

Prof. Hakan Arslan

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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama (Dr), Turkey 2005 - 2010

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama (YI) (Tezli), Turkey 2002 - 2005

Undergraduate, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama Bölümü, Turkey 1995 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bafra ovasında deniz suyu girişiminin belirlenmesi ve su-toprak kaynakları üzerine etkisi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama (Dr), 2010

Postgraduate, Bafra ovası sağ sahil sulama alanının taban suyu derinlik ve tuzluluk haritalarının coğrafi bilgi sistemi yardımıyla hazırlanması ve değerlendirilmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama (YI) (Tezli), 2005

Research Areas

Agricultural Sciences

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama Bölümü, 2020 - Continues

Associate Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama Bölümü, 2015 - 2020

Assistant Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama Bölümü, 2010 - 2015

Academic and Administrative Experience

Ondokuz Mayıs University, 2016 - Continues

Courses

Tarımsal Drenaj, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Tarımsa Su kalitesi ve Yönetimi, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Drenaj Sistemlerinin Planlanması, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Kültürteknik, Undergraduate, 2013 - 2014, 2012 - 2013
Su Kaynaklarının Planlanması, Undergraduate, 2013 - 2014
İçme ve Kullanma Suyu Sağlama, Undergraduate, 2012 - 2013, 2010 - 2011
Mühendislik Ölçmesi, Undergraduate, 2012 - 2013
Arazi Toplulaştırma, Undergraduate, 2012 - 2013, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The assessment of groundwater quality through the water quality and nitrate pollution indexes in northern Türkiye**
Arslan H., Çolak M. G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.195, no.10, 2023 (SCI-Expanded)
- II. **Response of leaf nutrients, yield, growth parameters, and evapotranspiration of sweet corn (*Zea mays L. saccharata* Sturt) to shallow and saline groundwater depths**
Osman H. M., Arslan H.
ARCHIVES OF AGRONOMY AND SOIL SCIENCE, vol.69, no.11, pp.2138-2153, 2023 (SCI-Expanded)
- III. **Effects of different shallow and saline groundwater depths on soil salinity, evapotranspiration, grain yield and spike traits of winter wheat**
KİREMİT M. S., Arslan H.
JOURNAL OF AGRONOMY AND CROP SCIENCE, vol.209, pp.402-421, 2023 (SCI-Expanded)
- IV. **Response of yield, growth traits, and leaf nutrients of garden cress to deficit saline irrigation waters**
KİREMİT M. S., Osman H. M., Arslan H.
JOURNAL OF PLANT NUTRITION, vol.46, no.6, pp.1050-1065, 2023 (SCI-Expanded)
- V. **Comparative analysis of machine learning techniques for estimating groundwater deuterium and oxygen-18 isotopes**
Cemek B., Arslan H., Küçüktopcu E., Simsek H.
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.36, no.12, pp.4271-4285, 2022 (SCI-Expanded)
- VI. **Evaluation of heavy metal contamination and pollution indices through geostatistical methods in groundwater in Bafra Plain, Turkey**
Arslan H., Ayyildiz Turan N., Ersin Temizel K., Kuleyin A., Sait Kiremit M., Gungor A., Yildiz Ozgul H.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.19, no.9, pp.8385-8396, 2022 (SCI-Expanded)
- VII. **Evaluating and Modeling of the Seedling Growth Ability of Wheat Seeds as Affected by Shallow-Saline Groundwater Conditions Bewertung und Modellierung des Keimlingswachstums von Weizensamen unter flachen, salzhaltigen Grundwasserbedingungen**
KİREMİT M. S., Arslan H., Sezer İ., Akay H.
Gesunde Pflanzen, vol.74, no.2, pp.357-369, 2022 (SCI-Expanded)
- VIII. **Effects of Irrigation Water Salinity and Water Depth On Growth and Yield Parameters of NERICA Rice (*Oryza sativa* L. x *Oryza glaberrima* L.)**
Saidy A., Arslan H.
GESUNDE PFLANZEN, vol.74, no.2, pp.275-289, 2022 (SCI-Expanded)

