胸径-树高生长曲线研究 [J].西北林学院学报, 2016,31(4):195-200.
JIANG P,HAN L,LIANG W J,et al. Height,BDH Growth Models of *Cunninghamia lanceolata* with Different Growth Potentials [J]. Journal of Northwest Forestry University, 2016,31(4):195-200.
- [191] 刘丰禄,姜 芳,王喜平,等.应力波在落叶松活立木中传播二维模拟研究 [J].西北林学院学报, 2016,31(4):201-205.
LIU F L,JIANG F,WANG X P,et al. Stress Wave Propagation in Larch Plantation Trees:Numerical Simulation [J]. Journal of Northwest Forestry University, 2016,31(4):201-205.
- [192] 张 耀,周 伟.利用多时相遥感图像动态监测矿区植被覆盖变化——以山西省平朔露天煤矿为例 [J].西北林学院学报, 2016,31(4):206-212.
ZHANG Y,ZHOU W. Monitoring of Vegetation Coverage by Multi-temporal Images:A Case Study of Pingsu Coal Mine [J]. Journal of Northwest Forestry University, 2016,31(4):206-212.
- [193] 吴秉校,侯 雷,宋敏敏,等.西安市 NDVI 时空演变分析 [J].西北林学院学报, 2016,31(4):213-220.
WU B X,HOU L,SONG M M,et al. NDVI Temporal and Spatial Evolution Analysis in Xi'an [J]. Journal of Northwest Forestry University, 2016,31(4):213-220.
- [194] 牟怀义.高分 1 号卫星遥感影像监测林地动态变化研究 [J].西北林学院学报, 2016,31(4):221-226.
MOU H Y. Monitoring Dynamic Changes of Forest Land by Using Remote Sensing Images of GF-1 Satellite [J]. Journal of Northwest Forestry University, 2016,31(4):221-226.
- [195] 凌 威,王新杰,武文昊,等.1990-2014 年新疆卡山保护区植被覆盖度时空变化特征 [J].西北林学院学报, 2016,31(4):227-232.
LING W,WANG X J,WU W H,et al. Spatial Differences of the Variations of Vegetation Coverage in Mt.Kalamaili Ungulate Nature Reserve during 1990-2014 [J]. Journal of Northwest Forestry University, 2016,31(4):227-232.
- [196] 郭如意,韦新良,刘姗姗.天目山区针阔混交林立地质量评价研究 [J].西北林学院学报, 2016,31(4):233-240.
GUO R Y,WEI X L,LIU S S. Site Quality Evaluation of Coniferous and Broad-leaved Mixed Forest in Tianmu Mountain [J]. Journal of Northwest Forestry University, 2016,31(4):233-240.
- [197] 斯庆毕力格,毛 斌.聚类分析和 TOPSIS 法在森林资源综合评价中的应用 [J].西北林学院学报, 2016,31(4):241-245.
SIQING BiLiGe,MAO B. Application of Cluster Analysis and TOPSIS Method to the Comprehensive Evaluation of Forest Resources [J]. Journal of Northwest Forestry University, 2016,31(4):241-245.
- [198] 王晓宇,张 洋,江 华,等.氧化降解法制备纳米纤维素的特性分析 [J].西北林学院学报, 2016,31(4):246-251.
WANG X Y,ZHANG Y,JIANG H,et al. Analysis of the Characteristic for the Cellulose Nanocrystals Prepared with Oxidative Degradation [J]. Journal of Northwest Forestry University, 2016,31(4):246-251.
- [199] 多化琼,谢孔辉,张晓涛.木质纤维素/蒙脱土纳米复合材料对 Hg(II) 的吸附性能 [J].西北林学院学报, 2016,31(4):252-258.
DUO H Q,XIE K H,ZHANG X T. Adsorptionand Desorption Propertiesof Hg(II)on Lignocellulose/Montmorillonite Nanocomposite [J]. Journal of Northwest Forestry University, 2016,31(4):252-258.
- [200] 吴向文,王喜明,赵智强,等.竹柳材基本物理化学性能及其刨花板生产工艺的优化研究 [J].西北林学院学报, 2016,31(4):259-264.
WU X W,WANG X M,ZHAO Z Q,et al. Basic Physicochemical Properties and the Optimization of Particleboard Production Process of *Salix discolor* Timber [J]. Journal of Northwest Forestry University, 2016,31(4):259-264.
- [201] 曹积微,袁 哲,强明礼.云南 3 种棕榈藤材材性分析及开发利用价值评价 [J].西北林学院学报, 2016,31(4):265-268.
CAO J W,YUAN Z,QIANG M L. Properties Analysis and Utility Value Evaluation for Three Rattan Species in Yunnan [J]. Journal of Northwest Forestry University, 2016,31(4):265-268.

- [202] 周 宇,赵丽清,韩 望,等.沙柳材在碳酸乙烯酯中液化的动力学研究 [J].西北林学院学报, 2016,31(4):269-274.
 ZHOU Y,ZHAO L Q,HAN W,et al. Kinetic Study on the Liquefaction of *Salix* in Ethylene Carbonate [J]. Journal of Northwest Forestry University, 2016,31(4):269-274.
- [203] 汶录凤,王玉梅,吴华平,等.染色竹材的耐光性研究及提高耐光性的方法 [J].西北林学院学报, 2016,31(4):275-278.
 WEN L F,WANG Y M,WU H P,et al. A Study on Light Fastness of Dyed Bamboo Wood and its Improvement [J]. Journal of Northwest Forestry University, 2016,31(4):275-278.
- [204] 迈迪娜·吐尔逊,玉米提·哈力克,祖皮艳木·买买提,等.阿克苏市城郊林 10 种果树叶面形态与滞尘量的关系 [J].西北林学院学报, 2016,31(4):279-283.
 Maidina TUERXUN,Umut HALIK,Zupiyemu MAIMAITI,et al. Relationship between Morphological Structure and Dust-holding Capacity of Ten Fruit Tree Leaves in Peri-urban Area of Aksu [J]. Journal of Northwest Forestry University, 2016,31(4):279-283.
- [205] 刘二雄,耿 荣,耿增超.汉城湖绿化区土壤重金属污染评价 [J].西北林学院学报, 2016,31(4):284-290.
 LIU E X,GENG R,GENG Z C. Pollution Assessment on Soil Heavy Metals in Green Belts of Lake Hancheng [J]. Journal of Northwest Forestry University, 2016,31(4):284-290.
