

## Assoc. Prof. NAFİYE ÜNAL

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-4796-2016

Yoksis Researcher ID: 143611

### Education Information

Doctorate, Akdeniz University, Faculty of Agriculture, Bahçe Bitkileri , Turkey 2001 - 2009

Postgraduate, Akdeniz University, Faculty of Agriculture, Bahçe Bitkileri , Turkey 1998 - 2000

Undergraduate, Akdeniz University, Faculty of Agriculture, Bahçe Bitkileri , Turkey 1993 - 1997

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Other, Örtüaltı ve Topraksız Kültür Ürün Yönetimi Sulama, Bitki Besleme ve Yetiştirme Teknikleri, BATEM, 2006

Other, Örtüaltı Bitki Yetiştiriciliği ve Topraksız Kültür, BATEM, 2005

### Dissertations

Doctorate, Topraksız Kültürde Yetiştirilen Çileklerin Verim ve Kalitesi Üzerine Değişik Yetiştirme Ortamlarının Etkileri , Akdeniz University, Institute of Science, Bahçe Bitkileri , 2009

Postgraduate, Bazı Yeni Çilek Çeşitlerinin Meristem Kültürüyle Çoğaltılması Üzerinde Araştırmalar, Akdeniz University, Institute of Science, Bahçe Bitkileri , 2000

### Research Areas

Agricultural Sciences, Agriculture, Garden Plants, Fruit Breeding and Breeding

### Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Agriculture, Department of Horticulture, 2019 - Continues

Assistant Professor, Akdeniz University, Faculty of Agriculture, Department of Horticulture, 2018 - 2019

Assistant Professor, Akdeniz University, Faculty of Agriculture, Department of Horticulture, 2018 - 2018  
Assistant Professor, Akdeniz University, Technical Sciences Vocational School, Department of Environmental Protection Technology, 2013 - 2018  
Lecturer PhD, Akdeniz University, Elmalı Vocational School, Department of Plant and Animal Production, 2010 - 2013  
Research Assistant, Akdeniz University, Faculty of Agriculture, Department of Horticulture, 1998 - 2009

## Academic and Administrative Experience

Akdeniz University, Technical Sciences Vocational School, 2017 - 2018

## Courses

Üzüksü Meyve Türlerinde Yeni Gelişmeler, Postgraduate, 2023 - 2024  
Bahçe Bitkilerinde Kuraklık Stresine Dayanım Esasları, Postgraduate, 2023 - 2024  
Üzüksü Meyveler, Undergraduate, 2020 - 2021, 2018 - 2019  
Bahçe Bitkilerinde Topraksız Yetiştiricilik, Undergraduate, 2019 - 2020, 2018 - 2019  
Meyvecilikte In vitro Mutasyon Uygulamaları, Postgraduate, 2018 - 2019  
Bahçe Bitkilerine Giriş , Undergraduate, 2019 - 2020  
Fide ve Fidancılık Tekniği, Undergraduate, 2019 - 2020, 2018 - 2019  
Meyvecilikte Topraksız Kültür Uygulamaları, Postgraduate, 2016 - 2017

## Advising Theses

Ünal N., THE EFFECTS OF DIFFERENT BIOREGULATORS ON SALINITY TOLERANCE LEVELS OF STRAWBERRIES GROWN IN SOILLESS CULTURE CONDITIONS, Postgraduate, S.KARADAL(Student), 2022  
Ünal N., In vitro koşullarda farklı poliamin uygulamalarının çilekte tuzluluk stresi üzerine etkileri, Postgraduate, E.ELİF(Student), 2021  
Ünal N., Korkuteli ekolojik koşullarında yetiştirilen çileklerin verim ve kalitesi üzerine değişik çeşit ve yetiştirme sistemlerinin etkileri, Postgraduate, F.TEKİN(Student), 2021

