

Assoc. Prof. Erdal Ağlar

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: T-3880-2018

Yoksis Researcher ID: 110477

Education

Doctorate, Tokat Gaziosmanpaşa University, Turkey 2009 - 2013

Doctorate, Gaziosmanpaşa Üniversitesi, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (Dr), Turkey 2008 - 2013

Postgraduate, Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (YI) (Tezli), Turkey 2003 - 2005

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (YI) (Tezli), Turkey 2002 - 2005

Undergraduate, Van Yüzüncü Yıl University, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Turkey 1998 - 2001

Undergraduate, Yüzüncü Yıl Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Turkey 1998 - 2001

Associate Degree, Van Yüzüncü Yıl University, Özalp Meslek Yüksekokulu, Bitkisel ve Hayvansal Üretim Bölümü, Turkey 1996 - 1998

Associate Degree, Yüzüncü Yıl Üniversitesi, Özalp Meslek Yüksekokulu, Teknik Programlar Bölümü, Turkey 1995 - 1998

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, Temel Uzaktan Eğitim, Sivas Cumhuriyet Üniversitesi, 2020

Vocational Training, Eğiticinin Eğitimi, Sivas Cumhuriyet Üniversitesi, 2018

Education Management and Planning, Eğiticinin Eğitimi Sertifikası, Sivas Cumhuriyet Üniversitesi, 2018

Dissertations

Doctorate, Farklı anaç ve terbiye sistemi kombinasyonlarının 0900 ziraat kiraz çeşidinin performansı üzerine etkileri, Gaziosmanpaşa Üniversitesi, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (Dr), 2013

Postgraduate, Pertek (Tunceli) yöresi bademlerinin (*Prunus amygdalus*) seleksiyonu, Yüzüncü Yıl Üniversitesi, 2005

Research Areas

Agricultural Sciences

Academic Positions

Associate Professor, Van Yüzüncü Yil University, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, 2021 - Continues
Associate Professor, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, 2007 - Continues
Associate Professor, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2019 - 2021
Assistant Professor, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2014 - 2019
Lecturer, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2007 - 2014

Academic and Administrative Experience

Sivas Cumhuriyet Üniversitesi, Suşehri Timur Karabal Meslek Yüksekokulu, 2019 - Continues
Assistant Director of Vocational School, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, Bitkisel ve Hayvansal Üretim, 2017 - Continues
Head of Department, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2018 - 2021
Assistant Director of Vocational School, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2017 - 2021
Head of Department, Sivas Cumhuriyet University, Suşehri Timur Karabal Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2009 - 2015
Sivas Cumhuriyet Üniversitesi, Suşehri Timur Karabal Meslek Yüksekokulu, 2010 - 2013

Courses

Undergraduate

Biyoistatistik , Undergraduate, 2019 - 2020, 2017 - 2018
Biyoistatistik, Undergraduate, 2019 - 2020
Mesleki İngilizce - II, Undergraduate, 2016 - 2017
İngilizce - I, Undergraduate, 2016 - 2017
Mesleki İngilizce - I, Undergraduate, 2016 - 2017
Mesleki İngilizce I, Undergraduate, 2016 - 2017

