





Home | Journal Papers | About CNKI | User Service | FAQ | Contact Us | [中文](#)

Full-Text Search :

《Pratacultural Science》2005-01

[Add to Favorite](#) [Get Latest Update](#)

[Similar Journals](#)

The research progress of carbon storage in grassland ecosystem

ZHONG Hua-ping,FAN Jiang-wen,YU Gui-ruì,HAN Bin (Geographic Science and Natural Resources Research Institute, Chinese Academy of Sciences, Beijing 100101,China)

The paper introduced the research progresses of carbon accumulation in grassland ecosystem. The carbon storage, carbon cycle in grassland ecosystem and its role in global climate change were discussed. The factors affecting carbon stock in grassland ecosystem were evaluated, including primary productivity, organic carbon in the soil, plant litter, grazing and cropland exploitation. The main problems need to be resolved in the research of carbon stock in grassland ecosystem were pointed out.

【Key Words】 : **grassland ecosystem carbon cycle carbon storage carbon accumulation**

【Fund】 : 国家973项目"典型陆地生态系统碳通量/储量

【CateGory Index】 : S812



[Download\(CAJ format\)](#)



[Download\(PDF format\)](#)

CAJViewer7.0 supports all the CNKI file formats; AdobeReader only supports the PDF format.

【References】

Chinese Journal Full-text Database

10 Hits

- 1 ZHANG Pei-dong¹,MAJin-bao²(1.Institute of Environmental and Ecological Economy of LanzhouCommercial College ,Lanzhou 730020 ,China ;2.Wushaoling Forestry Center of Tianzhu Tibet Municipality County , Tianzhu 733203 ,China);[The meaning of forest and grassland ecosystemservice\[J\];Pratacultural Science;2005-08](#)
- 2 WANG Xiao-li¹,ZHANG Li²,ZHANG De-gang³,GAN You-min⁴,YANG Yu-hai⁵,MIAO Xiao-lin²,ZHOU Xue-hui²,DENG Chun-hui²,GUAN QUE Zha-xi⁵(1.Guizhou Grassland Science Research Institute,Dushan 558200;2.Lanzhou Institute of Animal Husbandry and Veterinary Pharmaceutical Science,CAAS,Lanzhou 730050;3.Gansu Agricultural University,Lanzhou 730070;4.Sichuan Agricultural University,yaan 625014;5.Sanjiao City Sheep Breeding Farm,Qinghai,Gangcha 812300);[Study on comparison of moderate and heavy degraded community of Kobresia capillifolia grassland around Qinghai Lake area\[J\];Pratacultural Science;2006-10](#)
- 3 CUI Xia,FENG Qi-sheng,LIANG Tian-gang(Key Laboratory of Grassland Agro-ecology System,Ministry of Agriculture;College of Pastoral Agriculture Science and Technology,Lanzhou University,Lanzhou 730020,China);[Research progress on remote sensing based net primary productivity of terrestrial Vegetation\[J\];Pratacultural Science;2007-10](#)
- 4 DAI Ya-ting,Narisu,WU Hong-xin,WANG Hai,QIN Yan,WANG Ning,ZHAO Hai-xia(Grassland Research Institute,Chinese Academy of Agricultural Sciences,Hohhot 010010,China);[The research progress of carbon cycle in temperate grassland of north China\[J\];Pratacultural Science;2009-09](#)
- 5 LI Qi¹,WANG Yun-long¹,HU Zheng-hua¹,XUE Hong-xi²,LI Jie¹(1.Nanjing University of Information Science and Technology,Jiangsu Nanjing 210044,China;2.Meteorological Observation Centre of CMA,Beijing 100081,China);[Research progress on carbon flux of grassland ecosystem based on the eddy covariance method in China\[J\];Pratacultural Science;2010-12](#)
- 6 WANG Jun-ming^{1,2},ZHANG Xing-chang¹(1.State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau,Institute of Soil and Water Conservation,Chinese Academy of Sciences,Yangling 712100,China;2.Graduate School,Chinese Academy of Sciences,Beijing 100049,China);[Changes of carbon storage in vegetation and soil during different successional stages of rehabilitated grassland\[J\];Acta Prataculturae Sinica;2009-01](#)
- 7 YU Guirui¹,WANG Qiufeng¹,ZHU Xianjin²(1.Synthesis Research Center of CERN,Key Laboratory of Ecosystem Network Observation and Modeling, Institute of Geographic Sciences and Natural Resources Research,CAS,Beijing 100101,China; 2.Graduate University of Chinese Academy of Sciences,CAS,Beijing 100049,China);[Methods and Uncertainties in Evaluating the Carbon Budgets of Regional Terrestrial](#)