- IX. **Interaction Effect of Water Magnetization and Water Salinity on Yield, Water Productivity and Morpho-Physiological of Balkız Bean (*Phaseolus vulgaris*) Wechselwirkung zwischen Wassermagnetisierung und Wasserversalzung auf Ertrag, Wasserproduktivität und Morphophysiologie der Bohne (*Phaseolus vulgaris*)**
Alsuvaid M., Demir Y., KİREMİT M. S., Arslan H.
Gesunde Pflanzen, vol.74, no.2, pp.259-274, 2022 (SCI-Expanded)
- X. **The Effect of Salicylic Acid On Photosynthetic Characteristics, Growth Attributes, and Some Antioxidant Enzymes On Parsley (*Petroselinum crispum* L.) Under Salinity Stress**
Desire M., Arslan H.
GESUNDE PFLANZEN, vol.73, no.4, pp.435-444, 2021 (SCI-Expanded)
- XI. **Assessment of groundwater quality for irrigation and drinking using different quality indices and geostatistical methods in corum province (Turkey)**
Sahin Kiy M., Arslan H.
IRRIGATION AND DRAINAGE, vol.70, no.4, pp.871-886, 2021 (SCI-Expanded)
- XII. **Role of melatonin in improving leaf mineral content and growth of sweet corn seedlings under different soil salinity levels**
Sezer İ., KİREMİT M. S., Öztürk E., Subrata B. A. G., Osman H. M., Akay H., Arslan H.
SCIENTIA HORTICULTURAE, vol.288, 2021 (SCI-Expanded)
- XIII. **Effects of Different Water Table Depth and Salinity Levels on Quality Traits of Bread Wheat**
Sezer İ., Akay H., MUT Z., Arslan H., Öztürk E., ERBAŞ KÖSE Ö. D., KİREMİT M. S.
AGRICULTURE-BASEL, vol.11, no.10, 2021 (SCI-Expanded)
- XIV. **Assessment of seawater intrusion in Kızılırmak delta coastal area (North Turkey) using hydrochemical and isotopic data**
FIRAT ERSOY A., Turan N. A., Arslan H., Kuleyin A.
ENVIRONMENTAL EARTH SCIENCES, vol.80, no.11, 2021 (SCI-Expanded)
- XV. **Determination and Evaluation of Saltwater Intrusion on Bafra Plain: Joint Interpretation of Geophysical, Hydrogeological and Hydrochemical Data**
DEMİRCİ İ., GÜNDOĞDU N. Y., CANDANSAYAR M. E., Soupios P., Vafidis A., Arslan H.
PURE AND APPLIED GEOPHYSICS, vol.177, no.11, pp.5621-5640, 2020 (SCI-Expanded)
- XVI. **Groundwater Table Effects on the Yield, Growth, and Water Use of Canola (*Brassica napus* L.) Plant**
Kadioglu H., Hatterman-Valenti H., Jia X., Chu X., Arslan H., Simsek H.
WATER, vol.11, no.8, 2019 (SCI-Expanded)
- XVII. **Impacts of different water salinity levels on salt tolerance, water use, yield, and growth of chives (*Allium schoenoprasum*)**
Arslan H., KİREMİT M. S., Güngör A.
Communications in Soil Science and Plant Analysis, vol.49, no.20, pp.2614-2625, 2018 (SCI-Expanded)
- XVIII. **Response of Leek (*Allium porrum* L.) to Different Irrigation Water Levels Under Rain Shelter**
KİREMİT M. S., Arslan H.
Communications in Soil Science and Plant Analysis, vol.49, no.1, pp.99-108, 2018 (SCI-Expanded)
- XIX. **Assessment of spatial and seasonal changes in groundwater nitrate pollution of agricultural lands through ordinary and indicator kriging techniques**
Arslan H., Turan N. A., Demir Y., Gungor A., Cemek B.
ARCHIVES OF AGRONOMY AND SOIL SCIENCE, vol.63, no.7, pp.907-917, 2017 (SCI-Expanded)
- XX. **Spatial analysis of climate factors used to determine suitability of greenhouse production in Turkey**
Cemek B., Guler M., Arslan H.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.128, no.1-2, pp.1-11, 2017 (SCI-Expanded)
- XXI. **Effects of irrigation water salinity on drainage water salinity, evapotranspiration and other leek (*Allium porrum* L.) plant parameters**
KİREMİT M. S., Arslan H.
SCIENTIA HORTICULTURAE, vol.201, pp.211-217, 2016 (SCI-Expanded)
- XXII. **ASSESSMENT OF WATER QUALITY IN DRAINAGE CANALS OF CARSAMBA PLAIN, TURKEY, THROUGH**

WATER QUALITY INDEXES AND GRAPHICAL METHODS

Gungor A., Arslan H.

