

## Prof. Dr. AHMET İPEK

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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### Eğitim Bilgileri

Doktora, University of Wisconsin-Madison, Ziraat Fakültesi, Amerika Birleşik Devletleri 1997 - 2002

Yüksek Lisans, University of Wisconsin-Madison, Amerika Birleşik Devletleri 1995 - 1997

Lisans, Çukurova Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Türkiye 1987 - 1991

### Yabancı Diller

İngilizce, C1 İleri

### Yaptığı Tezler

Doktora, Introduction of an Ac/Ds Based Two-Element Transposon Tagging System and Trans-Activation of Ds in Carrot (*Daucus carota* L.), University of Wisconsin-Madison, Ziraat Fakültesi, 2002

Yüksek Lisans, Transformation Of Activator (ac) And Dissociation (ds), Maize Transposable Elements, Into The Genome Of Carrot (*daucus Carota* L.), University of Wisconsin-Madison, 2002

### Akademik Unvanlar / Görevler

Prof. Dr., Bursa Uludağ Üniversitesi, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2018 - Devam Ediyor

Doç. Dr., Bursa Uludağ Üniversitesi, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2013 - 2018

Yrd. Doç. Dr., Bursa Uludağ Üniversitesi, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2007 - 2011

Öğretim Görevlisi, Bursa Uludağ Üniversitesi, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2005 - 2007

Araştırma Görevlisi, Bursa Uludağ Üniversitesi, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2002 - 2005

Araştırma Görevlisi, University of Wisconsin-Madison, College Of Agriculture And Life Sciences, Horticulture, 2001 - 2002

### Yönetilen Tezler

İPEK A., Biberde TSWV dayanımının yerli kopya biber çeşitlerine moleküler işaretleyiciler kullanılarak aktarılması, Yüksek Lisans, O.Çoban(Öğrenci), 2021

İPEK A., TSWV virüsüne dayanıklı yerli pembe domates çeşitlerinin moleküler işaretleyiciler kullanılarak geliştirilmesi,

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İPEK A., Havuç (daucus carota l.) bitkisinde rf lokusu ile bağlantılı snp moleküler işaretleyicilerin gbs yöntemi kullanılarak belirlenmesi ve doğrulanması, Doktora, S.Teoman(Öğrenci), 2019

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İPEK A., Zeytinde (Olea europaea L.) yeni nesil DNA dizileme teknolojisi ile geliştirilen SNP moleküler işaretleyicilerine dayalı genetik haritanın oluşturulması, Yüksek Lisans, K.YILMAZ(Öğrenci), 2016

İPEK A., Hıyarda (Cucumis sativus L.) kabak sarı mozayik virüsü (ZYMV)'ne karşı dayanıklılığı kontrol eden genle bağlantılı moleküler işaretleyicilerin belirlenmesi, Doktora, H.ÖZGÜR(Öğrenci), 2015

İPEK A., SSR moleküler işaretleyicileri kullanılarak Türkiye'de yetiştiriciliği yapılan soğan çeşitleri arasındaki genetik ilişkinin belirlenmesi, Yüksek Lisans, E.KANBUR(Öğrenci), 2015

İPEK A., Havuç bitkisinde sitoplazmik genetik erkek kısırılığı kontrol eden hücre çekirdeğinde yer alan genlerin genetik haritasının AFLP markırları kullanılarak belirlenmesi, Yüksek Lisans, D.ÇELİK(Öğrenci), 2014

İPEK A., Sarımsakta (Allium sativum L.) düşük sıcaklıkta depolama uygulamasından farklı etkilenen aday genlerin cDNA-AFLP yöntemi ile belirlenmesi, Yüksek Lisans, Ö.GÜNAYDIN(Öğrenci), 2011

