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International Researcher IDs

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Publons / Web Of Science ResearcherID: M-2853-2014

ScopusID: 35389412700

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Education Information

Post Doctorate, Washington State University, College Of Agricultural, Human, And Natural Resource Sciences, Department Of Plant Pathology, United States Of America 2010 - 2012

Doctorate, Gaziantep University, Institute Of Science, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, Turkey 2006 - 2010

Postgraduate, Gaziantep University, Institute Of Science, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, Turkey 2004 - 2006

Undergraduate, Gaziantep University, Faculty Of Arts And Sciences, Biyoloji, Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Evolution of Infectious Diseases Workshop, Colorado State University, 2011

Education Management and Planning, Genome Assembly / Special Training, The University of Arizona, 2011

Education Management and Planning, The use of Molecular Tools in Studying Host-Pathogen Interactions, International Centre for Genetic Engineering and Biotechnology, 2007

Education Management and Planning, Practical Bioinformatics Workshop, Harran and Cornell Universities, 2006

Education Management and Planning, Course of DNA Markers and Applications in Plant Breeding, Çukurova Üniversitesi, 2006

Dissertations

Doctorate, Yabani ve kültüre alınan *Cicer spp.*'de *Ascochyta* Yanıklık etmeni *Didymella rabiei* (Anamorf: *Ascochyta rabiei*)'nin genetik, ekolojik ve patojenik açıdan popülasyon analizleri, Gaziantep University, Fen Bilimleri Enstitüsü, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, 2010

Postgraduate, Nohut antraknozu etmeni *ascochyta rabiei* (pass.) labr. izolatlarının moleküler karakterizasyonları, Gaziantep University, Fen Bilimleri Enstitüsü, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, 2006

Research Areas

Life Sciences, Bioinformatics, Population Biology, Evolution, Population Genetics, Natural Sciences

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2019 - Continues
Assistant Professor, Canakkale Onsekiz Mart University, Moleküler Biyoloji Ve Genetik Bölümü, 2018 - 2020
Assistant Professor, Canakkale Onsekiz Mart University, Moleküler Biyoloji Ve Genetik Bölümü, 2011 - 2018
Other, Washington State University, College Of Agricultural, Human, And Natural Resource Sciences, Department Of Plant Pathology, 2010 - 2012

Courses

Genomics, Undergraduate, 2023 - 2024
Computational Biology and Bioinformatics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Computational Biology and Phylogenetics, Postgraduate, 2023 - 2024, 2022 - 2023
Biostatistics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Population and Evolutionary Genetics, Postgraduate, 2023 - 2024
Genetics, Genomics and Evolution, Postgraduate, 2023 - 2024, 2019 - 2020
Molecular Evolution, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Bioinformatics and Data Analyses in Molecular Biology, Postgraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019
Molecular Plant Pathology, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **MicroRNA cross-talk between Monilinia fungal pathogens and peach host**
Arslan K., Özkılınç H.
PHYTOPARASITICA, vol.52, no.29, pp.1-16, 2024 (SCI-Expanded)
- II. **A case study of the effect of temperature on aggressiveness in the Monilinia-peach pathosystem**
Fidanoğlu B. T., MESTAV B., ÖZKILINÇ H.
European Journal of Plant Pathology, vol.167, no.1, pp.1-10, 2023 (SCI-Expanded)
- III. **Genome-Wide Discovery of Structural Variants Reveals Distinct Variant Dynamics for Two Closely Related Monilinia Species**
DURAK M. G., ÖZKILINÇ H.
GENOME BIOLOGY AND EVOLUTION, vol.15, no.6, 2023 (SCI-Expanded)
- IV. **Phylogenetic divergences in brown rot fungal pathogens of Monilinia species from a worldwide collection: inferences based on the nuclear versus mitochondrial genes**
Silan E., Ozkilinc H.
BMC ECOLOGY AND EVOLUTION, vol.22, no.119, pp.1-12, 2022 (SCI-Expanded)
- V. **Genetic diversity assessments of brown rot pathogen Monilinia fructicola based on the six simple sequence repeat loci**
GÜVEN H., Everhart S. E., De Miccolis Angelini R. M., ÖZKILINÇ H.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.128, no.6, pp.1459-1465, 2021 (SCI-Expanded)
- VI. **A novel approach for in vitro fungicide screening and the sensitivity of Monilinia populations from peach orchards in Turkey to respiratory inhibitor fungicides**
Durak M. R., Arslan K., Silan E., Yildiz G., ÖZKILINÇ H.
CROP PROTECTION, vol.147, 2021 (SCI-Expanded)

