

Prof. HALİL KIRNAK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ohio State University, College of Engineering, Food Agricultural and Biological Engineering, United States Of America 1994 - 1998

Postgraduate, Ohio State University, College of Engineering, Food Agricultural and Biological Engineering, United States Of America 1994 - 1996

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar ve Sulama, Turkey 1989 - 1992

Undergraduate, Cukurova University, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama, Turkey 1985 - 1989

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Developing a theoretical basis for demand irrigation of Acer Rubrum, Ohio State University, 1998

Postgraduate, Application of remote sensing and GIS on watershed (Non-thesis), Ohio State University, College of Engineering, Biosystem Engineering, 1995

Postgraduate, Adana ili ve ilçelerindeki mevcut koyunculuk işletmelerinin yapısal durumu özellikleri ve bölge iklim koşullarına uygun barınak planlarının geliştirilmesi üzerine bir araştırma, Cukurova University, Fen Bilimleri Enstitüsü, 1992

Research Areas

Agricultural Buildings, Water Resources Development, Hydraulic, Irrigation and Drainage Engineering, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Adana Meslek Yüksek Okulu, İnşaat, 2020 - Continues

Professor, Aydın Adnan Menderes University, Faculty Of Engineering, 2017 - 2020

Professor, Erciyes University, Seyrani Ziraat Fakültesi, Biyosistem Mühendisliği, 2011 - 2017

Professor, Harran University, Faculty Of Agriculture, Department Of Agricultural Structures And Irrigation, 2008 - 2011

Associate Professor, Harran University, Faculty Of Agriculture, Department Of Agricultural Structures And Irrigation, 2003 - 2008

Assistant Professor, Harran University, Faculty Of Agriculture, Department Of Agricultural Structures And Irrigation, 1999 - 2003

Research Assistant, Ohio State University, College of Engineering, Food Agricultural and Biological Engineering, 1997 - 1998

Research Assistant, Cukurova University, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama, 1990 - 1994

Academic and Administrative Experience

Head of Department, Cukurova University, Adana Meslek Yüksek Okulu, İnşaat, 2020 - Continues

Head of Department, Aydın Adnan Menderes University, Faculty Of Engineering, 2017 - 2020

Head of Department, Aydın Adnan Menderes University, Faculty Of Engineering, 2017 - 2020

Dean, Aydın Adnan Menderes University, Faculty Of Engineering, 2017 - 2019

Vice Rector, Aydın Adnan Menderes University, Faculty Of Engineering, 2017 - 2019

Head of Department, Erciyes University, Seyrani Ziraat Fakültesi, Biyosistem Mühendisliği, 2011 - 2017

Dean, Erciyes University, Seyrani Ziraat Fakültesi, Biyosistem Mühendisliği, 2012 - 2015

Vice Rector, Harran University, Faculty Of Agriculture, Department Of Agricultural Structures And Irrigation, 2008 - 2010

Vice Dean, Harran University, Faculty Of Agriculture, Department Of Agricultural Structures And Irrigation, 2004 - 2007

Head of Department, Harran University, Faculty Of Agriculture, Department Of Agricultural Structures And Irrigation, 2000 - 2001

Courses

Doctorate

Advances in Irrigation, Doctorate, 2012 - 2013

Postgraduate

Applied hydrology-Uygulamalı hidroloji, Postgraduate, 2018 - 2019

Ethics in Engineering-Mühendislikte etik, Postgraduate, 2018 - 2019

Bilimsel yayın ilkeleri ve etik, Postgraduate, 2018 - 2019

Çalışma hayatında etik, Postgraduate, 2018 - 2019

Well hydraulic-Kuyu Hidroliği, Postgraduate, 2018 - 2019

Groundwater contamination-Yeraltısuyu kirliliği, Postgraduate, 2018 - 2019

Sulama şebekelerinin işletilmesi ve yönetimi, Postgraduate, 2015 - 2016

Evapotranspirasyon, Postgraduate, 2015 - 2016

Sulama Programlama Teknikleri, Postgraduate, 2014 - 2015

Kültür Bitkilerinin Sulanması, Postgraduate, 2014 - 2015

Erozyon ve Kontrol Mekanizmaları, Postgraduate, 2011 - 2012

Toprak-Bitki-Su İlişkileri, Postgraduate, 2006 - 2007

Undergraduate

Hydrology-Hidroloji, Undergraduate, 2019 - 2020

Irrigation and drainage engineering-Sulama ve kurutma, Undergraduate, 2018 - 2019