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Characterization of phytochemical and functional properties of endemic edible Allium tuncelianum and comparison with commonly cultivated garlic, onion and leek crops**  
İpek M., Cansev A., Şahan Y., İpek A., Altınseker Acun D. Z.  
European Food Research and Technology, cilt.249, sa.4, ss.1113-1123, 2023 (SCI-Expanded)
- II. **Selection of salt tolerant lines at cell level using gamma ray with callus and suspension culture techniques in black carrots (Daucus carota L. ssp. sativus var. atrorubens Alef.)**  
TURAN BÜYÜKDİNÇ D., Kantoğlu K. Y., Kuşvuran Ş., İPEK A., KARATAŞ A., Ellialtıoğlu Ş. Ş.  
Applied Radiation and Isotopes, cilt.190, 2022 (SCI-Expanded)
- III. **Identification of SNP markers linked to Rf locus in carrot using GBS**  
Teoman Duran S., İpek A.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, cilt.46, sa.6, ss.898-907, 2022 (SCI-Expanded)
- IV. **Genetic variation and relationships between Azerbaijani and Turkish olive genetic resources**  
TEOMAN DURAN S., Aghayeva S., Akparov Z., Mammadov A., Asgarova R., Uslu O. Y., Kirikoglu O., Duran U. T., İPEK M., BARUT E., et al.  
MOLECULAR BIOLOGY REPORTS, cilt.49, sa.6, ss.5209-5217, 2022 (SCI-Expanded)
- V. **Identification of SNP markers linked to Rf locus in carrot using GBS**  
Duran S. T., İpek A.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, cilt.46, sa.6, ss.898-907, 2022 (SCI-Expanded)
- VI. **Genotype-Dependent Gene Expression in Strawberry (Fragaria x ananassa) Plants Under High Temperature Stress**  
Kesici M., İPEK A., ERSOY F., ERGİN S., GÜLEN H.  
BIOCHEMICAL GENETICS, cilt.58, sa.6, ss.848-866, 2020 (SCI-Expanded)
- VII. **Transcriptome-based SNP discovery by GBS and the construction of a genetic map for olive**  
İPEK A., İPEK M., ERCİŞLİ S., Tangu N. A.  
FUNCTIONAL & INTEGRATIVE GENOMICS, cilt.17, sa.5, ss.493-501, 2017 (SCI-Expanded)
- VIII. **Assessment of Genetic Relationship Among Male and Female Fig Genotypes Using Simple Sequence Repeat (SSR) Markers.**  
Teoman Duran S., İpek A., Ertürk Ü., İpek M., Barut E.  
Notulae Botanicae Horti Agrobotanici Cluj-Napoca, cilt.45, sa.1, ss.172-178, 2017 (SCI-Expanded)
- IX. **Assessment of Genetic Relationship among Male and Female Fig Genotypes Using Simple Sequence Repeat (SSR) Markers**  
Teoman S., İPEK M., ERTÜRK Ü., Aktepe Tangu N., Durgut E., BARUT E., ERCİŞLİ S., İPEK A.

NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, cilt.45, sa.1, ss.172-178, 2017 (SCI-Expanded)