[Ecosystems](#)[J];Progress in Geography;2011-01

WANG Feng1,2,WENG Bo-qi2,WANG Yi-xiang2(1.College of Resource and Environment,Fujian Agriculture and Forest University,Fuzhou,Fujian 350002,China;2.Agricultural Ecology Institute,Fujian Academy of Agriculture Sciences,Fuzhou,Fujian 350003,China);[Advance in research on effects of land use and management on soil carbon stock and fractions](#)[J];Fujian Journal of Agricultural Sciences;2009-03

JIA Hong-tao1,JIANG Ping-an1,ZHAO Cheng-yi2,HU Yu-kun2,LI Yun1(1.College of Pratacultural and Environmental Sciences,Xingjian Agricultural University,Urumqi,Xinjiang 830052,China;2.Xinjiang Ecological Geography Research Institute of Chinese Academy of Sciences,Urumqi,Xinjiang 830011,China);[The influence of enclosing life on carbon distribution of grassland ecosystem](#)[J];Agricultural Research in the Arid Areas;2009-01

YIN Yan-ting1,2,HOU Xiang-yang2,YUN Xiang-jun2(1.College of Pastoral Agriculture Science and Technology,Lanzhou University,Gansu Lanzhou 730020,China;2.Institute of Grassland Research,CAAS,Inner Mongolia Hohhot 010010,China);[Advances in the climate change influencing grassland ecosystems in Inner Mongolia](#)[J];Pratacultural Science;2011-06

【Citations】

Chinese Journal Full-text Database

10 Hits

- 1 LI Jin-hua, PAN Hao-wen, WANG Gang (Key Laboratory of Arid Agroecology, Lanzhou University, Lanzhou 730000, China);[Degradation causes of typical steppe in Inner Mongolia](#)[J];Pratacultural Science;2004-05
- 2 Liu Hua (Gansu Agricultural Survey and Design Academy, Lanzhou 730020) Shu Xiaoxi (Lanzhou Agricultural School, Lanzhou 730020) Zhao Yin Wang Suomin (Gansu Grassland Ecological Research Institute, Lanzhou 730020);[EFFECT OF SALT STRESS ON GROWTH AND CARBOHYDRATE CONTENTS IN PUCCINELLIA TENUIFLORA](#)[J];PRATACULTURAL SCIENCE;1997-01
- 3 Luo Tianxiang Li Wenhua Leng Yunfa Yue Yanzhen (Commission for Integrated Survey of Natural Resources, Chinese Academy of Sciences, Beijing 100101);[ESTIMATION OF TOTAL BIOMASS AND POTENTIAL DISTRIBUTION OF NET PRIMARY PRODUCTIVITY IN THE TIBETAN PLATEAU](#)[J];GEOGRAPHICAL RESEARCH;1998-04
- 4 Zhou Guangsheng 1) Zheng Yuanrun 2) Chen Siqing 4) (Institute of Botany,Chinese Academy of Sciences Beijing 100093) Luo Tianxian 3) (Commission for Integrated Survey of Natural Resources,Chinese Academy of Sciences Beijing1001);[NPP MODEL OF NATURAL VEGETATION AND ITS APPLICATION IN CHINA](#)[J];SCIENTIA SILVAE SINICAE;1998-05
- 5 Zhao Ji Liao Yangnan Zhang Guizhi Yu Zhonggui(Institute of Natural Resoures;Department of Biology);[The Soil Microbial Activity Effect After the Plant Residues in Different Phenological Periods and Litter of Aneurolepidium Chinense Return Steppe](#)[J];ACTA SCIENTIARUM NATURALIUM UNIVERSITATIS NEIMONGOL;1994-03
- 6 LUO Tian Xiang 1,LI Wen Hua 1,LUO Ji 2,WANG Qi Ji 3 (1 Commission for Integrate Survey of Natural Resources Chinese Academy of Sciences. Beijing 100101,China;2 Chengdu Institute of Mountain Hazards and Environment Chinese Academy of Sciences, Ch;[A comparative study on biological production of major vegetation types on the Tibetan Plateau](#)[J];ACTA ECOLOGICA SINICA;1999-06
- 7 WANG Xiao-Ke, BAI Yan-Ying, OUYANG Zhi-Yun, MIAO Hong (DSE, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China).;[Missing Sink in Global Carbon Cycle and Its Causes](#)[J];Acta Ecologica Sinica;2002-01
- 8 Yin Chengjun Huang Dehua Chen Zuozhong(Institute of Botany , Chinese Academy of Science ,Inner Mongolia Grassland Ecosystem Research Station ,Chinese Academy of Science , Beijing , 100044);[QUANTITATIVE RELATIONSHIPS BETWEEN THE LITTERDECOMPOSITION OF FOUR SPECIES IN INNERMONGOLIA GRASSLANI, AND CLIMATIC FACTORS](#)[J];ACTA ECOLOGICA SINICA;1994-02
- 9 Hou Guangliang You songcai(Commission for Integrated Survey of Natural Resources, Chinese Academy of Sciences);[TO CALCULATE CHINA'S PLANT-CLIMATE PRODUCTIVE POTENTIALITIES BY "CHIKUZO MODEL](#)[J];Journal of Natural Resources;1990-01
- 10 Zhu Zhi-cheng Jia Dong-lin (Department of Biology, Northwest University);[A PRELIMINARY STUDIES ON THE BIOMASS OF SPODIOPOGON SIBIRICUS COMMUNITY ON WOODLAND OF LOESS PLATEAU IN NORTH SHANXI PROVINCE](#)[J];;1991-03

