

## Personal Information

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## Education Information

Doctorate, Cukurova University, Fen Edebiyat Fakültesi/Fen Bilimleri Enstitüsü , Biyoloji Bölümü-Botanik, Turkey 2014 - Continues

Associate Degree, Anadolu University, Açıköğretim Fakültesi, Tarım, Turkey 2016 - 2018

Post Graduate, Cukurova University, Fen Edebiyat Fakültesi/Fen Bilimleri Enstitüsü, Biyoloji Bölümü-Botanik, Turkey 2012 - 2014

Under Graduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2006 - 2011

## Certificates, Courses and Trainings

Education Management and Planning, Pedagojik Formasyon Eğitimi, Çukurova Üniversitesi Eğitim Fakültesi, 2019

Other, Biyoloji ve Ekoloji Alanlarında Proje Hazırlama ve Uyg.Eğitimi, Afyon Kocatepe Üniversitesi, 2016

Other, Bitkilerde Uyg. Moleküler Markır, Gen Ekspresyonu ve Yeni Nesil Dizileme Tekn. Eğt., Çukurova Üniversitesi Biyoteknoloji Araştırma ve Uygulama Merkezi, 2016

Other, IASTE PRACTICAL PROGRAM, INSTITUTE OF MOLECULAR PLANT NUTRITION/UNIVERSITY OF HOHENHEIM, 2015

## Dissertations

Post Graduate, EKMEKLİK (*Triticum aestivum* cv. Özkan) VE MAKARNALIK (*Triticum durum* cv. Diyarbakır 81) BUĞDAY ÇEŞİTLERİNDE KADMİYUM STRESİNİN VE PACLOBUTRAZOL İLE İLİŞKİSİNİN ARAŞTIRILMASI, Cukurova University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü, 2014

## Research Areas

Life Sciences, Plant Biology, Plant Physiology, Plant Growth and Development, Natural Sciences

## Academic Titles / Tasks

Research Assistant, Cukurova University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü, 2012 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Traffic-Induced Air Pollution Effects on Physio-Biochemical Activities of the Plant *Eucalyptus camuldensis***  
Çeliktaş V., OTU H., DÜZENLİ S., Alharby H., Bamagoos A., Islam M. S. , Hossain A., El sabagh A. FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.12, pp.9373-9378, 2019 (Journal Indexed in SCI Expanded)
- **GROWTH, PHYSIOLOGY, AND BIOCHEMICAL ACTIVITIES OF WHEAT (*TRITICUM AESTIVUM* L.) SEEDLINGS IS AFFECTED BY LEAD STRESS**  
Borlu H., ÇELİKTAŞ V., DÜZENLİ S., Avcı M., Hussain A., El Sabagh A.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.5122-5130, 2019 (Journal Indexed in SCI)

- **GERMINATION AND EARLY SEEDLING GROWTH OF FIVE DURUM WHEAT CULTIVARS (TRITICUM DURUM DESF.) IS AFFECTED BY DIFFERENT LEVELS OF SALINITY**

Borlu H., ÇELİKTAŞ V., DÜZENLİ S., Hossain A., El Sabagh A.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.7746-7757, 2018 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **RESPONSE OF TOMATO (*Lycopersicon esculentum* Mill.) SEEDLINGS TO CADMIUM STRESS WITH PHYSIOLOGICAL AND OXIDATIVE PARAMETERS**  
HAKLI HEYBET E., OTU H., DÜZENLİ S.  
JOURNAL OF APPLIED BIOLOGICAL SCIENCES, no.1, pp.1-14, 2020 (Refereed Journals of Other Institutions)
- **Ekmeklik (*Triticum Aestivum* Cv. Özkan) Ve Makarnalık (*Triticum Durum* Cv. Diyarbakır 81) Buğday Çeşitlerinde Kadmiyum Stresinin Ve Paclobutrazol İle İlişkinin Büyüme, Pigment İçeriği Ve Kadmiyum Birikimi Üzerine Etkileri**  
OTU H., DÜZENLİ S.  
Ç. Ü. FEN ve MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.34, pp.52-61, 2016 (National Refereed University Journal)

## Refereed Congress / Symposium Publications in Proceedings

- **The Effects of Irrigation-related Drought Stress on Some Eggplant Cultivars**  
OTU BORLU H., ÇELİKTAŞ V., DÜZENLİ S.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1311
- **Bread Wheat Seedlings? Response to Allelopathic Effect of Cocklebur (*Xanthium strumarium* L.) With Some Physiological Parameters**  
ÇELİKTAŞ V., OTU BORLU H.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1322-1324
- **Allelopathic Effects of Two Weed Species on Soybean Seedlings**  
ÇELİKTAŞ V., HAKLI HEYBET E., OTU BORLU H., KILIÇ A., BAKAL H.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1332
- **The Effect of Indole Acetic Acid on Some Growth Parameters of Bread Wheat (*Triticum aestivum* L. cv. Sagittario) Under Salinity Stress**  
KILIÇ A., OTU H., ÇAKAN H.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 October - 26 November 2018, pp.1231
- **DOES SALT PRE-TREATMENT PROVIDE AMELIORATION EFFECT ON TOXIC BORON LEVELS IN TWO SUNFLOWER CULTIVARS?**  
ÇULHA Ş., OTU H., BALKAN A. S., EKMEKÇİ Y.  
International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.444
- **The Effects of Lead and Cadmium on the Some Growth Parameters of Bread Wheat (*Triticum aestivum* cv. Sagittario)**  
KILIÇ A., ÖNGÜN S., OTU H., ÇAKAN H.  
1. International Congress on Plant Biology, Konya, Turkey, 10 - 12 May 2018, pp.314
- **Effects of Salinity on Some Physiological Traits In Seven Different Durum Wheat Cultivars (*Triticum turgidum* subsp. durum).**  
OTU H., ÇAKAN H., DÜZENLİ S.  
1. International Congress on Plant Biology, Konya, Turkey, 10 - 12 May 2018, pp.84
- **The Effects of Different Salt Concentrations on Sunflower and Cotton Seedlings? Germination and Growth**

