

Prof. Coşkun Gülser

Personal Information

Office Phone: [+90 362 312 1919](tel:+903623121919) Extension: 1390

Email: cgulser@omu.edu.tr

Web: <https://avesis.omu.edu.tr/cgulser>

Address: Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Toprak Bilimi ve Bitki Besleme Bölümü 55139 Atakum Samsun

International Researcher IDs

ScholarID: 9XAjeZIAAAAJ

ORCID: 0000-0002-6332-4876

Publons / Web Of Science ResearcherID: AAN-6992-2021

ScopusID: 16052878100

Yoksis Researcher ID: 8343

Education Information

Doctorate, University of Nebraska-Lincoln, Agronomy, Soil & Water Science, United States Of America 1994 - 1998

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), Turkey 1990 - 1993

Undergraduate, Ataturk University, Ziraat Fakültesi, Toprak Bölümü, Turkey 1985 - 1989

Dissertations

Postgraduate, Samsun ili merkez ve Bafra ilçelerinde tütün yetiştirilen toprakların azot durumu ve bu topraklarda yaygın azot kapsamının belirlenmesinde kullanılacak yöntemler üzerine bir araştırma, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), 1993

Research Areas

Agricultural Sciences, Soil Physics (moisture and hydromechanics, gas content, thermal phenomena), Soil Chemistry (inorganic,organic), Soil and Water Storage and Management

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2011 - Continues

Associate Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2005 - 2011

Assistant Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 1999 - 2005

Research Assistant, University of Nebraska-Lincoln, Agronomy, Soil & Water Science, 1994 - 1998

Research Assistant, Ondokuz Mayıs University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 1990 - 1993

Academic and Administrative Experience

Ondokuz Mayıs University, 2014 - Continues

Ondokuz Mayıs University, 2004 - Continues

Ondokuz Mayıs University, 2006 - 2014

Courses

Mesleki Uygulama II, Undergraduate, 2014 - 2015

Toprak Düzenleyiciler ve Bitki Yetiştirme Ortamları, Postgraduate, 2014 - 2015

Toprakların Fiziksel Kimyası, Doctorate, 2014 - 2015, 2012 - 2013

TOPRAK BİLGİSİ, Undergraduate, 2014 - 2015, 2013 - 2014

TOPRAK KALİTESİ VE DEĞERLENDİRİLMESİ, Postgraduate, 2014 - 2015, 2012 - 2013

İleri Toprak Fiziği, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Toprak Islahı ve Düzenleyiciler, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Mesleki Uygulama I, Undergraduate, 2014 - 2015

Toprak Organik Maddesi, Doctorate, 2014 - 2015

Toprak Fiziği, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

TOPRAK BİTKİ SU İLİŞKİLERİ, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

ATIK VE ARTIKLARIN DEĞERLENDİRİLMESİ, Doctorate, 2014 - 2015, 2013 - 2014

Erozyon ve Toprak Verimliliği, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Toprakta Katıların Hareketi, Doctorate, 2013 - 2014

Toprak Bilgisi, Postgraduate, 2012 - 2013

DeneySEL Toprak Fiziği, Doctorate, 2011 - 2012

Organik Tarımda Toprak Yönetimi, Undergraduate, 2011 - 2012

İleri Toprak Mekaniği, Doctorate, 2009 - 2010

Doğal Kaynakların Kullanılması ve Korunması, Undergraduate, 2009 - 2010

Advising Theses

Gülser C., Prina atığından üretilen vermikompostun toprağın mekaniksel özelliklerine etkisi, Postgraduate, S.AYAR(Student), 2022

Gülser C., Effect of geotextile containing chicken feather on soil properties- a field experiment, Postgraduate, I.E(Student), 2022

Gülser C., Effects of vermikompost and planting on soil aggregate formation and organic carbon content, Postgraduate, D.EBUNOLUWA(Student), 2022

Gülser C., THE IMPACT OF SLOPE ASPECT ON SOIL TEMPERATURE AND WATER CONTENT IN TWO PROFILES IN PIENINY NATIONAL PARK, POLAND., Postgraduate, N.ABDELHAFIZ(Student), 2022

Gülser C., Pirinadan üretilen asitleştirilmiş vermikompostun kalkerli bir toprakta farklı sulama seviyelerinde toprak özellikleri ve biber gelişimi üzerine etkileri, Postgraduate, B.KARAPIÇAK(Student), 2022

Gülser C., Application of tea waste compost to improve properties of a calcareous soil under different irrigation levels, Doctorate, M.AZAMİ(Student), 2021

Gülser C., Hümik asit ile uygulanan vermikompostun toprağın fizikokimyasal özelliklerine etkisi, Postgraduate, E.IRMAK(Student), 2021

Gülser C., Farklı tuz çözeltilerinin toprakta kıvam limitleri üzerine etkisi, Postgraduate, N.KARA(Student), 2019

Gülser C., Orta Karadeniz Bölgesindeki fındık bahçelerinde sürdürülebilir toprak yönetimi açısından toprak özelliklerinin değerlendirilmesi, Postgraduate, C.GÖKÇE(Student), 2019

Gülser C., Karadeniz yöresinde farklı tarımsal atık uygulamalarının toprağın bazı fizikokimyasal özellikleri ve patates verimine etkisi, Postgraduate, G.CANSIZ(Student), 2019

Gülser C., Farklı Kuraklık Koşullarında Kompost Uygulamasının Toprağın Fizikokimyasal Özelliklerine ve Bitki Gelişimine Etkisi, Postgraduate, U.YALÇIN(Student), 2019

Gülser C., Farklı su stres koşullarında yapraktan gübrelemenin buğday bitkisinin su kullanma randımanı üzerine etkisi, Postgraduate, G.OY(Student), 2018

Gülser C., Topraklarda potasyum fiksasyonunun strüktürel gelişime etkisi, Postgraduate, S.DEMİRKAYA(Student), 2017

Coşkun G., Selenyum uygulamalarının kuraklık stresi altındaki çerezlik balkabağı (Cucurbita pepo L.) bitkisinin gelişimine ve antioksidant enzim aktivitelerine etkileri, Postgraduate, T.HASİBE(Student), 2016

Gülser C., Çarşamba Ovası sol sahil topraklarının mekaniksel özellikleri ve işlenebilirlikleri, Postgraduate, Y.KANEL(Student), 2015

Gülser C., Çarşamba Ovası sol sahil topraklarında yorgunluk parametrelerinin belirlenmesi, Doctorate, S.İÇ(Student), 2015

Gülser C., İklim verilerinin toprak sıcaklığı üzerine etkisi ve toprak sıcaklığının tahmininde kullanılabilirliği, Postgraduate, T.KUTLU(Student), 2013

Gülser C., Menderes ilçesinde zeytincilik ve bağcılık açısından toprak kalitesinin değerlendirilmesi, Postgraduate, B.DOĞAN(Student), 2012

Gülser C., Çeltik kavuzu kompostunun bitki su tüketimi ve toprak kalitesine etkisi, Doctorate, Z.DEMİR(Student), 2012

Gülser C., Toprakların fiziksel ve kimyasal özellikleri ile spesifik yüzey alanları arasındaki ilişkiler, Postgraduate, D.YILMAZ(Student), 2007

Gülser C., Farklı orijinli organik atıklardan ayrılan bazı mineral maddelerin toprak profili boyunca değişimi, Postgraduate, Z.KARA(Student), 2005

Gülser C., Organik maddenin toprağın bazı fiziksel ve mekaniksel özellikleri üzerine etkisi, Postgraduate, S.İÇ(Student), 2005

Gülser C., Organik atıkların toprak kalite indeksleri ve nitrat azotu üzerine etkileri, Doctorate, F.CANDEMİR(Student), 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Alternative Sucker Management Method in Hazelnut: Application of Nitrogen Fertilizer Solution**
Serdar Ü., Gülser C., Akyüz B., Balta A., Cil Y., Figen F. Y.
ERWERBS-OBSTBAU, vol.64, no.2, pp.237-244, 2022 (SCI-Expanded)
- II. **Realizing United Nations Sustainable Development Goals for Greener Remediation of Heavy Metals-Contaminated Soils by Biochar: Emerging Trends and Future Directions**
Mazarji M., Bayero M. T., Minkina T., Sushkova S., Mandzhieva S., Tereshchenko A., Timofeeva A., Bauer T., Burachevskaya M., Kızılkaya R., et al.
SUSTAINABILITY, vol.13, no.24, 2021 (SCI-Expanded)
- III. **Environmental and human health risk assessment of potentially toxic elements in soils around the largest coal-fired power station in Southern Russia**
Minkina T., Konstantinova E., Bauer T., Mandzhieva S., Sushkova S., Chaplygin V., Burachevskaya M., Nazarenko O., Kızılkaya R., Gülser C., et al.
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, vol.43, no.6, pp.2285-2300, 2021 (SCI-Expanded)
- IV. **Effects of Rice Husk Compost on Some Soil Properties, Water Use Efficiency and Tomato (Solanum lycopersicum L.) Yield under Greenhouse and Field Conditions**
Demir Z., GÜLSER C.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.52, no.9, pp.1051-1068, 2021 (SCI-Expanded)
- V. **Transformation of copper oxide and copper oxide nanoparticles in the soil and their accumulation by Hordeum sativum**
Burachevskaya M., Minkina T., Mandzhieva S., Bauer T., Nevidomskaya D., Shuvaeva V., Sushkova S., Kızılkaya R., GÜLSER C., Rajput V.

ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, vol.43, no.4, pp.1655-1672, 2021 (SCI-Expanded)

- VI. **Sustainability of agricultural and wild cereals to aerotechnogenic exposure**
Chaplygin V., Mandzhieva S., Minkina T., Sushkova S., Kızılkaya R., Gülser C., Zamulina I., Kravtsova N., Lobzenko I., Chernikova N.
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, vol.43, no.4, pp.1427-1439, 2021 (SCI-Expanded)
- VII. **Evaluation of a Commercial Multiplex Tandem Polymerase Chain Reaction Method for the Identification of the Yeasts Isolated from Blood Cultures**
D., GÜLSER C.
Mikrobiyoloji Bülteni, vol.54, no.4, pp.596-605, 2020 (SCI-Expanded)
- VIII. **Factors explaining urban land value variability: a case study in Atakum District, Samsun-Turkey**
Kılıç O., Başer U., Gulser C.
NEW MEDIT, vol.18, no.4, pp.79-88, 2019 (SCI-Expanded)
- IX. **Chemical contamination in upper horizon of Haplic Chernozem as a transformation factor of its physicochemical properties**
Minkina T. M., Pinskii D. L., Zamulina I. V., Nevidomskaya D. G., Gülser C., Mandzhieva S. S., Bauer T. V., Morozov I. V., Sushkova S. N., Kızılkaya R.
JOURNAL OF SOILS AND SEDIMENTS, vol.18, no.6, pp.2418-2430, 2018 (SCI-Expanded)
- X. **Changes of soil hydraulic properties during the decomposition of organic waste in a coarse textured soil**
Gülser C., Minkina T., Sushkova S., Kızılkaya R.
JOURNAL OF GEOCHEMICAL EXPLORATION, vol.174, pp.66-69, 2017 (SCI-Expanded)
- XI. **Effects of agricultural wastes on the hydraulic properties of a loamy sand cropland in Turkey**
GÜLSER C., Candemir F.
SOIL SCIENCE AND PLANT NUTRITION, vol.61, no.3, pp.384-391, 2015 (SCI-Expanded)
- XII. **Changes in Soil Quality by Compost and Hazelnut Husk Applications in a Hazelnut Orchard**
Gülser C., Kızılkaya R., Aşkın T., Ekberli I.
COMPOST SCIENCE & UTILIZATION, vol.23, no.3, pp.135-141, 2015 (SCI-Expanded)
- XIII. **Compositional analysis for an unbiased measure of soil aggregation**
Parent L. E., de Almeida C. X., Hernandez A., Egozcue J. J., GÜLSER C., Bolinder M. A., Katterer T., Andren O., Parent S. E., Anctil F., et al.
GEODERMA, vol.179, pp.123-131, 2012 (SCI-Expanded)
- XIV. **Influencing Factors and Prediction of Hydraulic Conductivity in Fine-Textured Alkaline Soils**
Candemir F., GÜLSER C.
ARID LAND RESEARCH AND MANAGEMENT, vol.26, no.1, pp.15-31, 2012 (SCI-Expanded)
- XV. **Changes in chemical compositions of substrates before and after Ganoderma lucidum cultivation**
Peksen A., Yakupoglu G., Yakupoglu T., Gulser C., Ozturk E., Ozdemir N.
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.27, no.3, pp.637-642, 2011 (SCI-Expanded)
- XVI. **Effects of Different Agricultural Wastes on Some Soil Quality Indexes in Clay and Loamy Sand Fields**
Candemir F., GÜLSER C.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.42, no.1, pp.13-28, 2011 (SCI-Expanded)
- XVII. **Changes in some soil properties at different incubation periods after tobacco waste application**
GÜLSER C., Demir Z., İc S.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.31, no.5, pp.671-674, 2010 (SCI-Expanded)
- XVIII. **Short communication. Relationships between soil properties and soilborne viruses transmitted by Polymyxa betae Keskin in sugar beet fields**
Yilmaz N. D., Sökmen M., Gulser C., Saracoglu S., Yilmaz D.
SPANISH JOURNAL OF AGRICULTURAL RESEARCH, vol.8, no.3, pp.766-769, 2010 (SCI-Expanded)
- XIX. **Accumulation of Tobacco mosaic virus (TMV) at different depths clay and loamy sand textural soils due to tobacco waste application**
GÜLSER C., Yilmaz N. D., Candemir F.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.146, no.1-3, pp.235-242, 2008 (SCI-Expanded)

- XX. **Changes in organic carbon, NO₃-N, electrical conductivity values and soil respiration along a soil depth due to surface application of organic wastes**
Demir Z., GÜLSER C.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.3, pp.2011-2021, 2008 (SCI-Expanded)
- XXI. **Changes in organic carbon, NO₃-N, electrical conductivity values and soil respiration along a soil depth due to surface application of organic wastes**
Demir Z., GÜLSER C.
Asian Journal of Chemistry, vol.20, no.3, pp.2011-2021, 2008 (SCI-Expanded)
- XXII. **Changes in some chemical and physical properties of a sandy clay loam soil during the decomposition of hazelnut husk**
Candemir F., GÜLSER C.
Asian Journal of Chemistry, vol.19, no.3, pp.2452-2460, 2007 (SCI-Expanded)
- XXIII. **Effect of forage cropping treatments on soil structure and relationships with fractal dimensions**
Gulser C.
GEODERMA, vol.131, no.1-2, pp.33-44, 2006 (SCI-Expanded)
- XXIV. **Using tea waste as a new casing material in mushroom (*Agaricus bisporus* (L.) Sing.) cultivation**
Gulser C., Peksen A.
BIORESOURCETECHNOLOGY, vol.88, no.2, pp.153-156, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **The effect of hazelnut husk applications on some properties of hazelnut orchard soil and hazelnut yield**
Bayraklı B., GÜLSER C., ÖZYAZICI G., Özyazıcı M. A., kesim e.
Ege Üniversitesi Ziraat Fakültesi Dergisi, vol.60, no.3, pp.437-449, 2023 (Peer-Reviewed Journal)
- II. **Changes in some physical properties of the soils tread with wheat straw and rice husk under the rotation of white-head cabbage, tomato and wheat**
BAYRAKLI B., GÜLSER C.
Soil Studies, vol.12, no.1, pp.30-39, 2023 (Peer-Reviewed Journal)
- III. **Morphologic and chemical characterizations of some salep orchids**
Çalışkan Ö., Beşir Özgeçen A., Anıl M., Gülser C., Yazıcı F., Kurt D.
Eurasian Journal of Soil Sciences, vol.12, 2023 (Scopus)
- IV. **Tarım İşletmelerinde Sulama Yöntemi Tercihlerinin Arazi Kullanımı Açısından Değerlendirilmesi**
AYDIN ERYILMAZ G., KILIÇ O., GÜLSER C.
Türkiye Tarımsal Araştırmalar Dergisi, vol.9, no.2, pp.209-215, 2022 (Peer-Reviewed Journal)
- V. **The effects of two Fe-EDDHA chelated fertilizers on dry matter production and Fe uptake of tomato seedlings and Fe forms of a calcareous soil**
Ay A., Demirkaya S., Kızılkaya R., Gülser C.
Eurasian Journal of Soil Science, vol.11, no.3, pp.259-265, 2022 (Scopus)
- VI. **Effects of agricultural wastes on some physical properties of clay loam soil**
GÜLSER C.
Agricultural Sciences Journal of the Agricultural University-Plovdiv, vol.14, no.33, pp.4-10, 2022 (Peer-Reviewed Journal)
- VII. **Impact of NPK fertilization on hazelnut yield and soil chemical-microbiological properties of Hazelnut Orchards in Western Georgia**
Kızılkaya R., Dumbadze G., Gülser C., Jgenti L.
Eurasian Journal of Soil Science, vol.11, no.3, pp.206-215, 2022 (Scopus)
- VIII. **Investigation of Thermal Characteristics of Some Soils of the Engiz Basin in the Ondokuz Mayıs District of Samsun**
EKBERLİ İ., DENGİZ O., GÜLSER C., ORMANCI İ. F., AYDIN A.

Anadolu Tarım Bilimleri Dergisi, vol.37, no.2, pp.387-404, 2022 (Peer-Reviewed Journal)

- IX. **The relationship of some heat parameters of the soil with the maximum soil temperature**
EKBERLİ İ., GÜLSER C.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.10, no.1, pp.82-90, 2022 (Peer-Reviewed Journal)
- X. **Sinop İlinde Çiftçilerin Sulama Yöntemleriyle İlgili Tercihleri**
AYDIN ERYILMAZ G., KILIÇ O., GÜLSER C.
Türkiye Tarımsal Araştırmalar Dergisi, 2022 (Peer-Reviewed Journal)
- XI. **Effects of deforestation on soil properties and organic carbon stock of a hillslope position land in Black Sea Region of Turkey**
GÜLSER C., Ekberli İ., Gülser F.
Eurasian Journal of Soil Science, vol.10, no.4, pp.278-284, 2021 (Scopus)
- XII. **Mathematical modeling of the groundwater level depending on the change of groundwater table height**
EKBERLİ İ., GÜLSER C.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.9, no.1, pp.23-29, 2021 (Peer-Reviewed Journal)
- XIII. **Investigation of the time-independent one-dimensional thermal conductivity of the soil**
EKBERLİ İ., GÜLSER C., DENGİZ O.
Anadolu Tarım Bilimleri Dergisi, vol.36, no.2, pp.212-220, 2021 (Peer-Reviewed Journal)
- XIV. **An Investigation on Heat Flow and Quantity of Heat Young and Developing Soils formed on Alluvial Deposit**
EKBERLİ İ., GÜLSER C., DENGİZ O.
Toprak Su Dergisi, vol.10, no.1, pp.1-12, 2021 (Peer-Reviewed Journal)
- XV. **Soil Structure and Moisture Constants Changed by Tobacco Waste Application in a Clay Textured Field**
GÜLSER C.
Toprak Su Dergisi, vol.10, no.2, pp.88-93, 2021 (Peer-Reviewed Journal)
- XVI. **Determination of Regression Models Between Thermal Properties of Soils and Some Physical and Chemical Properties**
EKBERLİ İ., GÜLSER C., DENGİZ O.
Toprak Su Dergisi, vol.10, no.1, pp.68-77, 2021 (Peer-Reviewed Journal)
- XVII. **Characterization of biochars derived from slow pyrolysis of agricultural originated wastes D., GÜLSER C.**
Toprak Bilimi ve Bitki Besleme Dergisi, vol.11, no.2, pp.111-121, 2020 (Peer-Reviewed Journal)
- XVIII. **Determination of Heat Flow in Profiles of Some Vertisol Subgroup Soils Formed Under Semi-humid Ecological Conditions**
EKBERLİ İ., GÜLSER C., DENGİZ O.
Anadolu Tarım Bilimleri Dergisi, vol.35, no.2, pp.198-207, 2020 (Peer-Reviewed Journal)
- XIX. **Toprak sıcaklığının ısı miktarına bağlı olarak değişiminin matematiksel modellenmesi**
EKBERLİ İ., GÜLSER C.
Harran Tarım ve Gıda Bilimleri Dergisi, vol.24, no.2, pp.229-240, 2020 (Peer-Reviewed Journal)
- XX. **Farklı sulama miktarlarında yetiştirilen buğday bitkisinin su kullanma randımanı ile verimlilik parametreleri arasındaki ilişkiler**
GÜLSER C., KIZILKAYA R.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.8, no.1, pp.46-52, 2020 (Peer-Reviewed Journal)
- XXI. **Assessment of extraction methods for studying the fractional composition of Cu and Zn in uncontaminated and contaminated soils**
Burachevskaya M., Minkina T., Bauer T., Mandzhieva S., Gülser C., Kızılkaya R., Sushkova S., Rajput V.
Eurasian Journal of Soil Science, vol.9, no.3, pp.231-241, 2020 (Scopus)
- XXII. **Accumulating capacity of herbaceous plants of the asteraceae and poaceae families under technogenic soil pollution with zinc and cadmium**
Chaplygin V., Mandzhieva S., Minkina T., Sushkova S., Barahov A., Nevidomskaya D., Kızılkaya R., GÜLSER C.,