【Co-citations】

Chinese Journal Full-text Database

10 Hits

- 1 CHEN Zhi-guo et al (Northwest Plateau Institute of Biology,the Chinese Academy of Sciences,Xining,Qinghai 810001);[Study on the Way of Restoration and Rebilitation of Vegetation in the Hgh-altitude Area of Qinghai-Tibetan Railway](#)[J];Journal of Anhui Agricultural Sciences;2006-23
- 2 SHI Jian-wei et al(Institute of Loess Plateau,Shanxi University,Taiyuan,Shanxi 030006);[Effect of EenvIRONMENTAL Stress on Non-structural Carbohydrates in Plant Body](#)[J];Journal of Anhui Agricultural Sciences;2007-09

- 3 WEI Bo et al (Department of Land Resources and Tourism Sciences,Nanjing University,Nanjing, Jiangsu 210093);[Assessment of Value of Ecological Function in Farmland](#)[J];Journal of Anhui Agricultural Sciences;2007-19
- 4 TIAN Yu-qiang et al (State Key Laboratory of Earth Surface Processes and Resource Ecology,Beijing Normal University,Beijing 100875);[Brief Reviews of Study on the Photosynthetic Properties of Alpine Meadows on the Tibetan Plateau](#)[J];Journal of Anhui Agricultural Sciences;2009-25
- 5 DENG Xiang-zheng et al (Institute of Geographic Sciences and Natural Resources Research,Chinese Academy of Sciences,Beijing 100101);[Management Strategy and Effect Evaluation for Carbon Sink of Farmland](#)[J];Journal of Anhui Agricultural Sciences;2009-32
- 6 WANG Xiao-ying et al (Shenyang Institute of Atmospheric Environment,CMA,Shenyang,Liaoning 110016);[Evaluation of the Carbon Budget of Liaoning Forest in Recent 50 years](#)[J];Journal of Anhui Agricultural Sciences;2010-08
- 7 LOU Xue-ting et al (The Key Laboratory for Silviculture and Conservation of Ministry of Education,Beijing Forestry University,Beijing 100083);[Analysis of Remote Sensing Monitoring and Dynamic Variation of NPP in the Loess Plateau](#)[J];Journal of Anhui Agricultural Sciences;2010-11
- 8 LI Hui-mei(Qinghai University for Nationalities,Xining,Qinghai 810007);[Assessment of Climate Productivity of Natural Grassland in the Three Rivers Sources Regions in Qinghai](#)[J];Journal of Anhui Agricultural Sciences;2010-12
- 9 LU Yuan et al(Faculty of Resources and Environmental Sciences,Guangxi Teachers College,Nanning,Guangxi 530001);[Estimation of Net Primary Productivity in the Northern Tibet Plateau by Using Remote Sensing](#)[J];Journal of Anhui Agricultural Sciences;2010-16
- 10 WU Le-zhi (Department of Geographical Science,Hubei Normal University,Huangshi,Hubei 435002);[Research Progress on the Estimation of Soil Organic Carbon Storage](#)[J];Journal of Anhui Agricultural Sciences;2010-25

