

Prof. SAKİNE ÖZPINAR

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International Researcher IDs

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Publons / Web Of Science ResearcherID: FQW-8151-2022

ScopusID: 56152929400

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Education Information

Doctorate, Cukurova University, Ziraat Fakültesi, Tarımsal Mekanizasyon, Turkey 1992 - 1998

Postgraduate, Bursa Uludağ University, Ziraat Fakültesi, Tarımsal Mekanizasyon, Turkey 1988 - 1992

Undergraduate, Cukurova University, Ziraat Fakültesi, Tarımsal Mekanizasyon, Turkey 1984 - 1988

Foreign Languages

English, B2 Upper Intermediate

French, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Agricultural Engineering Technology Educational Practices, Harper Adams University College, 1995

Education Management and Planning, Computer-Aided Decision Making in Agriculture, University of Novisad, Faculty of Technical Sciences, 1991

Dissertations

Doctorate, GAP Alanında Pamuk Tarımında Farklı Toprak İşleme ve Ekim Yöntemlerinin Karşılaştırılması Üzerinde Bir Araştırma, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarımsal Mekanizasyon, 1998

Postgraduate, Jeotermal Enerjiden Yararlanarak Isıtılan Değişik Örtü Materyalli Bir Serada Enerji Kazancının Bilgisayar Modeliyle Saptanması, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarımsal Mekanizasyon, 1992

Research Areas

Agricultural Sciences, Agriculture, Farm Machinery, Agricultural Tools and Machines, Mechanization in Plant Production

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarım Makinaları ve Teknolojileri Mühendisliği, 2015 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarım Makinaları ve Teknolojileri Mühendisliği, 2006 - 2015

Assistant Professor, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarım Makinaları ve Teknolojileri Mühendisliği, 2000 - 2006

Lecturer, Harran University, Faculty Of Agriculture, Department Of Agricultural Machinery And Technologies Engineering, 1992 - 2000

Research Assistant, Bursa Uludağ University, Ziraat Fakültesi, Biyosistem Mühendisliği, 1990 - 1992

Academic and Administrative Experience

Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarım Makinaları, 2000 - 2005

Advising Theses

ÖZPINAR S., Güney Marmara Koşullarında Ayçiçeği Üretiminde Toprak İşlemenin Bazı Toprak Özellikleri Üzerine Etkileri, Postgraduate, M.Korkmaz(Student), 2018

ÖZPINAR S., Tarım İşletmelerinde Kullanılan Bitki Koruma Alet ve Makinelerinin Teknik Özellikleri ve Uygulama Sorunlarının Belirlenmesi, Postgraduate, Ü.Ürkmez(Student), 2013

ÖZPINAR S., Bozcaada Bağ Alanlarında Farklı Bakım-Koruma Uygulamalarının Toprak Sıkışıklığı Üzerine Etkisi, Postgraduate, G.Vatansever(Student), 2008

ÖZPINAR S., Kuru Tarım Koşullarında Buğday Üretiminde Farklı Toprak İşleme Yöntemlerinin Yabancı Ot Populasyonuna ve Toprak Özelliklerine Etkileri, Postgraduate, A.Aydın(Student), 2005

ÖZPINAR S., Çanakkale İlinde Domates Üretiminde Farklı Toprak İşleme Yöntemlerinin Karşılaştırılması Üzerine Bir Araştırma, Postgraduate, A.Çay(Student), 2004

Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunması, ÇOMÜ Fen Bilimleri Enstitüsü, January, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Soil Properties in Sloping and Flat Olive Orchards in Rainfed Mediterranean Conditions**
ÖZPINAR S.
Communications in Soil Science and Plant Analysis, vol.54, no.12, pp.1686-1698, 2023 (SCI-Expanded)
- II. **Soil management effect on soil properties in traditional and mechanized vineyards under a semiarid Mediterranean environment**
ÖZPINAR S., ÖZPINAR A., ÇAY A.
SOIL & TILLAGE RESEARCH, vol.178, pp.198-208, 2018 (SCI-Expanded)
- III. **Nutrient concentration and yield of maize (Zea mays L.) after vetch (Vicia sativa L.) in conventional and reduced tillage systems**
ÖZPINAR S.
JOURNAL OF PLANT NUTRITION, vol.39, no.12, pp.1697-1712, 2016 (SCI-Expanded)
- IV. **Tillage effects on soil properties and maize productivity in western Turkey**
ÖZPINAR S., ÖZPINAR A.