- [206] 付 晖,付 广.基于 GIS 的海口市绿地适宜性评价研究 [J].西北林学院学报, 2016,31(4):291-297.
 FU H,FU G. Land Suitability Evaluation of Urban Green Space Based on GIS in Haikou [J]. Journal of Northwest Forestry University, 2016,31(4):291-297.
- [207] 胡欣之,弓 弼,谷 宁,等.湘潭市公园绿地复层植物群落视觉景观质量研究 [J].西北林学院学报, 2016,31(4):298-304.
 HU X Z,GONG B,GU N,et al. Visual Landscape Quality Research on Multilayer Plant Community in Xiangtan's Parks [J]. Journal of Northwest Forestry University, 2016,31(4):298-304.
- [208] 刘 畅,刘 亚,刘海轩,等.游憩型城镇景观林林内景观斑块类型特征研究 [J].西北林学院学报, 2016,31(4):305-311.
 LIU C,LIU Y,LIU H X,et al. Characteristics of In-forest Landscape Patch Types of Recreational Landscape Forest in Urban and Suburban Area [J]. Journal of Northwest Forestry University, 2016,31(4):305-311.
- [209] 王美仙,杨 帆,徐 艳,等.深圳医疗花园植物群落的生态效益研究 [J].西北林学院学报, 2016,31(4):312-318.
 WANG M X,YANG F,XU Y,et al. Ecological Benefits of Plant Community in Shenzhen Healing Garden [J]. Journal of Northwest Forestry University, 2016,31(4):312-318.
- [210] 申依宁,弓 弼,贾浩洋,等.杨凌区城镇景观格局动态变化分析 [J].西北林学院学报, 2016,31(4):319-324.
 SHEN Y N,GONG B,JIA H Y,et al. Analysis on the Dynamic Changes of Landscape Pattern in Yangling [J]. Journal of Northwest Forestry University, 2016,31(4):319-324.
- [211] 何芳兰,徐先英,尉秋实,等.祁连山青海云杉人工林与天然林群落结构特征及物种多样性比较研究 [J].西北林学院学报, 2016,31(5):1-7.
 HE F L,XU X Y,YU Q S,et al. A Study on the Comparison of Community Structural Characteristics and Species Diversity Between Plantations and Natural Forests of *Picea Crassifolia* in Qilian Mountains[J]. Journal of Northwest Forestry University, 2016,31(5):1-7.
- [212] 季 蕾,亢新刚,张 青,等.天然云冷杉林土壤养分随林分针阔比变化及其对灌木生物量的影响 [J].西北林学院学报, 2016,31(5):8-14.
 JI L,KANG X G,ZHANG Q,et al. A Study on the Shrub Biomass and Soil Nutrient in Jingouling Natural Spruce-fir Forest [J]. Journal of Northwest Forestry University, 2016,31(5):8-14.
- [213] 李 伟,张胜利,孟庆旭,等.秦岭华山松林生态系统对大气降雨水化学特性的影响 [J].西北林学院学报, 2016,31(5):15-22.
 LI W,ZHANG S L,MENG Q X,et al. Effects of *Pinus armandii* Forest Ecosystem on the Chemical Features of Atmospheric Rainfall Water in Qinling Mountains [J]. Journal of Northwest Forestry University, 2016,31(5):15-22.
- [214] 李晓莎,许 晴,许中旗,等.冀北山地华北落叶松人工林土壤养分的变化规律 [J].西北林学院学报, 2016,31(5):23-28.
 LI X S,XU Q,XU Z Q,et al. Changes of Soil Nutrients for *Larix principis-rupprechtii* Plantation in North Mountain of Hebei [J]. Journal of Northwest Forestry University, 2016,31(5):23-28.
- [215] 刘娜娜,张希金,达良俊.间伐对人工水源涵养林碳储量及其垂直分布的影响 [J].西北林学院学报, 2016,31(5):29-36.
 LIU N N,ZHANG X J,DA L J. Effects of Ehinning on Carbon Storage and Its Vertical Distribution in Water Conservation

- Forests [J]. Journal of Northwest Forestry University, 2016,31(5):29-36.
- [216] 全婷婷,陈学刚,李 勇,等.乌鲁木齐城市不同用地类型土壤理化特征研究 [J].西北林学院学报, 2016,31(5):37-42.
QUAN T T,CHEN X G,LI Y,et al. Soil Physicochemical Characteristics at Different Land Use Types in Urumqi [J]. Journal of Northwest Forestry University, 2016,31(5):37-42.
- [217] 陈 翠,康峰峰,程小琴,等.太岳山华北落叶松人工林林下植物变化及环境解释 [J].西北林学院学报, 2016,31(5):43-48.
CHEN J,KANG F F,CHENG X Q,et al. Changes and Environmental Interpretation of Understory Plants of *Larix principis-rupprechtii* Plantation in Taiyue Mountain [J]. Journal of Northwest Forestry University, 2016,31(5):43-48.
- [218] 王军才,刘济明,李丽霞,等.不同氮素条件下米槁光响应曲线拟合模型的比较分析 [J].西北林学院学报, 2016,31(5):49-54.
WANG J C,LIU J M,LI L X,et al. Comparison and Analysis of Fitting Models of Photosynthesis and Light Response Curve of *Cinnamomum migao* under Different Nitrogen Fertilizer Conditions [J]. Journal of Northwest Forestry University, 2016,31(5):49-54.
- [219] 韩生慧,徐先英,贺访印,等.干旱荒漠区几种云杉属植物的生态适应性研究 [J].西北林学院学报, 2016,31(5):55-60.
HAN S H,XU X Y,HE F Y,et al. Ecological Adaptability of Several *Picea* Species in Arid Desert Region [J]. Journal of Northwest Forestry University, 2016,31(5):55-60.
- [220] 张文元,刘 顺,江 斌,等.施肥对硬头黄竹林地上部分生物量结构的影响 [J].西北林学院学报, 2016,31(5):61-67.
ZHANG W Y,LIU S,JIANG B,et al. Effects of Fertilization on Above-ground Biomass Structure of *Bambusa rigida* [J]. Journal of Northwest Forestry University, 2016,31(5):61-67.
- [221] 马豪霞,任毅华,侯 磊,等.西藏色季拉山急尖长苞冷杉林粗木质残体储量与倒木分解研究 [J].西北林学院学报, 2016,31(5):68-73.