## Jury Memberships

Doctoral Examination, Doctoral Examination, Akdeniz Üniversitesi, June, 2023  
Doctoral Examination, Doctoral Examination, Çukurova Üniversitesi, March, 2023  
Post Graduate, Post Graduate, Çukurova Üniversitesi, January, 2023  
Post Graduate, Post Graduate, Çukurova Üniversitesi, January, 2023  
Post Graduate, Post Graduate, Çukurova Üniversitesi, June, 2022  
Post Graduate, Post Graduate, Çukurova Üniversitesi, March, 2022  
Doctoral Examination, Doctoral Examination, Çukurova Üniversitesi, February, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Çukurova Üniversitesi, January, 2022  
Post Graduate, Post Graduate, Akdeniz Üniversitesi, November, 2021  
Doctoral Examination, Doctoral Examination, Çukurova Üniversitesi, October, 2021  
Post Graduate, Post Graduate, Akdeniz Üniversitesi, July, 2021  
Doctorate, Doktora Tez İzleme, Çukurova Üniversitesi , February, 2021  
Doctoral Examination, Doktora Yeterlilik , Çukurova Üniversitesi , November, 2020  
Academic Staff Examination, Öğretim Görevlisi, Akdeniz Üniversitesi, March, 2019  
Academic Staff Examination, Öğretim Görevlisi, Akdeniz Üniversitesi, March, 2019

Doctorate, Doktora tez sınavı, Çukurova Üniversitesi , November, 2018

Post Graduate, Yüksek lisans sınav, Akdeniz Üniversitesi, November, 2018

Post Graduate, yüksek lisans tez savunma, Akdeniz Üniversitesi, June, 2018

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Improving the storage quality of pomegranate fruit by combining modified atmosphere packaging and *Origanum syriacum* volatile essential oil**  
Kahramanoğlu İ., Okatan V., Panfilova O., Ünal N., Bilgin J., Güçlü S. F., Bahadırılı N. P., Kitiş Y. E.  
PAKISTAN JOURNAL OF BOTANY, vol.56, no.1, pp.305-313, 2024 (SCI-Expanded)
- II. **Comprehensive quality analyses of important apricot varieties produced in Türkiye**  
Sarıdaş M. A., Ağçam E., Ünal N., Akyıldız A., Paydaş Kargı S.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.125, pp.1, 2024 (SCI-Expanded)
- III. **Effect of different growing media on pomological and phytochemical parameters of *Fragaria vesca* ‘Yellow Wonder’ and *Fragaria xananassa* ‘Camarosa’: a comparative study**  
ÜNAL N., Kahramanoglu I., Seyed Hajizadeh H., BİLGİN J., OKATAN V.  
BMC Plant Biology, vol.23, no.1, 2023 (SCI-Expanded)
- IV. **Effects of harvest date on plant growth parameters and fruit phytochemical contents in different cultivars of chokeberry**  
Ünal N., Sarıdaş M. A., Ağçam E., Akyıldız A., Paydaş Kargı S.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.51, no.3, pp.1-17, 2023 (SCI-Expanded)
- V. **Effects of drought stress treatment on phytochemical contents of strawberry varieties**  
Ünal N., Okatan V.  
SCIENTIA HORTICULTURAE, vol.316, no.112013, pp.1-7, 2023 (SCI-Expanded)
- VI. **Impacts of different planting times on fruit quality and some bioactive contents of different strawberry cultivars**  
Ünal N., Okatan V., Bilgin J., Kahramanoğlu I., Hajizadeh H. S.  
FOLIA HORTICULTURAE, vol.35, no.1, pp.1-12, 2023 (SCI-Expanded)
- VII. **The effects of putrescine on pomology, yield and biochemical characteristics of strawberry plants under deficit irrigation**  
Adak N., Nasırcılar A. G., Ulukapı K.  
Acta Horticulturae, vol.1308, pp.189-195, 2021 (SCI-Expanded)
- VIII. **The effects of glycine betaine on pomology, yield and biochemical characteristics of strawberry plants under soilless culture**  
ADAK N., TOZLU İ.  
Acta Horticulturae, vol.1273, pp.45-51, 2020 (SCI-Expanded)
- IX. **EFFECTS OF GLYCINE BETAIN CONCENTRATIONS ON THE AGRONOMIC CHARACTERISTICS OF STRAWBERRY GROWN UNDER DEFICIT IRRIGATION CONDITIONS**  
ADAK N.  
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, vol.17, no.2, pp.3753-3767, 2019 (SCI-Expanded)
- X. **EFFECT OF DIFFERENT K<sup>+</sup>/CA(2<sup>+</sup>) RATIOS ON YIELD, QUALITY AND PHYSIOLOGICAL DISORDER IN SOILLESS STRAWBERRY CULTIVATION**  
Adak N.  
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.18, no.2, pp.229-236, 2019 (SCI-Expanded)
- XI. **Influence of Different Soilless Substrates to Morpho-physiological Characteristics and Yield Relations in Strawberries**  
ÜNAL N., TOZLU İ., GÜBBÜK H.  
ERWERBS-OBSTBAU, vol.60, no.4, pp.341-348, 2018 (SCI-Expanded)
- XII. **IN VITRO ASSESSMENT OF DROUGHT TOLERANCE RESPONSES IN STRAWBERRY**  
ÜNAL N., TOZLU İ., NASIRCILAR A. G., ULUKAPI K.

- FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12B, pp.9481-9486, 2018 (SCI-Expanded)
- XIII. **Yield, quality and biochemical properties of various strawberry cultivars under water stress**  
ÜNAL N., GÜBBÜK H., Tetik N.  
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.98, no.1, pp.304-311, 2018 (SCI-Expanded)
- XIV. **Infrared drying of strawberry**  
Adak N., Heybeli N., ERTEKİN C.  
FOOD CHEMISTRY, vol.219, pp.109-116, 2017 (SCI-Expanded)
- XV. **Effect of Planting Systems and Growing Media on Earliness, Yield and Quality of Strawberry Cultivation under Soilless Culture**  
Adak N., GÜBBÜK H.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.43, no.1, pp.204-209, 2015 (SCI-Expanded)
- XVI. **Effects of Different Seedling Types and Growing Media on Soilless Culture Strawberry Growing**  
Adak N., PEKMEZCI M.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.17, no.4, pp.269-278, 2011 (SCI-Expanded)

### Articles Published in Other Journals

- I. **CONVECTIVE DRYING OF CHOKEBERRY CV. "VIKING" AND MODELING OF DRYING KINETICS**  
ÜNAL N., SÜSLÜ A., KÜLCÜ R., DINCER C., İMİRGI E. E. Y., ERTEKİN C.  
GIDA, vol.49, no.5, pp.847-862, 2024 (Peer-Reviewed Journal)
- II. **The Effects of Different Cultivars and Growing Systems on Yield and Quality of Strawberries Grown in Korkuteli Ecological Conditions**  
Tekin F., Unal N.  
Anadolu Tarım Bilimleri Dergisi, vol.39, no.2, pp.221-238, 2024 (Peer-Reviewed Journal)
- III. **In Vitro Koşullarda Farklı Poliamin Uygulamalarının Çilekte Tuzluluk Stresi Üzerine Etkileri**  
YAVUZLAR E. E., ÜNAL N.  
Fruit Research Institute Egirdir Isparta Turkey, vol.10, pp.173-183, 2023 (Peer-Reviewed Journal)
- IV. **Antalya'da Maviyemiş Blueberry Yetiştiriciliği**  
ÜNAL N.  
TARIMIN SESİ, no.44, pp.19-22, 2021 (Non Peer-Reviewed Journal)
- V. **In Vitro Koşullarda Farklı Glisin Konsantrasyonlarının Çileklerde Tuzluluk Stresi Üzerine Etkileri**  
YAVUZLAR E. E., KARADAL S., ÜNAL N.  
ANADOLU JOURNAL OF AGRICULTURAL SCIENCES, no.36, pp.162-166, 2021 (Peer-Reviewed Journal)
- VI. **Biological control against spider mites in strawberry greenhouses in Turkey**  
Topakçı N., Ünal N.  
ACTA HORTICULTURAE, vol.1, pp.291-296, 2021 (Scopus)
- VII. **Response of hydroponically-grown strawberry (*Fragaria × ananassa* Duch.) plants to different ratios of K:Mg in the nutrient solution**  
Ünal N.  
ACTA HORTICULTURAE, vol.1308, pp.235-240, 2021 (Scopus)
- VIII. **Topraksız çilek yetiştiriciliğinde mikoriza ve yetiştirme ortamı hacminin vejetatif gelişim ve meyve kalitesi üzerine etkileri**  
ADAK N., YAVUZLAR E. E., KARADAL S., DURMAZ B.  
Anadolu J Agr Sci, vol.35, pp.292-300, 2020 (Peer-Reviewed Journal)
- IX. **Mutation breeding of strawberry for tolerance to water stress using ethyl methane sulfonate**  
Ünal N., Kaynak L.  
ACTA HORTICULTURAE, vol.1285, pp.235-246, 2020 (Scopus)
- X. **Topraksız Kültürde Yetiştirilen Aronya (*Aronia Melanocarpa* (Michx.) Elliot) Fidanlarında Mikoriza Uygulamasının, Bitki Gelişimi Üzerine Etkileri**