Engineering drawing, Undergraduate, 2019 - 2020

İstatistik, Undergraduate, 2016 - 2017

Toprak ve su kaynaklarının korunması, Undergraduate, 2016 - 2017

Sulama Mühendisliği, Undergraduate, 2016 - 2017

Mühendislik matematiği, Undergraduate, 2014 - 2015

Sulama Suyu Kalitesi ve Tuzluluk, Undergraduate, 2014 - 2015

Diferansiyel Denklemler, Undergraduate, 2014 - 2015

Akışkanlar Mekaniği, Undergraduate, 2013 - 2014

Mesleki Yabancı Dil, Undergraduate, 2013 - 2014

Drenaj ve Arazi Islahı, Undergraduate, 2012 - 2013

Statik, Undergraduate, 2011 - 2012

Yapı Malzeme Bilgisi, Undergraduate, 2010 - 2011

Su yapıları, Undergraduate, 2009 - 2010

Sulama Sistemleri, Undergraduate, 2008 - 2009

İklim Bilgisi, Undergraduate, 2007 - 2008

Yapı Statiği, Undergraduate, 2007 - 2008

Matematik I ve II, Undergraduate, 2007 - 2008

Tarımsal yapılar, Undergraduate, 2008 - 2009

Açık Kanal Hidroliği, Undergraduate, 2007 - 2008

Mukavemet, Undergraduate, 2006 - 2007

Sera Yapım Tekniği, Undergraduate, 2006 - 2007

Statik ve mukavemet, Undergraduate, 2006 - 2007

Ölçme Bilgisi, Undergraduate, 2005 - 2006

Hayvan Barınaklarının Planlaması, Undergraduate, 1999 - 2000

Su yönetimi ve işletmesi, Undergraduate, 1999 - 2000

Associate Degree

Arazi Ölçmeleri, Associate Degree, 2020 - 2021

İş Güvenliği ve İşçi Sağlığı, Associate Degree, 2020 - 2021

Teknik Resim, Associate Degree, 2020 - 2021

Bilgisayar Destekli Tasarım, Associate Degree, 2020 - 2021

Yapı Malzemeleri, Associate Degree, 2020 - 2021

Supervised Theses

Kırnak H., DÜNYADA VE ÜLKEMİZDE İŞ SAĞLIĞI VE GÜVENLİĞİNİN TARİHSEL GELİŞİMİ, Postgraduate,

B.ÖKMEN(Student), 2020

Kırnak H., Farklı sulama suyu seviyelerinin maş fasulyesi verimi üzerine etkisi ve bitki su stres indeksinin sulama programlamasında kullanılma olanakları, Postgraduate, İ.GÖLGÜL(Student), 2019

Kırnak H., Serada kullanılan cihazların enerji ihtiyaçlarının güneş enerjisi yardımı ile karşılanması, Postgraduate, Ş.POLAT(Student), 2018

Kırnak H., Çerezlik kabakta tarla düzeyli uzaktan algılama tekniklerinin verim, kalite tahmini ve sulama suyu yönetiminde kullanılması, Doctorate, H.ALİ(Student), 2018

Kırnak H., Kayseri ili çerezlik kabak ekiliş alanlarında görülen yabancı otların tespiti ve çerezlik kabak yetiştiriciliğinde damlama sulama yöntemiyle farklı sulama dozlarının yabancı otlanmaya etkisinin araştırılması, Postgraduate, Ç.ÖZDEMİR(Student), 2018