MA H X,REN Y H,HOU L,et al. Studies on the Reserves of Coarse Woody Debris and Decomposition of Fallen Trees in *Abies georgei* var.*smithii* Forest of Sygera Mountains in Tibet [J]. Journal of Northwest Forestry University, 2016,31(5):68-73.
- [222] 刁艳芳,王亚平,范世香,等.3 种针叶林对降雨截留作用的比较 [J].西北林学院学报, 2016,31(5):74-77.
DIAO Y F,WANG Y P,FAN S X,et al. Comparison of Rainfall Interception of Three Coniferous Forests [J]. Journal of Northwest Forestry University, 2016,31(5):74-77.
- [223] 郭 楸,吴杨波,李莲芳,等.水分对云南松苗木生理生化特性的影响 [J].西北林学院学报, 2016,31(5):78-84.
GUO L,WU Y B,LI L F,et al. Effects of Watering Control on Physiological and Biochemical Traits of *Pinus yunnanensis* Seedlings [J]. Journal of Northwest Forestry University, 2016,31(5):78-84.
- [224] 李得禄,刘世增,纪永福,等.民勤连古城自然保护区异质生境中沙木蓼群落结构及物种多样性 [J].西北林学院学报, 2016,31(5):85-89.
LI D L,LIU S Z,JI Y F,et al. Community Structure and Species Diversity of *Atraphaxis bracteata* in Minqin Liangucheng Nature Reserve [J]. Journal of Northwest Forestry University, 2016,31(5):85-89.
- [225] 阮志平.东澳棕叶片和根系对干旱和复水的生理响应 [J].西北林学院学报, 2016,31(5):90-95.
RUAN Z P. Physiological Changes in the Leaves and Roots of *Carpentaria acuminata* to Drought Stress and Re-watering Process [J]. Journal of Northwest Forestry University, 2016,31(5):90-95.
- [226] 贾漫丽,李 娜,李季生,等.盐胁迫对 4 个桑树品种生理生化特性的影响 [J].西北林学院学报, 2016,31(5):96-101.
JIA M L,LI N,LI J S,et al. Effects of Salt Stress on Physiological and Biochemical Characteristics of 4 Mulberry Varieties [J]. Journal of Northwest Forestry University, 2016,31(5):96-101.
- [227] 李婷婷,陈绍志,吴水荣,等.采伐强度对水源涵养林林分结构特征的影响 [J].西北林学院学报, 2016,31(5):102-108.
LI T T,CHEN S Z,WU S R,et al. Effect of the Cutting Intensity on Structural Characteristics of Water Conservation Forest [J]. Journal of Northwest Forestry University, 2016,31(5):102-108.
- [228] 孟 楚,王 琦,郑小贤.北京市八达岭林场水源涵养林空间结构特征研究 [J].西北林学院学报, 2016,31(5):109-114.
MENG C,WANG Q,ZHENG X X. Spatial Structure of Water Conservation Forest in Badaling Forest Farm of Beijing [J]. Journal of Northwest Forestry University, 2016,31(5):109-114.
- [229] 黄先寒,兰国玉,杨 川,等.海南不同栽培模式下橡胶林灌草物种多样性研究 [J].西北林学院学报, 2016,31(5):115-120.
HUANG X H,LAN G Y,YANG C,et al. Shrub-grass Species Diversity of Rubber Plantations under Different Cultivation Patterns in Hainan [J]. Journal of Northwest Forestry University, 2016,31(5):115-120.

- [230] 李建康,李建春,韩崇选,等.降水量与安康飞播油松成苗效果关联分析 [J].西北林学院学报,2016,31(5):121-126.
- LI J K,LI J C,HAN C X,et al. Grown-up Seedling of *Pinus tabulaeformis* for Aerial Seeding in Ankang [J]. Journal of Northwest Forestry University, 2016,31(5):121-126.
- [231] 张晓鹏,张博勇,齐统祥,等.不同处理对四翅滨藜嫩枝扦插育苗的影响 [J].西北林学院学报,2016,31(5):127-131.
- ZHANG X P,ZHANG B Y,QI T X,et al. Effects of Different Treatments on the Softwood Cuttings of *Atriplex canescens* [J]. Journal of Northwest Forestry University, 2016,31(5):127-131.
- [232] 郭祥泉.“正态分布标准差分类法”对杉木养分供求响应的研究 [J].西北林学院学报,2016,31(5):132-137.
- GUO X Q. Application of Standard Deviation Classification Method of Normal Distribution to the Response of *Cunninghamia lanceolata* for the Nutrient Supply [J]. Journal of Northwest Forestry University, 2016,31(5):132-137.
- [233] 崔丹,魏安智,侯娜,等.花椒离体愈伤组织诱导研究 [J].西北林学院学报,2016,31(5):138-141.
- CUI D,WEI A Z,HOU N,et al. *In vitro* Callus Induction of *Zanthoxyhum bungeanum* [J]. Journal of Northwest Forestry University, 2016,31(5):138-141.
- [234] 田耀武,李东升,王宁,等.伏牛山区陶湾流域径流、泥沙及氮磷的输出动态 [J].西北林学院学报,2016,31(5):142-147.
- TIAN Y W,LI D S,WANG N,et al. Changes of Runoff,Sediment,Nitrogen and Phosphorus Exported from Taowan Watershed,Funiu Mountainous Area [J]. Journal of Northwest Forestry University, 2016,31(5):142-147.
- [235] 文科军,许光耀,吴丽萍,等.盐渍土地地区植穴结构设计与效果评价 [J].西北林学院学报,2016,31(5):148-153.
- WEN K J,XU G Y,WU L P,et al. Structure Design and Result Evaluation of Planting Hole in Saline Soil Area [J]. Journal of Northwest Forestry University, 2016,31(5):148-153.
- [236] 周天山,米晓玲,余有本,等.陕南春季工夫红茶加工工艺优化 [J].西北林学院学报,2016,31(5):154-164.
- ZHOU T S,MI X L,YU Y B,et al. Optimization of the Processing Techniques for Shannan Gongfu Black Tea in Spring [J]. Journal of Northwest Forestry University, 2016,31(5):154-164.
- [237] 韦素贞,张好强,胡文涛,等.AM真菌和施钾对宁夏枸杞响应干旱胁迫的交互影响[J].西北林学院学报,2016,31(5):165-170.
- WEI S Z,ZHANG H Q,HU W T,et al. Interactive Effects of Arbuscular Mycorrhizal Fungus and Potassium Application on Response of *Lycium barbarum* to Drought Stress [J]. Journal of Northwest Forestry University, 2016,31(5):165-170.