KARADAL S., YAVUZLAR E. E., ADAK N., GONCU S.

BAHÇE, no.48, pp.31-37, 2019 (Peer-Reviewed Journal)

- XI. **Guava (Psidium guajava L.) tohumlarının çimlenmesi üzerine arařtırmalar.**  
ADAK N., BALKIÇ R., TOZLU İ., ALTINKAYA L., SOYDAL A., GÜBBÜK H.  
BAHÇE, vol.48, no.1, pp.1-7, 2019 (Peer-Reviewed Journal)
- XII. **Topraksız ve konvansiyonel kořulların turunçgillerde fidan geliřimi üzerine etkileri**  
MISRAKLI D., UNAL Z., ADAK N., ÇALIŞ Ö., TOZLU İ.  
Mediterranean Agricultural Sciences, no.32, pp.85-90, 2019 (Peer-Reviewed Journal)
- XIII. **Topraksız Tarımda Çilek Yetiřtiricilięi**  
DEMİRSOY L., MISIRLI D., ADAK N.  
ANADOLU Ege Tarımsal Arařtırma Enstitüsü Dergisi, vol.27, no.1, pp.71-80, 2017 (Peer-Reviewed Journal)
- XIV. **Antalya İlinde Çilek Yetiřtiricilięinde Son Geliřmeler**  
ÇELİK B., GÜBBÜK H., ADAK N.  
BAHÇE, vol.46, no.1, pp.287-290, 2017 (Peer-Reviewed Journal)
- XV. **Kuraklık stresinde yetiřtirilen çilek çeřitlerinde, prolinin bitki büyüme ve geliřmesi ile verim ve kalite üzerine etkisi**  
ADAK N., NASIRCILAR A. G., ULUKAPI K.  
BAHÇE, vol.46, pp.37-44, 2017 (Peer-Reviewed Journal)
- XVI. **Optimization of In Vitro Regeneration System of Newly Developed Strawberry Hybrids**  
ADAK N., KAYNAK L., ADAK M.  
International Journal of Agriculture Innovations and Research (IJAIR), vol.5, no.3, pp.397-402, 2016 (Peer-Reviewed Journal)
- XVII. **Deęiřik yetiřtirme sistemlerinin çilek meyvelerinin bazı fizikokimyasal özellikleri üzerine etkileri**  
ADAK N., TETİK N., GÜNEŞ E., BALKIÇ R., GÜBBÜK H., ARSLAN KULCAN A.  
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.29, no.2, pp.33-38, 2016 (Peer-Reviewed Journal)
- XVIII. **Improvement of strawberry (Fragaria x ananassa ) through induced mutations and in vitro culture**  
ADAK N., KAYNAK L.  
International Journal of Agriculture Innovations and Research, vol.5, no.2, pp.242-246, 2016 (Peer-Reviewed Journal)
- XIX. **In vitro řartlarda Deęiřik Bitki Büyüme Düzenleyicilerinin Çileklerde Kallus ve Sürgün Geliřimi Üzerine Etkileri**  
ADAK N.  
BAHÇE, vol.45, pp.859-863, 2016 (Peer-Reviewed Journal)
- XX. **Son yılların hızla geliřen sektörü: Yayla Seracılıęı ve Elmalı.**  
Adak N., Demir H., Akgün İ. H.  
HASAD, no.354, pp.26-30, 2014 (Non Peer-Reviewed Journal)
- XXI. **Topraksız Çilek Yetiřtiricilięinde Fide Tipi ile Yetiřtirme Ortamının Meyve Kalitesi Üzerine Etkileri**  
ADAK N., MUSTAFA P.  
EGE ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ, vol.49, no.2, pp.135-142, 2012 (Peer-Reviewed Journal)
- XXII. **Keçiboynuzu tohumlarının kontrollü kořullarda çimlendirilmesi üzerinde arařtırmalar**  
GÜBBÜK H., GÜNEŞ E., GÜVEN D., ADAK N.  
DERİM, vol.29, no.2, pp.1-10, 2012 (Peer-Reviewed Journal)
- XXIII. **Topraksız Kültürle Çilek Yetiřtiricilięinde Fide Tipleri ile Yetiřtirme Ortamlarının Meyve Kalite Kriterleri Üzerine Etkileri.**  
ADAK N., PEKMEZCİ M.  
Ege Üniversitesi Ziraat Fakültesi Dergisi, vol.49, no.2, pp.135-142, 2012 (Peer-Reviewed Journal)
- XXIV. **Farklı ařılama zamanlarının keçiboynuzunda aşı tutma ve sürme oranları üzerine etkileri**  
GÜBBÜK H., GÜNEŞ E., ADAK N., GÜVEN D.  
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.25, no.2, pp.73-76, 2012 (Peer-Reviewed Journal)
- XXV. **Çilek (Fragaria vesca L.). Antalya Meyvecilik Master Planı**  
ADAK N.