ARCHIVES OF AGRONOMY AND SOIL SCIENCE, vol.61, no.7, pp.1029-1040, 2015 (SCI-Expanded)

- V. **Influence of Tillage and Crop Rotation Systems on Economy and Weed Density in a Semi-arid Region**
ÖZPINAR S., ÖZPINAR A.
JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, vol.13, no.5, pp.769-784, 2011 (SCI-Expanded)
- VI. **Changes in Soil Physical Properties in Response to Maize Tillage Management on a Clay Loam Soil**
Ozpınar S.
PHILIPPINE AGRICULTURAL SCIENTIST, vol.93, no.3, pp.337-345, 2010 (SCI-Expanded)
- VII. **TILLAGE AND COVER CROP EFFECTS ON MAIZE YIELD AND SOIL NITROGEN**
Ozpınar S.
BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, vol.15, no.6, pp.533-543, 2009 (SCI-Expanded)
- VIII. **Effects of tillage on productivity of a winter wheat-vetch rotation under dryland Mediterranean conditions**
Ozpınar S.
SOIL & TILLAGE RESEARCH, vol.89, no.2, pp.258-265, 2006 (SCI-Expanded)
- IX. **Effect of different tillage systems on the quality and crop productivity of a clay-loam soil in semi-arid north-western Turkey**
Ozpınar S., Cay A.
SOIL & TILLAGE RESEARCH, vol.88, pp.95-106, 2006 (SCI-Expanded)
- X. **Effects of tillage on biomass, roots, N-accumulation of vetch (Vicia sativa L.) on a clay loam soil in semi-arid conditions**
Ozpınar S., Baytekin H.
FIELD CROPS RESEARCH, vol.96, pp.235-242, 2006 (SCI-Expanded)
- XI. **Effects of tillage, ridging and row spacing on seedling emergence and yield of cotton**
Ozpınar S., Isik A. H.
SOIL & TILLAGE RESEARCH, vol.75, no.1, pp.19-26, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis of Energy Use Efficiency and Greenhouse Gas Emission in Rainfed Canola Production (Case study: Çanakkale Province, Turkey) Kuruda Kanola Üretiminin Enerji Kullanım Verimliliği ve Sera Gazı Emisyonunun Analizi (Örnek Çalışma: Çanakkale ili, Türkiye)**
ÖZPINAR S.
Journal of Tekirdag Agricultural Faculty, vol.20, no.1, pp.197-210, 2023 (Scopus)
- II. **Energy Use and Cost Analysis of Olive Under Flat and Sloping Growing Conditions**
ÖZPINAR S.
Çanakkale Onsekiz Mart Üniversitesi Ziraat Fakültesi Dergisi, no.1, 2020 (Peer-Reviewed Journal)
- III. **Mechanization and agricultural farm structure in the agricultural area of the Dardanelles region**
ÖZPINAR S.
International Journal of Agriculture, Environment and Food Sciences, vol.4, no.1, pp.39-56, 2020 (Peer-Reviewed Journal)
- IV. **The Role of Agricultural Mechanization in Farming System in a Continental Climate**
ÖZPINAR S., ÇAY A.
Tekirdağ Ziraat Fakültesi Dergisi (Journal of Tekirdağ Agricultural Faculty), vol.15, no.2, pp.58-72, 2018 (ESCI)
- V. **An Assessment of Biogas Production Potential from Animal Manures in Çanakkale**
ÖZPINAR S.
ÇOMÜ Ziraat fakültesi, vol.6, no.2, pp.109-116, 2018 (Peer-Reviewed Journal)
- VI. **The Role of Agricultural Mechanization in Farming System in a Continental Climate**
ÖZPINAR S., ÇAY A.
JOURNAL OF TEKIRDAG AGRICULTURE FACULTY-TEKIRDAG ZIRAAT FAKULTESİ DERGİSİ, vol.15, no.2, pp.58-72, 2018 (ESCI)