- VII. **Pan-Mitogenomics Approach Discovers Diversity and Dynamism in the Prominent Brown Rot Fungal Pathogens**
Yildiz G., Özkılınç H.
FRONTIERS IN MICROBIOLOGY, vol.12, 2021 (SCI-Expanded)
- VIII. **Species diversity, mating type assays and aggressiveness patterns of *Monilinia* pathogens causing brown rot of peach fruit in Turkey**
ÖZKILINÇ H., YILDIZ G., SILAN E., ARSLAN K., GÜVEN H., ALTINOK H. H., Altındag R., DURAK M. R.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.157, no.4, pp.799-814, 2020 (SCI-Expanded)
- IX. **First characterization of the complete mitochondrial genome of fungal plant-pathogen *Monilinia laxa* which represents the mobile intron rich structure**
Yildiz G., ÖZKILINÇ H.
SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)
- X. **The most recent status of genetic structure of *Didymella rabiei* (*Ascochyta rabiei*) populations in Turkey and the first genotype profile of the pathogen from the wild ancestor, *Cicer reticulatum***
ÖZKILINÇ H., Can C.
PHYTOPARASITICA, vol.47, no.2, pp.263-273, 2019 (SCI-Expanded)
- XI. **Molecular phylogenetic species in *Alternaria* pathogens infecting pistachio and wild relatives**
ÖZKILINÇ H., SEVINC U.
3 BIOTECH, vol.8, no.5, 2018 (SCI-Expanded)
- XII. **Contrasting species boundaries between sections *Alternaria* and *Porri* of the genus *Alternaria***
ÖZKILINÇ H., Rotondo F., Pryor B. M., Peever T. L.
PLANT PATHOLOGY, vol.67, no.2, pp.303-314, 2018 (SCI-Expanded)
- XIII. **Pathogenicity, Morpho-Species and Mating Types of *Alternaria* spp. causing *Alternaria* blight in *Pistacia* spp. in Turkey**
ÖZKILINÇ H., SARPKAYA K., Kurt S., Can C., Polatbilek H., Yasar A., SEVINC U., Uysal A., KONUKOGLU F.
PHYTOPARASITICA, vol.45, no.5, pp.719-728, 2017 (SCI-Expanded)
- XIV. **A NEW DISEASE OF GRASSPEA (*LATHYRUS SATIVUS*) CAUSED BY *ASCOCHYTA LENTIS* var. *LATHYRI***
Infantino A., Zaccardelli M., Costa C., ÖZKILINÇ H., Habibi A., Peever T.
JOURNAL OF PLANT PATHOLOGY, vol.98, no.3, pp.541-548, 2016 (SCI-Expanded)
- XV. **Population structure and reproductive mode of *Didymella fabae* in Syria**
ÖZKILINÇ H., Thomas K., Abang M., Peever T. L.
PLANT PATHOLOGY, vol.64, no.5, pp.1110-1119, 2015 (SCI-Expanded)
- XVI. **Aggressiveness of eight *Didymella rabiei* isolates from domesticated and wild chickpea native to Turkey and Israel, a case study**
ÖZKILINÇ H., Frenkel O., Shtienberg D., Abbo S., Sherman A., Kahraman A., Can C.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.131, no.3, pp.529-537, 2011 (SCI-Expanded)
- XVII. **Development, characterization and linkage analysis of microsatellite loci for the *Ascochyta* blight pathogen of faba bean, *Didymella fabae***
ÖZKILINÇ H., Akamatsu H., Abang M., Thomas K., Chilvers M. I., Peever T. L.
JOURNAL OF MICROBIOLOGICAL METHODS, vol.87, no.1, pp.128-130, 2011 (SCI-Expanded)
- XVIII. **A comparative study of Turkish and Israeli populations of *Didymella rabiei*, the *ascochyta* blight pathogen of chickpea**
ÖZKILINÇ H., Frenkel O., Abbo S., Eshed R., Sherman A., Shtienberg D., Ophir R., Can C.
PLANT PATHOLOGY, vol.59, no.3, pp.492-503, 2010 (SCI-Expanded)
- XIX. **Ecological Genetic Divergence of the Fungal Pathogen *Didymella rabiei* on Sympatric Wild and Domesticated *Cicer* spp. (Chickpea)**