- Chernikova N., Mazarji M., et al.
Eurasian Journal of Soil Science, vol.9, no.2, pp.165-172, 2020 (Scopus)
- XXIII. **Changes in some soil properties of wheat fields under conventional and reduced tillage systems in Northern Iraq**
Gülser F., Salem S., GÜLSER C.
Eurasian Journal of Soil Science, vol.9, no.4, pp.314-320, 2020 (Scopus)
- XXIV. **Soil quality assessment for olive groves areas of menderes district, izmir-turkey**
Doğan B., GÜLSER C.
Eurasian Journal of Soil Science, vol.9, no.4, pp.298-305, 2020 (Scopus)
- XXV. **Pahs accumulation in soil-plant system of phragmites Australis cav. In soil under long-term chemical contamination**
Sushkova S., Minkina T., Tarigholizadeh S., Antonenko E., Konstantinova E., GÜLSER C., Dudnikova T., Barbashev A., Kızılkaya R.
Eurasian Journal of Soil Science, vol.9, no.3, pp.242-253, 2020 (Scopus)
- XXVI. **Effect of load occurred by soil thickness on soil stress**
GÜLSER C., EKBERLİ İ.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.7, no.1, pp.37-42, 2019 (Peer-Reviewed Journal)
- XXVII. **Comparison of heat flow equation and pedotransfer function in prediction of soil temperature**
GÜLSER C., EKBERLİ İ.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.7, no.2, pp.158-166, 2019 (Peer-Reviewed Journal)
- XXVIII. **Short Term Effects of Different Tillage Methods on Nitrate Content in Soil and Corn Yield**
SELVİ K. Ç., GÜLSER C., BEYHAN M. A.
MALAYSIAN JOURNAL OF SOIL SCIENCE, vol.23, pp.55-68, 2019 (ESCI)
- XXIX. **The effect of NPK foliar fertilization on yield and macronutrient content of grain in wheat under Kostanai-Kazakhstan conditions**
GÜLSER C., Zharlygasov Z., Kızılkaya R., Kalimov N., Akça I., Zharlygasov Z.
Eurasian Journal of Soil Science, vol.8, no.3, pp.275-281, 2019 (Scopus)
- XXX. **Assessment of soil quality for Vineyard fields: A case study in Menderes district of Izmir, Turkey**
Doğan B., GÜLSER C.
Eurasian Journal of Soil Science, vol.8, no.2, pp.176-183, 2019 (Scopus)
- XXXI. **Change in soil temperature depending on surface heat flow Toprak sıcaklığının yüzey ısı akışına bağlı olarak değişimi**
GÜLSER C., Ekberli İ., Mamedov A.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.29, no.1, pp.1-9, 2019 (Scopus)
- XXXII. **Predicting Aggregate Stability of Cultivated Soils**
GÜLSER C.
Journal of Scientific and Engineering Research, vol.5, no.11, pp.252-255, 2018 (Peer-Reviewed Journal)
- XXXIII. **Investigating of heat conductivity equation with consideration of phase change and effect of soil moisture on heat diffusivity**
GÜLSER C., EKBERLİ İ., MAMEDOV A., ÖZDEMİR N.
Anadolu Tarım Bilimleri Dergisi, vol.33, no.3, pp.261-269, 2018 (Peer-Reviewed Journal)
- XXXIV. **Investigation of groundwater level due to the solution of Boussinesq equation**
EKBERLİ İ., GÜLSER C.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.6, no.2, pp.134-142, 2018 (Peer-Reviewed Journal)
- XXXV. **The Determination of wetting depth of soil in irrigation**
EKBERLİ İ., GÜLSER C.
Anadolu Tarım Bilimleri Dergisi, vol.33, no.2, pp.142-148, 2018 (Peer-Reviewed Journal)
- XXXVI. **The Potassium Fixation Capacities of Different Textural Soils**
Demirkaya S., Gülser C.
Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi, vol.28, no.5, pp.169-175, 2018 (Scopus)
- XXXVII. **Effects of organic conditioner applications on dehydrogenase activity in soils having different pH**

levels

ÖZDEMİR N., GÜLSER C., KIZILKAYA R., KOP DURMUŞ Ö. T., EKBERLİ İ.

ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, vol.49, no.1, pp.21-27, 2018 (Peer-Reviewed Journal)

- XXXVIII. **Farklı pH değerlerine sahip topraklara organik düzenleyici uygulamalarının dehidrogenaz enzim aktivitesi üzerine etkileri**

ÖZDEMİR N., GÜLSER C., KIZILKAYA R., KOP DURMUŞ Ö. T., EKBERLİ İ.

ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, vol.49, no.1, pp.21-27, 2018 (Peer-Reviewed Journal)

- XXXIX. **Farklı toprak derinliklerindeki sıcaklığın tahmininde parabolik fonksiyonun kullanımı**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N.

Toprak Bilimi ve Bitki Besleme Dergisi, vol.5, no.1, pp.34-38, 2017 (Peer-Reviewed Journal)

- XL. **Clay activity index as an indicator of soil erodibility**

ÖZDEMİR N., GÜLSER C.

EURASIAN JOURNAL OF SOIL SCIENCE, vol.6, no.4, pp.307-311, 2017 (Peer-Reviewed Journal)

- XLI. **Azotlu çözeltili ile dip sürgünü temizliğinin fındıkta verim ve meyve kalitesi üzerine etkileri**

SERDAR Ü., GÜLSER C., AKYÜZ B., Balta A., Çil Y., Yılmaz Figen F.

Anadolu Tarım Bilimleri Dergisi, vol.32, no.3, pp.279-283, 2017 (Peer-Reviewed Journal)

- XLII. **Applicability of similarity theory to soil temperature**

EKBERLİ İ., DENGİZ O., GÜLSER C., ÖZDEMİR N.

Toprak Bilimi ve Bitki Besleme Dergisi, vol.4, no.2, pp.63-68, 2016 (Peer-Reviewed Journal)

- XLIII. **Sulama Uygulamaları için TDR Ölçümlerinde Kalibrasyonun Önemi**

GÜLSER C., Demir Z.

DSİ Teknik Bülteni, no.122, pp.55-60, 2016 (Peer-Reviewed Journal)

- XLIV. **Relationship between soil water retention model parameters and structure stability**

Mamedov A., EKBERLİ İ., GÜLSER C., GÜMÜŞ İ., ÇETİN Ü., LEVY G. J.

Eurasian Journal of Soil Science, vol.4, no.3, pp.255-331, 2016 (Peer-Reviewed Journal)

- XLV. **Bazı bölgesel organik atıkların topraksız tarımda torba kültürü kullanılabilmek imkanlarının belirlenmesi**

DÖNMEZ İ., ÖZER H., GÜLSER C.

Anadolu Tarım Bilimleri Dergisi, vol.31, no.2, pp.171-178, 2016 (Peer-Reviewed Journal)

- XLVI. **Spatial variability of soil physical properties in a cultivated field**

GÜLSER C., EKBERLİ İ., CANDEMİR F., DEMİR Z.

Eurasian Journal of Soil Science, vol.5, no.3, pp.192-200, 2016 (Peer-Reviewed Journal)

- XLVII. **Toprağın ısısal yayılımının fonksiyonel değişimi ve toprak sıcaklığına etkisi**

EKBERLİ İ., GÜLSER C.

Anadolu Tarım Bilimleri Dergisi, vol.31, no.2, pp.294-300, 2016 (Peer-Reviewed Journal)

- XLVIII. **IMPORTANCE OF CALIBRATION IN TDR MEASUREMENTS FOR IRRIGATION PRACTICES**

GÜLSER C., DEMİR Z.

DSİ Teknik Bülteni, vol.0, no.122, pp.55-60, 2016 (Peer-Reviewed Journal)

- XLIX. **İki boyutlu ısı iletkenliği denklemine bağlı olarak toprak sıcaklığının matematiksel modellenmesi**

EKBERLİ İ., GÜLSER C.

Anadolu Tarım Bilimleri Dergisi, vol.30, no.3, pp.287-291, 2015 (Peer-Reviewed Journal)

- L. **Toprakta Bir Boyutlu Isı İletkenlik Denkleminin İncelenmesinde Benzerlik Teorisinin Uygulanması**

EKBERLİ İ., GÜLSER C., Mamedov A.