Kırnak H., Çerezlik kabakta farklı sulama suyu seviyesinin bitki gelişimi, verim ve kalite üzerine etkisi, Postgraduate, M.YILMAZ(Student), 2018

Kırnak H., Nohut bitkisinde farklı gelişim dönemlerinde uygulanan sulamaların bitki gelişimi, verim ve verim parametreleri üzerine etkisi, Postgraduate, İ.SERKAN(Student), 2018

Kırnak H., Kayseri ili sulama birliklerinin performans analizi, Postgraduate, L.KARACA(Student), 2017

Kırnak H., Kayseri koşullarında damla sulama sistemi ile sulanan bezelyede su verim ilişkisi, Postgraduate, S.UZUN(Student), 2017

Kırnak H., İç Anadolu Bölgesinde toprak neminin belirlenmesinde kullanılan bazı toprak nem sensörlerinin değerlendirilmesi, Postgraduate, Y.AKPINAR(Student), 2016

Kırnak H., Tamburlu yağmurlama sulama sisteminin performans analizi ve Harran ovası koşullarında kullanım olanakları,

Postgraduate, P.BAHÇECİ(Student), 2006

Kırnak H., Harran ovasında farklı sulama yöntemlerinin ekonomik analizi, Postgraduate, B.TALMAÇ(Student), 2006

Kırnak H., GAP-Şanlıurfa bölgesi bireysel yağmurlama sulama sistemlerinin bazı performans ölçütlerinin belirlenmesi, Postgraduate, S.DEMİR(Student), 2005

Kırnak H., Sulama sistemleri ve sulama programının kayısında bitki su tüketimi ile bazı fizyolojik özellikler ve yaprak alanı üzerine etkileri, Postgraduate, M.NAİM(Student), 2003

Kırnak H., Şanlıurfa biberinin sulama aralığı ve su tüketiminin belirlenmesi, Postgraduate, İ.TAŞ(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Potential use of crop water stress index (CWSI) and spectral vegetation indices for black cumin under deficit irrigation**
İRİK H. A., Kaymaz E., Saban Polu P., BEYZİ E., VAROL İ. S., ÜNLÜKARA A., KIRNAK H.
Environmental Sciences Europe, vol.36, no.1, 2024 (SCI-Expanded)
- II. **Effects of Supplementary Drip Irrigations Applied in Different Growth Stages on Yield and Yield Components of Chickpea Plants Grown Under Semiarid Climate Conditions**
VAROL İ. S., KIRNAK H., İRİK H. A., ÖZAKTAN H.
GESUNDE PFLANZEN, vol.75, no.4, pp.1307-1314, 2023 (SCI-Expanded)
- III. **Responses of Furrow Irrigated Paprika Pepper Cultivars on Yield and Crop Water Stress Index (CWSI) Under Semi-Arid Climate Condition**
Kırnak H., Karipçin M. Z.
GESUNDE PFLANZEN PFLANZENSCHUTZ, VERBRAUCHERSCHUTZ, UMWELTSCHUTZ, no.doi.org/10.1007/s10343-022-00810-3, pp.1-9, 2023 (SCI-Expanded)
- IV. **Yield Components and Crop Water Stress Index (CWSI) of Mung Bean Grown Under Deficit Irrigations**
Gölgül İ., Kırnak H., İrik H. A.
GESUNDE PFLANZEN PFLANZENSCHUTZ, VERBRAUCHERSCHUTZ, UMWELTSCHUTZ, no.doi.org/10.1007/s10343-022-00698-z, pp.1-11, 2023 (SCI-Expanded)
- V. **Evaluation of spectral vegetation indices for drip irrigated pumpkin seed under semi arid conditions**
İRİK H. A., KIRNAK H.
ARABIAN JOURNAL OF GEOSCIENCES, vol.15, no.861, pp.1-11, 2022 (SCI-Expanded)
- VI. **Supplementary irrigations at different physiological growth stages of chickpea (Cicer arietinum L.) change grain nutritional composition**
VAROL İ. S., Kardes Y. M., İRİK H. A., Kırnak H., KAPLAN M.
FOOD CHEMISTRY, vol.303, 2020 (SCI-Expanded)
- VII. **Potential use of crop water stress index (CWSI) in irrigation scheduling of drip-irrigated seed pumpkin plants with different irrigation levels**
Kırnak H., İRİK H. A., ÜNLÜKARA A.
SCIENTIA HORTICULTURAE, vol.256, 2019 (SCI-Expanded)
- VIII. **Variations in oil, protein, fatty acids and vitamin E contents of pumpkin seeds under deficit irrigation**
KIRNAK H., İRİK H. A., SİPAHİOĞLU O., ÜNLÜKARA A.
GRASAS Y ACEITES, vol.70, no.2, 2019 (SCI-Expanded)
- IX. **Soil characteristics of soybean fields as effected by compaction, irrigation and fertilization**
Kırnak H., GÖKALP Z., Dogan E., Copur O.
LEGUME RESEARCH, vol.40, no.4, pp.691-697, 2017 (SCI-Expanded)
- X. **Effects of irrigation, soil compaction and fertilization treatments on physiological - vegetative characteristics and root development of soybean**
Kırnak H., Gokalp Z., Dogan E., Copur O.
LEGUME RESEARCH, vol.39, no.1, pp.52-60, 2016 (SCI-Expanded)