Frenkel O., Peever T. L., Chilvers M. I., ÖZKILINÇ H., Can C., Abbo S., Shtienberg D., Sherman A.
APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol.76, no.1, pp.30-39, 2010 (SCI-Expanded)
- XX. **First Report of *Ascochyta rabiei* Causing *Ascochyta* Blight of *Cicer pinnatifidum***
Can C., ÖZKILINÇ H., Kahraman A., Özkan H.
Plant Disease, vol.91, no.7, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Molecular phylogeny of *Fusarium oxysporum* species complex isolated from eggplant and pepper in Turkey**
ALTINOK H. H., TANYOLAÇ M. B., Ates D., CAN C., ÖZKILINÇ H.
AGROFOR International Journal, vol.4, no.3, pp.91-99, 2019 (Peer-Reviewed Journal)
- II. **Characterization of *Cryphonectria parasitica* From Native Chestnut Trees in Kaz Mountain (Mount Ida)**
ÖZKILINÇ H., Kozma Z., Pekdemir B., Gulnar B.
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.35, no.1, pp.38-45, 2018 (Peer-Reviewed Journal)
- III. **Molecular identification of *Fusarium* spp causing wilt of chickpea and the first report of *Fusarium redolens* in Turkey**
TEKEOĞLU M., ÖZKILINÇ H., TUNALI B., KÜSMENOĞLU İ., Chen W.
Mediterranean Agricultural Sciences, vol.30, no.1, pp.27-33, 2017 (Peer-Reviewed Journal)
- IV. **Screening fungicide resistance of *Alternaria* pathogens causing alternaria blight of pistachio in Turkey Türkiye’de antepfistiği’nda *Alternaria* yanıklık etmeni *alternaria* patojenlerinin fungusit direncinin incelenmesi**
ÖZKILINÇ H., Kurt S.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.27, no.4, pp.543-549, 2017 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **First step to understand thermal adaptation in the fungal pathogen *Monilinia fructicola***
Kadioğlu İ. E., Özkılınç H.
Ecology And Evolutionary Biology Symposium, İstanbul, Turkey, 17 - 19 July 2023, pp.68
- II. **LncRNAs in the Regulation of Cross-Kingdom Interactions: Example from the *Monilinia*-Peach Pathosystem**
Fidanoğlu B. T., Özkılınç H.
Mechanisms of Intercellular and Inter-Organismal Communication Via RNA. COST Action CA20110/exRNA-PATH, Paris, France, 11 - 12 September 2023, pp.9
- III. **The First Insights on the Complex Regulations Between ‘miRNAs × lncRNAs’ in *Monilinia* Fungal Pathogens and Peach Host Interactions**
Fidanoğlu B. T., Özkılınç H.
Mechanisms of Intercellular and Inter-Organismal Communication Via RNA, Paris, France, 11 - 12 September 2023, pp.10
- IV. **Prediction of Long non-Coding RNAs in *Monilinia* Fungal Pathogens and First Insights on Mito-LncRNAs**
Fidanoğlu B. T., Özkılınç H.
9th Ecology and Evolutionary Biology Symposium, İstanbul, Turkey, 17 - 19 July 2023, pp.32
- V. **A Study on Phylogenies of Homing Endonuclease Genes Found in Mitochondrial Genomes of *Monilinia* Species**
Öncel S., Özkılınç H.
9th. Ecology and Evolutionary Biology Symposium, İstanbul, Turkey, 17 - 19 July 2023, pp.18
- VI. **Directed laboratory evolution to induce DMI-fungicide resistance in fungal pathogen.”**
Durak M. R., Arslan K., Fidanoğlu B. T., Öncel S., Özkılınç H.
8th Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 7 - 09 September 2022, pp.23
- VII. **Temperature Dependent Infection Risk of Plant Diseases: Peach-*Monilinia* spp. Pathosystem as a Model**
Fidanoğlu B. T., Mestav B., Özkılınç H.
8th Ecology and Evolutionary Biology , Ankara, Turkey, 7 - 09 September 2022, pp.33

