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Personal Information

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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, Colorada 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, Population Biology, Evolution, Population Genetics, Natural Sciences

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2020 - 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

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. R., Özkılınç H.
GENOME BIOLOGY AND EVOLUTION, vol.15, no.6, pp.1-11, 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 ofMoniliniapathogens causing brown rot of peach fruit in Turkey**
ÖZKILINÇ H., YILDIZ G., SILAN E., ARSLAN K., GÜVEN H., ALTINOK H. H., Altindag 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., Chılvers 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 fungisit 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. **An overview on Monilinia pathogens the causal agent of brown rot disease of peach considering the pathogen populations from Turkey**
Sılan E., Arslan K., Yildiz G., Durak M. R., ÖZKILINÇ H.
Fungal Symposium 2019, Germany, 2 - 04 September 2019

II. **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

III. **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

IV. **PHYLOGENETIC SPECIES CONCEPT IN FUNGAL PLANT PATHOGENS: A STUDY ON ASCOCHYTA PATHOGENS**
ÖZKILINÇ H.
6th INTERNATIONAL MOLECULAR BIOLOGYand BIOTECHNOLOGY CONGRESS, Afyon, Turkey, 22 - 25 December 2017

V. **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

VI. **Kuru gıda örneklerinden mikotoksik fungal türlerin izolasyonu ve moleküler yöntemlerle tanımlanması.**
ÖZSOY N., Ünal S., ÖZKILINÇ H., PALA Ç.
Pamukkale Gıda Sempozyumu III: Kurutulmuş ve Yarı Kurutulmuş Gıdalar, Denizli, Turkey, 13 - 15 May 2015

VII. **PHENOLICS ANTIOXIDANT AND ANTIMICROBIAL POTENTIALS OF SHERBETS FROM FLOWERS OF ALTHAE ROSEA AND HIBISCUS SYRIACUS**
ŞEHİTOĞLU M. H., PALA Ç., ÖZKILINÇ H., ÖZBEK Z.
Workshop on Determining Antioxidants as Reactive Species Scavengers, İstanbul, Turkey, 27 October - 28 January 2014, pp.55

VIII. **Antioxidant and Antimicrobial Potentials of Sherbets From Flowers of Althae rosea and Hibiscus syriacus**
ŞEHİTOĞLU M. H., PALA Ç., ÖZKILINÇ H., ÖZBEK Z.
Workshop on Determining Antioxidants as Reactive Species Scavengers, 27 October - 28 July 2014

Supported Projects

ÖZKILINÇ H., Sılan E., Project Supported by Higher Education Institutions, Dünya çapındaki bir koleksiyondan Monilinia kahverengi çürüklük patojenlerinin nükleer ve mitokondriyal filogenileri, 2019 - 2021
Özkilinç 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, Idendification of genetic variation by DNA sequence-based comparative genomics of Fusarium oxysporum isolates through Next Generation Sequencing (NGS) method, detemination 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

Metrics

Publication: 46
Citation (WoS): 81
Citation (Scopus): 74
H-Index (WoS): 5
H-Index (Scopus): 5