- ANTALYA TARIM MASTER PLANI 2011, pp.282-288, 2011 (Non Peer-Reviewed Journal)
- XXVI. **Topraksız Kültürle Çilek Yetiştiriciliğinde Fide Tipleri ile Yetiştirme Ortamlarının Bazı Fiziksel Özellikler Üzerine Etkileri.**  
ADAK N., PEKMEZCİ M.  
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.28, no.2, pp.53-59, 2011 (Peer-Reviewed Journal)
- XXVII. **Değişik Çilek Çeşitlerinde, Farklı Oksin Tipleri ile Aktif Kömür Düzeylerinin Dış Koşullara Adaptasyon Aşamasında Bitki Büyüme ve Gelişimi Üzerine Etkileri**  
ADAK N., PEKMEZCİ M.  
Anadolu Tarım Bilimleri Dergisi (E.A. Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi), vol.26, no.2, pp.91-100, 2011 (Peer-Reviewed Journal)
- XXVIII. **Camarosa Çilek Çeşidinde, Değişik EC Düzeylerinin Verim ve Kalite Üzerine Etkileri**  
ADAK N.  
DERİM, vol.27, no.2, pp.22-33, 2010 (Peer-Reviewed Journal)
- XXIX. **Topraksız Kültürde Çilek Yetiştirme Olanakları**  
ADAK N.  
Alatarım, vol.9, no.2, pp.38-44, 2010 (Peer-Reviewed Journal)
- XXX. **Değişik Uygulamaların Çilek Tohumlarının Çimlenmesi Üzerine Etkisi**  
ADAK N., PEKMEZCİ M., GÜBBÜK H.  
DERİM, vol.26, no.2, pp.1-10, 2009 (Peer-Reviewed Journal)
- XXXI. **Batı Akdeniz ve Ege Bölgesi'nde Yabani ve Kültür Formunda Yetişen Keçiboynuzu Tiplerinin Seleksiyonu**  
PEKMEZCİ M., GÜBBÜK H., ETİ S., ERKAN M., ONUS A. N., YILDIRIM I. K., BİNER B., ADAK N.  
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.21, no.2, pp.145-153, 2008 (Peer-Reviewed Journal)
- XXXII. **Doğu Akdeniz Bölgesinde Yabani ve Kültür Formunda yetişen keçiboynuzu Tiplerinin Seleksiyonu**  
PEKMEZCİ M., GÜBBÜK H., ETİ S., ERKAN M., ONUS A. N., BİNER B., ADAK N., YILDIRIM I. K.  
Bahçe, vol.34, no.2, pp.73-82, 2005 (Peer-Reviewed Journal)
- XXXIII. **Değişik Tavuk ve Çiftlik Gübresi Düzeylerinin Dwarf Cavendish Muz Klonunda Verim ve Kalite Üzerine Etkileri**  
GÜBBÜK H., Pekmezci M., Adak N.  
DERİM, vol.18, no.4, pp.145-153, 2001 (Peer-Reviewed Journal)