- VII. **Çanakkale ili domates alanlarında canavarotu (*Orobancha ramosa* L.) ve *Phytomyza orobanchia* Kaltenbach (Diptera: Agromyzidae) arasındaki ilişkinin belirlenmesi**
Özpınar A., Polat B., Şahin A. K., Özpınar S.
Tekirdağ Ziraat Fakültesi Dergisi, vol.14, no.1, pp.48-53, 2017 (Scopus)
- VIII. **The Effects of Long-term Reduced Tillage with Different Crop Rotation and Green Manuring on Sunflower Productivity and Weed Density**
ÇAY A., ÖZPINAR S., AYDIN A.
JOURNAL OF TEKIRDAG AGRICULTURE FACULTY-TEKIRDAG ZIRAAT FAKULTESİ DERGISI, vol.14, no.3, pp.116-126, 2017 (ESCI)
- IX. **Determination of Structural Properties of Agriculture in Canakkale Province**
ÖZPINAR S., Ürkmez U.
JOURNAL OF TEKIRDAG AGRICULTURE FACULTY-TEKIRDAG ZIRAAT FAKULTESİ DERGISI, vol.14, no.1, pp.103-113, 2017 (ESCI)
- X. **Determination of the Relationship Between *Orobancha ramosa* L. and *Phytomyza orobanchia* Kaltenbach, (Diptera: Agromyzidae) on Tomato Areas of Canakkale Province**
Özpınar A., Polat B., Şahin A. K., Özpınar S.
JOURNAL OF TEKIRDAG AGRICULTURE FACULTY-TEKIRDAG ZIRAAT FAKULTESİ DERGISI, vol.14, no.1, pp.48-53, 2017 (ESCI)
- XI. **Determination of structural properties of agriculture in Çanakkale province**
ÖZPINAR S., Ürkmez Ü.
Journal of Tekirdag Agricultural Faculty, vol.14, no.1, pp.103-113, 2017 (Scopus)
- XII. **Çanakkale bölgesinde ayçiçeği tarımında azaltılmış ve klasik toprak işlemenin toprak özellikleri ve ürün verimi üzerine etkisi**
Korkmaz M., ÖZPINAR S.
Tarım Makinaları Bilimi Dergisi, vol.11, no.2, pp.129-137, 2015 (Peer-Reviewed Journal)
- XIII. **Çanakkale İlinde Bazı Meyvelerin Elle Hasadının Teknik ve Ekonomik Analizi ve Meyvelerin Makineli Hasada Yönelik Bazı Özelliklerinin Belirlenmesi**
KOCABIYIK H., KAVDIR İ., ÖZPINAR S.
Tekirdağ Ziraat Fakültesi Dergisi, vol.6, no.1, pp.45-53, 2009 (Peer-Reviewed Journal)
- XIV. **Effects of minimum and conventional tillage systems on soil properties and yield of winter wheat *Triticum aestivum* L in clay loam in the Canakkale region**
ÖZPINAR S., ÇAY A.
Turkish Journal of Agriculture and Forestry, vol.29, no.1, pp.9-18, 2005 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Çanakkale ili Şeftali Üretiminde Enerji Kullanımının İrdelenmesi**
ATEŞ D., ÇAY A., ÖZPINAR S.
33. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Isparta, Turkey, 01 October 2021, pp.98-99
- II. **Energy flow analysis for rice production: A case study from Çanakkale province, Turkey**
ÖZPINAR S.
EurasianSciEnTech 2018, 22 - 23 November 2018, pp.1782-1790
- III. **An Assessment of Agricultural Structure and Mechanization Characteristics in a Continental Climate Region**
ÖZPINAR S., ÇAY A.
THE 13TH INTERNATIONAL CONGRESS ON MECHANIZATION AND ENERGY IN AGRICULTURE INTERNATIONAL WORKSHOP ON PRECISION AGRICULTURE, 13 - 15 September 2017
- IV. **Effect of tillage for traditional and mechanized vineyard establishment on soil properties in a semiarid Mediterranean climate**
ÖZPINAR S., ÖZPINAR A., ÇAY A.

THE 13TH INTERNATIONAL CONGRESS ON MECHANIZATION AND ENERGY IN AGRICULTURE INTERNATIONAL WORKSHOP ON PRECISION AGRICULTURE, 13 May - 15 September 2017