Associate Degree

Diksiyon ve Sunum Teknikleri, Associate Degree, 2019 - 2020
Matematik, Associate Degree, 2019 - 2020
İstatistik, Associate Degree, 2018 - 2019
Bitki Fizyolojisi, Associate Degree, 2019 - 2020
Bitki Fizyolojisi , Associate Degree, 2019 - 2020, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
İstatistik, Associate Degree, 2018 - 2019
İstatistik, Associate Degree, 2018 - 2019
Mesleki Yabancı Dil II, Associate Degree, 2017 - 2018
Matematik, Associate Degree, 2018 - 2019
İstatistik, Associate Degree, 2017 - 2018
Mesleki İngilizce, Associate Degree, 2017 - 2018
Mesleki İngilizce, Associate Degree, 2018 - 2019
Temel Bilgi Teknolojileri Kullanımı - II, Associate Degree, 2016 - 2017
İngilizce II, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Matematik - II, Associate Degree, 2015 - 2016
Pazarlama İlkeleri - I, Associate Degree, 2016 - 2017
İngilizce - II, Associate Degree, 2015 - 2016
İdare Hukuku, Associate Degree, 2015 - 2016
İnsan Kaynakları Yönetimi, Associate Degree, 2015 - 2016
İnsan Kaynakları Yönetimi, Associate Degree, 2015 - 2016
İngilizce - III, Associate Degree, 2016 - 2017
İş Etiği, Associate Degree, 2015 - 2016
İnsan Kaynakları Yönetimi, Associate Degree, 2015 - 2016
İş Etiği, Associate Degree, 2015 - 2016
İngilizce - I, Associate Degree, 2016 - 2017
İdare Hukuku, Associate Degree, 2015 - 2016
İngilizce - II, Associate Degree, 2015 - 2016
Uluslararası Pazarlama, Associate Degree, 2016 - 2017
Örtü Bitkileri ve Çimlenmeler, Associate Degree, 2014 - 2015
İngilizce I, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Proje Hazırlama Tekniği, Associate Degree, 2014 - 2015
Proje Hazırlama Tekniği , Associate Degree, 2014 - 2015
Örtü Bitkileri ve Çimlenmeler , Associate Degree, 2014 - 2015
İngilizce - IV, Associate Degree, 2014 - 2015
İngilizce - IV, Associate Degree, 2014 - 2015
Peyzaj Yapı ve Donatı Elemanları II, Associate Degree, 2013 - 2014
İstatistik, Associate Degree, 2014 - 2015
Mesleki Yabancı Dil - II, Associate Degree, 2013 - 2014
Bitki Fizyolojisi, Associate Degree, 2013 - 2014
Mesleki İngilizce II, Associate Degree, 2013 - 2014
Bitki Fizyolojisi, Associate Degree, 2013 - 2014
Çoğaltma Tekniği, Associate Degree, 2013 - 2014
İstatistik, Associate Degree, 2014 - 2015
Süs Bitkileri Yet. Tekniği, Associate Degree, 2013 - 2014
İngilizce - II, Associate Degree, 2013 - 2014
Davranış Bilimleri, Associate Degree, 2013 - 2014
İstatistik, Associate Degree, 2013 - 2014
İstatistik, Associate Degree, 2012 - 2013
Budama Tekniği, Associate Degree, 2012 - 2013
Budama Tekniği , Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011
Biyostatistik , Associate Degree, 2013 - 2014, 2009 - 2010
Bahçe Bitkilerinin Gübrelenmesi, Associate Degree, 2012 - 2013
Biyostatistik, Associate Degree, 2013 - 2014
İngilizce - III, Associate Degree, 2013 - 2014
Bahçe Bitkilerinin Çoğaltılması , Associate Degree, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
İstatistik, Associate Degree, 2011 - 2012
Uluslararası Pazarlama, Associate Degree, 2011 - 2012
Subtropik İklim Meyveleri, Associate Degree, 2011 - 2012
Subtropik İklim Meyveleri , Associate Degree, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Bahçe bitkilerinin Çoğaltılması, Associate Degree, 2011 - 2012
Ilıman İklim Meyveleri , Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Ilıman İklim Meyveleri, Associate Degree, 2012 - 2013
Mesleki Yabancı Dil -I, Associate Degree, 2012 - 2013

Genel Baęcılık, Associate Degree, 2011 - 2012
Süs Bitkileri Hastalıkları, Associate Degree, 2012 - 2013
Bahçe Bitkilerine Giriş, Associate Degree, 2012 - 2013
Süs Bitkileri, Associate Degree, 2011 - 2012
Pazarlama, Associate Degree, 2011 - 2012
Bahçe Ürünlerinin Muhafazası ve Paz. Haz., Associate Degree, 2012 - 2013
Süs Bitkileri , Associate Degree, 2011 - 2012, 2008 - 2009, 2007 - 2008
Bahçe ürünlerinin Muhafazası ve Pazara Hazırlanması , Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Bitki Fizyolojisi, Associate Degree, 2012 - 2013
Yönlendirilmiş Çalışma - II, Associate Degree, 2011 - 2012
Bitki Fizyolojisi, Associate Degree, 2011 - 2012
İngilizce III, Associate Degree, 2011 - 2012
Genel Botanik, Associate Degree, 2011 - 2012
Toprak Bilgisi, Associate Degree, 2011 - 2012
Bahçe Bitkilerine Giriş , Associate Degree, 2011 - 2012, 2010 - 2011
Biyostatistik, Associate Degree, 2011 - 2012
Baęcılık ve Üzümü Meyveler , Associate Degree, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Genel Botanik , Associate Degree, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
Üzümü Meyveler, Associate Degree, 2011 - 2012
Üzümü Meyveler , Associate Degree, 2011 - 2012, 2010 - 2011
İstatistik , Associate Degree, 2010 - 2011
Organik Tarım , Associate Degree, 2011 - 2012, 2010 - 2011
Toprak Bilgisi , Associate Degree, 2011 - 2012
Süs Bitkileri Hastalıkları , Associate Degree, 2011 - 2012
Toprak Bilgisi, Associate Degree, 2011 - 2012
Çoęaltma Teknięi , Associate Degree, 2010 - 2011
Baęcılık ve Üzümü Meyveler, Associate Degree, 2010 - 2011
Biyostatistik, Associate Degree, 2011 - 2012
Organik Tarım, Associate Degree, 2011 - 2012
Fitopatoloji , Associate Degree, 2009 - 2010, 2008 - 2009
Tarım Ekonomisi ve İşletmecilięi, Associate Degree, 2009 - 2010
Fitopatoloji, Associate Degree, 2009 - 2010
Gıda Ambalajlama ve Depolama Teknikleri, Associate Degree, 2009 - 2010
Tarım Ekonomisi ve İşletmecilięi , Associate Degree, 2009 - 2010, 2008 - 2009, 2007 - 2008
Atatürk İlkeleri ve İnkılap Tarihi - I, Associate Degree, 2010 - 2011
Tarım Ekonomisi ve İşletmecilięi, Associate Degree, 2009 - 2010
Yönlendirilmiş Çalışma , Associate Degree, 2009 - 2010
Yönlendirilmiş Çalışma I, Associate Degree, 2009 - 2010
Yabancı Otlar ve Mücadelesi , Associate Degree, 2009 - 2010, 2008 - 2009
Yabancı Otlar ve Mücadelesi, Associate Degree, 2009 - 2010
Yönlendirilmiş Çalışma I, Associate Degree, 2009 - 2010
Sulama , Associate Degree, 2007 - 2008
Bahçe Tarımı Mekanizasyonu, Associate Degree, 2008 - 2009, 2007 - 2008
Bahçe Tarımı Mekanizasyonu, Associate Degree, 2008 - 2009
Kültür Mantarı Yetiştiricilięi, Associate Degree, 2008 - 2009
Kültür Mantarı Yetiştiricilięi , Associate Degree, 2008 - 2009
Sulama, Associate Degree, 2007 - 2008
Seçmeli Ders (Beden Eğitimi), Associate Degree, 2008 - 2009
Türk Dili - II, Associate Degree, 2007 - 2008
Atatürk İlkeleri ve İnkılap Tarihi - II, Associate Degree, 2007 - 2008

