

Res. Asst. PhD ASLIHAN ÖZBİLEN



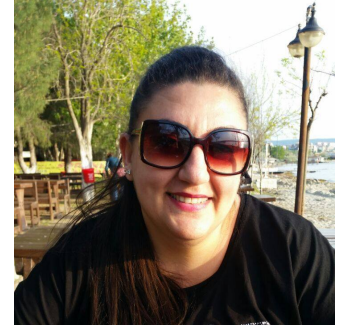
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International Researcher IDs

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Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Fakültesi, Biyoloji, Turkey 2013 - 2019

Postgraduate, Canakkale Onsekiz Mart University, Fen Fakültesi, Biyoloji, Turkey 2011 - 2013

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 2005 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Zeytinde (*Olea europaea* L.) Strigolakton Biyosentezinde Rol Alan Genlerin Karakterizasyonu, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Biyoloji, 2019

Postgraduate, Seksüel ve Apomikt Boechera Türlerinde Parental Etiketli Bazı Genlerin Moleküler Karakterizasyonu , Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Biyoloji, 2013

Research Areas

Life Sciences, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics, Plant Molecular Genetics, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Canakkale Onsekiz Mart University, Fen Fakültesi, Biyoloji, 2019 - Continues

Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Biyoloji, 2011 - 2019

Courses

Occupational Health and Safety II, Undergraduate, 2020 - 2021
Molecular Genetics Laboratory, Undergraduate, 2019 - 2020
Occupational Health and Safety I, Undergraduate, 2020 - 2021
Occupational Health and Safety II, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phylogenetic and Expression Analysis of CENH3 and APOLLO Genes in Sexual and Apomictic Boechera Species**
Bakin E., Sezer F., Özbilen A., Kılıç I., Üner B., Rayko M., Taşkın K. M., Brukhin V.
PLANTS-BASEL, vol.11, no.3, pp.1-17, 2022 (SCI-Expanded)
- II. **Synthesis of SMZ derivatives and investigation of effects on germination, root, and plant growth of Arabidopsis thaliana L.**
GÜNGÖR T., CÖMERT ÖNDER F., SEZER F., ÖZBİLEN A., TAŞKIN K. M., AY M.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.4, pp.1123-1140, 2019 (SCI-Expanded)
- III. **Identification of reference genes for real-time quantitative polymerase chain reaction based gene expression studies on various Olive (Olea europaea L.) tissues**
Hurkan K., SEZER F., ÖZBİLEN A., TAŞKIN K. M.
JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, vol.93, no.6, pp.644-651, 2018 (SCI-Expanded)
- IV. **Structure and expression of dna methyltransferase genes from apomictic and sexual Boechera species**
Taskin K. M., ÖZBİLEN A., SEZER F., HURKAN K., GUNES S.
COMPUTATIONAL BIOLOGY AND CHEMISTRY, vol.67, pp.15-21, 2017 (SCI-Expanded)
- V. **Genome-wide identification and expression analysis of SWI1 genes in Boechera species**
SEZER F., Yuzbasioglu G., ÖZBİLEN A., TAŞKIN K. M.
COMPUTATIONAL BIOLOGY AND CHEMISTRY, vol.62, pp.75-81, 2016 (SCI-Expanded)
- VI. **Determination of the expression levels of DNA methyltransferase genes during a highly efficient regeneration system via shoot organogenesis in the diploid apomict Boechera divaricarpa**
Taşkın K. M., Özbilen A., Sezer F., Çördük N., Erden D.
PLANT CELL TISSUE AND ORGAN CULTURE, vol.121, no.2, pp.335-343, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Improving the Adventitious Rooting Ability of Hard-to-Root Olive (Olea europaea L.) Cultivar Cuttings Through Inhibiting Strigolactone Biosynthesis**
Özbilen A., Sezer F., Taşkın K. M.
Frontiers in Life Sciences and Related Technologies (Online), vol.3, no.3, pp.135-137, 2022 (Peer-Reviewed Journal)
- II. **Comparative Expression Profiles of SUVH7 in Sexual and Apomict Boechera spp. Display Differential Expression**
Özbilen A., Taşkın K. M.
International Journal of Innovative Approaches in Agricultural Research, vol.6, no.2, pp.112-128, 2022 (Peer-Reviewed Journal)
- III. **Identification and Bioinformatic Analysis of CAMTA Genes in Olive (Olea europaea L.)**
Özbilen A.
International Journal of Innovative Approaches in Science Research , vol.6, no.2, pp.64-78, 2022 (Peer-Reviewed Journal)
- IV. **Angiospermlerde Genomik Damgalama**
ÖZBİLEN A.