- [238] 解国磊,丁新景,敬如岩,等.春季降雨对鲁东低山丘陵区主要森林类型地表可燃物含水率的影响 [J].西北林学院学报,2016,31(5):171-177.
- XIE G L,DING X J,JING R Y,et al. The Influence of Rainfall on the Moisture Content of Surface Fuel of Main Forest Types in Mountainous Area of Shandong Province [J]. Journal of Northwest Forestry University, 2016,31(5):171-177.
- [239] 王毛,吴亚飞,邓拓,等.苏云金芽孢杆菌 *Cry2Ab* 基因克隆与植物表达载体的构建 [J].西北林学院学报,2016,31(5):178-181.
- WANG M,WU Y F,DENT T,et al. Gene Cloning of *Cry2Ab* from *Bacillus thuringiensis* and Construction of Plant Expression Vector [J]. Journal of Northwest Forestry University, 2016,31(5):178-181.
- [240] 蔡三山,欧阳静,王义勋,等.10株白僵菌菌株 ITS 序列测定和系统发育分析 [J].西北林学院学报,2016,31(5):182-187.
- CAI S S,OUYANG J,WANG Y X,et al. Internal Transcribed Spacer Region Sequencing and Phylogenetic Analysis of 10 Strains of *Beauveria* spp. [J]. Journal of Northwest Forestry University, 2016,31(5):182-187.
- [241] 井赵斌,杨宏勃,杨玉旺,等.秦岭北麓猕猴桃主产区溃疡病病原菌的分离与鉴定 [J].西北林学院学报,2016,31(5):188-193.
- JING Z B,YANG H B,YANG Y W,et al. Isolation and Identification of *Pseudomonas syringae* pv.*actinidiae* in Northern Area of Qinling Mountains [J]. Journal of Northwest Forestry University, 2016,31(5):188-193.
- [242] 高国平,谢皖豫,王月,等.灯台树叶枯病病原菌的鉴定及其生物学特性 [J].西北林学院学报,2016,31(5):194-197.
- GAO G P,XIE W Y,WANG Y,et al. Pathogen Identification and Biological Characteristics of *Cornus controversum* Leaf Blight [J]. Journal of Northwest Forestry University, 2016,31(5):194-197.
- [243] 刘长海,赵桂玲,曹四平.延安新区城市生态林中大型土壤动物多样性组成结构特征 [J].西北林学院学报,2016,31(5):198-202.
- LIU C H,ZHAO G L,CAO S P. Characteristics of the Composition and Structure of Macro Soil Fauna Diversity in the Construction of Urban Ecological Forests in Yan'an New District [J]. Journal of Northwest Forestry University, 2016,31(5):198-202.

- [244] 杨 韧,张好强,唐 明.陕北地区油松根际真菌资源初步调查及其与土壤理化性质的关系 [J].西北林学院学报, 2016,31(5):203-210.
YANG R,ZHANG H Q,TANG M. A Survey of Root Fungal Resources of *Pinus tabulaeformis* and ITS Relationship with Soil Physicochemical Properties in Northern Shaanxi [J]. Journal of Northwest Forestry University, 2016,31(5):203-210.
- [245] 陈广泉,王淑艳,郑天翔,等.张掖湿地蝗虫多样性调查研究 [J].西北林学院学报, 2016,31(5):211-216.
CHEN G Q,WANG S Y,ZHENG T X,et al. Diversity of Locusts in the Wetlands of Zhangye [J]. Journal of Northwest Forestry University, 2016,31(5):211-216.
- [246] 冉啟香,邓华锋,吕常笑,等.油松林分断面积与蓄积量生长模型研究 [J].西北林学院学报, 2016,31(5):217-223.
RAN Q X,DENG H F,LYV C X,et al. Stand Basal Area and Volume Growth for *Pinus tabulaeformis* [J]. Journal of Northwest Forestry University, 2016,31(5):217-223.
- [247] 湛 斌,闫新利,陈 斌,等.紫金山针阔混交林空间结构特征分析 [J].西北林学院学报, 2016,31(5):224-229.
ZHAN B,YAN X L,CHEN B,et al. An Analysis on the Spatial Structure of Coniferous and Broadleaved Mixed Forest in Zijin Mountain [J]. Journal of Northwest Forestry University, 2016,31(5):224-229.
- [248] 章皖秋,岳彩荣,袁 华.林木调查数据的随机、空间、时间特征的模型处理 [J].西北林学院学报, 2016,31(5):230-237.
ZHANG W Q,YUE C R,YUAN H. Solutions for Random Effect,Spatial and Temporal Correlation and Heterogeneity in the Observed Forest Data [J]. Journal of Northwest Forestry University, 2016,31(5):230-237.
- [249] 王 娟,卓 静,何慧娟,等.2000-2013 年秦岭林区植被净初级生产力时空分布特征及其驱动因素 [J].西北林学院学报, 2016,31(5):238-245.
WANG J,ZHUO J,HE H J,et al. Changes of Vegetation Net Primary Productivity and Its Driving Factors from 2000 to 2013 in Qinling Mountainous Area [J]. Journal of Northwest Forestry University, 2016,31(5):238-245.
- [250] 刘缓鹏,谢寿安,袁丽芳,等.花椒窄吉丁的入侵对花椒挥发物成分的影响 [J].西北林学院学报, 2016,31(5):246-254.
LIU S P,XIE S A,YUAN L F,et al. Effect of *Agrius zanthoxylumi* Infection on the Volatile Constituents of *Zanthoxylum bungeanum* [J]. Journal of Northwest Forestry University, 2016,31(5):246-254.
- [251] 何 欢,刘子龙,鲁建江,等.改性葡萄藤对水中次甲基蓝吸附特性的影响 [J].西北林学院学报, 2016,31(5):255-260.
HE H,LIU Z L,LU J J,et al. Adsorption Capability of Modified Grape Stalks to Methylene Blue [J]. Journal of Northwest Forestry University, 2016,31(5):255-260.
- [252] 钟曼良,秦丽丽,刘镇波.开裂缺陷对木材振动性能的影响 [J].西北林学院学报, 2016,31(5):261-266.
ZHONG M L,QIN L L,LIU Z B. Influence of Crack on Vibration Properties of Wood [J]. Journal of Northwest Forestry University, 2016,31(5):261-266.
- [253] 郭毅涵,刘杏娥,杨淑敏,等.3 种竹材微纤丝角变异规律研究 [J].西北林学院学报, 2016,31(5):267-270.