Türk Dili - I, Associate Degree, 2007 - 2008

Temel Bilgisayar Teknolojileri Kullanımı, Associate Degree, 2007 - 2008

Jury Memberships

Post Graduate, Post Graduate, Ordu Üniversitesi, February, 2017

Post Graduate, Post Graduate, Ordu Üniversitesi, June, 2016

Post Graduate, Post Graduate, Tokat Gaziosmanpaşa Üniversitesi, February, 2015

Post Graduate, Post Graduate, Tokat Gaziosmanpaşa Üniversitesi, February, 2015

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Effect of preharvest biofilm application regimes on cracking and fruit quality traits in '0900 Ziraat' sweet cherry cultivar**
Ozturk B., Akkaya H., Ağlar E., Saracoglu O.
BMC Plant Biology, vol.24, no.1, 2024 (SCI-Expanded)
- II. **Changes in fruit quality properties and phytochemical substances of kiwifruit (*Actinidia deliciosa*) grown in different agro-ecological conditions during cold storage**
Ozturk B., Korkmaz M., Ağlar E.
BMC Plant Biology, vol.24, no.1, 2024 (SCI-Expanded)
- III. **Polyamines in cold storage: impact of postharvest spermidine on strawberry quality**
Orman E., Yaviç A., Gundogdu M., Ağlar E., Celik K., Kan T.
Journal of Food Measurement and Characterization, vol.18, no.11, pp.9618-9630, 2024 (SCI-Expanded)
- IV. **New approaches in pear preservation: Putrescine and modified atmosphere packaging applications to maintain fruit quality during cold storage**
Ogurlu F., Kucuker E., Ağlar E., Kizgin Ozcengiz C., Uyak C.
Food Science and Nutrition, vol.12, no.9, pp.6627-6636, 2024 (SCI-Expanded)
- V. **Morpho-genetic characterization of fig (*Ficus carica* var. *rupestris* (Hauskn.) Browicz) genotypes to be used as rootstock**
YILDIZ E., Ağlar E., SÜMBÜL A., YAMAN M., Caliskan O., Popescu G. C., Popescu M., Gönültaş M.
Genetic Resources and Crop Evolution, vol.71, no.2, pp.747-759, 2024 (SCI-Expanded)
- VI. **Physiological effects of melatonin on polyphenols, phenolic compounds, organic acids and some quality properties of peach fruit during cold storage**
Kucuker E., Gundogdu M., Ağlar E., Ogurlu F., Arslan T., Ozcengiz C. K., Tekin O.
Journal of Food Measurement and Characterization, vol.18, no.1, pp.823-833, 2024 (SCI-Expanded)
- VII. **Rootstock and Training Effects on Growth and Fruit Quality of Young '0900 Ziraat' Sweet Cherry Trees**
Ağlar E., Öztürk B., Saraçoğlu O., Long L. E., Yıldız K., Gün S., Has Ş.
DER ERWERBSOBSTBAU, vol.66, pp.61-70, 2024 (SCI-Expanded)
- VIII. **New Approaches in Fig Preservation: Use of Melatonin to Maintain Postharvest Quality of Fig (*Ficus Carica* L.) Fruit During Cold Storage**
Kucuker E., Ağlar E., Gundogdu M., Tekin O., Ogurlu F., Kizgin Ozcengiz C.
Erwerbs-Obstbau, vol.65, no.6, pp.2585-2595, 2023 (SCI-Expanded)
- IX. **The Influence of Fruit Size on Quality Attributes and Bioactive Compounds of Sweet Cherry Fruit**
Ağlar E., Saracoglu O., Ozturk B., Karakaya O., Ates U.
ERWERBS-OBSTBAU, vol.65, no.4, pp.701-707, 2023 (SCI-Expanded)
- X. **Effects of Aminoethoxyvinylglycine (AVG) on Fruit Quality and Bioactive Content of Jujube Fruit (*Ziziphus Jujuba*) Harvested at Three Maturity Stages During Cold Storage**
Ağlar E.

