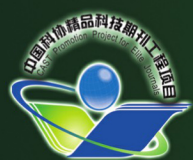


中文核心期刊
中国科学引文数据库(CSCD)核心期刊
英国CABI文摘数据库来源期刊
中国科技核心期刊
中国精品科技期刊

ISSN 1001-0629
CN 62-1069/S



草业科学

PRATACULTURAL SCIENCE

第39卷第8期 2022年8月

草业科学

PRATACULTURAL SCIENCE

Aug. 2022 Vol.39 No.8 1513-1732

中国草学会 主办
兰州大学草地农业科技学院

万方数据

草业科学

CAOYE KEXUE

第 39 卷第 8 期 (总第 349 期)

2022 年 8 月

目 次

前植物生产层

- 1513 祁连山高寒典型草原物种多样性和功能组成与牧草品质的关系 易灵心 李多才 安玉峰 马周文
- 1521 青藏高原草地非光合植被覆盖度时空动态 牛慧兰 任鸿瑞
- 1531 水分胁迫对发草种子萌发和幼苗生长的影响 孟思宇 李晓青 魏小星 刘文辉 张永超 鲍根生
- 1540 水杨酸浸种对盐胁迫下醉马草种子萌发和幼苗生长的影响 连鹤娜 李春杰
- 1550 不同入侵程度白花鬼针草碳氮磷化学计量干湿季节动态特征 崔现亮 王桔红 罗娅婷 赵利坤 郭 洁
- 1562 黑河源区退化草地恢复过程中土壤磷养分及其调控因子 苏世锋 李世雄 赵 文 董怡玲 刘晶晶 杜世丽 尹亚丽
- 1571 4 种常见水生鸢尾属植物幼苗的耐铅性评价 薄 伟 王 松 王 晋 康红梅 刘琛彬
- 1579 混单播措施下极度退化草地植被和土壤碳氮恢复效果研究 董怡玲 尹亚丽 李世雄 赵 文 刘晶晶 苏世锋 杜世丽
- 1587 罗布麻壳针孢生物学特性 冉阳露 蓝艳茹 王 莉 段廷玉

植物生产层

- 1599 紫花地丁种子萌发对干旱胁迫的响应 安忻蕾 严佳玥 魏 岩 陆 倩
- 1607 41 份木豆萌发期耐盐性综合评价 盛 伟 吴欣池 梁 浩 李慈云 马艳艳 张靖雪 丁西朋 李欣勇 刘国道
- 1618 紫花苜蓿密度及禾豆混播方式下草地生产性能及光合特性 滕 泽 张永亮 张玉霞 于铁峰 陈卫东 孙 昊 刘 欢 唐玉婷
- 1628 不同播量拉巴豆与甜高粱混播对混合饲草青贮品质的影响 倪 旺 王 斌 王腾飞 邱雪峰 李满有 冯 琴 兰 剑

动物生产层

1636	诱食剂对育肥湖羊采食偏好性、生长育肥性能和血液参数的影响	郭 涛 刘 鑫 李 飞 吕继蓉 刘 峰 黄明亚 张兆才
1643	东北鼯鼠与草原鼯鼠头骨特征及差异	商正昊妮 满都呼 袁 帅 付和平 伟 军 袁 伟 徐 凯 武晓东

后生物生产层

1653	乳酸菌制剂对灌溉区不同品种青饲玉米青贮发酵品质的影响	马淑敏 焦 婷 师尚礼 秦伟娜 王正文 赵生国 祁 娟
1664	3 种粗饲料配比巨菌草对饲粮组合效应的影响	郝生燕 王国栋 顾 娴 邹凤轩 董 俊 杨发荣 张兆杰
1675	有氧暴露下全株玉米青贮饲料品质及微生物动态变化	张 莓 王昌洲 叶兴腾 韩富荣 梁龙飞 孙文涛 郝 俊
1686	中国粮食省份间流通及对虚拟水土资源的影响	杨婷婷 张雪妮 高 翔 胡起源 王琦涵 伦 飞 陈晓琳
1698	蒲公英根提取物对菜籽油的抗氧化效果	王建芳 曹 让 辛清婷 蒋亚辉 杨培志
1706	新农科背景下草产品加工学 BOPPPS 模式的教学实践：以北京林业大学为例	张铁军 李富翠 杨珏婕 郭旭生 吴 哲 申玉华 董世魁
1715	基于 Web of Science 数据库对中美苜蓿研究趋势分析	王晓丽 冀 鋈 李 俊 于林清 王文颖
1724	草地保护学课程思政建设的思考与探索	袁明龙 段廷玉 俞斌华 李彦忠 田 沛 宋秋艳 李春杰

封面照片：牧草品质与物种多样性的相互关系既是草畜互作的重要基础，也是放牧稳定草原生态系统结构与功能的重要机制之一。本期作者易灵心等 (PP:1513-1520) 以甘肃马鹿放牧的祁连山高寒典型草原为研究对象，分析草原物种多样性和群落功能组成与牧草品质的关系及其对放牧的响应机制，为草原可持续放牧管理提供参考。(封面照片由兰州大学草地农业科技学院易灵心提供的格尔木荒漠草原)