GUO Y H,LIU X E,YANG S M,et al. Variation of Microfibril Angle in Three Bamboo Species [J]. Journal of Northwest Forestry University, 2016,31(5):267-270.
- [254] 陈柏旭,黄腾华,韦鹏练,等.阴香木材物理力学性质研究 [J].西北林学院学报, 2016,31(5):271-275.
CHEN B X,HUANG T H,WEI P L,et al. A Study on the Physical and Mechanical Properties of *Cinnamomum burmannii* Woods [J]. Journal of Northwest Forestry University, 2016,31(5):271-275.
- [255] 王晓倩,于志明,张 扬,等.速生杨木单板染色阻燃性能研究 [J].西北林学院学报, 2016,31(5):276-280.
WANG X Q,YU Z M,ZHANG Y,et al. Dyeing and Flame Retardant Properties of Poplar Veneer [J]. Journal of Northwest Forestry University, 2016,31(5):276-280.
- [256] 高 萃,雷亚芳,薛飞红,等.棉秆重组方材握钉力研究 [J].西北林学院学报, 2016,31(5):281-285.
GAO C,LEI Y F,XUE F H,et al. A Study on Nail and Screw Holding Power of Reconstituted Square Lumber Made from Cotton Stalk [J]. Journal of Northwest Forestry University, 2016,31(5):281-285.
- [257] 杨 庆,雷亚芳,时蒙萌,等.麦秸碎料板贴面性能研究 [J].西北林学院学报, 2016,31(5):286-290.
YANG Q,LEI Y F,SHI M M,et al. Overlaying Performance of Wheat Straw Flake Boards [J]. Journal of Northwest Forestry University, 2016,31(5):286-290.
- [258] 迈迪娜·吐尔逊,玉米提·哈力克,古力比亚·乌买尔,等.阿克苏 5 种果树滞尘量对其水分利用效率的影响 [J].西北林学院学报, 2016,31(5):291-296.

- Maidina TUERXUN,Umut HALIK,Gulibiya WUMAIER,et al. The Effect of the Dust-retaining Capability of the Five Typical Fruit Trees Cultivated in Kokyar of Aksu on the Water Use Efficientcy [J]. Journal of Northwest Forestry University, 2016,31(5):291-296.
- [259] 孙姝亭,陈美谕,李 莹,等.北京市居民小区景观林林内景观质量评价研究 [J].西北林学院学报, 2016,31(5):297-305.
- SUN S T,CHEN M Y,LI P,et al. Assessment on In-forest Quality of Landscape Forest in Residential Area in Beijing[J]. Journal of Northwest Forestry University, 2016,31(5):297-305.
- [260] 王邵军,王 红,李霁航.土壤温度与水分对昆明城市绿地土壤呼吸时间动态的影响 [J].西北林学院学报, 2016,31(5):306-310.
- WANG S J,WANG H,LI J H. Effects of Soil Temperature and Moisture on the Temporal Variations of Soil Respiration under Forest and Lawn in Kunming [J]. Journal of Northwest Forestry University, 2016,31(5):306-310.
- [261] 王 冰,张羽震,贺文美,等.山桃叶片叶绿素 SPAD 值颜色特征与时空特征分析 [J].西北林学院学报, 2016,31(5):311-315.
- WANG B,ZHANG Y Z,HE W M,et al. Color and Spatio-temporal Characteristics of Chlorophyll SPAD Values of *Prunus davidiana* Leaves [J]. Journal of Northwest Forestry University, 2016,31(5):311-315.
- [262] 郭宏凯,邢萌萌,王婉清,等.北京 4 个常见树种空气颗粒物滞留能力研究 [J].西北林学院学报, 2016,31(5):316-320.
- GUO H K,XING M M,WANG W Q,et al. Research of PM-capturing Capability of Four Common Tree Species in Beijing [J]. Journal of Northwest Forestry University, 2016,31(5):316-320.
- [263] 闫会玲,杜勇军,李仁娜,等.西安地区 15 种果树园林观赏性评价 [J].西北林学院学报, 2016,31(5):321-324.
- YAN H L,DU Y J,LI R N,et al. Evaluation on Ornamental Value of 15 Kinds of Fruit Trees around Xi'an [J]. Journal of Northwest Forestry University, 2016,31(5):321-324.
- [264] 张增悦,姜 淮,李甜江,等.毛乌素沙地中国沙棘人工林早衰原因与特点 [J].西北林学院学报, 2016,31(6):1-6.
- ZHANG Z Y,JIANG Z,LI T J,et al. Causes and Features of *Hippophae rhamnoides* ssp.*sinensis* Plantation Premature Aging in Mu Us Sandland [J]. Journal of Northwest Forestry University, 2016,31(6):1-6.
- [265] 葛广华,殷彩云,王家强,等.塔里木河上游荒漠河岸林土壤水盐分布规律研究 [J].西北林学院学报, 2016,31(6):7-12.
- GE G H,YIN C Y,WANG J Q,et al. Soil Water Salt Distribution Rule in Desert Riparian Forests in the Upstream of Tarim River [J]. Journal of Northwest Forestry University, 2016,31(6):7-12.
- [266] 刘佩琪,邓志华,陈奇伯.城市园林对大气颗粒物的消减与大气中二氧化硫和氮氧化物的浓度变化 [J].西北林学院学报, 2016,31(6):13-18.
- LIU P Q,DENG Z H,CHEN Q B. Reduction of Atmospheric Particulate and the Concentration Change of Sulfur Dioxide and Nitrogen Oxides by Urban Forests [J]. Journal of Northwest Forestry University, 2016,31(6):13-18.
- [267] 张新平,张芳芳,王得祥,等.基于遥感指标的 6 个世园公园热环境效应对比分析 [J].西北林学院学报, 2016,31(6):19-25.
- ZHANG X P,ZHANG F F,WANG D X,et al. Comparative Analysis on Thermal Environment Effects of Six International Horticultural Exhibition Parks Based on Remote Sensing Indices in China [J]. Journal of Northwest Forestry University, 2016,31(6):19-25.
- [268] 李安明,郭小龙,张岗岗,等.小陇山林区日本落叶松人工林全林整体模型的建立与验证 [J].西北林学院学报, 2016,31(6):26-29.
- LI A M,GUO X L,ZHANG G G,et al. Establishment of the Whole *Larix kaempferi* Stand Model in Xiaolongshan Region [J]. Journal of Northwest Forestry University, 2016,31(6):26-29.