ERWERBS-OBSTBAU, vol.65, no.4, pp.879-888, 2023 (SCI-Expanded)

- XI. **Use of spermidine to preserve organic acids, polyphenols, and quality of cold stored plum fruits**
Gundogdu M., Güler E., Ağlar E., Arslan T., Kan T., Çelik K.
Journal of Food Composition and Analysis, vol.121, 2023 (SCI-Expanded)
- XII. **Impact of Postharvest Putrescine Treatments on Phenolic Compounds, Antioxidant Capacity, Organic Acid Contents and Some Quality Characteristics of Fresh Fig Fruits during Cold Storage**
Kucuker E., Ağlar E., SAKALDAŞ M., Şen F., Gundogdu M.
Plants, vol.12, no.6, 2023 (SCI-Expanded)
- XIII. **Effects of Aloe vera Gel and Modified Atmosphere Packaging Treatments on Quality Properties and Bioactive Compounds of Plum (*Prunus salicina* L.) Fruit Throughout Cold Storage and Shelf Life**
Avcı V., Islam A., Ozturk B., Ağlar E.
Erwerbs-Obstbau, vol.65, no.1, pp.71-82, 2023 (SCI-Expanded)
- XIV. **Phytochemical and Antimicrobial Characteristics of Raspberry Fruit Growing Naturally in Kelkit Valley, Turkey**
Ağlar E., Sumbul A., Karakaya O., Erturk O., Ozturk B.
Erwerbs-Obstbau, vol.65, no.1, pp.65-70, 2023 (SCI-Expanded)
- XV. **Effects of Rootstock and Training System on Tree Canopy, Fruit Quality and Phytochemicals of '0900 Ziraat' and 'Regina' Sweet Cherry Cultivars**
Yilmaz U. N., Ozturk B., Ağlar E., Saracoglu O., Kaiser C.
Brazilian Archives of Biology and Technology, vol.66, 2023 (SCI-Expanded)
- XVI. **Changes in Quality Traits and Phytochemical Components of Blueberry (*Vaccinium Corymbosum* Cv. Bluecrop) Fruit in Response to Postharvest Aloe Vera Treatment**
Ates U., İSLAM A., ÖZTÜRK B., Ağlar E., KARAKAYA O., GÜN S.
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, vol.22, no.1, pp.303-316, 2022 (SCI-Expanded)
- XVII. **Effects of GA3, CaCl2 and Modified Atmosphere Packaging (MAP) Applications on Fruit Quality of Sweet Cherry at Cold Storage**
Öztürk B., Ağlar E., Saraçoğlu O., Karakaya O., Gün S.
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, vol.22, no.1, pp.696-710, 2022 (SCI-Expanded)
- XVIII. **Combined effects of Aloe vera gel and modified atmosphere packaging treatments on fruit quality traits and bioactive compounds of jujube (*Ziziphus jujuba* Mill.) fruit during cold storage and shelf life**
İslam A., Açıkalın R., Öztürk B., Ağlar E., Kaiser C.
POSTHARVEST BIOLOGY AND TECHNOLOGY, vol.187, pp.1-11, 2022 (SCI-Expanded)
- XIX. **TrainingSystemPlaysaKeyRoleonFruitQualityandPhenolicAcidsof SweetCherry**
Ağlar E.
Erwerbs-Obstbau, vol.3, no.1, pp.1-7, 2022 (SCI-Expanded)
- XX. **The Effect of The Different Training Systems on Yield and Vegetative Growth of "Santa Maria" and "Deveci" Pear Cultivars**
Küçük E., Ağlar E.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.31, no.4, pp.870-875, 2021 (SCI-Expanded)
- XXI. **Role of methyl jasmonate application regime on fruit quality and bioactive compounds of sweet cherry at harvest and during cold storage**
Faizy A. H., ÖZTÜRK B., AĞLAR E., YILDIZ K.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.45, no.10, 2021 (SCI-Expanded)
- XXII. **The Influence of the Rootstocks on Biochemical and Bioactive Compound Content of '0900 Ziraat' Sweet Cherry Fruit**
KARAKAYA O., ÖZTÜRK B., AĞLAR E., Balik H. I.
ERWERBS-OBSTBAU, vol.63, no.3, pp.247-253, 2021 (SCI-Expanded)
- XXIII. **DETERMINATION OF THE QUALITY CHARACTERISTICS OF NATURALLY GROWING HAWTHORN IN SUSEHRI**
AĞLAR E., SÜMBÜL A., KARAKAYA O., ÖZTÜRK B.

- ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.19, no.1, pp.61-70, 2020 (SCI-Expanded)
- XXIV. **Change of Fruit Quality Properties of Jujube Fruit (*Ziziphus Jujuba*) without Stalk and with Stalk during Cold Storage**
ÖZTÜRK B., AĞLAR E., GÜN S., KARAKAYA O.
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, vol.20, no.S3, 2020 (SCI-Expanded)
- XXV. **DETERMINING OF THE FRUIT CHARACTERISTICS OF PISTACHIO GRAFTED ON WILD *Pistacia terebinthus* L. UNDER THE CENTRAL KELKIT BASIN (TURKEY) ECOLOGICAL CONDITIONS**
Aglar E., SÜMBÜL A., Karakaya O., Ozturk B.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.19, no.6, pp.91-99, 2020 (SCI-Expanded)
- XXVI. **COMBINED TREATMENTS OF MODIFIED ATMOSPHERE PACKAGING WITH AMINOETHOXYVINYLGLYCINE MAINTAINED FRUIT QUALITY IN SWEET CHERRY THROUGHOUT COLD STORAGE AND SHELF LIFE**
Guler S. K., Karakaya O., Karakaya M., Ozturk B., AĞLAR E., Yarilgac T., Gun S.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.18, no.5, pp.13-26, 2019 (SCI-Expanded)
- XXVII. **AMINOETHOXYVINYLGLYCINE AND FOLIAR ZINC TREATMENTS PLAY A KEY ROLE IN PRE-HARVEST DROPS AND FRUIT QUALITY ATTRIBUTES OF 'WILLIAM'S PRIDE' APPLE**
ÖZTÜRK B., YILDIZ K., ERDEM H., KARAKAYA O., ÖZTÜRK A., AĞLAR E.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.18, no.2, pp.147-158, 2019 (SCI-Expanded)
- XXVIII. **Cracking and quality attributes of jujube fruits as affected by covering and pre-harvest Parka and GA(3) treatments**
ÖZTÜRK B., Bektas E., AĞLAR E., KARAKAYA O., GÜN S.
SCIENTIA HORTICULTURAE, vol.240, pp.65-71, 2018 (SCI-Expanded)
- XXIX. **EFFECTS OF HARPIN AND MODIFIED ATMOSPHERE PACKAGING (MAP) ON QUALITY TRAITS AND BIOACTIVE COMPOUNDS OF SWEET CHERRY FRUITS THROUGHOUT COLD STORAGE AND SHELF LIFE**
AĞLAR E.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.17, no.4, pp.61-71, 2018 (SCI-Expanded)
- XXX. **INFLUENCE OF PROHEXADIONE-CALCIUM ON VEGETATIVE GROWTH AND REPRODUCTION OF '0900 ZIRAAT' SWEET CHERRY**
AĞLAR E.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.17, no.4, pp.73-80, 2018 (SCI-Expanded)
- XXXI. **Effect of modified atmosphere packaging and 'Parka' treatments on fruit quality characteristics of sweet cherry fruits (*Prunus avium* L. '0900 Ziraat') during cold storage and shelf life**
AĞLAR E., ÖZTÜRK B., GÜLER S. K., KARAKAYA O., UZUN S., SARAÇOĞLU O.
SCIENTIA HORTICULTURAE, vol.222, pp.162-168, 2017 (SCI-Expanded)
- XXXII. **The effects of aminoethoxyvinylglycine and foliar zinc treatments on pre-harvest drops and fruit quality attributes of Jersey Mac apples**
AĞLAR E., YILDIZ K., Ozkan Y., ÖZTÜRK B., ERDEM H.
SCIENTIA HORTICULTURAE, vol.213, pp.173-178, 2016 (SCI-Expanded)
- XXXIII. **The Effects of Rootstocks and Training Systems on the Early Performance of '0900 Ziraat' Sweet Cherry**
AĞLAR E., YILDIZ K., Long L. E.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.44, no.2, pp.573-578, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Effect of Putrescine and Modified Atmosphere Packaging (MAP) Treatments on Fruit Quality Characteristics of Strawberry (*Kabarla* cultivar) During Cold Storage**
OĞURLU F., OĞURLU H., ÖZCENGİZ C. K., KÜÇÜKER E., AĞLAR E.
Anadolu Tarım Bilimleri Dergisi, vol.39, no.3, pp.515-526, 2024 (Peer-Reviewed Journal)
- II. **Effects of Aloe vera and Modified Atmosphere Packaging on the Quality and Biochemical Properties**

of Pear Fruit During Cold Storage

Ogurlu F., Kucuker E., Ađlar E.