- XI. **Paprika Pepper Yield and Quality as Affected by Different Irrigation Levels**
Kirnak H., GÖKALP Z., Demir H., Kodal S., Yildirim E.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.22, no.1, pp.77-88, 2016 (SCI-Expanded)
- XII. **Varying irrigation rates effect on yield and yield components of chickpea**
Dogan E., Kahraman A., Bucak B., Kirnak H., Guldur M. E.
IRRIGATION SCIENCE, vol.31, no.5, pp.903-909, 2013 (SCI-Expanded)
- XIII. **Irrigation and Yield Parameters of Soybean as Effected by Irrigation Management, Soil Compaction and Nitrogen Fertilization**
Kirnak H., Dogan E., Copur O., GÖKALP Z.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.19, no.4, pp.297-309, 2013 (SCI-Expanded)
- XIV. **Supplemental irrigation effect on canola yield components under semiarid climatic conditions**
Dogan E., Copur O., Kahraman A., Kirnak H., Guldur M. E.
AGRICULTURAL WATER MANAGEMENT, vol.98, no.9, pp.1403-1408, 2011 (SCI-Expanded)
- XV. **Effect of drip irrigation intensity on soybean seed yield and quality in the semi-arid Harran plain, Turkey**
Kirnak H., Dogan E., Turkoglu H.
SPANISH JOURNAL OF AGRICULTURAL RESEARCH, vol.8, no.4, pp.1208-1217, 2010 (SCI-Expanded)
- XVI. **Water temperature and system pressure effect on drip lateral properties**
Dogan E., Kirnak H.
IRRIGATION SCIENCE, vol.28, no.5, pp.407-419, 2010 (SCI-Expanded)
- XVII. **Effect of Preharvest Deficit Irrigation on Second Crop Watermelon Grown in an Extremely Hot Climate**
Kirnak H., Dogan E., Bilgel L., Berakatoglu K.
JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING, vol.135, no.2, pp.141-148, 2009 (SCI-Expanded)
- XVIII. **Effect of seasonal water stress imposed on drip irrigated second crop watermelon grown in semi-arid climatic conditions**
Kirnak H., Dogan E.
IRRIGATION SCIENCE, vol.27, no.2, pp.155-164, 2009 (SCI-Expanded)
- XIX. **Drought Stress Imposed at Different Reproductive Stages Influences Growth, Yield and Seed Composition of Soybean**
Kirnak H., Dogan E., Alpaslan M., Celik S., Boydak E., Copur O.
PHILIPPINE AGRICULTURAL SCIENTIST, vol.91, no.3, pp.261-268, 2008 (SCI-Expanded)
- XX. **Effect of varying the distance of collectors below a sprinkler head and travel speed on measurements of mean water depth and uniformity for a linear move irrigation sprinkler system**
Dogan E., Kirnak H., Doyan Z.
BIOSYSTEMS ENGINEERING, vol.99, no.2, pp.190-195, 2008 (SCI-Expanded)
- XXI. **Water stress imposed on muskmelon (Cucumis Melo L.) with subsurface and surface drip irrigation systems under semi-arid climatic conditions**
Dogan E., Kirnak H., Berekatoglu K., Bilgel L., Surucu A.
IRRIGATION SCIENCE, vol.26, no.2, pp.131-138, 2008 (SCI-Expanded)
- XXII. **Dynamic modeling of tension-controlled irrigation of container-grown nursery plants**
Kirnak H., Keener H. M., Hansen R. C., Short T. H.
TRANSACTIONS OF THE ASABE, vol.50, no.6, pp.2247-2254, 2007 (SCI-Expanded)
- XXIII. **Deficit irrigations during soybean reproductive stages and CROPGRO-soybean simulations under semi-arid climatic conditions**
Dogan E., Kirnak H., Copur O.
FIELD CROPS RESEARCH, vol.103, no.2, pp.154-159, 2007 (SCI-Expanded)
- XXIV. **Effect of seasonal water stress on soybean and site specific evaluation of CROPGRO-Soybean model under semi-arid climatic conditions**
Dogan E., Kirnak H., Copur O.