GLOBAL NEST JOURNAL, vol.18, no.1, pp.67-78, 2016 (SCI-Expanded)

- XXIII. **Estimation of spatial distribution of heavy metals in groundwater using interpolation methods and multivariate statistical techniques; its suitability for drinking and irrigation purposes in the Middle Black Sea Region of Turkey**
Arslan H., Turan N. A.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.187, no.8, 2015 (SCI-Expanded)
- XXIV. **CREATING BIOCLIMATIC MAPS USING SPATIAL INTERPOLATION TECHNIQUES IN NORTHERN TURKEY**
Guler M., Cemek B., Arslan H.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, no.11, pp.3537-3544, 2015 (SCI-Expanded)
- XXV. **APPLICATIONS OF FACTOR ANALYSIS AND GEOGRAPHICAL INFORMATION SYSTEMS FOR PRECISION AGRICULTURE OVER ALLUVIAL LANDS**
Temizel K. E., Arslan H., Sağlam M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, no.7, pp.2374-2383, 2015 (SCI-Expanded)
- XXVI. **Predicting field capacity, wilting point, and the other physical properties of soils using hyperspectral reflectance spectroscopy: two different statistical approaches**
Arslan H., Tasan M., Yildirim D., Köksal E. S., Cemek B.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.186, no.8, pp.5077-5088, 2014 (SCI-Expanded)
- XXVII. **Estimation of spatial distribution of groundwater level and risky areas of seawater intrusion on the coastal region in Çarşamba Plain, Turkey, using different interpolation methods**
Arslan H.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.186, no.8, pp.5123-5134, 2014 (SCI-Expanded)
- XXVIII. **Spatial and temporal distribution of areas with drainage problems as estimated by different interpolation techniques**
Arslan H.
WATER AND ENVIRONMENT JOURNAL, vol.28, no.2, pp.203-211, 2014 (SCI-Expanded)
- XXIX. **Long-term changes in spatial variation of soil electrical conductivity and exchangeable sodium percentage in irrigated mesic ustifluvents**
Guler M., Arslan H., Cemek B., ERŞAHİN S.
AGRICULTURAL WATER MANAGEMENT, vol.135, pp.1-8, 2014 (SCI-Expanded)
- XXX. **Assessment the soil properties affecting salinity and sodicity of bafra plain using multivariate statistical techniques**
Arslan H., Günel H., Güler M., Cemek B., Acir N.
Carpathian Journal of Earth and Environmental Sciences, vol.8, no.1, pp.81-90, 2013 (SCI-Expanded)
- XXXI. **Application of multivariate statistical techniques in the assessment of groundwater quality in seawater intrusion area in Bafra Plain, Turkey**
Arslan H.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.185, no.3, pp.2439-2452, 2013 (SCI-Expanded)
- XXXII. **Impacts of seawater intrusion on soil salinity and alkalinity in Bafra Plain, Turkey**
Arslan H., Demir Y.
Environmental Monitoring and Assessment, vol.185, no.2, pp.1027-1040, 2013 (SCI-Expanded)
- XXXIII. **SPATIAL ESTIMATION OF THE RISKY AREAS FOR DRAINAGE AND SALINITY IN SULUOVA PLAIN, TURKEY USING GEOSTATISTICAL METHODS**
Arslan H., Guler M., Cemek B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.22, no.10, pp.2916-2924, 2013 (SCI-Expanded)
- XXXIV. **Determination of Seawater Intrusion via Hydrochemicals and Isotopes in Bafra Plain, Turkey**
Arslan H., Cemek B., Demir Y.
WATER RESOURCES MANAGEMENT, vol.26, no.13, pp.3907-3922, 2012 (SCI-Expanded)
- XXXV. **Spatial and temporal mapping of groundwater salinity using ordinary kriging and indicator kriging: The case of Bafra Plain, Turkey**

Arslan H.

AGRICULTURAL WATER MANAGEMENT, vol.113, pp.57-63, 2012 (SCI-Expanded)

- XXXVI. **Spatial variability of depth and salinity of groundwater under irrigated ustifluents in the Middle Black Sea Region of Turkey**

Demir Y., Ersahim S., Guler M., Cemek B., GÜNAL H., Arslan H.

ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.158, no.1-4, pp.279-294, 2009 (SCI-Expanded)

- XXXVII. **Assessment of spatial variability in some soil properties as related to soil salinity and alkalinity in Bafra plain in northern Turkey**

Cemek B., Güler M., Kiliç K., Demir Y., Arslan H.

Environmental Monitoring and Assessment, vol.124, no.1-3, pp.223-234, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Growth Performance of Sweet Corn (zea mays convar. Saccharata var. Rugose) Plants Under Different Groundwater Depth and Salinity Conditions**
Kiremit M. S., Osman H. M., Arslan H.
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.9, no.1, pp.68-79, 2023 (Peer-Reviewed Journal)
- II. **Bazı patlıcan anaç adaylarının tuzluluğa tolerans düzeylerinin belirlenmesi**
YÜCEL H. Ş., BALKAYA A., KANDEMİR D., ARSLAN H.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), 2023 (Peer-Reviewed Journal)
- III. **Evaluation of the Directly and Indirectly Effects of the Morpho-Physiological Traits of Sweet Corn Seedlings on Yield with Structural Equation Modeling Partial Least Square (SEM-PLS) Approach**
SUBRATA B. A. G., KİREMİT M. S., ÖZTÜRK E., ARSLAN H., SEZER İ., AKAY H.
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.8, no.1, pp.79-91, 2022 (Peer-Reviewed Journal)
- IV. **Effects of Salinity on Yield, Yield Components and Water Productivity of Black Carrot (Daucus Carota L.) Under Water Stress Condition Su Stres Koşulları Altında Tuzluluğun Siyah Havuç Bitkisinin (Daucus Carota L.) Verim, Verim Bileşenleri ve Bitki Su Tüketimi Üzerine Etkileri**
ALTUN M., Arslan H.
Yuzuncu Yıl University Journal of Agricultural Sciences, vol.32, no.1, pp.106-118, 2022 (Scopus)
- V. **Effects of the Irrigation Water Salinity on Leaf Mineral Content of Chives (Allium schoenoprasum) and Modelling with Response Surface Methodology**
KİREMİTA M. S., ARSLAN H.
Anadolu Tarım Bilimleri Dergisi, vol.35, no.3, pp.456-468, 2020 (Peer-Reviewed Journal)
- VI. **Farklı sulama suyu tuzluluk seviyelerinin keten (Linum uitatissimum L.)'in çimlenme ve erken fide gelişimi üzerine etkisi**
KİREMİT M. S., HACIKAMİLOĞLU M. S., ARSLAN H., KURT O.
Anadolu Tarım Bilimleri Dergisi, vol.32, no.3, pp.350-357, 2017 (Peer-Reviewed Journal)
- VII. **Drainage Water Quality Assessment Using the Irrigation Water Quality Index in Çarşamba Plain in Turkey**
GÜNGÖR A., ARSLAN H.
Uludağ Üniversitesi Ziraat Fakültesi Dergisi, vol.30, pp.357-363, 2016 (Peer-Reviewed Journal)
- VIII. **ARAZİ TOPLULAŞTIRMASININ SULAMA PROJELERİNİN PERFORMASI ÜZERİNE ETKİLERİ**
ARSLAN H., TUNCA E.
Anadolu Tarım Bilimleri Dergisi, vol.28, no.3, 2013 (Peer-Reviewed Journal)
- IX. **Arazi Toplulaştırmasının Sulama Projelerinin Performansı Üzerine Etkileri**
ARSLAN H., TUNCA E.
ANADOLU TARIM BİLİMLERİ DERGİSİ, vol.28, no.3, pp.128-135, 2013 (Peer-Reviewed Journal)
- X. **MOITORIG AD ASSESSIG GROUDWATER LEVEL BY GIS: A CASE STUDY I THEIRRIGATED SOILS OF BAFRA PLAI I ORTHER TURKEY**
ARSLAN H., DEMİR Y.