Süleyman Demirel Üniversitesi Ziraat Fakültesi Dergisi, vol.10, no.2, pp.69-79, 2015 (Peer-Reviewed Journal)

- LI. **Toprakta ısı iletkenliğine etki yapan ısısal parametrelerin teorik incelemesi**

EKBERLİ İ., GÜLSER C., ÖZDEMİR N.

Anadolu Tarım Bilimleri Dergisi, vol.30, no.3, pp.300-306, 2015 (Peer-Reviewed Journal)

- LII. **Effects of rice husk compost application on soil quality parameters in greenhouse conditions**

DEMİR Z., GÜLSER C.

Eurasian Journal of Soil Science, vol.4, no.3, pp.185, 2015 (Peer-Reviewed Journal)

- LIII. **Different pasture amelioration methods effects on soil and water conservation in natural pasture area of Minoz creek basin**
İÇ S., EREL A., GÜLSER C.
Ege Üniversitesi Ziraat Fakültesi Dergisi, pp.49-53, 2015 (Peer-Reviewed Journal)
- LIV. **Effect of manure on organic carbon content and fractal dimensions of aggregates**
GÜLSER C., Candemir F., Kanel Y., DEMİRKAYA S.
Eurasian Journal of Soil Science, vol.4, no.1, pp.1, 2015 (Peer-Reviewed Journal)
- LV. **Using soil moisture constants and physical properties to predict saturated hydraulic conductivity**
GÜLSER C., CANDEMİR F.
Eurasian Journal of Soil Science, vol.3, no.1, pp.77-81, 2014 (Peer-Reviewed Journal)
- LVI. **Arazi Toplulaştırmasında Kullanılan Arazi Kalite Dereceleme Yöntemine Alternatif Yaklaşım**
DENGİZ O., ŞİŞMAN A., GÜLSER C., ŞİŞMAN Y.
Toprak Su Dergisi, no.1, pp.59-69, 2014 (Peer-Reviewed Journal)
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ÖZDEMİR N., GÜLSER C., EKBERLİ İ., KOP DURMUŞ Ö. T.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.2, no.1, 2014 (Peer-Reviewed Journal)
- LVIII. **Farklı Fluvial Depozitler Üzerinde Oluşmuş Toprakların Dağılım Alanların Belirlenmesi ve Sınıflandırılması**
DENGİZ O., GÜLSER C.
Türkiye Tarımsal Araştırmalar Dergisi, no.1, pp.9-17, 2014 (Peer-Reviewed Journal)
- LIX. **Estimation of soil temperature by heat conductivity equaion**
EKBERLİ İ., GÜLSER C.
Vestnik Bashkir State Agrarian University, vol.2, no.30, pp.12-15, 2014 (Peer-Reviewed Journal)
- LX. **Toprak Deformasyonu ve Geriliminin Reoloji Denkleminde Göre Analitik İncelenmesi**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N.
Anadolu Tarım Bilimleri Dergisi, vol.29, no.1, pp.79-85, 2014 (Peer-Reviewed Journal)
- LXI. **Farklı Fluvial Depozitler Üzerinde Oluşmuş Toprakların Dağılım Alanlarının Belirlenmesi ve Sınıflaması**
DENGİZ O., GÜLSER C., Dayeh I.
Türkiye Tarımsal Araştırmalar Dergisi, vol.1, pp.9-17, 2014 (Peer-Reviewed Journal)
- LXII. **Arazi Toplulaştırmasında Kullanılan Arazi Kalite Derecelendirme Yöntemine Alternatif Yaklaşım**
DENGİZ O., ŞİŞMAN A., GÜLSER C., ŞİŞMAN Y.
Toprak Su Dergisi, vol.3, no.1, pp.59-69, 2014 (Peer-Reviewed Journal)
- LXIII. **Changes in penetration resistance of a clay field with organic waste applications**
GÜLSER C., CANDEMİR F.
Eurasian Journal of Soil Science, vol.1, no.1, pp.16-21, 2012 (Peer-Reviewed Journal)
- LXIV. **Effects of different pasture amelioration methods on some soil properties in minoz creek basin**
EREL A., GÜLSER C., ÖZYAZICI M. A., ESENTÜRK İ.
Anadolu Tarım Bilimleri Dergisi, vol.25, pp.42-47, 2010 (Peer-Reviewed Journal)
- LXV. **Some Mechanical Properties and Workability of Soils in a Karadeniz Agricultural Research Institute Field**
GÜLSER C., SELVİ K. Ç., İÇ S.
Tarım Makinaları Bilimi Dergisi, vol.5, no.4, 2009 (Peer-Reviewed Journal)
- LXVI. **Aşağıaksu Havzası Topraklarının Fiziksel ve Kimyasal Özellikleri ve Haritalanması**
DENGİZ O., GÜLSER C., İÇ S., KARA Z.
Anadolu Tarım Bilimleri Dergisi, vol.24, no.1, pp.34-43, 2009 (Peer-Reviewed Journal)
- LXVII. **Effects of Rice Husk Application on Mechanical Properties and Cultivation of A Clay Soil with and without Planting**
GÜLSER C., İÇ S., CANDEMİR F., DEMİR Z.
Adnan Menderes Ün. Ziraat Fakültesi Dergisi, pp.217-223, 2008 (Peer-Reviewed Journal)

- LXVIII. **Tütün Atığının Farklı Bünyeli Toprakların Bazı Kimyasal Ve Fiziksel Özelliklerine Etkisi**
İÇ S., GÜLSER C.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.23, no.2, pp.104-109, 2008 (Peer-Reviewed Journal)
- LXIX. **Farklı Tekstür Sınıfındaki Topraklarda Elektromanyetik Dalgaların Davranışları**
KOYUNCU T., GÜLSER C., PINAR Y.
Tarım Makinaları Bilimi Dergisi, vol.2, no.2, pp.167-171, 2006 (Peer-Reviewed Journal)
- LXX. **Copper lead cadmium and nickel fractions in agricultural soils A study in Bafra Plain**
AŞKIN T., KIZILKAYA R., GÜLSER C., Çağmel B.
Anadolu University Journal of Science and Technology, vol.7, no.1, pp.167-177, 2006 (Peer-Reviewed Journal)
- LXXI. **Ondokuz Mayıs Üniversitesi Kurupelit Kampus Topraklarının Bazı Mekaniksel Özellikleri ve İşlenebilirlikleri**
GÜLSER C., CANDEMİR F.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.21, no.2, pp.213-217, 2006 (Peer-Reviewed Journal)
- LXXII. **Cooper Lead Cadmium and Nickel Fractions in Agricultural Soils A Study on Bafra Plain**
AŞKIN T., KIZILKAYA R., GÜLSER C.
Anadolu University Journal of Science and Technology, vol.7, no.1, pp.167-177, 2006 (Peer-Reviewed Journal)
- LXXIII. **Toprak Düzenleyicilerinin Asit Toprakta Strüktürel Dayanıklılığa etkisi**
ÖZDEMİR N., GÜLSER C., EKBERLİ İ.
ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, vol.36, no.2, pp.151-156, 2005 (Peer-Reviewed Journal)
- LXXIV. **Toprakların Termo Fiziksel Özellikleri Ve Isısal Yayınım Katsayısının Değerlendirilmesi**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N.
OMÜ Zir. Fak. Dergisi, vol.20, no.2, 2005 (Peer-Reviewed Journal)
- LXXV. **Toprakların termofiziksel özellikleri ve ısısal yayınım katsayısının değerlendirilmesi**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N.
Anadolu Tarım Bilimleri Dergisi, vol.20, no.2, pp.85-91, 2005 (Peer-Reviewed Journal)
- LXXVI. **A Comparison of some physical and chemical soil quality indicators influenced by different crop species**
GÜLSER C.
Pakistan J. of Biological Sci., vol.7, no.6, pp.905-911, 2004 (Peer-Reviewed Journal)
- LXXVII. **Ondokuz Mayıs Üniversitesi kampüs topraklarının bazı mikrobiyolojik özellikleri**
AŞKIN T., KIZILKAYA R., GÜLSER C., BAYRAKLI B.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi, vol.19, no.1, pp.31-36, 2004 (Peer-Reviewed Journal)
- LXXVIII. **A Comparison of estimated and measured diurnal soil temperature through a clay soil depth**
GÜLSER C., EKBERLİ İ.
Journal of Applied Science, vol.4, no.3, pp.418-423, 2004 (Peer-Reviewed Journal)
- LXXIX. **Tarla Kapasitesi ve Devamlı Solma Noktası Değerlerinin Toprakların Fiziksel ve Kimyasal Özellikleri ile İlişkili Pedotransfer Eşitliklerle Belirlenmesi**
GÜLSER C.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.19, no.3, pp.19-23, 2004 (Peer-Reviewed Journal)
- LXXX. **Nitrat Azotunun Yıkanması ve Bazı Kontrol Uygulamaları**
GÜLSER C., CANDEMİR F.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi, vol.17, no.3, pp.70-77, 2002 (Peer-Reviewed Journal)
- LXXXI. **Toprak sıcaklığının profil boyunca değişimi**
GÜLSER C., EKBERLİ İ.
Anadolu Tarım Bilimleri Dergisi, vol.17, no.3, pp.43-47, 2002 (Peer-Reviewed Journal)
- LXXXII. **Some Morphological and Nutritional Properties of Legumes Under Natural Conditions**
ACAR Z., AYAN İ., GÜLSER C.
Pakistan Journal of Biological Sciences, vol.4, no.11, pp.1312-1315, 2001 (Peer-Reviewed Journal)
- LXXXIII. **Sulanan Toprakta Hidrokimyasal Dispersiyon Parametresinin Tayini**
EKBERLİ İ., GÜLSER C., BAYRAKLI F.

