

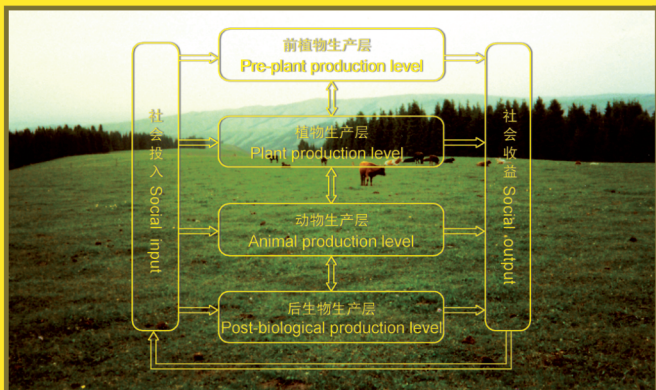
百种中国杰出学术期刊
中国科学引文数据库 (CSCD) 核心期刊
英国CABI文献数据库来源期刊
中国科技论文统计源期刊 (中国科技核心期刊)



ISSN 1004-5759
CN 62-1105/S

草业学报

ACTA PRATACTURAE SINICA



第31卷 Vol.31

7/2022

中国草学会

CAOYE XUEBAO

草业学报

(CAO YE XUE BAO)

2022年7月 第31卷 第7期 (月刊)

目次

研究论文

- 基于 Landsat 8 和随机森林的青海门源天然草地上生物量遥感估算 赵翊含, 侯蒙京, 冯琦胜, 等(1)
- 干旱区盐碱地食叶草根系形态分布适应策略研究 杨志新, 郑旭, 陈来宝, 等(15)
- 紫色土埂坎典型草根系摩阻特性对土壤含水率的响应 甘凤玲, 韦杰, 李沙沙(28)
- 锦鸡儿属植物功能性状与根际土壤细菌群落结构的关系 李媛媛, 徐婷婷, 艾喆, 等(38)
- 根际促生菌的筛选及其在尾矿改良中的应用 陈意超, 孙晓莹, 解智杰, 等(50)
- 多菌灵在果园白三叶青贮中的降解及其对微生物群落的影响 戈建珍, 傅文慧, 张露, 等(64)
- 晾晒、添加物及不同温度对象草青贮发酵品质和微生物的影响 田静, 尹祥, 樊杨, 等(76)
- 瘤胃纤维素降解菌系对灭菌水稻秸秆结构性碳水化合物降解的影响 李君风, 赵杰, 唐小月, 等(85)
- 康宁木霉固态发酵改善茶渣营养价值 崔艺燕, 李家洲, 田志梅, 等(96)
- 全基因组水平蒺藜苜蓿 *CPP* 基因家族的鉴定及表达模式分析 田骄阳, 王秋霞, 郑淑文, 等(111)
- 两类新疆狗牙根抗旱基因型抗氧化酶保护系统及其基因表达差异分析 曾令霜, 李培英, 孙宗玖, 等(122)
- 紫花苜蓿与垂穗披碱草混播比例对其抗寒生长生理特征的影响 刘彩婷, 毛丽萍, 阿依谢木, 等(133)
- 7种禾本科牧草抗旱性研究与评价 纪童, 蒋齐, 王占军, 等(144)
- 种植密度与施氮对玉米/秣食豆间作系统饲草产量、品质和氮肥利用的影响
..... 蒋紫薇, 刘桂宇, 安昊云, 等(157)
- 两种香花芥属植物叶片结构及光合特性研究 董梦宇, 王金鑫, 吴萌, 等(172)
- 种子引发对甜高粱角质层蜡质及其抗性的影响 姚露花, 蔡才, 杨建峰, 等(185)
- 基于多光谱成像技术快速无损检测紫花苜蓿人工老化种子 王雪萌, 何欣, 张涵, 等(197)
- 紫云英腐解液对牛筋草种子萌发及幼苗生长的影响 刘思林, 陈俊雪, 杨阳, 等(209)
- 钙盐胁迫对3份葛藤种质种子萌发及幼苗生理特性的影响 谢文辉, 黄莉娟, 赵丽丽, 等(220)