- [269] 王 飞,叶冬梅,刘怀鹏,等.兴安落叶松林不同生长阶段林下植被生物量分配 [J].西北林学院学报, 2016,31(6):30-33.
- WANG F,YE D M,LIU H P,et al. Understory Vegetation Biomass Allocation Features of *Larix gmelinii* in Different Growth Stages [J]. Journal of Northwest Forestry University, 2016,31(6):30-33.
- [270] 黎 芳,潘 萍,宁金魁,等.马尾松—木荷不同比例混交林林下植被物种组成及其多样性分析 [J].西北林学院学报, 2016,31(6):34-40.
- LI F,PAN P,NING J K,et al. Undergrowth Species Composition and Diversity of *Pinus massoniana* and *Schima superba* Mixed Stands with Different Proportions [J]. Journal of Northwest Forestry University, 2016,31(6):34-40.
- [271] 罗 佳,田育新,周小玲,等.几种生态树种滞留 PM_{2.5} 等颗粒污染物能力研究 [J].西北林学院学报, 2016,31(6):41-44.
- LUO J, TIAN Y X, ZHOU X L, et al. Capabilities of Some Ecological Tree Species to Retain PM_{2.5} [J]. Journal of Northwest

- Forestry University, 2016,31(6):41-44.
- [272] 秦永建,贾 波,毛培利,等.滨海盐碱地不同衰退程度刺槐树干液流规律 [J].西北林学院学报, 2016,31(6):45-49.
QIN Y J,JIA B,MAO P L,et al. A Study on Variation of Stem Sap Flow of Declined *Robinia pseudoacacia* in Costal Saline Soil [J]. Journal of Northwest Forestry University, 2016,31(6):45-49.
- [273] 郑世群,刘金福,冯雪萍,等.戴云山不同类型植物群落的物种多样性与稳定性研究 [J].西北林学院学报, 2016,31(6):50-57.
ZHENG S Q,LIU J F,FENG X P,et al. Species Diversity and Stability of Different Plant Communities in Daiyun Mountain [J]. Journal of Northwest Forestry University, 2016,31(6):50-57.
- [274] 郭雄飞,黎华寿,杨 玥,等.宫胁法造林对佛山市森林土壤质量的影响 [J].西北林学院学报, 2016,31(6):58-64.
GUO X F,LI H S,YANG Y,et al. Effects of Miyawaki Forest Reconstruction Method on Forest Soil Quality in Foshan [J]. Journal of Northwest Forestry University, 2016,31(6):58-64.
- [275] 田 菊,朱嘉磊,王永福,等.NaCl 胁迫下小胡系杨树的离子吸收规律与分配特征研究 [J].西北林学院学报, 2016,31(6):65-70.
TIAN J,ZHU J L,WANG Y F,et al. Regularities of the Ion Uptake and Allocation Characteristics for *Populus simonii* × *P.euphratica* Varieties under NaCl Stress [J]. Journal of Northwest Forestry University, 2016,31(6):65-70.
- [276] 周垂帆,林静雯,李 莹,等.草甘膦对土壤磷形态及有效性的影响 [J].西北林学院学报, 2016,31(6):71-77.
ZHUO C F,LIN J W,LI Y,et al. Effects of Glyphosate on Inorganic Phosphorus Transformation in Soil[J]. Journal of Northwest Forestry University, 2016,31(6):71-77.
- [277] 陈彦君,王德炉,丁 波.不同有机物覆盖对兔眼蓝莓土壤理化性质的影响 [J].西北林学院学报, 2016,31(6):78-82.
CHEN Y J,WANG D L,DING B,et al. Effects of Different Organic Matter Mulching on Soil Physicochemical Properties of Rabbiteye Blueberry [J]. Journal of Northwest Forestry University, 2016,31(6):78-82.
- [278] 马彦军,张莹花,张荣梅,等.不同种源黑果枸杞抗盐性比较 [J].西北林学院学报, 2016,31(6):83-88.
MA Y J,ZHANG Y H, ZHANG R M,et al. Salt Resistance Comparative Study of *Lycium ruthenicum* From Different Provenances [J]. Journal of Northwest Forestry University, 2016,31(6):83-88.
- [279] 戎建涛,刁 军,黄 瑛,等.利用两水平非线性混合效应模型建立温州地区天然阔叶树树高曲线 [J].西北林学院学报, 2016,31(6):89-95.
RONG J T,DIAO J,HUANG Y,et al. Tree Height Curve of Natural Broad-leaved Trees in Wenzhou Area Based on Two Level Nonlinear Mixed Effect Models [J]. Journal of Northwest Forestry University, 2016,31(6):89-95.
- [280] 李 乐,钟 迪,贾宝军,等.蒙古栎叶面积的数字图像法测定 [J].西北林学院学报, 2016,31(6):96-103.
LI L,ZHONG D,JIA B J,et al. Measurement of The Leaf Area of *Quercus mongolica* by Using Digital Image [J]. Journal of Northwest Forestry University, 2016,31(6):96-103.
- [281] 梁 雪,王 猛,石卓功.板栗丙酮酸磷酸双激酶基因的克隆与序列分析 [J].西北林学院学报, 2016,31(6):104-109.
LIANG X,WANG M,SHI Z G. Cloning and Sequence Analysis of *PPDK* Gene in *Castanea mollissima* [J]. Journal of Northwest Forestry University, 2016,31(6):104-109.
- [282] 侯姣姣,余仲东,康永祥,等.内生真菌侵染对古侧柏种子萌发及幼苗生长的影响 [J].西北林学院学报, 2016,31(6):110-115.
HOU J J,YU Z D,KANG Y X,et al. Effects of Endophytic Fungi on Seed Germination and Seedling Growth of Ancient *Platycladus orientalis* [J]. Journal of Northwest Forestry University, 2016,31(6):110-115.
- [283] 张 娅,韩 炜,窦晓静,等.两种基质对樟子松引种栽培的影响 [J].西北林学院学报, 2016,31(6):116-120.
ZHANG Y,HAN W,DOU X J,et al. Effects of Two Cultivating Matrixes on Introduced *Pinus sylvestris* var.*mongolica* [J]. Journal of Northwest Forestry University, 2016,31(6):116-120.
- [284] 欧万发,魏安智,王胜琪,等.3个种源花椒 1年生实生苗年生长节律观测与模拟 [J].西北林学院学报, 2016,31(6):121-125.