China Proceedings of conference Full-text Database

10 Hits

- 1 WANG Jia'en, KANG Zhanjun, LIANG He, HU Yanhua, XIE Shaojuan (Zhejiang Institute of Geological Survey, Hangzhou 311203, China);[Estimate the Carbon Sequestration Due to Karst in Zhejiang Province](#)[A];[C];2010
- 2 WANG Jia-En,KANG Zhan-Jun,Liang He,Hu Yan-Hua (Zhejiang Institute of Geological Survey,Zhejiang Hangzhou 311203,China);[Preliminary Study of Fixing Carbon Capacity About Limestone in Zhejiang Province](#)[A];[C];2010
- 3 Dailiang Peng~1 Jingfeng Huang~1 Rui Deng~1 Chengxia Cai~2 Junfeng Xu~1 1 Institute of Remote Sensing & Information System Application,Zhejiang University, Hangzhou, Zhejiang, 310029, China; 2 Xinjiang Environment Weather Center, Urumchi, Xinjiang, 830002, China;[ESTIMATING NPP BY REMOTE SENSING DATA WITH GIS IN XINJIANG](#)[A];[C];2007
- 4 ZHONG Hua-ping,FAN Jiang-wen,YU Gui-ruì,HAN Bin,HU Zhong-min,YUE Yan-zhen,LIANG Biao (Institute of Geographic Sciences and Natural Resources, CAS Beijing 100101, China);[Progress of Carbon Cycle Research in Grassland Ecosystem](#)[A];[C];2003
- 5 Zhang Shen Geng Yuanbo Dong Yunshe Qi Yuchun Meng WeiqiLiang TaoKey Laboratory of Environmental Biogeochemistry Institute of Geographical Sciences and Natural Resources, CAS, Beijing 100101;[THE BIOGEOCHEMICAL CHARACTER ON THE TEMPERATE ZONE GRASSLAND OF INNER MONGOLIA](#)[A];[C];2000
- 6 YU Bao1,2,WU Ji-si-gu-leng3,WANG Li-ming4 ,ZHANG Qiu-liang5 (1.College of Soil and Water Conservation Beijing Forestry University, Beijing 100083,China; 2.State Academy of Forestry Administration, Beijing 102600, China;3.College of Forestry Beijing Forestry University, Beijing 100083,China; 4.Command College of Armed Police Forces Kinds of China, Beijing 102202,China;5. College of Forestry Inner Mongolia Agricultural University, Huhhot 010019,China);[Characteristics of Different Structure Productivity of Biomass in Larix gmelinii Natural Forest](#)[A];[C];2009
- 7 PAN Lei 1,XIAO Wen-fa2,TANG Wan-peng 1,SHI Yu-hu1,HUANG Zi-lin2(1.Hubei Academy of Forestry,Wuhan 430079,China;2.The Chinese Academy of Forestry,Beijing 100010,China.);[Simulation of the Climatic Productivity of Forest Vegetation in Three Gorges Reservoir Area](#)[A];[C];2009
- 8 LI Jun-ling1,2,ZOU Chun-hui1,2,LIU Zhong-yang1,2,GUO Qi-le1,2(1.Institute of Meteorological Sciences of Henan Province,Zhengzhou 450003;2.Key Laboratory of Agrometeorological Safeguard and Applied Technique,CMA,Zhengzhou 450003);[Estimation of terrestrial net primary production using GIS and RS in Henan Province](#)[A];[C];2010
- 9 Zhang Shanqing, Pu Zongchao (Urumqi Meteorological Bureau of Xinjiang, Urumqi 830001);[The influence of climate changes on NPP in Xinjiang](#)[A];[C];2010
- 10 Zhaoxia He, Cunjian Yang, Jing Ni, Qingmei Yan, Zhou Lu (Research center of RS&GIS, Key Lab of Land Resources Evaluation and Monitor,Sichuan Normal University, Cheng Du,610068);[Correlation analysis of the biomass of the Subtropical forest vegetation, LANDSAT TM data And topographical data](#)[A];[C];2010

