

## Assoc. Prof. FATİH HANCI

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### International Researcher IDs

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ORCID: 0000-0002-2015-0351

Publons / Web Of Science ResearcherID: AAG-4931-2020

ScopusID: 55547916000

Yoksis Researcher ID: 281222

## Education Information

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- I. Doctorate, Nigde Omer Halisdemir University, Institute Of Science, Tarımsal Genetik Mühendisliđi, Turkey 2011 - 2016
- II. Postgraduate, Gaziosmanpaşa Üniversitesi, Fen Bilimleri Enstitüsü, Bahçe Bitkileri , Turkey 2005 - 2008

## Foreign Languages

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- I. English, B2 Upper Intermediate

## Certificates, Courses and Trainings

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- I. Other, Genetic and Breeding, Ljubljana University / Slovenia, 2016
- II. Other, Collection, Identification and Conservation of Plant Genetic Resources and Gene-Bank Management, University of Wisconsin Madison / USA, 2014
- III. Other, Breeding for Abiotic Stress Tolerance in Vegetables", Plymouth University / United Kingdom, 2011

## Dissertations

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- I. Doctorate, Soğan (*Allium cepa* L.) Islah Programında Aday Hatların Oluşturulması ve Moleküler Karakterizasyonu, Niğde Ömer Halisdemir Üniversitesi, Fen Bilimleri Enstitüsü, Tarımsal Genetik Mühendisliđi, 2016

## Research Areas

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Agricultural Sciences, Agriculture, Garden Plants, Vegetable Breeding and Breeding, Cool Climate Vegetables

## Academic Titles / Tasks

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- I. Associate Professor, Erciyes University, Ziraat Fakültesi, Bahçe Bitkileri, 2021 - Continues

II. Assistant Professor, Erciyes University, Ziraat Fakültesi, Bahçe Bitkileri, 2018 - 2021

## Academic and Administrative Experience

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- I. Deputy Head of Department, Erciyes University, Ziraat Fakültesi, Bahçe Bitkileri, 2020 - Continues
- II. Birim Kalite Komisyonu Üyesi, Erciyes University, Ziraat Fakültesi, Bahçe Bitkileri, 2019 - Continues

## Courses

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- I. Bahçe Bitkilerinin Beslenme Fizyolojisi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- II. Sebzeçilikte Yeni Gelişmeler, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
- III. Bahçe Bitkileri, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
- IV. Bahçe Bitkilerinde Araştırma-Deneme Metotları, Doctorate, 2021 - 2022
- V. Plant Reproductive Biology and Polyploidy, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020
- VI. Bahçe Bitkilerinde Araştırma-Deneme Tekniği, Postgraduate, 2021 - 2022
- VII. Kışlık Sebzeler, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- VIII. Bahçe Bitkilerinde Bilimsel Araştırma ve Yayın Etiği, Doctorate, 2020 - 2021, 2019 - 2020
- IX. SEBZECİLİKTE TOHUM TEKNOLOJİSİ, Postgraduate, 2020 - 2021
- X. BİLİMSEL ARAŞTIRMA VE YAYIN ETİĞİ, Postgraduate, 2020 - 2021
- XI. Sebze Tohum Teknolojisi, Undergraduate, 2020 - 2021
- XII. Bahçe Bitkilerinde Projelendirme Teknikleri, Undergraduate, 2020 - 2021
- XIII. Physiology of Flowering, Postgraduate, 2019 - 2020
- XIV. SEBZECİLİKTE TOHUM ÜRETİMİ, Doctorate, 2018 - 2019
- XV. Tarımsal Genetik ve Islah, Associate Degree, 2017 - 2018
- XVI. Bahçe Bitkilerinin Islahı, Associate Degree, 2017 - 2018

## Advising Theses

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- I. Hancı F., Determination of Morphological, Molecular, Biochemical and Bioactive Properties of Allium Genetic Resources (Onion, Garlic, Leek) of Kelkit Basin, Doctorate, E.PAŞAZADE(Student), Continues
- II. Hancı F., EFFECT of MELATONIN on LEEK SEEDLINGS UNDER LOW TEMPERATURE CONDITIONS, Postgraduate, A.Hussein(Student), Continues
- III. Hancı F., Determination of Biochemical and Bioactive Contents of Some Local Jerusalem artichoke (Helianthus tuberosus L.) Genotypes, Postgraduate, Z.İNAN(Student), Continues
- IV. Hancı F., Determination of Biochemical and Bioactive Contents of Some Local Leek Genotypes, Postgraduate, H.YILDIRIM(Student), Continues
- V. Hancı F., "Kayseri/Develi Koşullarında, Farklı Yetiştiricilik Tekniklerinin Soğan'ın (Allium cepa L.) Bitki Gelişimi ve Verim Değerleri Üzerine Etkileri", Postgraduate, E.ATAŞ(Student), 2022
- VI. Hancı F., Tuz stresi altında melatonin uygulamalarının Soğan'ın (Allium cepa L.) verim ve kalite parametreleri üzerine etkileri, Postgraduate, F.YAĞMUR(Student), 2019