## **Books & Book Chapters**

### **I. Gübreleme**

ADAK N., SARIDAŞ M. A.

in: MUZ YETİŞTİRİCİLİĞİ, Paydas Kargı, S., Editor, Nobel Akademik Yayıncılık Tic. Ltd. Şti., İzmir, pp.43-57, 2020

### **II. Yetiştiricilik Sistemleri**

ADAK N., PAYDAŞ KARGI S.

in: MUZ YETİŞTİRİCİLİĞİ, Paydas Kargı, S., Editor, Nobel Akademik Yayıncılık Tic. Ltd. Şti., İzmir, pp.27-41, 2020

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Glutamin ve Silisyum Uygulamalarının Çileklerde Tuzluluk Stresi Üzerine Etkilerinin Morfo-fizyolojik Olarak Değerlendirilmesi**

Ünal N., Yavuzlar İmirci E. E., Üçok Z.

International Congress on Multidisciplinary Approaches in Agricultural Sciences (ASMAG), Bartın, Turkey, 15 - 17 May 2024, pp.133-141

### **II. POMOLOGICAL PROPERTIES OF SOME CORNELIAN CHERRY (CORNUS MAS L.) GENOTYPES.**

P. K., OKATAN V., ÜNAL N.

- AGRIBALKAN 2023, V. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 20 September 2023, pp.650-657
- III. **PHENOLOGICAL DEVELOPMENTAL STAGES AND FRUIT QUALITY PROPERTIES OF DIFFERENT BLUEBERRY CULTIVARS GROWN UNDER SOILLESS CONDITIONS.**  
ÜNAL N., OKATAN V., null P. K.  
AGRIBALKAN 2023, V. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 20 September 2023, pp.518-527
- IV. **Topraksız Kültür Şartlarında Yetiştirilen Çileklerde Farklı Bioregülatör Uygulamalarının Tuz Stresine Karşı Morfo-Fizyolojik Tepkileri**  
Karadal S., Ünal N.  
Ulusal Meyvecilik Sempozyumu, Isparta, Turkey, 27 - 30 September 2022, pp.1
- V. **The Effects of Glutamine and Silicon Applications on Yield and Quality in Strawberries Grown at Different Salinity Levels**  
Ünal N., Yavuzlar E. E., Üçok Z.  
Ulusal Meyvecilik Sempozyumu, Isparta, Turkey, 27 - 30 September 2022, pp.1
- VI. **Biological Control Against Spider mites in Strawberry Greenhouses in Turkey**  
Topakçı N., Adak N.  
2nd International Symposium on Fruit Culture along Silk Road Countries- SILKSYM, Trebinje, Bosnia And Herzegovina, 2 - 06 October 2017, vol.1, pp.291-296
- VII. **Çilekte In Vitro Kültür Kullanım Olanakları**  
YAVUZLAR E. E., ADAK N.  
II. Hasat Uluslararası Tarım ve Orman Kongresi, İzmir, Turkey, 8 - 09 November 2019, pp.249-258
- VIII. **Topraksız Kültürde Yetiştirilen Aronya (Aronia Melanocarpa (Michx.) Elliot) Fidanlarında Mikoriza Uygulamasının, Bitki Gelişimi Üzerine Etkileri**  
KARADAL S., YAVUZLAR E. E., ADAK N., GONCU S.  
VI. Ulusal Üzümsü Meyveler Sempozyumu, Samsun, Turkey, 5 - 07 September 2019
- IX. **In Vitro Koşullarda Farklı Glisin Konsantrasyonlarının Çileklerde Tuzluluk Stresi Üzerine Etkileri.**  
YAVUZLAR E. E., KARADAL S., ADAK N.  
VI. Ulusal Üzümsü Meyveler Sempozyumu, Samsun, Turkey, 5 - 07 September 2019
- X. **Farklı Tuzluluk Düzeylerinde Yetiştirilen Çileklerde, Fide Tiplerinin Bitki Gelişimi Üzerine Etkisi**  
ADAK N., YAVUZLAR E. E., YORGANCI İ., ÜÇOK Z.  
II. Hasat Uluslararası Tarım ve Orman Kongresi, 8 - 09 November 2019
- XI. **Topraksız çilek yetiştiriciliğinde mikoriza ve yetiştirme ortamı hacminin bitki gelişimi üzerine etkileri**  
ADAK N., YAVUZLAR E. E., KARADAL S., DURMAZ B.  
VI. Ulusal Üzümsü Meyveler Sempozyumu, Samsun, Turkey, 5 - 07 September 2019
- XII. **FARKLI ÇİLEK GENOTİPLERİNİN IN VITRO TUZLULUK TOLERANS DÜZEYLERİ ÜZERİNE ARAŞTIRMALAR**  
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FOOD CHEMISTRY, SCI Journal, December 2016  
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FOOD CHEMISTRY, SCI Journal, October 2016  
LWT, SCI Journal, October 2016  
FOOD CHEMISTRY, SCI Journal, October 2016  
International Journal of Horticultural Science and Technology, SCI Journal, October 2016  
FOOD CHEMISTRY, SCI Journal, October 2016