【Co-references】

Chinese Journal Full-text Database

10 Hits

- LI Yue-mei et al(Northwest Plateau Institute of Biology.Chinese Academy of Science.Xining.Qinghai

- 1 810001);Effects of Different Land Use Modes on Organic Carbon and Its Component in Alpine Meadow Soil[J];Journal of Anhui Agricultural Sciences;2008-14
- 2 LI Hong-mei et al (Qinghai Climate Center,Xining,Qinghai 810001);Impacts and Countermeasures of Climate Change on Animal Husbandry in Qinghai Plateau and Its Surrounding Area[J];Journal of Anhui Agricultural Sciences;2010-32
- 3 WANG Gen xu 1, 2 , CHENG Guo dong 1 , SHEN Yong ping 1 (1. Key Laboratory of Frozen Soil Engineering, CAREERI, CAS, Lanzhou Gansu 730000, Chian; 2. Resources and Environmental College, Lanzhou University, Lanzhou Gansu 730000, China);Soil Organic Carbon Pool of Grasslands on the Tibetan Plateau and Its Global Implication[J];Journal of Glaciology and Geocryology;2002-06
- 4 FENG Hu-yuan~{1, 2}, CHENG Guo-dong~1, AN Li-zhe~1 ansu 730000, China;2. School of Life Sciences, Lanzhou University, Lanzhou Gansu 730000, China);Microbial-Mediated Methane Cycle in Soils and Global Change: A Review[J];Journal of Glaciology and Geocryology;2004-04
- 5 LI Ying-nian +1, GUAN Ding-guo +2, ZHAO Liang +1, GU Song +1, ZHAO Xin-quan +1(1.Northwest Plateau Institute of Biology, Chinese Academy of Sciences, Xining Qinghai 810001, China; 2.Studhorse Farm of Menyuan of Qinghai Province, Menyuan Qinghai 810300, China);Seasonal Frozen Soil and Its Effect on Vegetation Production in Haibei Alpine Meadow[J];Journal of Glaciology and Geocryology;2005-03
- 6 XU Shi-xiao.ZHAO Liang,LI Ying-nian,ZHAO Xin-quan,GU Song(Key Laboratory of Adaptation and Evolution of Plateau Biota,Northwest Institute of Plateau Biology,Chinese Academy of Sciences,Xining Qinghai 810001,China);The Correlation between CO₂ Flux and Temperature of the Alpine Shrub Meadow on the Tibetan Plateau[J];Journal of Glaciology and Geocryology;2007-05
- 7 WANG Jun-feng1,WANG Gen-xu3,WU Qing-bai1 (1.Cold and Arid Regions Environmental and Engineering Research Institute,Chinese Academy of Sciences,Lanzhou Gansu 730000,China;2.Institute of Mountain Hazards and Environment,Chinese Academy of Sciences,Chengdu Sichuan 610041,China);A Study of CO₂ Fluxes from the High-cold Swamp Meadows with Different Degradation on the Hinterland of Tibetan Plateau during Growing Season[J];Journal of Glaciology and Geocryology;2008-03
- 8 YUE Guang-yang,ZHAO Lin,ZHAO Yong-hua,LI Yuan-shou(Cryosphere Research Station on Qinghai-Xizang Plateau,Cold and Arid Regions Environmental and Engineering Research Institute,Chinese Academy of Sciences,Lanzhou Gansu 730000,China);Research Advances of Grassland Ecosystem CO₂ Flux on Qinghai-Tibetan Plateau[J];Journal of Glaciology and Geocryology;2010-01
- 9 JIN Hui-Jun 1 CHENG Guo-Dong 1 XU Bai-Qin 2 NAKANO Tomoko 3 (1 State Key Laboratory of Frozen Soil Engineering LIGG, CAS, 2 Laboratory of Ice core and Cold Regions Environments LIGG, CAS, Lanzhou 730000; 3 Institute for Environmental Studies, I;Study on CH₄ Fluxes from Alpine Wetlands at the Huashixia Permafrost Station, Tibetan Plateau[J];JOURNAL OF GLACIOLOGY AND GEOCRYOLOGY;1998-02
- 10 PIAO Shilong\FANG Jingyun\GUO Qinghua (Department of Urban & Environmental Science, Key Lab for Earth Surface Processes of the Ministry of Education, Peking University, Beijing, 100871);Terrestrial Net Primary Production and Its Spatio-temporal Patterns in China during 1982—1999[J];Acta Scientiarum Naturalum Universitatis Pekinesis;2001-04