## Jury Memberships

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- I. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, June, 2024
- II. Doctoral Examination, Doctoral Examination, Niğde Ömer Halisdemir Üniversitesi, January, 2024
- III. Doctorate, Doctorate, Erciyes Üniversitesi, August, 2023

- IV. Post Graduate, Post Graduate, Erciyes Üniversitesi, July, 2023
- V. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, December, 2022
- VI. Doctorate, Doctorate, Niğde Ömer Halisdemir Üniversitesi, December, 2022
- VII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Niğde Ömer Halisdemir Üniversitesi, December, 2022
- VIII. Doctorate, Doctorate, Erciyes Üniversitesi, October, 2022
- IX. Doctorate, Doctorate, University of Malakand, June, 2022
- X. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, June, 2022
- XI. Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2022
- XII. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, January, 2022
- XIII. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, January, 2022
- XIV. Doctoral Examination, Doctoral Examination, Niğde Ömer Halisdemir Üniversitesi, December, 2021
- XV. Post Graduate, Post Graduate, Erciyes Üniversitesi, June, 2021
- XVI. Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2021
- XVII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, January, 2021
- XVIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Niğde Ömer Halisdemir Üniversitesi, January, 2021
- XIX. Post Graduate, Post Graduate, Çukurova Üniversitesi, July, 2020
- XX. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Niğde Ömer Halisdemir Üniversitesi, July, 2020
- XXI. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, July, 2020
- XXII. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, June, 2020
- XXIII. Post Graduate, Post Graduate, Erciyes Üniversitesi, June, 2020
- XXIV. Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, June, 2020
- XXV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, May, 2020
- XXVI. Post Graduate, Post Graduate, Erciyes Üniversitesi, June, 2019
- XXVII. Post Graduate, Post Graduate, Erciyes Üniversitesi, June, 2019
- XXVIII. Doctoral Examination, Doktora Yeterlilik, Niğde Ömer Halisdemir Üniversitesi, January, 2019
- XXIX. Doctoral Examination, Doktora Yeterlilik, Niğde Ömer Halisdemir Üniversitesi, January, 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

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- I. **Jerusalem artichoke diversity in Türkiye: comparative analysis of clone and organ-based biochemical composition**  
Hancı F., İnan Z., Dalda Şekerci A., Uzun A.  
NATURAL PRODUCT RESEARCH, vol.38, no.23, pp.4175-4180, 2024 (SCI-Expanded)
- II. **A comparative biochemical characterization of Allium genetic resources of Türkiye**  
Hancı F., Paşazade E.  
GENETIC RESOURCES AND CROP EVOLUTION AN INTERNATIONAL JOURNAL, vol.1, no.1, pp.1-11, 2024 (SCI-Expanded)
- III. **Evaluation of genetic diversity of leek germplasm in Türkiye using biochemical characters**  
Hancı F., Yildirim H., DALDA ŞEKERCİ A., KARAMAN K., YILDIZ E.  
GENETIC RESOURCES AND CROP EVOLUTION, vol.71, no.1, pp.225-237, 2024 (SCI-Expanded)
- IV. **The DEMoMa: A Simple Tool for Determination of Effectiveness of Molecular Markers**  
Hancı F.  
POSTEÓPY BIOLOGII KOMÓRKI, vol.49, no.2, pp.101-106, 2022 (SCI-Expanded)
- V. **Application of Benford's law in agricultural production statistics**

Hancı F.

JOURNAL OF THE NATIONAL SCIENCE FOUNDATION OF SRI LANKA, vol.50, no.2, pp.387-393, 2022 (SCI-Expanded)