OU W F,WEI A Z,WANG S Q,et al. Observation and Simulation of the Growth Rules of One-year-old *Zanthoxylum bungeanum* Seedlings from Three Provenances [J]. Journal of Northwest Forestry University, 2016,31(6):121-125.
- [285] 杨秀平,岁立云,王淑惠.山桐子花芽分化及雌雄配子体发育 [J].西北林学院学报, 2016,31(6):126-132.
YANG X P,SUI L Y,WANG S H. Flower Bud Differentiation and Development of Male and Female Gametophytes in *Idesia polycarpa* [J]. Journal of Northwest Forestry University, 2016,31(6):126-132.
- [286] 王 梦,康永祥,王 富,等.黄帝陵古侧柏花粉生活力及其保存方法的研究 [J].西北林学院学报, 2016,31(6):133-139.

- WANG M,KANG Y X,WANG F,et al. Viability and Storage Methods of Ancient *Platycladus orientalis* Pollen in Huangdi Mausoleum [J]. Journal of Northwest Forestry University, 2016,31(6):133-139.
- [287] 朱亚艳,任世超,徐嘉娟,等.顶坛花椒结实性状表型多样性分析 [J].西北林学院学报, 2016,31(6):140-145.
- ZHU Y Y,REN S C,XU J J,et al. Phenotypic Diversity of Fruit Bearing Characters in *Zanthoxylum planispinum* var.*dingtanensis* [J]. Journal of Northwest Forestry University, 2016,31(6):140-145.
- [288] 王 蕾,李建春,孔绿玉,等.降水量对商州飞播油松成苗效果影响 [J].西北林学院学报, 2016,31(6):146-152.
- WANG L,LI J C,KONG L Y,et al. Influence of Rainfall on Effective Grown-up Seedlings of *Pinus tabulaeformis* for Aerial Seeding in Shangzhou County [J]. Journal of Northwest Forestry University, 2016,31(6):146-152.
- [289] 庞圣江,张 培,刘福妹,等.大青山林区米老排人工林伐桩萌芽更新研究 [J].西北林学院学报, 2016,31(6):153-156.
- PANG S J,ZHANG P,LIU F M,et al. Effects of Varied Diameter and Height of Stump on Sprout Regeneration of *Mytilaria laosensis* Plantations in Daqingshan [J]. Journal of Northwest Forestry University, 2016,31(6):153-156.
- [290] 王 梓,赵 燕,魏红旭.补光和寡糖添加处理对罗汉松苗木生长的影响 [J].西北林学院学报, 2016,31(6):157-161.
- WANG Z,ZHAO Y,WEI H X. Effects of Oligosaccharide Addition and Extension of Photoperiod on Spring Growth of Buddhist Pine Seedlings [J]. Journal of Northwest Forestry University, 2016,31(6):157-161.
- [291] 任利益,张延龙,牛立新,等.‘凤丹’油用牡丹实生优株选择及评判标准研究 [J].西北林学院学报, 2016,31(6):162-168.
- REN L Y,ZHANG Y L,NIU L X,et al. Selection of Excellent *Paeonia ostii* Individuals and Evaluation Standards [J]. Journal of Northwest Forestry University, 2016,31(6):162-168.
- [292] 邢小姣,陆 婷,马 楠,等.垂盆草人工种子制作技术研究 [J].西北林学院学报, 2016,31(6):169-174.
- XING X J,LU T,MA N,et al. Preparation Technique on Artificial Seeds of *Sedum sarmentosum* [J]. Journal of Northwest Forestry University, 2016,31(6):169-174.
- [293] 尉 倩,李淑娟,吴永朋,等.柔毛齿叶睡莲的繁殖及盆栽技术研究 [J].西北林学院学报, 2016,31(6):175-178.
- WEI Q,LI S J,WU Y P,et al. Propagation and Pot Cultivating Techniques of *Nymphaea lotus* var.*pubescens* [J]. Journal of Northwest Forestry University, 2016,31(6):175-178.
- [294] 周朝彬,胡 霞,宋于洋,等.射线组织径向变异及其贮藏功能研究进展 [J].西北林学院学报, 2016,31(6):179-183.
- ZHOU C B,HU X,SONG Y Y,et al. Radial Variation and Its Storage Function of Ray Tissue [J]. Journal of Northwest Forestry University, 2016,31(6):179-183.
- [295] 阿依佳玛丽·依玛尔,刘泽星,毛光瑞,等.不同生境春季核桃内生真菌分离及其多样性 [J].西北林学院学报, 2016,31(6):184-189.
- YIMAER · A-yi-jia-ma-li,LIU Z X,MAO G R,et al. Isolation and Diversity of Endophytic Fungi from *Juglans regia* in Spring under Different Habitats [J]. Journal of Northwest Forestry University, 2016,31(6):184-189.
- [296] 张正青,李孟楼.花绒寄甲 *ERR* 和 *bHLH* 基因筛选与序列分析 [J].西北林学院学报, 2016,31(6):190-196.
- ZHANG Z Q,LI M L. Identification and Sequence Analysis of *ERR* and *bHLH* Gene in *Dastarcus helophoroide* Transcriptome [J]. Journal of Northwest Forestry University, 2016,31(6):190-196.
- [297] 曹凤麟,王宏健,夏广东,等.太白山不同林带叶蝉多样性 [J].西北林学院学报, 2016,31(6):197-203.
- CAO F L,WANG H J,XIA G D,et al. Leafhopper (Hemiptera,Cicadellidae) Community Composition and Diversity in Different Forest Zones of Taibai Mountains [J]. Journal of Northwest Forestry University, 2016,31(6):197-203.
- [298] 王俊雅,李孟楼,王云果,等.温度对杜仲梦尼夜蛾生长发育及取食量和排粪量的影响 [J].西北林学院学报, 2016,31(6):204-209.
- WANG J Y,LI M L,WANG Y G,et al. Effects of Temperature on the Development,Ingestion and Defecation of *Orthosia songi* [J]. Journal of Northwest Forestry University, 2016,31(6):204-209.
- [299] 高智辉,王云果,张星利.甘肃莲花山国家级自然保护区森林病害调查 [J].西北林学院学报, 2016,31(6):210-213.
- GAO Z H,WANG Y G,ZHANG X L. Investigation of Forest Diseases in Lianhuashan National Nature Reserve of Gansu Province [J]. Journal of Northwest Forestry University, 2016,31(6):210-213.