Applied Fruit Science, vol.66, no.3, pp.823-832, 2024 (Scopus)

- III. **The Effect of Different Doses of Putrescine on Fruit Quality and Biochemical Compounds at cold Storage in Peach**
küçükler e., ađlar e.
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.10, no.1, pp.23-38, 2024 (Peer-Reviewed Journal)
- IV. **Pomological and Biochemical Characteristics of Local Pomegranate Genotypes of Kahta (Adıyaman) Region**
Alan D., ađlar e., küçükler e., Tekin O., AKBAL R.
Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi, vol.34, no.1, pp.36-43, 2024 (Scopus)
- V. **Kiraz (Prunus avium L.)’da Hasat Sonrası Melatonin Uygulamasının Depolamada Meyve Kalitesi Üzerine Etkisi**
KÜÇÜKER E., AĐLAR E., ÇELİK K., Kızgın Özcengiz C., UĞURLU F.
Türkiye Tarımsal Araştırmalar Dergisi, vol.10, no.3, pp.265-274, 2023 (Peer-Reviewed Journal)
- VI. **IDENTIFICATION OF DWARF ROOTSTOCK CANDIDATES IN FIG: WILD FIG (Ficus carica var. rupestris (HAUSSKN.) BROWICZ) POPULATION AND MORPHOLOGICAL CHARACTERIZATION**
SÜMBÜL A., YILDIZ E., AĐLAR E., YAMAN M., UZUN A., ÇALIŞKAN O.
INTERNATIONAL JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.16, no.2, pp.137-146, 2023 (Peer-Reviewed Journal)
- VII. **Pre-Harvest Application of Aminoethoxyvinylglycine, Salicylic Acid and Plant Growth Promoting Rhizobacteria on Fruit Quality of ‘Sweetheart’ Sweet Cherry**
KÜÇÜKER E., ÇELİK K., KIZGIN ÖZCENGİZ C., OĞURLU F., AĐLAR E.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.11, no.4, pp.871-875, 2023 (Peer-Reviewed Journal)
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- X. **Biochemical properties and antimicrobial and antioxidant activity of blackberry growing naturally in Kelkit valley**
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- XI. **The effect of protective netting on fruit diameter, quality classification, black spotted and discoloring fruit ratios of Granny Smith Challenger**
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- XIII. **Changes of quality traits and phytochemical component of jujube fruit treated with preharvest GA3 and Parka during cold storage**
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- XIV. **Efficacy of Anti-Transpirant Sprays on Fruit Cracking and on Fruit Quality at Harvest and Post-Harvest Storage in Sweet Cherry**
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- XVI. **The relationship between fruit color and fruit quality of sweet cherry (Prunus avium L. cv. '0900 Ziraat')**
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- II. **KİRAZDA MODERN TERBİYE SİSTEMLERİ**
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- V. **THE HISTORICAL AND LOCAL PEAR AND APPLE CULTIVARS OF YUKSEKOVA (HAKKARI) ECOLOGICAL CONDITIONS**
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Papers Presented at Peer-Reviewed Scientific Conferences

- I. **ROOTSTOCK AND TRAINING SYSTEMS IN INDENSITY PLANTING**
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- II. **STANDARD VARIETIES IN PISTACHIO GROWING**
ARSLAN T., KÜÇÜKER E., AĞLAR E.
2. INTERNATIONAL CANKAYA SCIENTIFIC STUDIES CONGRESS, Ankara, Turkey, 28 - 29 September 2023, (Full Text)
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- IV. **ALOE VERA AND MECHANISM OF EFFECT IN PLANTS**
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- V. **PEAR ROOTS AND USE IN MODERN FRUIT GROWING**
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- VI. **THE ROLE OF MELATONIN IN FRUIT QUALITY AND POSTHARVEST LIFE**
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4. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Batman, Turkey, 29 - 30 April 2023, (Full Text)
- VII. **PUTRECİNE ON MAINTAINING OF FRUIT QUALITY AT POST HARVEST**
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- VIII. **SIRNAK PROVINCE LOCAL FIG POTENTIAL**
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- IX. **SIRNAK PROVINCIAL LOCAL POMEGRANATE GENOTYPES**
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- X. **AGRICULTURAL POTENTIAL OF MARDIN PROVINCE**

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- XI. **SOUTHEAST ANATOLIA PROJECT**
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- XII. **DROUGHT STRESS IN PLANTS**
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- XVI. **The effects of training systems on coloring in braeburn and red chief apple cultivars on m26 and mm106 rootstocks**
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- XVII. **BATMAN FRUIT GROWING POTENTIAL PROBLEMS AND SOLVING SUGGESTIONS**
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- XIX. **The yield and fruit quality of some pear cultivars in different training systems**
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- XX. **Pre-harvest AVG Maintains Fruit Quality of Apples (Malus comminus L. cv. Braeburn) During Cold Storage**
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9. International Conference on Global Practice of Multidisciplinary Scientific Studies, KUZUY KIBRIS, Turkey, 06 March 2022, (Full Text)
- XXI. **Spanish Bush Training System in Sweet Cherry**
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- XXII. **Effect of The Branch age on The Ratio of Flowers on Sweet Cherry and The Changing of The Effect Depending on The Rootstock and Training System**
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- XXIII. **Determination of the quality characteristics of naturally growing hawthorns in Suşehri**
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- XXIV. **The change of the climate and agricultural product in Suşehri**

