

Prof. NURDAN ŞAHİN DEMİRBAĞ

Personal Information

Office Phone: [+90 312 596 1539](tel:+903125961539)

Fax Phone: [+90 312 596 1523](tel:+903125961523)

Web: <https://avesis.ankara.edu.tr/nsahin>

Address: Lizbon Caddesi 113/18 Öveçler Çankaya Ankara

International Researcher IDs

ORCID: 0000-0003-2173-2393

ScopusID: 24449752400

Yoksis Researcher ID: 114070

Education Information

Doctorate, Georg-August Universitat Zu Göttingen, Ziraat, Germany 2001 - 2005

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), Turkey 1997 - 2000

Undergraduate, Ankara University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, Turkey 1993 - 1997

Dissertations

Doctorate, Vegetationsentwicklung und Weideleistung von Grasland bei extensiver Beweidung mit Ochsen, Georg-August Universitat Zu Göttingen, Ziraat, 2005

Postgraduate, Nohut (cicer arietinum L.)'xxta farklı gübreleme yöntemlerinin verim ve verim öğeleri üzerine etkileri, Ankara University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), 2000

Research Areas

Agriculture

Academic Titles / Tasks

Professor, Ankara University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, 2016 - Continues

Courses

ÇAYIR MERA BİTKİLERİNDE YETİŞTİRME TEKNİKLERİ İLE KALİTE İLİŞKİLERİ, Postgraduate, 2022 - 2023

ÇAYIR VE MERALARDA BİTKİ ÇEŞİTLİLİĞİ YÜKSEK LİSANS, Postgraduate, 2022 - 2023

Yem Bitkileri ve Çayır Mera, Undergraduate, 2022 - 2023

Tarla Bitkileri, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Organik Tarım, Undergraduate, 2016 - 2017

Advising Theses

ŞAHİN DEMİRBAĞ N., Possible changes in yield of alfalfa (*Medicago sativa*) according to climate change projections, Postgraduate, M.ALİ(Student), 2021

ŞAHİN DEMİRBAĞ N., Determination of germination parameters on different tropic forage legumes genus, Postgraduate, S.MAESAROH(Student), 2018

ŞAHİN DEMİRBAĞ N., Ankara koşullarında hindi merasının otlatma süresince ot kalitesi, Postgraduate, S.IBRAHİM(Student), 2016