Refereed Congress / Symposium Publications in Proceedings

- I. **THE STRIGOLACTONE AND KARRIKIN SIGNALING PATHWAYS IN PRUNUS SPECIES; AN IN SILICO ANALYSIS OF THE D14 ?/? HYDROLASE PROTEIN FAMILY, DWARF14 (D14) AND KARRIKIN INSENSITIVE2 (KAI2) GENES**
Sezer F., ÖZBİLEN A., Sapmaz U., TAŞKIN K. M.
6th International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 5 - 08 September 2018, pp.127
- II. **Zeytin (Olea europaea L.) Çelik Köklenmesi ve İn Vitro Tohum Çimlenmesi Üzerine Strigolaktonların Etkileri**
ÖZBİLEN A., SEZER F., HÜRKAN K., TAŞKIN K. M.
VI. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Adana, Turkey, 5 - 07 October 2017
- III. **Zeytin (Olea europaea L.) Dokularında Real-Time Kantitatif Polimeraz Zincir Reaksiyonu Temelli Gen Anlatım Çalışmalarında Kullanılmak Üzere Referans Genlerin Belirlenmesi**
HÜRKAN K., SEZER F., ÖZBİLEN A., TAŞKIN K. M.
VI. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Adana, Turkey, 5 - 07 October 2017
- IV. **Molecular characterization of olive Strigolactone biosynthesis genes**
TAŞKIN K. M., ÖZBİLEN A., SEZER F., Hürkan K.
2nd International Congress on Strigolactones, Torino, Italy, 27 - 30 March 2017, pp.106
- V. **Expression analysis of the genes involved in strigolactone biosynthesis in olive**
TAŞKIN K. M., ÖZBİLEN A., Sezer F., Hürkan K.
2nd International Congress on Strigolactones, Torino, Italy, 27 - 30 March 2017, pp.98
- VI. **Apomikt ve Seksüel Boechera Türleri Genomlarında SUVH Histon Metiltransferaz Genlerinin Karekterize Edilmesi**
EROĞLU Ö., ÖZBİLEN A., TAŞKIN K. M.
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.240
- VII. **DNA Methyltransferase Activities During in vitro Conditions of Diploid Apomict Boechera divaricarpa**
ÖZBİLEN A., TAŞKIN K. M.
8th PhD School on Plant Development, Retzbach, Zelligen, Germany, 7 - 09 October 2015, pp.26
- VIII. **The Identification of an Imprinted Gene YUC10 in Sexual and Apomict Boechera Species**
ÖZBİLEN A., TAŞKIN K. M.
International Workshop on Green Biotechnology, Kocaeli, Turkey, 21 - 23 September 2015, pp.69
- IX. **Apomikt Boechera divaricarpa Doku Kültürlerinde DNA Metiltransferaz Gen Anlatımlarının Belirlenmesi**
ÖZBİLEN A., TAŞKIN K. M.
22. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı), Eskişehir, Turkey, 23 - 27 June 2014, pp.324
- X. **In Silico and Molecular Characterization of Some Paternally Expressed Imprinted Genes in Sexual and Apomict Boechera Species**
ÖZBİLEN A., TAŞKIN K. M.
European Frontiers of Plant Reproduction Research 2013, Oslo, Norway, 2 - 04 October 2013, pp.64-65
- XI. **Keten (Linum usitatissimum) EST Veri Tabanlarında Korunmuş MikroRNA ve Hedef Genlerinin Biyoinformatik Olarak Belirlenmesi**
SEZER F., ÖZBİLEN A., GÜNEŞ Ş., ÖZCAN N., TÜRE D., KONUK E., TAŞKIN K. M.,
21. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı), İzmir, Turkey, 1 - 04 September 2012, pp.722-723

Supported Projects

Taşkın K. M., Sezer F., Özbilen A., TÜBİTAK International Bilateral Joint Cooperation Program Project, Boechera Genusu Üyelerinde Apomixis İlişkili Genlerin Filogenetik ve Fonksiyonel Analizi, 2020 - 2023

Taşkın K. M., TUBİTAK Project, Zeytin (Olea Europaea L.) Fitosterol Biyosentezini Kontrol Eden Moleküler Mekanizmaların Ve İçeriklerinin Karşılaştırılmalı Olarak Araştırılması, 2018 - 2021

Taşkın K. M., TÜBİTAK - AB COST Project, Zeytin (Olea Europaea L.) Strigolakton Biyosentezine Katılan Genlerin Belirlenmesi Ve BitkiBüyüme Düzenleyicisi Olarak Etkilerinin İncelenmesi, 2016 - 2019

Taşkın K. M., Özbilen A., TUBİTAK Project, Zeytin'de E Vitamini Biyotentez Genlerinin Moleküler Karakterizasyonu, 2013 - 2014

Scientific Refereeing

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, June 2020

Metrics

Publication: 21
Citation (WoS): 15
Citation (Scopus): 16
H-Index (WoS): 2
H-Index (Scopus): 3

Scholarships

2211-A Genel Yurtiçi Doktora Bursu, TUBİTAK, 2017 - 2019

Awards

ÖZBİLEN A., Üstün Başarı Belgesi, Hacettepe Üniversitesi Fen-Edebiyat Fakültesi, June 2008