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V. ULUSLARARASI MATEMATİK, MÜHENDİSLİK, FEN VE SAĞLIK BİLİMLERİ KONGRESİ, 22 - 25 November 2018, (Summary Text)

- XXV. **DETERMINATION OF THE QUALITY CHARACTERISTICS OF NATURALLY GROWING RASPBERRY IN SUŞEHRİ**
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EJONS V – INTERNATIONAL CONGRESS ON MATHEMATICS – ENGINEERING –NATURAL MEDICAL SCIENCES, 22 - 25 November 2018, pp.104, (Summary Text)
- XXVI. **Role of the Fertilization Treatments on Quality Attributes of Sweet Cherry Fruits (Prunus avium)**
AĞLAR E.
International Congress on Agriculture and Animal Sciences, Antalya- Alanya, Turkey, 7 - 09 November 2018, pp.45, (Summary Text)
- XXVII. **The Role of Fruit Size on Quality Attributes of Biochemical Composition Sweet Cherry Fruits.**
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- XXIX. **Effects of modified atmosphere packaging (MAP) and Aloe vera treatments on quality characteristics of cornelian cherry fruits during cold storage**
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- XXX. **Effects of different modified atmosphere packaging on quality characteristics of kiwi fruits during cold storage and shelf life**
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- XXXI. **Determining Fruit Traits of Pistachio Grafted on Wild Pistacia Terebinthus L. Species in Susehri**
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- XXXII. **Role of color on quality attributes of sweet cherry fruits**
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- XXXIII. **Role of Rootstocks on Quality Attributes of 0900 Ziraat Sweet Cherry Fruit (Prunus avium)**
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- XXXIV. **The Efficacy of Anti-Transpirant Sprays on Fruit Cracking and on Fruit Quality at Harvest and Post-Harvest Storage in Sweet Cherry**
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- XXXV. **Effects of Covering and Pre-harvest Treatments (Parka and GA3) on Cracking and Quality Characteristics of Jujube Fruits (Ziziphus Jujuba)**
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- XXXVI. **Influence of Prohexadione-Calcium on Vegetative Growth and Reproduction of 0900 Ziraat Sweet**

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XXXVII. **Influence of Prohexadione-Calcium on Vegetative Growth and Reproduction of '0900 Ziraat' Sweet Cherry**

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International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, vol.1, pp.426, (Summary Text)

XXXVIII. **Kirazda Olgunluk Aşaması, Kalsiyum, Soğuk ve Nem Uygulamalarının Hasat Sonrası Kalite Kayıpları Üzerine Etkileri**

AĞLAR E., LONG L. E., SARAÇOĞLU O., YILDIZ K.

VII. Bahçe Ürünlerinde Muhafaza ve Pazarlama Sempozyumu, Turkey, 4 - 07 October 2016, vol.2, pp.114-118, (Full Text)

XXXIX. **Influence of Bio film Parka on Fruit Cracking on Sweet Cherry**

SARAÇOĞLU O., AĞLAR E., LONG L. E., YILDIZ K., CEBE Ü.

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XL. **The Efficacy of Harpin Messenger Gold on Fruit Set and Fruit Quality on 0900 Ziraat Sweet Cherry**

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2nd. International Congress on APPLIED BIOLOGICAL SCIENCES, 27 - 31 May 2016, (Full Text)

XLI. **Farklı Anaç Ve Terbiye Sistemi Kombinasyonlarının 0900 Ziraat Kiraz Çeşidinin Performansı Üzerine Etkileri VII Bahçe Bitkileri Kongresi 25 29 Ağustos 2015 Çanakkale özet**

AĞLAR E., YILDIZ K., LYNN EDWARDS L.

VII. BAHÇE BİTKİLERİ KONGRESİ, Çanakkale, Turkey, 25 - 29 August 2015, pp.40, (Summary Text)

XLII. **Influence of Rootstocks (Gisela 5, Gisela 6, MaxMa 15, SL 64) on Performance of 0900 Ziraat Sweet Cherry**

AĞLAR E., YILDIZ K.

BALKAN AGRICULTURE CONGRESS, 8 - 10 September 2014, pp.645, (Summary Text)

XLIII. **The Efficacy of Aminoethoxyvinylglycine (Retain) for Improving Fruit set on 0900 Ziraat Sweet Cherry**

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XLIV. **Pertek (Tunceli) Yöresi Bademlerinin Seleksiyonu**

AĞLAR E., BALTA F.