- O.M.Ü. Ziraat Fakültesi Dergisi, vol.16, no.1, pp.21-27, 2001 (Peer-Reviewed Journal)
- LXXXIV. **Bafra ve Çarşamba Ovalarında Mısır Bitkisinin Azotlu ve Fosforlu Gübre İhtiyacının Belirlenmesinde Matematiksel Modellerin Uygulanabilirliği**
KORKMAZ A., BAYRAKLI F., GÜLSER C., EKBERLİ İ.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.15, no.1, pp.33-40, 2000 (Peer-Reviewed Journal)
- LXXXV. **Toprak Gözeneklerinin Tıkanma Mekanizması ve Kontrolü**
GÜLSER C.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi, vol.14, no.2, pp.184-197, 1999 (Peer-Reviewed Journal)
- LXXXVI. **Azerbaycan MİL Ovası Topraklarının Verimlilik Düzeylerinin Deneysel ve Matematiksel Olarak Değerlendirilmesi**
BAYRAKLI F., EKBERLİ İ., GÜLSER C.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.14, no.2, pp.138-153, 1999 (Peer-Reviewed Journal)
- LXXXVII. **Sulanan Topraklarda Su ve Tuz Dengesinin Belirlenmesi**
EKBERLİ İ., BAYRAKLI F., GÜLSER C.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.14, no.3, pp.28-43, 1999 (Peer-Reviewed Journal)
- LXXXVIII. **Çeltik Topraklarında Fosfojips Kullanarak Kardeşlenme Döneminde Yüze Verilen Ürenin Etkinliğinin Arttırılması Olanakları**
KORKMAZ A., GÜLSER C.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.10, no.2, pp.35-49, 1995 (Peer-Reviewed Journal)
- LXXXIX. **Estimation of soil N-supplying capability in NaHCO₃ extracts by UV absorbance method in Samsun region soils Samsun yöresi topraklarının azot sağlama kapasitelerinin NaHCO₃ ekstraktında UV absorbans yöntemiyle belirlenmesi**
Korkmaz A., GÜLSER C.
Turkish Journal of Agriculture & Forestry, vol.19, no.5, pp.319-326, 1995 (Scopus)
- XC. **Samsun Yöresinde Yetiştirilen Farklı Yulaf Çeşitlerinde Tanelerin Mineral Madde Kompozisyonu**
ACAR Z., AYAN İ., KORKMAZ A., GÜLSER C.
OMÜ Ziraat Fakültesi Dergisi, vol.10, no.3, pp.95-104, 1995 (Peer-Reviewed Journal)
- XCI. **Samsun Yöresinde Yalnız ve Adi Fiğle Karışık Yetiştirilen Bazı Yulaf Çeşitlerinden Elde Edilen Kuru Otun Mineral Madde Kompozisyonu**
ACAR Z., ÖZYAZICI M. A., KORKMAZ A., GÜLSER C.
OMÜ Ziraat Fakültesi Dergisi, vol.10, no.3, pp.119-132, 1995 (Peer-Reviewed Journal)
- XCII. **Samsun Topraklarında Mineralizasyon Denklemi Kullanılarak Bir Gelişme Mevsiminde Net ve Toplam Azot Mineralizasyonunun Tahmini ve Biyolojik İndekslerle İlişkileri**
KORKMAZ A., GÜLSER C.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.10, no.1, pp.81-95, 1995 (Peer-Reviewed Journal)
- XCIII. **Samsun Yöresi Topraklarının Azot Sağlama Kapasitelerinin NaHCO₃ Ekstraktında UV Absorbans Yöntemiyle Belirlenmesi**
KORKMAZ A., GÜLSER C.
Doğa Tr. J. Of Agriculture and Forestry, vol.19, pp.319-326, 1995 (Scopus)
- XCIV. **Samsun ve Bafra Yöresi Topraklarının Yarayırlı Demir Kapsamları ve Ayçiçeği Bitkisinin Demir Alımı İle Bazı Toprak Özellikleri Arasındaki İlişkiler**
KORKMAZ A., GÜLSER C.
O.M.Ü. Ziraat Fakültesi Dergisi, vol.10, no.1, pp.97-110, 1995 (Peer-Reviewed Journal)
- XCV. **Samsun Merkez ve Bafra İlçelerinde Tütün Yetiştirilen Toprakların Bitkiye Yarayırlı Azot Kapsamlarının Belirlenmesinde Kullanılacak Kimyasal Yöntemler**
GÜLSER C., KORKMAZ A.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi, vol.9, no.3, pp.103-117, 1994 (Peer-Reviewed Journal)
- XCVI. **Samsun ve Bafra Yöresi Tütün Yetiştirilen Topraklarının Mn Zn ve Cu Durumları ve Bunların Bazı Toprak Özellikleri İlişkileri**
KORKMAZ A., GÜLSER C.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi, vol.9, no.2, pp.95-105, 1994 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **EVALUATION OF WASTE MUSHROOM COMPOSTS AS PLANT GROWING MEDIA**
GÜLSER F., GÜLSER C.
in: SECTIONS FROM LIFE AND AGRICULTURE, Arzu ÇİÇ, Editor, İksad Yayınevi, pp.35-50, 2022
- II. **THE RELATIONS BETWEEN SOIL REACTION AND LEGUME CULTIVATION**
GÜLSER F., GÜLSER C.
in: Grain Legumes Under Abiotic Stress, Murat Erman, Editor, İksad Publishing House, Ankara, pp.249-272, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of different salt contents in irrigation water on some growth parameters of sorghum plant**
ÖZTÜRK E., DEMİRKAYA S., AY A., GÜLSER C.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION" 2 – 3 December 2022 /
Samsun, Türkiye, Samsun, Turkey, 2 - 03 December 2022
- II. **CHEMICAL AND ORGANIC FERTILIZATION IN ORNAMENTAL PLANT**
GÜLSER F., GÜLSER C.
International Conference on Global Practice of Multidisciplinary Scientific Studies-III, Cyprus (Kktc), 15 November
2022, vol.1, pp.439-443
- III. **STRESS TYPES AND ANTIOXIDANT ENZYMES IN PLANTS**
GÜLSER C., GÜLSER F.
International Conference on Global Practice of Multidisciplinary Scientific Studies-III, Cyprus (Kktc), 15 November
2022, vol.1, pp.429-438
- IV. **How does salt-stress affect on plant growth and yield?**
Begum M., GÜLSER C., Parajuli S.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION, Samsun, Turkey, 02
December 2022, pp.55-59
- V. **Physical and chemical properties of the Black Sea Region hazelnut growing soils**
Yavuzkılıç Y., GÜLSER C.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION, Samsun, Turkey, 02
December 2022, pp.236-242
- VI. **Potential of using fly ash as amendment for soil characteristics**
Al Hajya S. A., GÜLSER C., Azab M.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION, Samsun, Turkey, 02
December 2022, pp.154-159
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sodic condition**
Parajuli S., GÜLSER C., Begum M.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION, Samsun, Turkey, 02
December 2022, pp.223-228
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Shaky R. S., GÜLSER C.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION, Samsun, Turkey, 02
December 2022, pp.148-153
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Ezeifeke O., Violina A., GÜLSER C.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION, Samsun, Turkey, 02
December 2022
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GÜLSER C.

Balkan Agricultural Congress, Edirne, Turkey, 31 August 2022, pp.945-949

- XI. **EFFECT OF TOBACCO WASTE ON YIELD AND MINERAL NUTRITION OF BARLEY**
GÜLSER C., GÜLSER F.
International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 29 August 2022, pp.1001-1006
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GÜLSER C.
International Agricultural, Biological & Life Science Conference, 29 August 2022, pp.1007-1013
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AY A., KIZILKAYA R., DEMİRKAYA S., GÜLSER C.
International Soil Science Symposium on Soil Science and Plant Nutrition, Samsun, Turkey, 18 - 19 December 2021
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Tukur BAYERO M., MAZARJI M., SUSHKOVA S., MINKINA, T., MANDZHIEVA S., BAUER T., GÜLSER C., KIZILKAYA R., DENGİZ O.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION" 18 - 19 December 2021 / Samsun, Turkey, Turkey, 18 December 2021, vol.1, pp.139-144
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KARAPIÇAK B., KIZILKAYA R., GÜLSER C., AY A.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION (6th International Scientific Meeting), Samsun, Turkey, 18 December 2021, pp.57-61
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EKBERLİ İ., GÜLSER C.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION", Samsun, Turkey, 18 - 19 December 2021, vol.1, pp.103-107
- XVII. **The effect of vermicompost addition and soybean planting on soil physical properties**
Dorcas O., GÜLSER C., Elnaker N., Elgendy H., Karapıçak B.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION", Samsun, Turkey, 18 - 19 December 2021, vol.1, pp.1-6
- XVIII. **The effect of iron enriched acidified and non-acidified biochars on DTPA extractable iron content of a calcareous soil**
DEMİRKAYA S., GÜLSER C., AY A.
International Soil Science Symposium on Soil Science and Plant Nutrition, Samsun, Turkey, 18 - 19 December 2021
- XIX. **Effects of olive pomace application on some soil properties**
Şahin Ayar S., GÜLSER C.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION", Samsun, Turkey, 18 - 19 December 2021, vol.1, pp.191-196
- XX. **Effect of water stress related with soil properties on plant growth**
Zorlu Z., GÜLSER C.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION", Samsun, Turkey, 18 - 19 December 2021, vol.1, pp.228-232
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AMIN H., MINKINA T., SUSHKOVA S., RAJPUT V. D., KUMARI A., DENGİZ O., GÜLSER C., KIZILKAYA R.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION" 18 - 19 December 2021 / Samsun, Turkey, Turkey, 18 December 2021, vol.1, pp.98-102
- XXII. **Composting with microorganisms: to improve available nutrient contents in sustainable soil management**
RAHMAN M. M., KIZILKAYA R., MAQBOOL N., GÜLSER C.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION (6th International