- V. **Long-Term Effect of Tillage Legumes/Maize Rotation on Soil Physical Properties under Dardanos Soil Series**
ÖZPINAR S., ÖZPINAR A.
13th International Congress on Mechanization and Energy in Agriculture International Workshop on Precision Agriculture, 13 - 15 September 2017
- VI. **Growth of Maize (*Zea mays* L.) under Tillage Systems after Winter Vetch (*Vicia sativa* L.):Long Term Study**
ÖZPINAR S., ÖZPINAR A.
THE 13TH INTERNATIONAL CONGRESS ON MECHANIZATION AND ENERGY IN AGRICULTURE INTERNATIONAL WORKSHOP ON PRECISION AGRICULTURE, 13 - 15 September 2017
- VII. **Determination of the Effect of Agricultural Crop Pattern and Mechanization in the Bayramic-Ezine-Kumkale Plains in Bayramiç Dam Irrigation Area**
ÖZPINAR S.
THE 13TH INTERNATIONAL CONGRESS ON MECHANIZATION AND ENERGY IN AGRICULTURE INTERNATIONAL WORKSHOP ON PRECISION AGRICULTURE, 13 - 15 September 2017
- VIII. **Long-Term Tillage and Green Manure Effects on C and N Concentration in a Clay Loam Soil**
ÖZPINAR S., ÖZPINAR A., ÇAY A.
THE 13TH INTERNATIONAL CONGRESS ON MECHANIZATION AND ENERGY IN AGRICULTURE INTERNATIONAL WORKSHOP ON PRECISION AGRICULTURE, 13 - 15 September 2017
- IX. **Influence of different long-term soil management strategies on some soil properties and sunflower yield under semi-arid conditions**
ÇAY A., ÖZPINAR S., AYDIN A.
The 3rd International Conference on Engineering and Natural Sciences (ICENS), 3 - 07 May 2017, pp.268
- X. **Influence of Different Long-Term Soil Management Strategies on Some Soil Properties and Sunflower Yield under Semi-arid Conditions**
ÇAY A., ÖZPINAR S., AYDIN A.
3. International Conference on Engineering and Natural Sciences, 3 - 07 May 2017, pp.268
- XI. **Soil carbon and nitrogen in a leguminous maize crop rotation with three tillage systems under Mediterranean conditions**
ÖZPINAR S., ÖZPINAR A.
The 7th International Scientific Agriculture Symposium "AGROSYM 2016, Bosnia And Herzegovina, 6 - 09 October 2016, pp.139
- XII. **Determination of some biological properties of corn borers *Sesamia nonagrioides* lefebvre and *ostrinia nubilalis* hübner in Çanakkale Turkey maize planting areas**
ÖZPINAR A., ÖZPINAR S.
The 7th International Scientific Agriculture Symposium "AGROSYM 2016, 6 - 09 October 2016, pp.543
- XIII. **Çanakkale ilinde mısır bitkisinde zararlı Mısır koçankurdu, *Sesamia nonagrioides* Lefebvre 1827 (*Lepidoptera: Noctuidae*)'in kışlama durumu ve ergin popülasyon gelişmesi**
ÖZPINAR A., POLAT B., ŞAHİN A. K., ÖZPINAR S.
Bitki Koruma Kongresi, 6 December - 08 June 2014
- XIV. **Bitki koruma makinalarının uygulamadaki sorunlarının belirlenmesi Çanakkale ili**
Ürkmez Ü., ÖZPINAR S.
28. Tarımsal Mekanizasyon Ulusal Kongresi. 4-6 Eylül, 2013, Konya., Konya, Turkey, 4 - 06 September 2013, pp.253-261
- XV. **Bitki Koruma Makinalarının Uygulamadaki Sorunlarının Belir-lenmesi: Çanakkale İli**
ÜRKMEZ Ü., ÖZPINAR S.
28. Ulusal Tarımsal Mekanizasyon Kongresi, Turkey, 4 - 06 September 2013
- XVI. **MAIZE GROWTH AND DEVELOPMENT AS AFFECTED BY TILLAGE SYSTEMS UNDER MEDITERRANEAN CONDITIONS**

ÖZPINAR A., ÖZPINAR S.

5th International Conference on Trends in Agricultural Engineering, Prague, Czech Republic, 3 - 06 September 2013, pp.484-490

XVII. RAINFED WHEAT ENERGY BALANCE OF DIFFERENT TILLAGE SYSTEMS IN WESTERN TURKEY

ÖZPINAR S., ÖZPINAR A.

5th International Conference on Trends in Agricultural Engineering, Prague, Czech Republic, 3 - 06 September 2013, pp.491-497

XVIII. Impact of Tillage Tools on the Soil Properties and Crop Productivity of a Clay Loam Soil in Dryland Farming International Soil Tillage Research Organisation 17th Triennial Conferance August 28 September 310 315 Kiel Germany

ÖZPINAR S., ÇAY A., AYDIN A.

International Soil Tillage Research Organisation 17th Triennial Conferance, Kiel, Germany, 28 August - 03 September 2006, pp.310-315

XIX. Tillage practices for winter wheat vetch rotation farming in the dryland Mediterranean climate 9th International Congress on Mechanization and Energy in Agriculture 27th International Conference of CIGR Section IV The Efficient Use of Electricity and Renewable Energy Sources in Agriculture Sep 27 29 2005 İzmir Turkey

ÖZPINAR S., ÇAY A., AYDIN A.