V. Ulusal Bahçe Bitkileri Kongresi, Erzurum, Turkey, 4 - 07 September 2007, vol.1, pp.681-686, (Full Text)

Funded Projects

Uyak C., ÖZTÜRK B., Ağlar E., Doğan A., Tekin O., Project Supported by Higher Education Institutions, Hizan Bitlis Koşullarında Yetişen Dut Türlerinin Biyokimyasal Özelliklerinin Belirlenmesi, 2022 - 2024

Ağlar E., TUBITAK Project, Bazı Yoğun Dikim Sistemleri ve Soğuklara Dayanıklı Anaçların Krymsk 5 Ve Krymsk 6 0900 Ziraat Çeşidinin Performansı Üzerine Etkileri, 2015 - 2020

AĞLAR E., Project Supported by Higher Education Institutions, Potasyum ve Çinko nun 0900 Ziraat Kiraz Çeşidinin Kimyasal Bileşimi Üzerine Etkisinin Tespit Edilmesi, 2016 - 2019

AĞLAR E., SÜMBÜL A., Project Supported by Higher Education Institutions, Süşehri Havzasında Yabani Pistacia terebinthus L. Türü Üzerine Aşlanmış Antepfıstığının Meyve Özelliklerinin Belirlenmesi, 2017 - 2018

AĞLAR E., Project Supported by Higher Education Institutions, GA3 ve Kalsiyum Uygulanmış Regina Kiraz Çeşidinin Hasat Sonrası Meyve Kalitesi Üzerine Modifiye Atmosfer Paketleme (MAP) Uygulamasının Etkisi, 2016 - 2018

Activities in Scientific Journals

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Committee Member, 2020 - Continues
Türkish Journal of Food and Agriculture Sciences , Assistant Editor/Section Editor, 2019 - Continues
Agriculture, Forestry and Fisheries, Committee Member, 2019 - Continues

Memberships and Roles in Scientific Organizations

Bahçe Bitkileri Derneği , Member, 2018 - Continues

Peer Reviews in Scientific Publications

SCIENTIA HORTICULTURAE, SCI Journal, November 2020
SCIENTIA HORTICULTURAE, SCI Journal, October 2020
SCIENTIA HORTICULTURAE, SCI Journal, October 2020
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International Journal of Agriculture and wildlife science, Journal Indexed in ESCI, June 2020
Ordu University Journal of Science and technology , Journal Indexed in ESCI, May 2020
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YÜZÜNCÜ YIL ÜNİVERSİTESİ TARIM BİLİMLERİ DERGİSİ *, National Scientific Refreed Journal, June 2019
SCIENTIA HORTICULTURAE, SCI Journal, June 2019
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Scientific Project Refereeing

TUBITAK Project, 5001 - Academic e-Book Call, July 2015
TUBITAK Project, 5001 - Academic e-Book Call, July 2015
TUBITAK Project, 5001 - Academic e-Book Call, July 2015

Metrics

Publication: 111
Citation (WoS): 49
Citation (Scopus): 60
H-Index (WoS): 4
H-Index (Scopus): 4

Congress and Symposium Activities

1st INTERNATIONAL ERCIYES AGRICULTURE, ANIMAL & FOOD SCIENCES CONFERENCE, Working Group, Kayseri, Turkey, 2019
Uluslararası Matematik, Mühendislik, Fen ve Sağlık Bilimleri Kongresi , Working Group, Gaziantep, Turkey, 2018
International Congress on Agriculture and Animal Sciences , Working Group, Antalya, Turkey, 2018
Agriculture, Forestry and Life Sciences , Working Group, Budapest, Hungary, 2018
30. International Horticultural Congress, Working Group, İstanbul, Turkey, 2018
2. International Conference on Agriculture, Forest, Food Sciences and Technologies , Working Group, İzmir, Turkey, 2018
3. International Congress Applied Biological Sciences , Working Group, Afyon, Turkey, 2017
International Conference on Agriculture, Forest, Food Sciences and Technologies , Working Group, Nevşehir, Turkey, 2017
VII. Bahçe Ürünlerinde Muhafaza ve Pazarlama Sempozyumu , Working Group, Isparta, Turkey, 2016
International Congress on Applied Biological Sciences , Working Group, Sarajevo, Bosnia And Herzegovina, 2016
Türkiye VII. Ulusal Bahçe Bitkileri Kongresi , Working Group, Çanakkale, Turkey, 2015
Balkan Agricultural Congress, Working Group, Edirne, Turkey, 2014
8. Sebze Tarımı Sempozyumu, Working Group, Van, Turkey, 2010

Türkiye 5. Ulusal Bahçe Bitkileri Kongresi, Working Group, Erzurum, Turkey, 2007

Awards

Ağlar E., makale ödülü , Tübitak , December 2018

Ağlar E., Yayın (makale) teşviği , Tübitak, June 2018

Ağlar E., Yayın teşviği , Tübitak , April 2018

Ağlar E., Yayın teşviği , Tübitak , December 2017

Ağlar E., Yayın(makale) teşvik ödülü , Tübitak , June 2017