Scientific Meeting), Samsun, Turkey, 18 - 19 December 2021, pp.35-39

- XXIII. **The effect of two iron fertilizers on DTPA extractable micronutrient contents of a calcareous soil**
AY A., KIZILKAYA R., DEMİRKAYA S., GÜLSER C.
International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION", Samsun, Turkey, 18 - 19 December 2021, vol.1, pp.239-246
- XXIV. **The influence of sample preparation techniques on results of extraction of heavy metals from soil**
Burachevskaya M., Minkina T., Mandzhieva S., Cicuashvili V., Fedorenko E., Pogonyshv P., Coskun G., Kizilkaya R.
2020 International Symposium on Earth Sciences: History, Contemporary Issues and Prospects, ESHCIP 2020, Moscow, Russia, 10 March 2020, vol.579
- XXV. **The effect of No-till technology on the mineral nitrogen content in the Lower Don Chernozem**
Medvedeva A., Buryukova O., Ilchenko Y., Minkina T., Kamenev R., GÜLSER C.
Actual Problems of Ecology and Environmental Management - Cooperation for Sustainable Development and Environmental Safety (APEEM), Moscow, Russia, 23 - 25 April 2020, vol.169
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EKBERLİ İ., GÜLSER C.
5th International Eurasian Congress on 'Natural Nutrition, Healthy Life Sport', Ankara, Turkey, 2 - 06 October 2019, vol.1, pp.53-61
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10th International Soil Congress 2019 Successful Transformation toward Land Degradation Neutrality: Future Perspective, Ankara, Turkey, 17 - 19 June 2019, pp.340-346
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10th International Soil Congress 2019 Successful Transformation toward Land Degradation Neutrality: Future Perspective, 17 - 19 June 2019, pp.489-494
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GÜLSER C., EKBERLİ İ.
10th International Soil Congress 2019 Successful Transformation toward Land Degradation Neutrality: Future Perspective, Ankara, Turkey, 17 - 19 June 2019, pp.313-317
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10th International Soil Congress 2019 Successful Transformation toward Land Degradation Neutrality: Future Perspective, Ankara, Turkey, 17 - 19 June 2019, pp.352-356
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International Soil Congress 2019, 17 - 19 June 2019, vol.1, pp.184-188
- XXXIII. **CHANGES IN SOME SOIL PROPERTIES OF HAZELNUT ORCHARD SOILS WITH FERTILIZATION**
KIZILKAYA R., GÜLSER C., GÖKÇE C., AY A.
10th International Soil Congress 2019 "Successful Transformation toward Land Degradation Neutrality: Future Perspective", 17 - 19 June 2019
- XXXIV. **EFFECT OF TEA WASTE APPLICATION ON SOIL PHYSICAL PROPERTIES**
GÜLSER C., KIZILKAYA R., DENGİZ O.
Key Concepts of Soil Physics: Development, Current Applications and Future Prospects, 27 - 31 May 2019, pp.63-67
- XXXV. **EFFECT OF FARMYARD MANURE ON SOIL STRUCTURE**
GÜLSER C.

Key Concepts of Soil Physics: Development, Current Applications and Future Prospects, Moskva, Russia, 27 - 31 May 2019, pp.13-17

XXXVI. EFFECT OF LIME CONTENT ON SOIL MECHANICAL PROPERTIES

GÜLSER C., DENGİZ O., Kızılkaya R.

Key concepts of soil physics: development, future prospects and current applications, 27 - 31 May 2019, vol.1, pp.58-62

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Key concepts of soil physics: development, future prospects and current applications, 27 - 31 May 2019, vol.1, pp.307-311

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GÜLSER C., Kızılkaya R., DENGİZ O.

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International Conference on Key Concepts on Soil Physics : Development, Current Applications and Future Prospects, Moscow, Russia, 27 - 31 May 2019, pp.63-67

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International Conference on Key Concepts on Soil Physics : Development, Current Applications and Future Prospects, Moscow, Russia, 27 - 31 May 2019, pp.58-62

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10th International Soil Science Congress on "Environment and Soil Resources Conservation", ALMATA, Kazakhstan, 17 - 19 October 2018, pp.249-255

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XLIV. Evaluation of soil stress related with erosion

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10th International Soil Science Congress on "Environment and Soil Resources Conservation", ALMATA, Kazakhstan, 17 - 19 October 2018, pp.297-302

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The 2nd International UNIDOKAP Black Sea Symposium on BIODIVERSITY, Samsun, Turkey, 28 - 30 November 2018, pp.193-198

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The 2nd International UNIDOKAP Black Sea Symposium on BIODIVERSITY, Samsun, Turkey, 28 - 30 November 2018

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10th International Soil Science Congress on "Environment and Soil Resources Conservation", Almata, Kazakhstan, 17 - 19 October 2018, vol.1, pp.61-68

LI. Soil penetration resistance in cultivated different type soils

DENGİZ O., GÜLSER C., KIZILKAYA R.

10th International Soil Science Congress on "Environment and Soil Resources Conservation", Almata, Kazakhstan, 17 - 19 October 2018, vol.1, pp.132-137

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10th International Soil Science Congress on "Environment and Soil Resources Conservation", Almata, Kazakhstan, 17 - 19 October 2018, vol.1, pp.337-342

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10th International Soil Science Congress on "Environment and Soil Resources Conservation", ALMATY, Kazakhstan, 17 - 19 October 2018, pp.421-426

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SERDAR Ü., GÜLSER C., AKYÜZ B., BALTA A., ÇİL Y., YILMAZ FİGEN F.

IX. International Congress on Hazelnut, 15 - 19 August 2017

LV. Coğrafi Bilgi Sistemleri Kullanarak Asma Yetiştiriciliği İçin Arazi Uygunluk Değerlendirmesi

DENGİZ O., GÜLSER C.

5. International Participation Soil and Water Resources Congress, 12 - 15 September 2017, vol.1, pp.35-45

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GÜLSER F., GÜLSER C., GÖKKAYA T. H.

International Symposium on EuroAsian Biodiversity (SEAB2017), Minsk, Belarus, 5 - 08 July 2017

LVII. Effects of tobacco waste application on yield and nutrient uptakes by barley

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Organic Agriculture for Agrobiodiversity Preservation. 3rd International Conference Agrobiodiversity, Novi-Sad, Serbia, 1 - 03 June 2017, pp.66

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Organic Agriculture for Agrobiodiversity Preservation. 3rd International Conference Agrobiodiversity, Novi-Sad, Serbia, 1 - 03 June 2017, pp.103

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KIZILKAYA R., SUSLENKOVA M., BYKOVA G., GÜLSER C.

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International Conference of Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 18 May

2017, vol.1, pp.597

- LXI. **Prediction of Non-measured Soil Temperature in Depths Using Meteorological Data**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N.
ICAFOP, Kapadokya/Nevşehir, 15 - 17 May 2017
- LXII. **Effects of organic wastes applications on dehydrogenase activity in soils having different pH levels**
ÖZDEMİR N., GÜLSER C., KIZILKAYA R., KOP DURMUŞ Ö. T., EKBERLİ İ.
International Conference on Agriculture, Forest, Food Sciences and Technologies, Kapadokya, Turkey, 15 - 17 May 2017, pp.1027
- LXIII. **The effect of foliar fertilizer produced from biogas waste on yield and protein content of wheat**
GÜLSER C., KIZILKAYA R., KÜREN N., OY G., YALÇIN U.
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International Conference on Agriculture, Forest, Food Sciences and Technologies, Kapadokya, Turkey, 15 - 17 May 2017, pp.261
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6th International Symposium on Agricultural Sciences, Banja Luka, Bosnia And Herzegovina, 27 February - 02 March 2017, pp.136
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6th International Symposium on Agricultural Sciences "AgroReS 2017", Banja Luka, Bosnia And Herzegovina, 27 February - 02 March 2017, pp.135
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6th International Symposium on Agricultural Science, AGRORES, 2017, Banja Luka, Bosnia And Herzegovina, 27 February - 02 March 2017, pp.135
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Eurosoil 2016 Istanbul, İstanbul, Turkey, 16 - 21 October 2016
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Eurosoil 2016 Istanbul, İstanbul, Turkey, 16 - 21 October 2016
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Eurosoil 2016 Istanbul, İstanbul, Turkey, 16 - 21 October 2016
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Eurosoil 2016 Istanbul, İstanbul, Turkey, 16 - 21 October 2016
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Eurosoil 2016 Istanbul, İstanbul, Turkey, 16 - 21 October 2016

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VII Intr. Sci. Agr. Sym. AgroSym 2016, Jahorina, Bosnia And Herzegovina, 6 - 09 October 2016, pp.2200-2204
- LXXVI. **CHANGES IN SOIL PHYSICAL PROPERTIES WITH HAZELNUT HUSK AND TOBACCO WASTE APPLICATIONS**
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VII International Scientific Agricultural Symposium AgroSym 2016, Jahorina, Bosnia And Herzegovina, 6 - 09 October 2016, pp.2032-2036
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VII International Sci. Agr. Sym. AgroSym 2016, Jahorina, Bosnia And Herzegovina, 6 - 09 October 2016, pp.2052-2058
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VII International Scientific Agriculture Symposium, JAHORİNA, Bosnia And Herzegovina, 6 - 09 October 2016, pp.854
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SELÇUK INTERNATIONAL SCIENTIFIC CONFERENCE ON APPLIED SCIENCES - 2016, Antalya, Turkey, 27 - 30 September 2016
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SUSHKOVA S., MINKİNA T., KIZILKAYA R., MANDZHİEVA S., BATUKAEV A., BAUER T., GÜLSER C.
European Geosciences Union General Assembly 2016, VİYANA, Austria, 17 - 22 April 2016, vol.18, pp.957
- LXXXII. **Biological attributes in soil quality for sustainable land management**
GÜLSER C., KIZILKAYA R.
International Scientific and Research Content "Baitursynov Readings 2016", Kostanay, Kazakhstan, 15 April 2016, vol.3, pp.292-295
- LXXXIII. **Effect of organic waste application on outflow electrical conductivity and microbial activity of a coarse textured soil**
GÜLSER C., MINKİNA T., KIZILKAYA R., SUSHKOVA S.
5th International Symposium on Agricultural Sciences "AgroReS 2016", Banja Luka, Bosnia And Herzegovina, 29 February - 03 March 2016, pp.215
- LXXXIV. **Effect of organic matter on TDR calibration and measurements of soil moisture content**
GÜLSER C., Demir Z., SEÇKİN E., KUŞÇU ŞİMŞEK Ç., KOZAMAN S.
International Soil Science Congress on "Soil Science in International Year of Soils 2015", Sochi, Russia, 19 - 23 October 2015, pp.147-151
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3. Ulusal Sulama Sistemleri Sempozyumu, Ankara, Turkey, 15 - 16 October 2015, pp.41
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International Soil Science Congress on "Soil Science in International Year of Soils 2015", Sochi, Russia, 19 - 23

October 2015, pp.113-117

LXXXVII. Effects of hazelnut husk applications on some soil properties in a hazelnut orchard

EKBERLİ İ., GÜLSER C., Mamedov A., BELLUR ATICI E., ÇAĞIR A., KARLIĞA B., KANDEMİR H., DURDAĞI S., OZPOLAT B., GÜZEL M., et al.