- AGRICULTURAL WATER MANAGEMENT, vol.90, pp.56-62, 2007 (SCI-Expanded)
- XXV. **Effects of different irrigation regimes and mulches on yield and macronutrition levels of drip-irrigated cucumber under open field conditions**
Kirnak H., Demirtas M. N.
JOURNAL OF PLANT NUTRITION, vol.29, no.9, pp.1675-1690, 2006 (SCI-Expanded)
- XXVI. **Influence of polyethylene mulch, irrigation regime, and potassium rates on field cucumber yield and related traits**
Kaya C., Higgs D., Kirnak H.
JOURNAL OF PLANT NUTRITION, vol.28, no.10, pp.1739-1753, 2005 (SCI-Expanded)
- XXVII. **Effects of irrigation and nitrogen rates on growth, yield, and quality of muskmelon in semiarid regions**
Kirnak H., Higgs D., Kaya C., Tas I.
JOURNAL OF PLANT NUTRITION, vol.28, no.4, pp.621-638, 2005 (SCI-Expanded)
- XXVIII. **Determination of hydraulic performance of trickle irrigation emitters used in irrigation systems in the Harran plain**
Kirnak H., Doğan E., Demir S., Sabri Y.
Turkish Journal Of Agriculture And Forestry, vol.28, pp.223-230, 2004 (SCI-Expanded)
- XXIX. **Mycorrhizal colonisation improves fruit yield and water use efficiency in watermelon (*Citrullus lanatus* Thunb.) grown under well-watered and water-stressed conditions**
Kaya C., Higgs D., Kirnak H., Tas I.
PLANT AND SOIL, vol.253, no.2, pp.287-292, 2003 (SCI-Expanded)
- XXX. **Effects of preharvest drip-irrigation scheduling on strawberry yield, quality and growth**
Kirnak H., Kaya C., Higgs D., Bolat I., Simsek M., İkinci A.
AUSTRALIAN JOURNAL OF EXPERIMENTAL AGRICULTURE, vol.43, no.1, pp.105-111, 2003 (SCI-Expanded)
- XXXI. **Responses of drip irrigated bell pepper to water stress and different nitrogen levels with or without mulch cover**
Kirnak H., Kaya C., Higgs D., Tas I.
JOURNAL OF PLANT NUTRITION, vol.26, no.2, pp.263-277, 2003 (SCI-Expanded)
- XXXII. **Ameliorative effect of calcium nitrate on cucumber and melon plants drip irrigated with saline water**
Kaya C., Higgs D., Kirnak H., Tas I.
JOURNAL OF PLANT NUTRITION, vol.26, no.8, pp.1665-1681, 2003 (SCI-Expanded)
- XXXIII. **Comparison of Erosion and runoff predicted by WEPP and ANGPS models using geographic information system**
Kirnak H.
Turkish Journal Of Agriculture And Forestry, vol.26, pp.261-268, 2002 (SCI-Expanded)
- XXXIV. **Evaluation of physically based and empirically determined evapotranspiration models for nursery plants**
Kirnak H., Hansen R., Keener H., Short T.
Turkish Journal Of Agriculture And Forestry, vol.26, pp.355-362, 2002 (SCI-Expanded)
- XXXV. **Supplementary calcium enhances plant growth and fruit yield in strawberry cultivars grown at high (NaCl) salinity**
Kaya C., Kirnak H., Higgs D., Saltali K.
SCIENTIA HORTICULTURAE, vol.93, no.1, pp.65-74, 2002 (SCI-Expanded)
- XXXVI. **Effects of deficit irrigation on growth, yield, and fruit quality of eggplant under semi-arid conditions**
Kirnak H., Tas I., Kaya C., Higgs D.
AUSTRALIAN JOURNAL OF AGRICULTURAL RESEARCH, vol.53, no.12, pp.1367-1373, 2002 (SCI-Expanded)
- XXXVII. **An Evapotranspiration model for nursery plants grown in a lysimeter under field conditions**
Kirnak H., Short T.
Turkish Journal Of Agriculture And Forestry, vol.25, no.1, pp.57-63, 2001 (SCI-Expanded)
- XXXVIII. **Effects of supplementary potassium and phosphorus on physiological development and mineral nutrition of cucumber and pepper cultivars grown at high salinity (NaCl)**