- X. **Genetic Diversity Assessment of Garlic Clones with SSR Markers**  
İpek A., İpek M., Simon P.  
HORTSCIENCE, cilt.51, 2016 (SCI-Expanded)
- XI. **Effects of Different Temperatures on Some Biochemical Contents in Garlic Bulbs**  
İPEK M., CANSEV A., İPEK A., Koccat S., CANSEV M.  
HORTSCIENCE, cilt.51, sa.9, 2016 (SCI-Expanded)
- XII. **SNP Discovery by GBS in Olive and the Construction of a High-Density Genetic Linkage Map**  
İPEK A., Yilmaz K., Sikici P., Tangu N. A., ÖZ A. T., Bayraktar M., İPEK M., Gulen H.  
BIOCHEMICAL GENETICS, cilt.54, sa.3, ss.313-325, 2016 (SCI-Expanded)
- XIII. **Genetic variation within the purple carrot population grown in Eregli District in Turkey**  
İPEK A., TÜRKMEN Ö., Fidan S., İPEK M., Karci H.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, cilt.40, sa.4, ss.570-576, 2016 (SCI-Expanded)
- XIV. **Effects of high temperature stress on enzymatic and nonenzymatic antioxidants and proteins in strawberry plants**  
ERGİN S., GÜLEN H., Kesici M., TURHAN E., İPEK A., KÖKSAL N.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, cilt.40, sa.6, ss.908-917, 2016 (SCI-Expanded)
- XV. **Development of AFLP markers associated with zucchini yellow mosaic virus resistance in cucumber (*Cucumis sativus* L.)**  
Sigva H. O., Firat A. F., Hazarhun G., İPEK A.  
TURKISH JOURNAL OF BOTANY, cilt.39, sa.6, ss.982-1003, 2015 (SCI-Expanded)
- XVI. **Development and validation of new SSR markers from expressed regions in the garlic genome**  
İPEK M., Sahin N., İPEK A., CANSEV A., Simon P. W.  
SCIENTIA AGRICOLA, cilt.72, sa.1, ss.41-46, 2015 (SCI-Expanded)
- XVII. **Testing the utility of matK and ITS DNA regions for discrimination of *Allium* species**  
İPEK M., İPEK A., Simon P. W.  
TURKISH JOURNAL OF BOTANY, cilt.38, sa.2, ss.203-212, 2014 (SCI-Expanded)
- XVIII. **Quantitative Seasonal Changes in the Leaf Phenolic Content Related to the Alternate-Bearing Patterns of Olive (*Olea europaea* L. cv. Gemlik)**  
Mert C., BARUT E., İpek A.  
JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, cilt.15, sa.5, ss.995-1006, 2013 (SCI-Expanded)
- XIX. **Heat-stress Tolerance of Some Strawberry (*Fragaria x ananassa*) Cultivars**  
Kesici M., Gulen H., ERGİN S., TURHAN E., İPEK A., KÖKSAL N.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, cilt.41, sa.1, ss.244-249, 2013 (SCI-Expanded)
- XX. **Variation in Flower Bud Differentiation and Progression of Floral Organs with Respect to Crop Load in Olive**  
MERT C., BARUT E., İPEK A.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, cilt.41, sa.1, ss.79-85, 2013 (SCI-Expanded)
- XXI. **Proteins in strawberry plants (*Fragaria x ananassa* Duch.) under heat stress**  
Ergin S., Gulen H., TURHAN E., İPEK A., KÖKSAL N., Kesici M.  
NEW BIOTECHNOLOGY, cilt.29, 2012 (SCI-Expanded)
- XXII. **S-RNase based S-genotyping of Croatian sweet cherry (*Prunus avium* L.) genotypes**  
Ercisli S., Radunic M., Gadze J., İpek A., Skaljic M., Cmelik Z.  
Scientia Horticulturae, cilt.139, ss.21-24, 2012 (SCI-Expanded)
- XXIII. **Assessment of inter- and intra-cultivar variations in olive using SSR markers**  
İPEK A., BARUT E., Gulen H., İPEK M.  
SCIENTIA AGRICOLA, cilt.69, sa.5, ss.327-335, 2012 (SCI-Expanded)
- XXIV. **Genetic relationships among olive (*Olea europaea* L.) cultivars native to Croatia and Turkey**  
Ercisli S., Bencic D., İpek A., BARUT E., Liber Z.  
Journal of Applied Botany and Food Quality, cilt.85, sa.2, ss.144-149, 2012 (SCI-Expanded)
- XXV. **SSR Marker-Based DNA Fingerprinting and Cultivar Identification of Olives (*Olea europaea*)**