相关信息

- 《草业学报》投稿须知 (234)
- 爱国、创新、求实、奉献、协同、育人——优秀科学家 (235)

封面图片:框图引自任继周主编《草地农业生态系统通论》 背景为新疆天山牧场(张自和摄) 封面设计为张雪邛,史春燕

期刊基本参数:CN62-1105/S*1990*m*A4*236*zh*P*¥25.00*400*19*2022-07*n

ACTA PRATA CULTURAE SINICA

Volume 31, Number 7. July 20th, 2022

CONTENTS

- Estimation of aboveground biomass in Menyuan grassland based on Landsat 8 and random forest approach
..... ZHAO Yi-han, HOU Meng-jing, FENG Qi-sheng, *et al* (1)
- Morphological adaptation strategies of *Rumex hanus* planted in saline-alkali land of arid areas
..... YANG Zhi-xin, ZHENG Xu, CHEN Lai-bao, *et al* (15)
- Response of root-soil friction characteristics of three common grasses to soil water content in purple soil bunds
..... GAN Feng-ling, WEI Jie, LI Sha-sha (28)
- Relationship between plant functional traits and rhizosphere bacterial community structure of two *Caragana* species
..... LI Yuan-yuan, XU Ting-ting, AI Zhe, *et al* (38)
- Screening of rhizosphere growth promoting bacteria and their application in tailings improvement
..... CHEN Yi-chao, SUN Xiao-ying, XIE Zhi-jie, *et al* (50)
- Degradation of carbendazim in orchard white clover silage and its effect on the microbial fermentative community
..... GE Jian-zhen, FU Wen-hui, ZHANG Lu, *et al* (64)
- Effects of wilting and additives on the fermentation quality and dominant microbial genera in Napier grass silage at different temperatures TIAN Jing, YIN Xiang, FAN Yang, *et al* (76)
- Effect of a rumen cellulolytic microbial consortium on the degradation of structural carbohydrate in sterile rice straw silage
..... LI Jun-feng, ZHAO Jie, TANG Xiao-yue, *et al* (85)
- Solid-state fermentation with *Trichoderma koningii* improves nutritional value of tea dregs
..... CUI Yi-yan, LI Jia-zhou, TIAN Zhi-mei, *et al* (96)
- Genome-wide identification and expression profile analysis of the *CPP* gene family in *Medicago truncatula*
..... TIAN Jiao-yang, WANG Qiu-xia, ZHENG Shu-wen, *et al* (111)
- Analysis of antioxidant enzyme protection systems and gene expression differences in two Xinjiang bermudagrass genotypes with contrasting drought resistance ZENG Ling-shuang, LI Pei-ying, SUN Zong-jiu, *et al* (122)
- Effects of alfalfa (*Medicago sativa*) proportion on growth and physiological characteristics of cold resistance in mixtures with *Elymus nutans* LIU Cai-ting, MAO Li-ping, Ayixiemu, *et al* (133)
- An evaluation of drought resistance of seven Poaceous forages JI Tong, JIANG Qi, WANG Zhan-jun, *et al* (144)
- Effects of planting density and nitrogen application on forage yield, quality and nitrogen use efficiency in a maize/forage soybean intercropping system JIANG Zi-wei, LIU Gui-yu, AN Hao-yun, *et al* (157)
- Leaf structure and photosynthetic characteristics of two species of *Hesperis*
..... DONG Meng-yu, WANG Jin-xin, WU Meng, *et al* (172)
- Effects of seed priming on cuticular wax and resistance of sweet sorghum YAO Lu-hua, QI Cai, YANG Jian-feng, *et al* (185)
- Non-destructive identification of artificially aged alfalfa seeds using multispectral imaging analysis
..... WANG Xue-meng, HE Xin, ZHANG Han, *et al* (197)
- Effects of milkvetch (*Astragalus sinicus*) decomposition leachates on germination and seedling growth of goosegrass (*Eleusine indica*) LIU Si-lin, CHEN Jun-xue, YANG Yang, *et al* (209)
- Effects of calcium salt stress on seed germination and seedling physiological characteristics of three *Pueraria lobata* germplasm lines XIE Wen-hui, HUANG Li-juan, ZHAO Li-li, *et al* (220)