- VIII. **Mobile Elements in Mitochondrial Genomes of Monilinia Fungal Pathogens**
Yıldız G., Özkılınç H.
Ecology and Evolutionary Biology Symposium, İstanbul, Turkey, 16 - 21 August 2021, pp.36
- IX. **The Mitochondrial Genome of the Pathogen Monilinia laxa from Peach**
Yıldız G., Özkılınç H.
Applied Bioinformatics in Life Sciences, Leuven, Belgium, 13 - 14 February 2020, pp.140
- X. **An overview on Monilinia pathogens the causal agent of brown rot disease of peach considering the pathogen populations from Turkey**
Silan E., Arslan K., Yildiz G., Durak M. R., Özkılınç H.
Fungal Symposium 2019, Kiel, Germany, 2 - 04 September 2019, pp.14
- XI. **Mating Type Assays of Monilinia Pathogens in Turkey**
Silan E., Yıldız G., Arslan K., Durak M. R., Özkılınç H.
Fungal Symposium, Kiel, Germany, 2 - 04 September 2019, pp.15
- XII. **Mt-Genome wide G-quadruplex prediction of four different phytopathogenic fungi**
Arslan K., Durak M. R., Özkılınç H.
Fungal Symposium, Kiel, Germany, 2 - 04 September 2019, pp.6
- XIII. **Determination of Introns Within Mt-Genomes Of Different Phytopathogenic Fungal Species**
Arslan K., Durak M. R., Özkılınç H.
7th Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 10 - 12 July 2019, pp.69
- XIV. **Monilinia fructicola from peach in Canakkale, a molecular approach to characterize the pathogen**
ÖZKILINÇ H., Kozma Z.
INTERNATIONAL AGRICULTURAL, BIOLOGICAL LIFE SCIENCE CONFERENCE, 2 - 05 September 2018
- XV. **Population Genetic Analysis of Didymella rabiei from chickpea and wild relatives in Turkey**
ÖZKILINÇ H., CAN C.
International Conference On Agriculture, Forest. Food, Veterinary Sciences and Technologies, İzmir-Çeşme, Turkey, 2 - 05 April 2018
- XVI. **PHYLOGENETIC SPECIES CONCEPT IN FUNGAL PLANT PATHOGENS: A STUDY ON ASCOCHYTA PATHOGENS**
ÖZKILINÇ H.
6th INTERNATIONAL MOLECULAR BIOLOGY and BIOTECHNOLOGY CONGRESS, Afyon, Turkey, 22 - 25 December 2017
- XVII. **Optical Mapping of Fusarium oxysporum f. sp. melongenae Genome**
TANYOLAÇ M. B., ATEŞ D., özkuru e., Ferik F., ALTINOK H. H., CAN C., ÖZKILINÇ H.
International Green Biotechnology Congress, İstanbul, Turkey, 11 - 13 September 2017, pp.49
- XVIII. **Evolutionary history and species boundaries of the citrus brown spot fungus**
Stewart J. E., ÖZKILINÇ H., Timmer L., Pryor B. M., Peever T. L.
APS Annual Meeting, United States Of America, 1 - 04 August 2011, vol.101, pp.171
- XIX. **Population structure and mating system of the faba bean pathogen, Didymella fabae (anamorph: Ascochyta fabae), in Syria**
ÖZKILINÇ H., Akamatsu H., Abang M., Thomas K., Chilvers M. I., Peever T. L.
APS Annual Meeting, United States Of America, 1 - 04 August 2011, vol.101, pp.135
- XX. **Cicer spp-Didymella rabiei interactions in agricultural and natural ecosystems.**
ÖZKILINÇ H., Frenkel O., Abbo S., Shtienberg D., Sherman A., Can C.
5th International Food Legumes Research Conference (IFLRC V) and 7th European Conference on Grain Legumes (AEP VII), Turkey, 1 - 04 April 2010, pp.66