ŞAHİN DEMİRBAĞ N., Ankara'da otlanan ve otlanmayan iki meranın botanik kompozisyonu ile ot veriminin karşılaştırılması, Postgraduate, A.ÇELİK(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Estimation of Alfalfa (*Medicago sativa* L.) yield under RCP4.5 and RCP8.5 climate change projections with ANN in Turkey**
Pekin M. A., ŞAHİN DEMİRBAĞ N., Khawar K. M., APAYDIN H.
MAUSAM, vol.74, no.3, pp.847-860, 2023 (SCI-Expanded)
- II. **A New Approach to Measure Herbage Growth and Determining Botanical Composition, Live Weight Characteristics of Geese Grazing Using Different Pasture Mixtures**
Özkan U., Şahin Demirbağ N.
ANIMAL NUTRITION AND FEED TECHNOLOGY, vol.22, no.3, pp.589-604, 2022 (SCI-Expanded)
- III. **Vegetation height of patch more important for phytodiversity than that of paddock**
Wrage N., ŞAHİN DEMİRBAĞ N., Hofmann M., Isselstein J.
Agriculture, Ecosystems and Environment, vol.155, pp.111-116, 2012 (SCI-Expanded)
- IV. **DIRECT AXILLARY SHOOT REGENERATION FROM THE MATURE SEED EXPLANT OF THE HAIRY VETCH (*VICIA VILLOSA* ROTH)**
Aasim M., ŞAHİN DEMİRBAĞ N., Khawar K. M., KENDİR H., ÖZCAN S.
ARCHIVES OF BIOLOGICAL SCIENCES, vol.63, no.3, pp.757-762, 2011 (SCI-Expanded)
- V. **In vitro plant regeneration from Turkish Narbon Vetch (*Vicia narbonensis* L. var. *narbonensis* L.)**
KENDİR H., ŞAHİN DEMİRBAĞ N., Aasim M., Khawar K. M.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.4, pp.614-618, 2009 (SCI-Expanded)
- VI. **In vitro Propagation of Long Leaved Clover (*Trifolium pannonicum* ssp *elongatum*) Using Hypocotyle and Petiole Explants**
ŞAHİN DEMİRBAĞ N., KENDİR H.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.15, no.4, pp.319-323, 2009 (SCI-Expanded)
- VII. **In vitro plant regeneration from Narbon Vetch (*Vicia narbonensis* L.) using cotyledonary node explants**
KENDİR H., ŞAHİN DEMİRBAĞ N., Khawar K. M., Aasim M.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.7, no.14, pp.2491-2494, 2008 (SCI-Expanded)
- VIII. **In vitro regeneration of Turkish dwarf chickling (*Lathyrus cicera* L) using immature zygotic embryo explant**
ŞAHİN DEMİRBAĞ N., KENDİR H., Khawar K. M., Ciftci C. Y.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.7, no.12, pp.2030-2033, 2008 (SCI-Expanded)
- IX. **Adventitious Shoot Regeneration in Grasspea (*Lathyrus sativus* L.)**
ŞAHİN DEMİRBAĞ N., KENDİR H., Assim M.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.14, no.3, pp.297-302, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **QUALITY CHARACTERISTICS OF DIFFERENT FORAGE MIXTURES AFFECTED BY POULTRY GRAZING AND HARVESTING TIMES**
ŞAHİN DEMİRBAĞ N., OSMAN S. I. A., ÖZKAN U.
Journal of Applied Biological Sciences, vol.14, no.3, pp.365-375, 2020 (Peer-Reviewed Journal)
- II. **Pretreatment effect on amelioration of seed germination of zollinger's indigo (indigofera zollingeriana miq.) Indigofera zollingeriana'nin tohum çimlenmesinde ön işlem etkisinin iyileştirilmesi**
Maesaroh S., ŞAHİN DEMİRBAĞ N.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.30, no.1, pp.1-8, 2020 (Scopus)
- III. **Türkiyede Kaliteli Kaba Yem Kaynaklarını Mevcut Durumu**
ÖZKAN U., ŞAHİN DEMİRBAĞ N.
Türk Bilimsel Derlemeler Dergisi, vol.9, no.1, pp.23-27, 2016 (Peer-Reviewed Journal)
- IV. **Effects of fall dormancy and cutting times on Alfalfa's forage yield and quality components under central anatolian conditions**
ŞAHİN DEMİRBAĞ N., ÖZKAN U.
Journal of Applied Biological Sciences, vol.10, no.3, pp.61-64, 2016 (Scopus)
- V. **Yonca da Kış Dormansisi ve Ölçüm Metodu**
ÖZKAN U., SEVİMEY C. S., ŞAHİN DEMİRBAĞ N.
Turkish Journal of Scientific Reviews, vol.1, no.8, pp.51-53, 2015 (Peer-Reviewed Journal)
- VI. **Yonca (Medicago sativa L.)'da Kış Dormansisi ve Ölçüm Metodu**
ÖZKAN U., SEVİMEY C. S., ŞAHİN DEMİRBAĞ N.
Turkish Journal of Scientific Reviews, vol.1, no.8, pp.51-53, 2015 (Peer-Reviewed Journal)
- VII. **Determining of some cell wall compenents on Alfalfa's cultivars in central anatolian conditions**
ŞAHİN DEMİRBAĞ N., ÖZKAN U., Ekiz H.
Journal of Applied Biological Sciences, vol.9, no.2, pp.68-76, 2015 (Scopus)
- VIII. **The effects of different reaping periods on different lesser burnet cultivars to the feed efficiency and herbage yield under conditions of central Anatolia**
ŞAHİN DEMİRBAĞ N., ÖZKAN U., SEVİMEY C. S.
Journal of Applied Biological Sciences, vol.8, no.3, pp.21-27, 2014 (Scopus)
- IX. **Effects of different harvest time of crested wheatgrass which is in artificial range mixture on forage yield and hay quality under central Anatolia conditions**
ŞAHİN DEMİRBAĞ N., Ekiz H., ÖZKAN U.
Journal of Applied Biological Sciences, vol.8, no.1, pp.14-21, 2014 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Different Sown Pasture Mixtures Prepared Under Central Anatolia Conditions on Turkey Weights**
ÖZKAN U., ŞAHİN DEMİRBAĞ N., DOĞAN H., ALNIAK SEZER S.
ICENS 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Sarajevo, Bosnia And Herzegovina, 24 - 26 May 2016, pp.605-609
- II. **DETERMINATION OF FORAGE QUALITY COMPONENTS ON LESSER BURNET CULTIVARS UNDER CONDITIONS OF CENTRAL ANATOLIA TURKEY**
ŞAHİN DEMİRBAĞ N., ÖZKAN U., EKİZ H.
Fifth International Scientific Agricultural Symposium, Agrosym 2014, 22 - 24 September 2014
- III. **Orta Anadolu Koşullarında Adi Fiğ Vicia sativa L bitkisinin Farklı Biçim Zamanlarına Göre Biyolojik Verimi**
ŞAHİN DEMİRBAĞ N., ÖZKAN U., SEVİMEY C. S.
11. Tarla Bitkileri Kongresi, Turkey, 7 - 10 September 2015
- IV. **FALL DORMANCY AND CUTTING FREQUENCY IMPACT ON ALFALFA YIELD AND YIELD COMPONENTS**

UNDER CENTRAL ANATOLIAN CONDITIONS

ŞAHİN DEMİRBAĞ N., ÖZKAN U.

Balkan Agriculture Congress, Edirne, Turkey, 8 - 11 November 2014