Kılıç A., OTU H.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1757

- **INVESTIGATION OF ANTIMICROBIAL ACTIVITIES OF LAURUS NOBILIS ESSENTIAL OILS**  
ÇELİKTAŞ V., OTU H., UÇAR Y., DÜZENLİ S.  
First International Congress on Medical and Aromatic Plants, Konya, Turkey, 9 - 12 May 2017, pp.739
- **The Investigation of Different Lead Concentrations on Sunflower's (Helianthus annuus L. cv Eklor) Some Physiological Parameters**  
OTU H., AVCIM., ÇELİKTAŞ V., DÜZENLİ S.  
International Conference on Civil and Environmental Engineering (ICOCEE - Cappadocia), Nevşehir, Turkey, 8 - 10 May 2017, pp.3270
- **The effects of different lead concentrations on sunflower (helianthus annuus l. Cv eklor) growth and lead accumulation**  
OTU H., ÇELİKTAŞ V., DÜZENLİ S., AVCIM.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October - 28 December 2016, pp.4112
- **Some toxic effects of lead on urtica dioica l. Seedlings**  
AVCIM., OTU H., DÜZENLİ S.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.3972
- **SOME PHYSIOLOGICAL EFFECTS OF COPPER ON WHEAT CULTIVARS**  
OTU H., ÇELİKTAŞ V., DÜZENLİ S., İLBUĞA G., AVCIM.  
1st INTERNATIONAL BLACK SEA CONGRESS ON ENVIRONMENTAL SCIENCES (IBCESS), Giresun, Turkey, 31 August - 03 September 2016, pp.77
- **Physiological Effects of Five Herbicides on Wheat Cultivars**  
ÇELİKTAŞ V., DÜZENLİ S., OTU H.  
World Congress on Civil, Structural, and Environmental Engineering ;International Conference on Air, Water, and Soil Pollution and Treatment, Prag, Czech Republic, 30 - 31 March 2016
- **Makarnalık ve Ekmeklik Buğdayda Kadmiyum ve Paclobutrazol Uygulamalarının Etkisinin Araştırılması**  
OTU H., ÇELİKTAŞ V., DÜZENLİ S.  
Bitki Ekolojisi Sempozyumu, Sinop, Turkey, 6 - 09 May 2015, pp.356
- **Kadmiyum Toksikitesi Altındaki Biber (Capsicum annumL.) Çeşitlerine Salisilik Asidin Etkisi**  
OTU H., SEZGİN S., İLBUĞA G., DÜZENLİ S.  
22. ULUSAL BİYOLOJİ KONGRESİ, Eskişehir, Turkey, 23 - 27 June 2014, pp.119
- **Aspir (Carthamus tinctorius, Asteraceae) Çeşitlerinde Tuz Ön Uygulamasının Bor Toksikitesindeki Rolü**  
TURAN Ö., ÇULHA Ş., OTU H., BALKAN A. S. , EYİDOĞAN F., EKMEKÇİ Y.  
21. ULUSAL BİYOLOJİ KONGRESİ, İzmir, Turkey, 3 - 07 September 2012, pp.518-519

## Supported Projects

DÜZENLİ S., ÇALIŞKAN A. F. , ÇELİKTAŞ V., OTU H., Project Supported by Higher Education Institutions, Laurus nobilis Bitkisinin Meyve ve Yapraklarından elde Edilen Yağların Aphis Fabae nin Mücadelesinde Kullanılabilirliğinin Araştırılması, 2016 - 2017

DÜZENLİ S., ÇELİKTAŞ V., OTU H., Project Supported by Higher Education Institutions, Physiological Effects of Five Herbicides on Wheat Cultivars, 2016 - 2016

DÜZENLİ S., OTU H., Project Supported by Higher Education Institutions, Paclobutrazolün Kadmiyum Stresindeki Buğday Bitkilerine Fizyolojik ve Biyokimyasal Etkileri, 2013 - 2015

## Invited Congress and Symposium Activities

1. International Congress on Plant Biology, Attendee, Konya, Turkey, 2018

International Conference on Civil and Environmental Engineering (ICOCEE - Cappadocia), Attendee, Nevşehir, Turkey,

2017

V. Çukurova Biyoteknoloji Günleri, Attendee, Adana, Turkey, 2017

1st International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2016

1st INTERNATIONAL BLACK SEA CONGRESS ON ENVIRONMENTAL SCIENCES (1st IBCCESS), Attendee, Giresun, Turkey, 2016

International Conference on Air, Water, and Soil Pollution and Treatment, Attendee, Praha, Czech Republic, 2016

EKOLOJİ SEMPOZYUMU, Attendee, Sinop, Turkey, 2015

3. ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Adana, Turkey, 2015

22. ULUSAL BİYOLOJİ KONGRESİ, Attendee, Eskişehir, Turkey, 2014

21. ULUSAL BİYOLOJİ KONGRESİ, Attendee, Eskişehir, Turkey, 2012

## Citations

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