FOOD CHEMISTRY, SCI Journal, October 2016  
FOOD CHEMISTRY, SCI Journal, October 2016  
Compost Science & Utilization, SCI Journal, October 2016  
FOOD CHEMISTRY, SCI Journal, October 2016  
FOOD CHEMISTRY, SCI Journal, August 2016  
FOOD CHEMISTRY, SCI Journal, August 2016  
FOOD CHEMISTRY, SCI Journal, August 2016  
FOOD CHEMISTRY, SCI Journal, August 2016  
International Journal of Horticultural Science and Technology, SCI Journal, August 2016  
FOOD CHEMISTRY, SCI Journal, August 2016  
FOOD CHEMISTRY, SCI Journal, July 2016  
FOOD CHEMISTRY, SCI Journal, July 2016  
FOOD CHEMISTRY, SCI Journal, July 2016  
FOOD CHEMISTRY, SCI Journal, July 2016  
FOOD CHEMISTRY, SCI Journal, June 2016  
FOOD CHEMISTRY, SCI Journal, May 2016  
FOOD CHEMISTRY, SCI Journal, May 2016  
FOOD CHEMISTRY, SCI Journal, May 2016  
Biological Agriculture & Horticulture, SCI Journal, January 2016  
TUBITAK Project, June 2015  
Journal of Agricultural Science and Technology, SCI Journal, August 2014  
TUBITAK Project, June 2014  
TUBITAK Project, June 2014  
TUBITAK Project, June 2014  
TUBITAK Project, June 2014  
TUBITAK Project, June 2014

## **Metrics**

Publication: 126  
Citation (WoS): 149  
Citation (Scopus): 240  
H-Index (WoS): 3  
H-Index (Scopus): 4

## **Congress and Symposium Activities**

AGRIBALKAN 2023, Attendee, Edirne, Turkey, 2023  
Ulusal Meyvecilik Sempozyumu, Attendee, Isparta, Turkey, 2022  
Ulusal Meyvecilik Sempozyumu, Session Moderator, Isparta, Turkey, 2022  
II. Hasat Uluslararası Tarım ve Orman Kongresi, Attendee, İzmir, Turkey, 2019  
Hasat 2. 'Uluslararası Tarım ve Orman Kongresi, Session Moderator, İzmir, Turkey, 2019  
VI. ULUSAL ÜZÜMSÜ MEYVELER SEMPOZYUMU, Attendee, Samsun, Turkey, 2019  
Hasat Uluslararası Tarım ve Orman Kongresi, Attendee, Ankara, Turkey, 2019  
XXX. International Horticultural Congress, Attendee, İstanbul, Turkey, 2018  
International Agricultural Science Congress, Attendee, Van, Turkey, 2018  
3rd ASM International Congress of Agriculture and Environment Antalya, TURKEY 16-18 November 2017., Attendee, Antalya, Turkey, 2017  
Second International Symposium on Fruit Culture in Silk Road Countries "Fruits for the Future", Attendee, Trebinje,