PRATACULTURAL SCIENCE

Monthly Vol.39 No.8 August 2022

CONTENTS

- | | | |
|------|---|--|
| 1513 | Relationship among species diversity, functional composition, and forage quality in typical alpine grassland of the Qilian Mountains | YI Lingxin, LI Duocai, AN Yufeng, MA Zhouwen |
| 1521 | Spatio-temporal variations in non-photosynthetic vegetation cover on the Qinghai-Tibet Plateau grassland | NIU Huilan, REN Hongrui |
| 1531 | Effects of water stress on seed germination and seedling growth of <i>Deschampsia caespitosa</i> collected from five provenances | MENG Siyu, LI Xiaoqing, WEI Xiaoxing, LIU Wenhui, ZHANG Yongchao, BAO Gensheng |
| 1540 | Effects of soaking seeds in salicylic acid on seed germination and seedling growth of <i>Achnatherum inebrians</i> under salt stress | LIAN He'na, LI Chunjie |
| 1550 | Seasonal variations in C, N and P stoichiometry of <i>Bidens alba</i> under two invasive degrees | CUI Xianliang, WANG Juhong, LUO Yating, ZHAO Likun, GUO Jie |
| 1562 | Study on soil phosphorus nutrient and its regulatory factors during the restoration of degraded grassland in the source region of Heihe River | SU Shifeng, LI Shixiong, ZHAO Wen, DONG Yiling, LIU Jingjing, DU Shili, YIN Yali |
| 1571 | Evaluation of Pb resistance in seedlings of four common aquatic <i>Iris</i> species | BO Wei, WANG Song, WANG Jin, KANG Hongmei, LIU Chenbin |
| 1579 | A study on the recovery effect of extremely degraded grassland vegetation and soil carbon and nitrogen under mixed- and single-sown measures | DONG Yiling, YIN Yali, LI Shixiong, ZHAO Wen, LIU Jingjing, SU Shifeng, DU Shili |
| 1587 | Study on the biological characteristics of <i>Septoria apocyni</i> affecting <i>Apocynum venetum</i> | RAN Yanglu, LAN Yanru, WANG li, DUAN Tingyu |
| 1599 | Germination response of the chasmogamous and cleistogamous seeds of <i>Viola philippica</i> to drought | AN Xinlei, YAN Jiayue, WEI Yan, LU Qian |
| 1607 | Evaluation of salt tolerance in 41 pigeon pea varieties during germination | SHENG Wei, WU Xinchu, LIANG Hao, LI Ciyun, MA Yanyan, ZHANG Jingxue, DING Xipeng, LI Xinyong, LIU Guodao |
| 1618 | Grassland production performance and photosynthetic characteristics under different alfalfa densities and grass bean mixed sowing | TENG Ze, ZHANG Yongliang, ZHANG Yuxia, YU Tiefeng, CHEN Weidong, SUN Hao, LIU Huan, TANG Yuting |

- 1628 Effect of mixed sowing of *Dolichos lablab* and *Sorghum dochna* on mixed forage silage quality
NI Wang, WANG Bin, WANG Tengfei, QIU Xuefeng, LI Manyou, FENG Qin, LAN Jian
- 1636 Effects of different attractants on the feeding preferences, growth, and blood parameters in the fattening of Hu sheep
GUO Tao, LIU Xin, LI Fei, LYU Jirong, LIU Feng, HUANG Mingya, ZHANG Zhaocai
- 1643 Characteristics and differences between skulls of *Myospalax psilurus* and *Myospalax aspalax*
SHANG Zhenghaoni, Manduhu, YUAN Shuai, FU Heping, Weijun, YUAN Wei, XU Kai, WU Xiaodong
- 1653 Effects of lactic acid bacteria preparation on silage fermentation qualities of different green corns in an irrigated area
MA Shumin, JIAO Ting, SHI Shangli, QIN Weina, WANG Zhengwen, ZHAO Shengguo, QI Juan
- 1664 Associative effects of diets with different proportions of three types of roughage and *Pennisetum giganteum*
HAO Shengyan, WANG Guodong, GU Xian, ZOU Fengxuan, DONG Jun, YANG Farong, ZHANG Zhaojie
- 1675 Dynamic changes in the quality and microorganisms present in whole-plant corn silage under aerobic exposure
ZHANG Mei, WANG Changzhou, YE Xingteng, HAN Furong, LIANG Longfei, SUN Wentao, HAO Jun
- 1686 Study on inter-provincial grain trade and its impacts on virtual water and soil resources in China
YANG Tingting, ZHANG Xueni, GAO Xiang, HU Qiyuan, WANG Qihan, LUN Fei, CHEN Xiaolin
- 1698 Antioxidant effect of dandelion root extract on rapeseed oil
WANG Jianfang, CAO Rang, XIN Qingting, JIANG Yahui, YANG Peizhi
- 1706 Teaching practice of forage processing and storage based on the BOPPPS model under the background of new agricultural science: A case study in Beijing Forestry University
ZHANG Tiejun, LI Fucui, YANG Juejie, GUO Xusheng, WU Zhe, SHEN Yuhua, DONG Shikui
- 1715 Analysis of the research trend of alfalfa in China and the United States based on the Web of Science database
WANG Xiaoli, JI Jun, LI Jun, YU Linqing, WANG Wenying
- 1724 Thinking and exploration on the ideological and political construction of Grassland Protection
YUAN Minglong, DUAN Tingyu, YU Binhua, LI Yanzhong, TIAN Pei, SONG Qiuyan, LI Chunjie

ISSN 1001-0629
CN 62-1069/S

广告登记证号: 6200003116

邮发代号: 54-51
定价: 20.00元