International Soil Science Congress on "Soil Science in International Year of Soils 2015", Sochi, Russia, 19 - 23 October 2015, pp.39

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İç S., Erel A., GÜLSER C., YARBAY ŞAHİN R. Z., AKDOĞAN N.

International Soil Science Congress on "Soil Science in International Year of Soils 2015", Sochi, Russia, 19 - 23 October 2015, pp.251-255

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GÜLSER C., Demir Z., SEÇKİN E., KUŞÇU ŞİMŞEK Ç., KOZAMAN S.

International Soil Science Congress on "Soil Science in International Year of Soils 2015", Sochi, Russia, 19 - 23 October 2015, pp.113-117

XC. Physical Chemical and Biological Attributes in Soil Quality

GÜLSER C.

International Soil Science Congress on "Soil Science in International Year of Soils 2015", Sochi, Russia, 19 - 23 October 2015

XCI. Composting potential of paper mill waste with town waste

GÜLSER C., KIZILKAYA R., KARADAYI M. N., KÜREN N., DURMUŞ M.

International Soil Science Congress on "Soil Science in International Year of Soils 2015", Sochi, Russia, 19 October 2015, pp.152-155

XCII. Islah uygulamaları yapılmış bir merada toprak özelliklerinin uzun dönemde değişimi

İç S., Erel A., GÜLSER C., YARBAY ŞAHİN R. Z., AKDOĞAN N.

Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, Kahramanmaraş, Turkey, 1 - 04 September 2015

XCIII. Effect of manure on organic carbon contents and fractal dimensions of aggregates

GÜLSER C., CANDEMİR F., KANEL Y., DEMİRKAYA S.

9th International Soil Science Congress on "The Soul of Soil & Civilization", 14 - 16 October 2014

XCIV. Different pasture amelioration methods effects on soil and water conservation in natural pasture area of Minoz creek basin

İÇ S., EREL A., GÜLSER C.

9th International Soil Science Congress on "The Soul of Soil & Civilization", 14 - 16 October 2014

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GÜLSER C., YILMAZ D.

9th International Soil Science Congress on "The Soul of Soil & Civilization", 14 - 16 October 2014

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9th International Soil Science Congress on "The Soul of Soil & Civilization", 14 - 16 October 2014

XCVII. Toprakta Organik Karbon ve Elektriksel İletkenliğin Farklı Tarımsal Atık Uygulamaları İle Değişimi

DEMİR Z., GÜLSER C.

II. Uluslararası Katılımlı Kuraklık ve Çölleşme Sempozyumu, Turkey, 16 - 18 September 2014

XCVIII. Concept of soil quality

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Congress on "Actual issues of Science and Agro-Industrial Complex in the European Integration Process", Perm, Russia, 13 - 15 November 2013, vol.1, pp.273-287

XCIX. Fındık Zurufu ve Tütün Atıklarının Toprağın Bazı Fiziksel Özelliklerine Etkisi

GÜLSER C., ÖZDEMİR N., CANDEMİR F., İÇ S., DEMİR Z.

Türkiye V. Organik Tarım Sempozyumu, Turkey, 25 - 27 September 2013

C. Asit Topraklarda Organik ve İnorganik Kökenli Düzenleyici Uygulamalarının Verime Etkileri

ÖZDEMİR N., GÜLSER C., EKBERLİ İ., KOP DURMUŞ Ö. T.

Türkiye V. Organik Tarım Sempozyumu, Turkey, 25 - 27 September 2013

- CI. **Effects of sewage sludge on microbial biomass and basal respiration of soil and earthworm *Lumbricus terrestris* cast**
KIZILKAYA R., GÜLSER C., Dayı Ö., Özbey A. E.
International Conference on "Current status of chernozems", ROSTOV-ON-DON, Russia, 24 - 26 September 2013, pp.385-389
- CII. **Effects of Agricultural Wastes on Hydraulic Properties of A Loamy Sand Field**
GÜLSER C., CANDEMİR F.
Conference on Desertification and Land Degredation, 17-18 June, Ghent-Belgium, 17 - 18 June 2013
- CIII. **Effects of Organic Wastes on Soil Moisture Constants and Relative Saturation of a Clay Field**
CANDEMİR F., GÜLSER C.
4th International Congress EUROSIL2012, Soil Science for the Benefit of Mankind and Environment. Fiera del Levante, Bari Italy, 2 - 06 July 2012
- CIV. **Spatial Variability of Soil Physical Properties in a Cultivated Field**
GÜLSER C., EKBERLİ İ., CANDEMİR F., DEMİR Z.
4th International Congress EUROSIL2012, Soil Science for the Benefit of Mankind and Environment. Fiera del Levante, Bari Italy, 2 - 06 July 2012
- CV. **Mathematical Evaluation of Soil Stress in Erosion Process**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N., SELVİ K. Ç.
8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management", 15 - 17 May 2012, pp.434-440
- CVI. **Toprakta Isı Taşınımının Matematiksel Modellenmesi**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N.
Prof.Dr. Nuri Munsuz Ulusal Toprak ve Su Sempozyumu, 25-27 Mayıs, Ankara, 237-243., Turkey, 25 - 27 May 2011
- CVII. **Effects of Organic and Inorganic Amendments on Erosion Ratio of Acidic Soil**
ÖZDEMİR N., ÖZTÜRK E., EKBERLİ İ., GÜLSER C.
8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management", 15 - 17 May 2012, vol.4, pp.417-421
- CVIII. **Changes in Penetration Resistance of a Clay Field with Organic Waste Applications**
GÜLSER C., CANDEMİR F.
8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management, 15 - 17 May 2012, vol.1, pp.178-183
- CIX. **Effects of Rice Husk Compost Application on Some Soil Physicochemical Properties and Tomato Yield**
DEMİR Z., GÜLSER C.
8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management", 15 - 17 May 2012, vol.1, pp.382-386
- CX. **Effects of Rice Husk Application and Planting on Some Properties of Different Textured Soils**
İÇ S., GÜLSER C.
8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management", 15 - 17 May 2012, vol.2, pp.98-102
- CXI. **Toprakta ısı taşınımının matematiksel modellenmesi**
EKBERLİ İ., GÜLSER C., ÖZDEMİR N.
Ulusal Toprak ve Su Sempozyumu, Turkey, 25 - 27 May 2011, pp.237-243
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DENGİZ O., GÜLSER C., EREL A., DEMİR Z., İÇ S.
Prof.Dr. Nuri Munsuz Ulusal Toprak ve Su Sempozyumu, Turkey, 25 - 27 May 2011, pp.214-222
- CXIII. **İşlenmiş Bir Toprakta Penetrasyon Direncinin Konumsal Değişimi**
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Prof.Dr.Nuri Munsuz Ulusal Toprak ve Su Sempozyumu, Turkey, 25 - 27 May 2011
- CXIV. **Some Mechanical Properties and Workability of Aşağı Aksu Basin Soils**
GÜLSER C., DENGİZ O., İÇ S., DEMİR Z., SELVİ K. Ç.
International Soil Science Congress on "Management of Natural Resources to Sustain Soil Health and Quality, 26 -

28 May 2010

- CXV. **Relations among Beet soilborne virus soil properties and plant root weight in sugar beet fields**
KUTLUK YILMAZ N. D., GÜLSER C., SÖKMEN M.
the International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality, 26
- 28 May 2010
- CXVI. **Effects of Plant Growth on Some Physical Properties of Different Textured Soils**
İÇ S., GÜLSER C., CANDEMİR F., DEMİR Z.
the International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality, 26
- 28 May 2010
- CXVII. **Changes in exchangeable cations in a clay loam soil depth due to surface application of organic wastes**
DEMİR Z., GÜLSER C., CANDEMİR F., İÇ S.
the International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality, 26
- 28 May 2010
- CXVIII. **Some chemical compositions of G lucidum Fr Karst Spent substrates to evaluate as a soil conditioner**
PEKŞEN A., YAKUPOĞLU G., YAKUPOĞLU T., GÜLSER C., ÖZTÜRK E., ÖZDEMİR N.
the International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality, 26
- 28 May 2010
- CXIX. **Changes in pH EC and NO₃ N along a clay soil profile due to surface application of hazelnut husk and manure**
CANDEMİR F., GÜLSER C., İÇ S., DEMİR Z.
International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality, 26 -
28 May 2010
- CXX. **Effects of different pasture amelioration methods on some soil properties in minoz creek basin**
EREL A., GÜLSER C., ÖZYAZICI M. A.
the International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality, 26
- 28 May 2010
- CXXI. **Effects of Rice Husk Dust Application on Some Chemical and Physical Properties of Different Textural Soils**
İÇ S., GÜLSER C.
International Conference on Soil Fertility and Soil Productivity, Differences of Efficiency of Soils for Land Uses, Expenditures and Returns. Humboldt-University Berlin, 17 - 20 March 2010
- CXXII. **Effects of Surface Application of Hazelnut Husk on DTPA Extractable Micro Element Contents Along a Soil Depth**
DEMİR Z., GÜLSER C.
International Conference on Soil Fertility and Soil Productivity, Differences of Efficiency of Soils for Land Uses, Expenditures and Returns, Humboldt-University Berlin, 17 - 20 March 2010
- CXXIII. **Mechanical Properties and Cultivation of A Clay Soil Influenced by Rice Husk Application**
GÜLSER C., İÇ S., CANDEMİR F., DEMİR Z.
10th Baku International Congress on Energy, Ecology, Economy, 23 - 25 September 2009
- CXXIV. **Tütün atığı uygulanmış killi tekstürlü bir arazide zamana bağlı Tobacco mosaic virus TMV konsantrasyonunun izlenmesi**
GÜLSER C., KUTLUK YILMAZ N. D., CANDEMİR F.
III. Bitki Koruma Kongresi, Turkey, 15 - 18 July 2009
- CXXV. **Şeker Pancarı Üretim Alanlarında Vektör Polymyxa Betae Keskin ile Taşınan Toprak Kökenli Virüsler İle Toprak Özellikleri Arasındaki İlişkiler**
KUTLUK YILMAZ N. D., SÖKMEN M., GÜLSER C., SARAÇOĞLU S., YILMAZ D.
III. Bitki Koruma Kongresi, Turkey, 15 - 18 July 2009
- CXXVI. **Some Mechanical Properties and Workability of Soils in a Karadeniz Agricultural Research Institute Field**
GÜLSER C., SELVİ K. Ç., İÇ S.