【Secondary References】

Chinese Journal Full-text Database

10 Hits

- 1 BAO Wen (Business School,Chengdu University of Information Technology,Chengdu,Sichuan 610225);Eco-taxes and Sustainable Utilization of Grassland Resources[J];Journal of Anhui Agricultural Sciences;2009-32
- 2 LI Jun-bao1,2,ZHU Jin-zhong1,Tursunay-Reyimjan1,LIU Hong-lai1 (1.College of Grassland Science Xinjiang Agricultural University,Key Laboratory of Grassland Resources And Ecology in Xinjiang,Urumqi,830052,China;2.Shaanxi Sand Control Institute,Yulin,Shaanxi 719000,China);Effects of enclosing spring-autumn grassland on vegetative restoration at Zhaosu horse ranch[J];Grassland and Turf;2007-06
- 3 MA Bao-xia, BAI Bin, LI Jing-xia (Department of Environmental and Geographical Sciences, Ping Ding Shan College, Ping Ding Shan 467000, China; College of A&F Economic and Management of Lanzhou Commercial College, Lanzhou 730020, China; 3. College of Forest Science, Northwest A & F Science & Technology University, Yangling 712100, China);Evaluation on the nation-class Taibai Mountain Natural Reserve[J];Pratacultural Science;2006-12
- 4 CHEN Quan-gong (College of Pastoral Agricultural Science and Technology,Lanzhou University,Lanzhou 730020,China);Current status and development of grassland monitoring in China[J];Pratacultural Science;2008-02
- 5 MA Xuan-long,LI Wen-juan,CHEN Quan-Gong (Key Laboratory of Grassland Agro-ecosystem,Ministry of Agriculture,College of Pastoral Agriculture Science and Technology,Lanzhou University,Lanzhou 730020,China);Preliminary exploration of native grassland classification of Gansu Province based on GIS and comprehensive and sequential grassland classification method[J];Pratacultural Science;2009-05
- 6 YANG Xiao-mei1,CHENG Ji-min1,MENG Lei2,HAN Juan-juan2,FAN Wen-juan3(1.Institute of Soil and Water Conservation,Chinese Academy of Sciences and Ministry of Soil Resources,Shaanxi Yangling 712100,China;2.College of Animal Sciences,Northwest A & F University,Shaanxi Yangling 712100,China;3.College of life Sciences,Northwest A & F University,Shaanxi Yangling 712100,China);Study on soil organic carbon pool at forest-steppe zone of loess plateau[J];Pratacultural Science;2010-02