- Kaya C., Kirnak H., Higgs D.
JOURNAL OF PLANT NUTRITION, vol.24, no.9, pp.1457-1471, 2001 (SCI-Expanded)
- XXXIX. **An experiment to investigate the ameliorative effects of foliar potassium phosphate sprays on salt-stressed strawberry plants**
Kaya C., Kirnak H., Higgs D.
AUSTRALIAN JOURNAL OF AGRICULTURAL RESEARCH, vol.52, no.10, pp.995-1000, 2001 (SCI-Expanded)
- XL. **A long-term experiment to study the role of mulches in the physiology and macro-nutrition of strawberry grown under water stress**
Kirnak H., Kaya C., Higgs D., Gercek S.
AUSTRALIAN JOURNAL OF AGRICULTURAL RESEARCH, vol.52, no.9, pp.937-943, 2001 (SCI-Expanded)
- XLI. **Enhancement of growth and normal growth parameters by foliar application of potassium and phosphorus in tomato cultivars grown at high (NaCl) salinity**
Kaya C., Kirnak H., Higgs D.
JOURNAL OF PLANT NUTRITION, vol.24, no.2, pp.357-367, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Image Processing Technique on Quality Properties of Chickpea Seeds (Cicer arietinum L.) Using Machine Learning Algorithms**
Varol İ. S., Çetin N., Kirnak H.
JOURNAL OF AGRICULTURAL SCIENCES, vol.29, no.2, pp.427-442, 2023 (Scopus)
- II. **Toprak Nemi Belirlenmesinde Kullanılan Tansiyometrenin Arazi Kalibrasyonu**
KIRNAK H., AKPINAR Y., İRİK H. A.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.9, no.4, pp.823-829, 2022 (Peer-Reviewed Journal)
- III. **Bezelyede (Pisum sativum L.) Farklı Sulama Suyu Düzeylerinin Bazı Morfolojik Özellikler Üzerine Etkisi ve İlişkisi**
ÖZAKTAN H., KIRNAK H., ARSLAN M., UZUN S., İRİK H. A., Yılmaz M.
Çukurova Tarım ve Gıda bilimleri dergisi (Online), vol.37, no.1, pp.30-37, 2022 (Peer-Reviewed Journal)
- IV. **Sarımsaklı Pompaj Sulama Birliği Performans Analizi**
KIRNAK H., KARACA L., İRİK H. A.
Türk Tarım ve Doğa Bilimleri Dergisi, vol.8, no.4, pp.1167-1173, 2021 (Scopus)
- V. **WATER – YIELD RELATIONS OF DRIP-IRRIGATED PEAS UNDER SEMI-ARID CLIMATE CONDITION**
KIRNAK H., UZUN S., İRİK H. A., ÖZAKTAN H., ARSLAN M.
International Journal of Agricultural and Natural Sciences, vol.14, no.2, pp.85-95, 2021 (Peer-Reviewed Journal)
- VI. **Sarıoğlan Sulama Birliği Sahasında Sulama Performansının Değerlendirilmesi**
KIRNAK H., Karaca L.
GAZİSOMANPAŞA BİLİMSEL ARAŞTIRMA DERGİSİ, vol.6, pp.35-41, 2017 (Peer-Reviewed Journal)
- VII. **Yüzey Altı ve Yüzey Üstü Damla Sulama Sistemiyle Sulanan Kavunda Kısıntılı Sulamanın Bazı Kantitatif Parametrelere Etkisi**
Kirnak H., Doğan E.
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.34, pp.81-87, 2017 (Peer-Reviewed Journal)
- VIII. **Effects of Supplementary Irrigation At Different Periods On Crude Protein, Oil and Ash Content of Chickpea**
KIRNAK H., VAROL İ. S., İRİK H. A., ÖZAKTAN H.
GAZİSOMANPAŞA BİLİMSEL ARAŞTIRMA DERGİSİ, vol.6, pp.168-176, 2017 (Peer-Reviewed Journal)
- IX. **Effects of irrigation applied at different growth stages on chickpea yield**
KIRNAK H., VAROL İ. S., İRİK H. A., ÖZAKTAN H.
Agronomy Research, vol.15, no.5, pp.1928-1933, 2017 (Scopus)
- X. **Sulama Programlamasında Uzaktan Algılama Tekniklerinin Kullanılabilir Olanakları**