ISTRO, 15 - 19 June 2009

- CXXVII. **Effects of Rice Husk Application on Mechanical Properties and Cultivation of A Clay Soil with and without Planting**
GÜLSER C., İÇ S., CANDEMİR F., DEMİR Z.
International Meeting on Soil Fertility, Land Management and Agroclimatology, 29 October - 01 November 2008
- CXXVIII. **Pedotransfer Modellerle İnce Bünyeli Topraklarda Doygun Hidrolik İletkenliğin Tahmini**
GÜLSER C., CANDEMİR F., İÇ S., DEMİR Z.
V. Ulusal Hidroloji Kongresi, Turkey, 5 - 07 September 2007
- CXXIX. **Effects of different organic wastes on heavy metals availability in soil**
GÜLSER C., DEMİR Z., CANDEMİR F., İÇ S.
9th Baku International Congress "Energy, Ecology, Economy, 7 - 09 June 2007
- CXXX. **Organik düzenleyiciler olarak fındık zuru ve tütün atıklarının toprağın bazı kimyasal özelliklerine etkileri**
DEMİR Z., GÜLSER C., CANDEMİR F., İÇ S.
Türkiye 3. Organik Tarım Sempozyumu, Turkey, 1 - 04 November 2006
- CXXXI. **Farklı Tekstür Sınıfındaki Topraklarda Elektromanyetik Dalgaların Davranışları**
KOYUNCU T., GÜLSER C., PINAR Y.
Tarımsal Mekanyasyon 23. Ulusal Kongresi, Turkey, 6 - 08 September 2006
- CXXXII. **Using pedotransfer functions to predict aggregation and permeability by hazelnut husk application**
GÜLSER C., Candemir F.
18th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology", 22 - 26 May 2006, vol.3, pp.847-852
- CXXXIII. **The Effects of Organic Conditioners on a Soil Eroded in Different Levels**
ÖZDEMİR N., YAKUPOĞLU T., GÜLSER C.
18th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology, 22 - 26 May 2006
- CXXXIV. **Effects of phosphogypsum on aggregation and permeability of a coarse textured soil**
GÜLSER C., ÖZDEMİR N., CANDEMİR F., EKBERLİ İ.
Azerbaycan'ın Toprak Ehtiyatları ve Korunması, 10 - 14 November 2005
- CXXXV. **Mısırdaki Borlu Gübrelemenin Verim ve Bor Kapsamına Etkileri. I. Ulusal Bor Çalıştayı Bildiriler Kitabı. 28-29 Nisan, Ankara., 4 / 2005**
KORKMAZ A., ÖZDEMİR N., GÜLSER C., KIZILKAYA R., HORUZ A.
TAEK-Ankara, 28 - 29 April 2005
- CXXXVI. **Fındık ve Mısırdaki Borlu Gübrelemenin verim ve Bor Kapsamına Etkileri**
KORKMAZ A., ÖZDEMİR N., GÜLSER C., KIZILKAYA R., HORUZ A., BİNGÖL İ.
1. Ulusal Bor Çalıştayı, Ankara, Turkey, 28 - 29 April 2005, pp.125-132
- CXXXVII. **Changes in Atterberg limits with different organic waste applications**
GÜLSER C., Candemir F.
Natural Resource Management for Sustainable Development, Int. Soil Con., 7 - 10 June 2004
- CXXXVIII. **Boron application in sugar beet**
KORKMAZ A., ÖZDEMİR N., GÜLSER C., KIZILKAYA R., HORUZ A., AŞKIN T., YİRMİBEŞOĞLU B.
The 13th International Symposium of the International Scientific Centre of Fertilizers, Tokat, Turkey, 10 - 13 June 2002, pp.164-172
- CXXXIX. **Toprak oluşum enerjisinin teorik incelenmesi**
EKBERLİ İ., GÜLSER C., KORKMAZ A., ÖZDEMİR N., AŞKIN T., MİKAYİL F.
Su Havzalarında Toprak ve Su Kaynaklarının Korunması. Geliştirilmesi ve Yönetimi Sempozyumu, Turkey, 18 - 20 September 2002, pp.489-494
- CXL. **Using n Value As An Indicator of Soil Structural Stability**
GÜLSER C., ÖZDEMİR N., AŞKIN T., CANDEMİR F., KORKMAZ A.
International Conference on Sustainable Land Use and Management, 10 - 13 June 2002
- CXLI. **Determination of Soil Pollutants Movement by Using Mathematical Models**

MİKAİL SOY F., GÜLSER C., BAYRAKLI F., EKBERLİ İ.

Sixth Baku International Congress on Energy, Ecology, Economy, 30 May - 03 June 2002

- CXLII. **Water Dynamics in Brown Soils During The Irrigation Period Materials of The International Symposium**
BAYRAKLI F., EKBERLİ İ., GÜLSER C., MİKAİL SOY F.
Functions of Soils in The Geosphere-Biosphere Systems, 27 - 30 August 2001
- CXLIII. **Tarım Sistemlerinde Matematiksel Modeller**
EKBERLİ İ., GÜLSER C., KORKMAZ A., MİKAİL SOY F.
Trakya Toprak ve Su Kaynakları Sempozyumu, Turkey, 24 - 27 May 2001
- CXLIV. **Total and DTPA extractable heavy metal contents in alkaline risky soils of Çarşamba plain**
KIZILKAYA R., AŞKIN T., GÜLSER C., GENÇOĞLU S.
Agroenviron 2000. 2nd International Symposium on New Technologies for Environmental Monitoring and Agro-Applications, Tekirdağ, Turkey, 18 - 20 October 2000, pp.1-7
- CXLV. **Determination of Relations Between Some Soil Properties And Some Soil Moisture Constants Using Path Analysis**
ÖZDEMİR N., GÜLSER C., AŞKIN T.
International Symposium on Desertification, 13 - 17 June 2000
- CXLVI. **The effects of inoculation of soil with different numbers of bacteria on aggregation**
AŞKIN T., GÜLSER C., KIZILKAYA R., ÖZDEMİR N.
International Symposium on Desertification, Konya, Turkey, 13 - 16 June 2000, pp.242-246
- CXLVII. **Verimlilik ile Bazı Toprak Parametreleri Arasındaki Fonksiyonel İlişkilerin İncelenmesi**
BAYRAKLI F., EKBERLİ İ., GÜLSER C.
3.Tarımda Bilgisayar Uygulamaları Sempozyumu, Turkey, 3 - 06 October 1999
- CXLVIII. **Nitrate Accumulation in Some Vegetables Sampled From Different Parts of Hillside Fields in Samsun**
GÜLSER C., KORKMAZ A., HORUZ A.
Fifth Baku International Congress on Energy, Ecology, Economy, 21 - 24 September 1999, vol.10, pp.17-21

Supported Projects

Gülser C., Project Supported by Higher Education Institutions, Çay atığından kireçli toprakların kalitesini iyileştirecek asidik kompost üretilmesi ve farklı su stres koşullarında bu ürünün tarımsal etkinliğinin belirlenmesi, 2020 - 2023

Gülser C., Project Supported by Higher Education Institutions, Key Concepts of soil Physics: Development, Current Applications and Future Prospects, 2019 - 2023

Gülser C., Project Supported by Higher Education Institutions, Changes of soil hydraulic properties during the decomposition of organic waste in a coarse textured soil, 2017 - 2023

Gülser C., Project Supported by Higher Education Institutions, International Soil Science Congress on "Environment and Soil Resources Conservation", 2018 - 2019

Gülser C., Project Supported by Higher Education Institutions, Farklı kuraklık koşullarında kompost uygulamasının toprağın fizikokimyasal özelliklerine etkisi, 2017 - 2019

Gülser C., Project Supported by Higher Education Institutions, The 7th International Scientific Agriculture Symposium "Agrosym 2016", 2016 - 2016

Gülser C., Project Supported by Higher Education Institutions, Conference on Desertification and Land Degredation, 2016 - 2016

Gülser C., Project Supported by Higher Education Institutions, International Soil Science Congress on "Soil Science in International Year of Soils 2015", 2015 - 2015

Activities in Scientific Journals

Toprak Bilimi ve Bitki Besleme Dergisi, First Editor, 2014 - Continues

Eurasian Journal of Soil Science, Editor, 2012 - Continues

Memberships / Tasks in Scientific Organizations

Türkiye Toprak Bilimi Derneği, Vice President, 2020 - Continues, Turkey