- ERCİŞLİ S., İPEK A., BARUT E.  
BIOCHEMICAL GENETICS, cilt.49, ss.555-561, 2011 (SCI-Expanded)
- XXVI. **Determination of self-incompatibility groups of sweet cherry genotypes from Turkey**  
Ipek A., Gulen H., Akcay M. E., Ipek M., Ergin S., Eris A.  
GENETICS AND MOLECULAR RESEARCH, cilt.10, sa.1, ss.253-260, 2011 (SCI-Expanded)
- XXVII. **Assessment of genetic relationships among 29 introduced and 49 local sweet cherry accessions in Turkey using AFLP and SSR markers**  
Gulen H., İPEK A., Ergin S., Akcay M. E., Eris A.  
JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, cilt.85, sa.5, ss.427-431, 2010 (SCI-Expanded)
- XXVIII. **GENETIC DIVERSITY AMONG SOME CURRANTS (RIBES SPP.) CULTIVARS AS ASSESSED BY AFLP MARKERS**  
İPEK A., BARUT E., Gulen H., İPEK M.  
PAKISTAN JOURNAL OF BOTANY, cilt.42, sa.2, ss.1009-1012, 2010 (SCI-Expanded)
- XXIX. **Genetic diversity among some blackberry cultivars and their relationship with Boysenberry assessed by AFLP Markers**  
İPEK A., BARUT E., Gulen H., İPEK M.  
AFRICAN JOURNAL OF BIOTECHNOLOGY, cilt.8, sa.19, ss.4830-4834, 2009 (SCI-Expanded)
- XXX. **Molecular characterization of olive cultivars using amplified fragment length polymorphism markers**  
Ercisli S., BARUT E., Ipek A.  
Genetics and Molecular Research, cilt.8, sa.2, ss.414-419, 2009 (SCI-Expanded)
- XXXI. **DISTRIBUTION OF OLIVE (OLEA EUROPAEA L.) GENOTYPES IN THE SOUTHERN MARMARA REGION OF TURKEY**  
BARUT E., İPEK A., Gulen H.  
PAKISTAN JOURNAL OF BOTANY, cilt.41, sa.3, ss.1077-1080, 2009 (SCI-Expanded)
- XXXII. **SSR analysis demonstrates that olive production in the southern Marmara region in Turkey uses a single genotype**  
Ipek A., BARUT E., Gulen H., Oz A. T., Tangu N. A., Ipek M.  
GENETICS AND MOLECULAR RESEARCH, cilt.8, sa.4, ss.1264-1272, 2009 (SCI-Expanded)
- XXXIII. **Genetic characterization of Allium tuncelianum: An endemic edible Allium species with garlic odor**  
Ipek M., İPEK A., Simon P. W.  
SCIENTIA HORTICULTURAE, cilt.115, sa.4, ss.409-415, 2008 (SCI-Expanded)
- XXXIV. **Molecular characterization of Kastamonu garlic: An economically important garlic clone in Turkey**  
Ipek M., İPEK A., Simon P. W.  
SCIENTIA HORTICULTURAE, cilt.115, sa.2, ss.203-208, 2008 (SCI-Expanded)
- XXXV. **Rapid characterization of garlic clones with locus-specific DNA markers**  
İPEK M., İPEK A., Simon P. W.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, cilt.32, sa.5, ss.357-362, 2008 (SCI-Expanded)
- XXXVI. **Characterization of an unusual cytoplasmic chimera detected in bolting garlic clones**  
Ipek M., Ipek A., Senalik D., Simon P. W.  
JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, cilt.132, sa.5, ss.664-669, 2007 (SCI-Expanded)
- XXXVII. **Genetic transformation of an Ac/Ds-based transposon tagging system in carrot (Daucus carota L.)**  
Ipek A., Masson P., Simon P. W.  
European Journal of Horticultural Science, cilt.71, sa.6, ss.245-251, 2006 (SCI-Expanded)
- XXXVIII. **Sequence homology of polymorphic AFLP markers in garlic (Allium sativum L.)**  
Ipek M., Ipek A., Simon P. W.  
GENOME, cilt.49, sa.10, ss.1246-1255, 2006 (SCI-Expanded)
- XXXIX. **Association of reversible inactivation of the maize transposable element Ds with tissue-specific processing of the 35S : TPase transcript in carrot (Daucus carota L.)**  
Ipek A., Ipek M., Simon P. W.  
JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, cilt.81, sa.5, ss.819-826, 2006 (SCI-Expanded)

**XL. Demonstration of linkage and development of the first low-density genetic map of garlic, based on AFLP markers**

Ipek M., Ipek A., Almquist S., Simon P.

THEORETICAL AND APPLIED GENETICS, cilt.110, sa.2, ss.228-236, 2005 (SCI-Expanded)

**XLI. Comparison of AFLPs, RAPD markers, and isozymes for diversity assessment of garlic and detection of putative duplicates in germplasm collections**

Ipek M., Ipek A., Simon P. W.

JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, cilt.128, sa.2, ss.246-252, 2003 (SCI-Expanded)

## **Metrikler**

Yayın: 80

Atf (WoS): 470

Atf (Scopus): 493

H-İndeks (WoS): 13

H-İndeks (Scopus): 13