- Kırnak H., İrik H.
Gaziosmanpaşa Üniversitesi Bilimsel Araştırma Dergisi , vol.6, pp.138-145, 2017 (Peer-Reviewed Journal)
- XI. **Nohut Bitkisinde Farklı Gelişim Dönemlerinde Uygulanan Ek Sulamanın Ham Protein, Ham Yağ ve Ham Kül İçeriğine Etkisi**
Kırnak H., Varol İ., İrik H., Özaktan H.
GAZİOSMANPAŞA BİLİMSEL ARAŞTIRMA DERGİSİ, vol.6, pp.168-176, 2017 (Peer-Reviewed Journal)
- XII. **Yüzey Altı ve Yüzey Üstü Damla Sulama Sistemiyle Sulanan Kavunda Kısıntılı Sulamanın Bazı Kantitatif Parametrelere Etkisi**
Kırnak H., Doğan E.
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.34, pp.81-87, 2017 (Peer-Reviewed Journal)
- XIII. **Use of Crop Water Stress Index for Pumpkin Seed**
KIRNAK H., ÜNLÜKARA A., İRİK H. A., KÖKSAL E. S.
ULUDAĞ ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ, vol.30, pp.301-306, 2016 (Peer-Reviewed Journal)
- XIV. **Performance Evaluation of TDR Soil Moisture Sensor**
KIRNAK H., AKPINAR Y.
Agronomy Research, vol.14, no.2, pp.428-433, 2016 (Scopus)
- XV. **A comparison between deterministic and stochastic evapotranspiration models for container grown Acer Rubrum**
Kırnak H.
Tarım Bilimleri Araştırma Dergisi, vol.7, no.1, pp.33-38, 2014 (Peer-Reviewed Journal)
- XVI. **GAP-Şanlıurfa ili bireysel yağmurlama sulama sistemlerinin performans göstergeleri**
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Memberships / Tasks in Scientific Organizations

TÜBİTAK-TOVAG, Member of Advisory Board, 2004 - 2007, Turkey

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Scholarships

Yurtdışı doktora bursu, YOK, 1994 - 1998

Awards

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