9th International Congress on Mechanization and Energy in Agriculture 27th International Conference of CIGR Section IV: The Efficient Use of Electricity and Renewable Energy Sources in Agriculture, İzmir, Turkey, 27 - 29 September 2005, pp.6-12

XX. Ayçiçeğinde toprak neminden maksimum yarar sağlamak için bazı ekim bakım uygulamaları 8 10 Eylül 2004 Aydın 156 161

KAVDİR İ., TURHAN H., ÖZPINAR S., ÇAY A., PEKİTKAN F. G., AKGÜL H. N.

Tarımsal Mekanizasyon 22. Ulusal Kongresi, Aydın, Turkey, 8 - 10 September 2004, pp.156-161

XXI. Çanakkale İli Domates Üretiminde Farklı Toprak İşleme Yöntemlerinin Karşılaştırılması 08 10 Eylül 2004 Aydın

ÇAY A., ÖZPINAR S.

Tarımsal Mekanizasyon 22. Ulusal Kongresi, Aydın, Turkey, 8 - 10 September 2004, pp.131-139

XXII. Ayçiçeğinde toprak neminden maksimum yarar sağlamak için bazı ekim bakım uygulamaları Tarımsal Mekanizasyon 22 Ulusal Kongresi 08 10 Eylül 2004 Aydın

KAVDİR İ., TURHAN H., ÖZPINAR S., ÇAY A., PEKİTKAN F. G., AKGÜL H. N.

Tarımsal Mekanizasyon 22. Ulusal Kongresi, Aydın, Turkey, 8 - 10 September 2004, pp.156-161

Supported Projects

ÖZPINAR A., POLAT B., ŞAHİN A. K., ÖZPINAR S., Project Supported by Higher Education Institutions, Çanakkale İlinde Mısır Bitkisinde Zararlı Mısır koçankurdu (*Sesamia spp.*, Lepidoptera: Noctuidae) Türleri ve Yumurta Parazitoitlerinin Etkinliğinin Belirlenmesi, 2010 - 2013

SÜMER S. K., ÖZPINAR S., AYDIN A., M.SAY S., Project Supported by Higher Education Institutions, Çanakkale İlinde Kullanılmış Traktör Fiyatlarının Değerlendirilmesi, 2006 - 2008

KOCABIYIK H., KAVDIR İ., ÖZPINAR S., Project Supported by Higher Education Institutions, Çanakkale İlinde Meyve Hasadının Teknik ve Ekonomik Başarılarının ve Meyvelerin Makinalı Hasada Yönelik Bazı Özelliklerinin Belirlenmesi, 2004 - 2008

Activities in Scientific Journals

Tarım Makinaları Dergisi, Evaluation Committee Member, 2005 - Continues

Memberships / Tasks in Scientific Organizations

Tarım Makinaları Bilimi Dergisi, Member, 2005 - Continues

International Soil Tillage Research Organisation (ISTRO), Member, 2003 - Continues

Scientific Refereeing

Soil & Tillage Research, SCI Journal, January 2015

Agronomy Journal, SCI Journal, January 2014

Tarım Makinaları Bilimi Dergisi, National Scientific Refreed Journal, January 2014

Soil & Tillage Research, SCI Journal, January 2014

Soil & Tillage Research,, SCI Journal, January 2014

Journal of Agricultural Science and Technology, SCI Journal, January 2013

Energy, SCI Journal, January 2013

Energy, SCI Journal, January 2012

African Journal of Agricultural Research, SCI Journal, January 2012

Journal of Development and Agricultural Economics, SCI Journal, January 2011

Journal of Agricultural Science and Technology, SCI Journal, January 2011

Uludağ Üniversitesi Ziraat Fak. Dergisi, National Scientific Refreed Journal, January 2010

Agronomy Research , SCI Journal, January 2009

Turkish Journal of Agriculture and Forestry, SCI Journal, January 2009

Gaziosmanpaşa Üniversitesi, Ziraat Fak.Derg, National Scientific Refreed Journal, January 2009

Scientific Consultations

TÜBİTAK, Project Consultancy, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarım Makinaları ve Teknolojileri Mühendisliği, Turkey, 2013 - Continues

TUBİTAK, Project Consultancy, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarım Makinaları ve Teknolojileri Mühendisliği, Turkey, 2008 - 2010

Metrics

Publication: 163

Citation (WoS): 142

Citation (Scopus): 162

H-Index (WoS): 6

H-Index (Scopus): 7

Congress and Symposium Activities

11th International Congress on Mechanization and Energy in Agriculture, Session Moderator, İstanbul, Turkey, 2011

Tarımsal Mekanizasyon 21. Ulusal Kongresi, Session Moderator, Konya, Turkey, 2003

Scholarships

YÖK Öğretim Üyesi ve Araştırmacı Yetiştirme Bursu, YOK, 2012 - Continues