Anadolu Tarım Bilimleri Dergisi, vol.26, no.3, pp.203-211, 2011 (Peer-Reviewed Journal)

- XI. **Monitoring And Assessing Groundwater Level By GIS: A Case Study in The Irrigated Soils Of Bafra Plain in Northern Turkey**
ARSLAN H., DEMİR Y.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Anadolu Tarım Bilimleri Dergisi, vol.26, no.3, pp.203-211, 2011 (Peer-Reviewed Journal)
- XII. **Bafra Ovası Drenaj Sularının Özelliklerinin Mevsimsel Değişimi ve Sulamada Kullanılma Olanakları.**
ARSLAN H., CEMEK B.
Ondokuzmayıs Üniversitesi Ziraat Fakültesi Anadolu Tarım Bilimleri Dergisi, vol.26, no.2, pp.128-135, 2011 (Peer-Reviewed Journal)
- XIII. **Bafra Ovasında Deniz Suyu Girişiminin Yeraltı Suyu Kalitesi Üzerine Etkisi**
ARSLAN H., DEMİR Y.
Anadolu Tarım Bilimleri Dergisi, vol.26, no.2, pp.136-144, 2011 (Peer-Reviewed Journal)
- XIV. **Deniz Suyu Girişiminin Belirlenmesinde Çevresel İzotopların Kullanılması**
ARSLAN H., CEMEK B., DEMİR Y., YILDIRIM D.
Tarım Bilimleri Araştırma Dergisi, vol.4, no.2, pp.59-65, 2011 (Peer-Reviewed Journal)
- XV. **Bafra Ovasındaki Drenaj Kanallarının Su Kalitelerinin Çok Değişkenli İstatistiksel Analizler ile Değerlendirilmesi**
ARSLAN H., YILDIRIM D.
Gazi Osman Paşa Üniversitesi Ziraat Fakültesi Dergisi, vol.28, pp.61-71, 2011 (Peer-Reviewed Journal)
- XVI. **Bafra Ovası Yeraltı Suyu Kalitesinin Sulama Açısından Değerlendirilmesi**
Arslan H., Güler M., Cemek B., Demir Y.
Journal of Tekirdag Agricultural Faculty, vol.4, no.2, pp.219-226, 2007 (Peer-Reviewed Journal)
- XVII. **Assessment of Groundwater Quality in Bafra Plain for Irrigation**
Arslan H., Guler M., Cemek B., Demir Y.
JOURNAL OF TEKIRDAG AGRICULTURE FACULTY-TEKIRDAG ZIRAAT FAKULTESİ DERGİSİ, vol.4, no.2, pp.219-226, 2007 (ESCI)
- XVIII. **Bafra Ovası Sağ Sahil Sulama Alanındaki Tuzluluk Dağılımının Coğrafi Bilgi Sistemleri (CBS) Kullanılarak Belirlenmesi**
CEMEK B., GÜLER M., ARSLAN H.
Atatürk Üniversitesi Ziraat Fakültesi Dergisi, vol.37, no.1, pp.63-72, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination Of Stress Tolerance Of Oat Plant (Avena Sativa L) On Application Seed Of Salicylic Acid**
GÜNGÖR A., TAŞ Ö., BİLİR G., ARSLAN H., EKİNCİ D.
V. Balkan Agricultural Congress, Turkey, 20 - 23 September 2023
- II. **Effects of groundwater salinity on soil salt accumulation and pH values for sweet maize under shallow groundwater depths**
KİREMİT M. S., ARSLAN H., OSMAN H. M.
INTERNATIONAL SOIL SCIENCE SYMPOSIUM ON SOIL SCIENCE AND PLANT NUTRITION, Samsun, Turkey, 08 December 2023, pp.191-196
- III. **Applications of Kriging and Cokriging in the Spatial Estimation of the Groundwater Level in the Irrigation Soils of Bafra Plain, Turkey**
TAŞAN S., DEMİR Y., TAŞAN M., ARSLAN H.
International Congress and Workshop on Agricultural Structures and Irrigation, Diyarbakır, Turkey, 12 May 2022, pp.328-336
- IV. **KIZILIRMAK DELTASI KIYI BÖLGESİ YERALTISUYUNUN İZOTOP HİDROJEOLJİSİ AÇISINDAN DEĞERLENDİRİLMESİ**

FIRAT ERSOY A., ayyıldız turan n., yıldız özgül h., KULEYİN A., ARSLAN H.