- [300] 郑程莉,蔡永华,朱吉彬,等.林麝生长激素基因的克隆与生物信息学分析 [J].西北林学院学报, 2016,31(6):214-219.
- ZHENG C L,CAI Y H,ZHU J B,et al. Bioinformatics Analysis of *Moschus berezovskii* GH Gene [J]. Journal of Northwest Forestry University, 2016,31(6):214-219.

- [301] 胡瑞瑞,朱铭强,梁军,等.不同热解温度下杜仲枝粗木醋液抗氧化及抑菌活性研究和成分分析 [J].西北林学院学报, 2016,31(6):220-226.
HU R R,ZHU M Q,LIANG J,et al. Antioxidant and Antimicrobial Activities and Component Analysis of Crude Pyroligneous Acids of *Eucommia ulmoides* Branch Made at Different Temperatures [J]. Journal of Northwest Forestry University, 2016,31(6):220-226.
- [302] 安丽平,赵丽青,张晓涛,等.液化产物改性聚氨酯复合材料性能的研究 [J].西北林学院学报, 2016,31(6):227-231.
AN L P,ZHAO L Q,ZHANG X T,et al. Performance of Polyurethane Composite Modified by Liquefaction [J]. Journal of Northwest Forestry University, 2016,31(6):227-231.
- [303] 张强,王锐,张京芳.南瓜叶多糖提取工艺及抗氧化活性研究 [J].西北林学院学报, 2016,31(6):232-235.
ZHANG Q,WANG R,ZHANG J F. Extraction and Antioxidant Activity of Polysaccharide from Pumpkin Leaves[J]. Journal of Northwest Forestry University, 2016,31(6):232-235.
- [304] 刘玉莲,车飞,王海,等.苹果果实中糖、酸和花青素的组分及含量特征分析 [J].西北林学院学报, 2016,31(6):236-242.
LIU Y L,CHE F,WANG H,et al. Characteristics of the Components and Contents of Soluble Sugars,Organic Acids and Anthocyanins in Apple Fruit [J]. Journal of Northwest Forestry University, 2016,31(6):236-242.
- [305] 王少杰,邓华锋,吕常笑,等.基于单木水平和林分水平的油松兼容性生长模型 [J].西北林学院学报, 2016,31(6):243-249.
WANG S J,DENG H F,LYU C X,et al. Compatibility of Growth Model for *Pinus tabulaeformis* Based on Tree-and Stand-levels [J]. Journal of Northwest Forestry University, 2016,31(6):243-249.
- [306] 高凌寒,赵鹏祥,张晓莉,等.基于 Landsat 影像的西宁市主城区土地利用动态分析及预测 [J].西北林学院学报, 2016,31(6):250-256.
GAO L H,ZHAO P X,ZHANG X L,et al. Dynamic Analysis and Prediction of Land-use Based on the Landsat Images in Xining [J]. Journal of Northwest Forestry University, 2016,31(6):250-256.
- [307] 李梦颖,邢艳秋,王铮,等.基于 Landsat 影像的土地利用/覆盖变化研究——以吉林省汪清县为例 [J].西北林学院学报, 2016,31(6):257-263.
LI M Y,XING Y Q,WANG Z,et al. Changes of Land Coverage and Land Use in the Wangqing County Based on RS and GIS[J]. Journal of Northwest Forestry University, 2016,31(6):257-263.
- [308] 吕杰,汪康宁,李崇贵,等.基于小波变换和随机森林的森林类型分类研究 [J].西北林学院学报, 2016,31(6):264-267.
LYU J,WANG K N,LI C Get al. Classification of Forest Types Based on Discrete Wavelet Transform and Random Forests from GF-1 Images [J]. Journal of Northwest Forestry University, 2016,31(6):264-267.
- [309] 晏旭龙,吉杨婷,王倩娜,等.基于计算机模拟技术的生态种植优化策略 [J].西北林学院学报, 2016,31(6):268-274.
YAN X L,JI Y T,WANG Q N,et al. Optimization Strategies for Ecological Planting Based on Computer Simulation Technology [J]. Journal of Northwest Forestry University, 2016,31(6):268-274.
- [310] 朱光玉,康立.森林立地生产力评价指标与方法 [J].西北林学院学报, 2016,31(6):275-281.
ZHU G Y,KANG L. A Review of Forest Site Productivity Evaluation Indicators and Methods [J]. Journal of Northwest Forestry University, 2016,31(6):275-281.
- [311] 邢小艺,郝培尧,董丽,等.北京崎峰茶金矿废弃地植被特征研究及修复初探 [J].西北林学院学报, 2016,31(6):282-288.
XING X Y,HAO P Y,DONG L,et al. Vegetation Characteristics and Primary Restoration of Qifengcha Gold Ore Derelict Land in Beijing [J]. Journal of Northwest Forestry University, 2016,31(6):282-288.
- [312] 崔晓燕,段渊古,陆瑛.杭州市区秋季植物季相与景观特色探析 [J].西北林学院学报, 2016,31(6):289-294.
CUI X Y,DUAN Y G,GLU Y. Ornamental Value and Landscape Characteristics of the Seasonal Aspects in Autumn in Hangzhou [J]. Journal of Northwest Forestry University, 2016,31(6):289-294.
- [313] 李富程,刘影,樊敏,等.岷江上游干旱河谷区退耕还林还草的社会经济影响 [J].西北林学院学报, 2016,31(6):295-301.
LI F C,LIU Y,FAN M,et al. Impacts of Cultivated Land Conversion on Social Economic Changes in Arid Valley from the Upper Reaches of Min River [J]. Journal of Northwest Forestry University, 2016,31(6):295-301.
- [314] 朱玉伟,桑巴叶,王永红,等.新疆农田防护林生态系统服务功能价值核算 [J].西北林学院学报, 2016,31(6):302-307.
ZHU Y W,SANG B Y,WANG Y H,et al. Evaluation for Ecosystem Services Value of Farmland Shelterbelt in Xinjiang [J]. Journal of Northwest Forestry University, 2016,31(6):302-307.

- [315] 宁攸凉,宁泽逵.重点国有林区森工企业技术效率影响因素研究——基于面板数据模型的分析 [J].西北林学院学报, 2016,31(6):308-312.
- NING Y L, NING Z K. Impacting Factors of Technical Efficiency of National Forest Enterprises in Key State-owned Forest District: Based on the Panel Data Model [J]. Journal of Northwest Forestry University, 2016,31(6):308-312.