Supported Projects

ÖZKILINÇ H., Silan E., Project Supported by Higher Education Institutions, Dünya çapındaki bir koleksiyondan Monilinia kahverengi çürüklük patojenlerinin nükleer ve mitokondriyal filogenileri, 2019 - 2021

Özkilinc H., TUBITAK Project, 2018 - 2021

ÖZKILINÇ H., GÜVEN H., Project Supported by Higher Education Institutions, Basit Dizi Tekrar Lokusları ile Şeftalide Kahverengi Çürüklüğe Sebep Olan Monilinia Patojenlerinin Kıyaslamalı Populasyon Genetik Analizleri, 2018 - 2019

UYSAL PALA Ç., ÖZKILINÇ H., ÖZSOY N., Project Supported by Higher Education Institutions, Sofralık Siyah Zeytin İşleme Sürecinde Mikotoksik Fungal Türlerin Moleküler Karakterizasyonu ve Toksin Oluşturma Potansiyelleri, 2015 - 2019

ÖZKILINÇ H., TUBITAK Project, Identification of genetic variation by DNA sequence-based comparative genomics of Fusarium oxysporum isolates through Next Generation Sequencing (NGS) method, determination of phylogenetic relationships and comparison of genes for pathogen effector protein, 2015 - 2018

ÖZKILINÇ H., TUBITAK Project, NOHUTTA ASCOCHYTA YANIKLIĞI ETMENLERİNİN POPULASYON KARAKTERİZASYONU VE MOLEKÜLER İŞARETLEYİCİLER KULLANILARAK BU ETMENLERE KARŞI DAYANIKLI GENOTİPLERİN ARAŞTIRILMASI, 2013 - 2016

ÖZKILINÇ H., TUBITAK Project, Türkiye’de Antepfıstığı (Pistacia vera) ve diğer Pistacia Türlerinde Alternaria Yanıklık Hastalığına Neden Olan Alternaria spp.’nin Moleküler ve Patojenik Karakterizasyonları ve Hastalık Epidemiyoloji, 2013 - 2016

PALA A., UYSAL H., ÖZKILINÇ H., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik bölümü öğrenci ve araştırma altyapısına genetik ve genomik kapasitesi kazandırılması, 2014 - 2015

TÜMER T., ÖZKILINÇ H., UYSAL Y., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Eğitim-Öğretim ve Araştırma Altyapısına Protein Tabanlı Moleküler Tekniklerin Uygulanması İçin Gerekli Kapasitenin Kazandırılması, 2012 - 2015

UYSAL H., ÖZKILINÇ H., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Araştırma Altyapısına Örnek Hazırlama, Saklama, Koruma ve Sterilizasyon Kapasitesi Kazandırılması, 2012 - 2015

ÖZKILINÇ H., Other International Funding Programs, Collaborative Research: Estimating speciation/reticulation boundaries in asexual Alternaria: a genomics approach, 2009 - 2013

ÖZKILINÇ H., TUBITAK Project, Güneydoğu Anadolu Bölgesi’nde yetiştiriciliği yapılan nohutta zararlı antraknoz hastalığı etmeni Ascochyta rabiei (Pass) Labr.’nin genetik ve patojenik varyasyonlarının belirlenmesi, 2004 - 2008

Activities in Scientific Journals

Phytoparasitica, Editor, 2021 - Continues

Scientific Refereeing

PLANT PATHOLOGY JOURNAL, SCI Journal, May 2024

MITOCHONDRION, SCI Journal, January 2024

PLANT PATHOLOGY JOURNAL, SCI Journal, January 2024

PLANT PATHOLOGY JOURNAL, SCI Journal, June 2023

PLANT PATHOLOGY JOURNAL, SCI Journal, September 2022

FRONTIERS IN PLANT SCIENCE, SCI Journal, June 2022

PLANT PATHOLOGY JOURNAL, SCI Journal, February 2022

FRONTIERS IN MICROBIOLOGY, SCI Journal, September 2021

PLANT PATHOLOGY JOURNAL, SCI Journal, August 2019

Metrics

Publication: 59

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