5. Ulusal Hidrolojide İzotop Teknolojileri Sempozyumu, Turkey, 16 - 18 October 2019

- V. **Effect Of Different Water Deficit Conditions On Glutathione Reductase Enzyme Activity Of Watermelon Juice**
TAŞ Ö., OLCAY A. C., BİLİR G., YALÇIN M., GÜNGÖR A., ARSLAN H., EKİNCİ D.
II. International Green Biotechnology Congress, Turkey, 9 - 11 September 2019
- VI. **Effect of Different Irrigation Water Salinity and Irrigation Interval on The Change of Total Protein Amount in Purple Carrot (Daucus Carota L) Plant**
GÜNGÖR A., ALTUN M., KİREMİT M. S., ARSLAN H.
2nd International UNIDOKAP Black Sea Symposium on BIODIVERSITY, Samsun, Turkey, 28 - 30 November 2018, pp.138
- VII. **Effect of Salinity and Drought Stress Conditions on Enzyme Activities of Plants**
GÜNGÖR A., TAŞ Ö., BİLİR G., OLCAY A. C., ARSLAN H., EKİNCİ D.
1. Uluslararası Tarımsal Yapılar ve Sulama Kongresi, Antalya, Turkey, 26 - 28 September 2018
- VIII. **Effect of Different Irrigation Water Salinity on the Antioxidant Enzyme Activity of Purple Carrot (Daucus Carota L) Plant**
GÜNGÖR A., BİLİR G., TAŞ Ö., OLCAY A. C., ALTUN M., ARSLAN H.
1. Uluslararası Tarımsal Yapılar ve Sulama Kongresi, Antalya, Turkey, 26 - 28 September 2018
- IX. **ÇARŞAMBA OVASI YERALTI SUYUNUN DOYMUŞ OKSİJEN, TOPLAM ORGANİK KARBON VE ORGANİK MADDE MİKTARININ COĞRAFİ BİLGİ SİSTEMLERİ İLE DEĞERLENDİRİLMESİ**
ARSLAN H., CEMEK B., KİREMİT M. S., GÜNGÖR A., ŞAHİN U., Desire M.
ULUSLARARASI SU VE ÇEVRE KONGRESİ, Bursa, Turkey, 22 - 24 March 2018
- X. **ÇARŞAMBA OVASI DRENaj KANALLARININ SU KALİTESİNİN ÇOK DEĞİŞKENLİ İSTATİSTİKSEL ANALİZ YÖNTEMLER İLE DEĞERLENDİRİLMESİ**
GÜNGÖR A., ARSLAN H.
ULUSLARARASISU VE ÇEVRE KONGRESİ, Bursa, Turkey, 22 - 24 March 2018, pp.851-858
- XI. **YERALTI SUYU BOR İÇERİĞİNİN FARKLI ENTERPOLASYON YÖNTEMLERİ İLE DEĞERLENDİRİLMESİ**
TAŞAN M., TAŞAN S., DEMİR Y., ARSLAN H.
Uluslararası Su ve Çevre Kongresi, 22 - 24 March 2018
- XII. **Yeraltı Suyu Bor İçeriğinin Farklı Enterpolasyon Yöntemleri ile Değerlendirilmesi**
TAŞAN M., SAFİ S., DEMİR Y., ARSLAN H.
Uluslararası Su ve Çevre Kongresi (SUCEV), 22 - 24 March 2018, pp.934-942
- XIII. **Comparison of Four Spatial Interpolation Methods for Some Soil Properties in CornGrown Areas, Northern Part of Turkey**
ARSLAN H., KİREMİT M. S., GÜNGÖR A.
The 3rd International Symposium on EuroAsian Biodiversity, 5 - 08 July 2017, pp.277
- XIV. **Comparison of Four Spatial Interpolation Methods for Some Properties in Corn Grown Areas, Northern Part of Turkey**
ARSLAN H., GÜNGÖR A., KİREMİT M. S.
The 3rd International Symposium on EuroAsian Biodiversity, 5 - 08 July 2017
- XV. **Interpretation of geophysical data for saltwater intrusion on bafra plain guided by hydrogeological and hydrochemical data**
DEMİRCİ İ., CANDANSAYAR M. E., Soupios P., Vafidis A., Arslan H., GÜNDOĞDU N. Y.
9th Congress of the Balkan Geophysical Society, BGS 2017, Belek, Antalya, Turkey, 5 - 09 November 2017, vol.2017-November
- XVI. **Drainage Water Quality Assessment Using the Irrigation Water Quality Index in ÇarşambaPlain in Turkey**
GÜNGÖR A., ARSLAN H.
27. INTERNATIONAL SCIENTIFIC-EXPERT CONGRESSOF AGRICULTURE ANDFOOD INDUSTRY, 26 - 28 September 2016
- XVII. **Mapping of Spatial Variability of Iron Elements Via Geostatistical Methods at Deep Well Irrigated**

Areas in Alaçam District

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