Bosnia And Herzegovina, 2017

XIII. Congress of Ecology and Environment, Attendee, Edirne, Turkey, 2017

International Congress of the New Approaches and Technologies For Sustainable Development, Attendee, Isparta, Turkey, 2017

XIII. Congress of Ecology and Environment with International Participation, UKECEK-2017, Session Moderator, Edirne, Turkey, 2017

International Conference on Agriculture, Forest, Food Sciences and Technologies, ICAFOF 2017, Attendee, Nevşehir, Turkey, 2017

III International Symposium on Horticulture in Europe - SHE2016. Chania, Crete (Greece), Attendee, Haniá, Greece, 2016

Uluslararası katılımlı V. Ulusal Üzümsü Meyveler Sempozyumu, Attendee, Turkey, 2016

Uluslararası katılımlı 'Türkiye Doğal Beslenme ve Sağlıklı Yaşam Günleri', Attendee, Antalya, Turkey, 2016

VII. Ulusal Bahçe Bitkileri Kongresi, Attendee, Çanakkale, Turkey, 2015

IV. Ulusal Üzümsü Meyveler Sempozyumu, Attendee, Antalya, Turkey, 2012

4th European COST 866 Workshop Green Care in Agriculture, Attendee, Antalya, Turkey, 2009

International Symposium Advances In Soil & Soilless Cultivation Under Protected Environment, Attendee, Aghâdir, Morocco, 2006

Türkiye IV. Ulusal Bahçe Bitkileri Kongresi, Attendee, Antalya, Turkey, 2003

## Awards

ÜNAL N., WILEY REVIEWER CERTIFICATE, V.M. (Bala) Balasubramaniam Editor-in-Chief, Journal of Food Process Engineering-WILEY, February 2020

ÜNAL N., Certificate of Outstanding Contribution in Reviewing-Awarded November, 2018 to NAFIYE ADAK, FOOD CHEMISTRY, The Editors of FOOD CHEMISTRY, Elsevier, Amsterdam, The Netherlands, Elsevier Reviewer Recognition, November 2018

ÜNAL N., Certificate of Outstanding Contribution in Reviewing-Awarded June, 2018 to NAFIYE ADAK, HELIYON, June 2018

ÜNAL N., Certificate of Reviewing-Awarded May, 2017, Journal of the Science of Food and Agriculture, SCI, WILEY, May 2017

ÜNAL N., Certificate of Outstanding Contribution in Reviewing-Awarded January, 2017 to NAFIYE ADAK, LWT-FOOD SCIENCE AND TECHNOLOGY, The Editors of LWT- FOOD SCIENCE AND TECHNOLOGY, Elsevier, Amsterdam, The Netherlands, January 2017

ÜNAL N., Certificate of Outstanding Contribution in Reviewing-Awarded November, 2016, FOOD CHEMISTRY, The Editors of FOOD CHEMISTRY, Elsevier, Amsterdam, The Netherlands, Elsevier Reviewer Recognition, November 2016

ÜNAL N., Certificate of Reviewing-Awarded October, 2016, LWT-FOOD SCIENCE AND TECHNOLOGY, The Editors of LWT-FOOD SCIENCE AND TECHNOLOGY, Elsevier, Amsterdam, The Netherlands, October 2016

ÜNAL N., Certificate of Reviewing-Awarded May, 2016, FOOD CHEMISTRY, Elsevier, Amsterdam, The Netherlands, Elsevier Reviewer Recognition, May 2016

## Artistic Activity

ÜNAL N., BUDAMA ATIKLARININ TARIMDA VE PEYZAJ ALANLARINDA KULLANILMASI, May 2016

ÜNAL N., BİTKİ ATIKLARININ ELDESİ VE ÇEVREDE ÇOK YÖNLÜ DEĞERLENDİRİLMESİ, April 2016