- 7 WANG Ying,XIA Wen-tao,LIANG Tian-gang(Key Laboratory of Grassland Agro-ecology System,Ministry of Agriculture,College of Pastoral Agriculture Science and Technology,Lanzhou University,Gansu Lanzhou 730020,China);[Research progress on spatial-temporal dynamic simulation model of net primary productivity of terrestrial ecosystems](#)[J];Pratacultural Science;2010-02
- 8 WANG Yu-tong,SHAO Xin-qing,HUANG Xin-ying,WANG Kun(Grassland Science Department,College of Animal Science and Technology,China Agricultural University,Beijing 100193,China);[Research progress on nitrogen uptake by plant roots](#)[J];Pratacultural Science;2010-07
- 9 LI Qi1,WANG Yun-long1,HU Zheng-hua1,XUE Hong-xi2,LI Jie1(1.Nanjing University of Information Science and Technology,Jiangsu Nanjing 210044,China;2.Meteorological Observation Centre of CMA,Beijing 100081,China);[Research progress on carbon flux of grassland ecosystem based on the eddy covariance method in China](#)[J];Pratacultural Science;2010-12
- 10 GAO Tian-ming1,ZHANG Rui-qiang1,LIANG Zhan-qi1,LIU Tie-jun1,GUO Jian-ying2,HAO Rui2(1.The Institute of Water Resources for Pastoral Areas,Inner Mongolia Huhhot 010020,China;2.Erdos water and soil conservation working station,Inner Mongolia Erdos 017000,China);[Soil respiration efflux of fencing grasslands in the Xilamuren regions](#)[J];Pratacultural Science;2011-01

【Secondary Citations】

Chinese Journal Full-text Database

10 Hits

- 1 Ma Qinyan(Forest Resource College);[A Study on the Biomass of Chinese Pine Forests](#)[J];Journal of Beijing Forestry University;1989-04
- 2 ZHANG Zi he (Gansu Grassland Ecological Institute, Lanzhou Gansu 730020 China);[Silent crisis desertification and degeneration of grasasland](#)[J];PRATACULTURAL SCIENCE;2000-02
- 3 Zhang Zihe(Gansu Grassland Ecological Research Institute,Lanzhou 730020);[THE EFFECT AND CAUSES OF GRASSLAND DEGENERTION](#)[J];PRATACULTURAL SCIENCE;1995-06
- 4 Wang Suomin Zhu Xingyun Wang Zengrong(Gansu Grassland Ecological Research Institute, Lanzhou 730020);[A Preliminary Study on the Effects of Osmotic Adjustment on Alkaligrass \(Puccinellia tenuiflora \) Seedling Growth under Salt Stress](#)[J];Acta Prataculturae Sinica;1993-03
- 5 Wang Suomin Zhu Xingyun Wang Zengrong (Gansu Grassland Ecological Research Institute, Lanzhou 730020);[The Effects of NaCl on Component of Free Amino Acid and the Contents of Pro in Alkaligrass](#)[J];Acta Prataculturae Sinica;1993-04
- 6 LI Zhen qing, LIU Zhen guo, CHEN Zuo zhong, YANG Zong gui (Institute of Botany, Chinese Academy of Sciences, Beijing 100093, China) ;[The effects of climate changes on the productivity in the Inner Mongolia stepe of China](#)[J];Acta Pratacultural Science;2003-01
- 7 Zhu Xingyun;Wang Suoming;Yan Shunguo;Shen Yuvin(Gansu Grassland Ecological Research Institute,lanzhou,Gansu 730020,P.R,China);[The Research Progresses of Plant Resistance to Salt and its Mechanism of Resistance in the Genus Puccinellia](#)[J];ACTA PRATACULTURAL SCIENCE;1994-03
- 8 Hao Zhigang;Hu Zizhi(Gansu University of Agriculture,Lanzhou,Gansu 730070,P。 R。 China)Zhu Xingyun(Gansu grassland Ecological Research Institute, Lanzhou,Gansu 730020,P。 R。 China);[The Studies on Salt Tolerance in Puccinellia spp](#)[J];ACTA PRATACULTURAL SCIENCE;1994-03
- 9 Ren Jizhou;Zhu Xingyun(Gansu Grassland Ecological Research Institute,Lanzhou,China 730020);[The Pattern of Agro—grassland Systems and System Discordance in Hexi Corridor of China:The Mechanism of Grassland Degradation](#)[J];ACTA PRATACULTURAL SCIENCE;1995-01
- 10 SUN Rui, Zhu Qi jiang (Department of Resource and Environment Sciences, Beijing Normal University, Beijing\ 100875);[Distribution and Seasonal Change of Net Primary Productivity in China from April, 1992 to March, 1993](#)[J];ACTA GEOGRAPHICA SINICA;2000-01

©2006 Tsinghua Tongfang Knowledge Network Technology Co., Ltd.(Beijing)(TTKN) All rights reserved