- VI. **The first assessment of genetic diversity among Turkish leek accessions using molecular and morphological markers**  
Hancı F.  
Israel Journal Of Plant Sciences, vol.69, no.1, pp.69-78, 2022 (SCI-Expanded)
- VII. **Effects of melatonin on flowering, seed yield and seed quality of onion under salt stress**  
Hancı F., Yağmur F.  
Maejo International Journal Of Science And Technology, vol.15, no.3, pp.253-260, 2021 (SCI-Expanded)
- VIII. **Detailed Morphological and Molecular Characterizations of Melon (*Cucumis melo* L.) Accessions Collected from Northern Cyprus and Turkey**  
Yılmaz N., Kaya N., Pınar H., Hancı F., Uzun A.  
Korean Journal Of Horticultural Science & Technology, vol.39, no.4, pp.471-481, 2021 (SCI-Expanded)
- IX. **Effects of Genotypic Variation And Some New Protocols on Gynogenesis Activity of Cucumber**  
Pınar H., Toprak S., Hancı F., Şimşek D.  
Fresenius Environmental Bulletin, vol.30, no.5, pp.4763-4770, 2021 (SCI-Expanded)
- X. **Does Melatonin Improve Salt Stress Tolerance in Onion Genotypes?**  
Yağmur F., Hancı F.  
Comptes Rendus De L Academie Bulgare Des Sciences, vol.74, no.3, pp.456-464, 2021 (SCI-Expanded)
- XI. **Nutritional composition of herbage of different Jerusalem artichoke genotypes**  
PINAR H., KARA K., HANCI F., KAPLAN M.  
JOURNAL OF ANIMAL AND FEED SCIENCES, vol.30, no.2, pp.141-148, 2021 (SCI-Expanded)
- XII. **Selection and identification of superior banana phenotypes from Turkey**  
Pınar H., Bircan M., Ünlü M., Türkay C., Uzun A., Ercişli S., Hancı F.  
Genetic Resources And Crop Evolution, vol.2021, no.67, pp.667-677, 2021 (SCI-Expanded)
- XIII. **Effects of melatonin on salt stressed garlic plants: Time-dependent monitoring of leaf morphology in early plant phase**  
Hancı F., Bingöl F.  
Indian Journal Of Horticulture, vol.77, no.4, pp.681-685, 2020 (SCI-Expanded)
- XIV. **A Detailed Characterization of The Common Bean Genetic Diversity in the Hidden Gene Center of Pakistan: Malakand Division**  
Nisar M., Mian A., Iqbal A., Ahmad Z., Hassan N., Laiq M., Salam M., Hancı F.  
Comptes Rendus De L Academie Bulgare Des Sciences, vol.73, no.6, pp.816-822, 2020 (SCI-Expanded)
- XV. **Relationships Among Cultivated Peas and Their Wild Relatives: Molecular And Morphological Characterization**  
Hancı F., Cebeci E.  
Bangladesh Journal Of Botany, vol.48, no.4, pp.1011-1019, 2019 (SCI-Expanded)
- XVI. **Effects of Growing Location and Cold Storage on Nutritional Values of Purple Carrot (*Daucus Carota* ssp. *sativus* var. *atrorubens* alef) Genotypes**  
Cebeci E., Hancı F.  
Applied Ecology And Environmental Research, vol.17, no.6, pp.15245-15254, 2019 (SCI-Expanded)
- XVII. **Genetic variability in peas (*Pisum sativum* L.) from Turkey assessed with molecular and morphological markers**  
HANCI F.  
FOLIA HORTICULTURAE, vol.31, no.1, pp.101-116, 2019 (SCI-Expanded)
- XVIII. **Determination of morphological variability of different pisum genotypes using principal component analysis**  
Hancı F., Cebeci E.  
LEGUME RESEARCH, vol.42, no.2, pp.162-167, 2019 (SCI-Expanded)
- XIX. **Genetic Diversity in Pakistani Soybean Genotypes and North American Ancestral Lines Using**

### **Agromorphological and RAPD Markers**

Jan M., Nisar, Nisar M., Ihsan M., Ullah F., Jan G., Hanci F.

Fresenius Environmental Bulletin, vol.28, pp.2927-2936, 2019 (SCI-Expanded)

XX. **Molecular characterization of edible pea through EST-SSR markers**

NISAR M., KHAN A., WADOOD S. F., SHAH A. A., Hanci F.

TURKISH JOURNAL OF BOTANY, vol.41, no.4, pp.338-346, 2017 (SCI-Expanded)

XXI. **Molecular Characterization of Turkish Onion Germplasm Using SSR Markers**

Hanci F., GOKCE A. F.

CZECH JOURNAL OF GENETICS AND PLANT BREEDING, vol.52, no.2, pp.71-76, 2016 (SCI-Expanded)

### Articles Published in Other Journals

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I. **Some Bioactive Components of Sweet Potato and Taro: A Comparative Study Based On Plant Organs**

Yıldız B. C., Demir E. F., Hanci F.

Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.4, pp.2315-2324, 2023 (Peer-Reviewed Journal)

II. **The Effect of Non-woven Cover and Seedling Techniques on Plant Growth and Bulb Yield of Onion**

Kara E., Hanci F.

Journal of Agricultural Production, vol.3, no.1, pp.30-34, 2022 (Peer-Reviewed Journal)

III. **A first insight into genetic diversity of Jerusalem artichoke accessions collected from different regions of Turkey assessed by ISSR markers**

Hanci F.

International Journal of Agriculture, Environment and Food Sciences, vol.5, no.4, pp.651-655, 2021 (Peer-Reviewed Journal)

IV. **Inulin Based Characterization of Turkish Jerusalem Artichokes**

Hanci F., Tuncer G., Kuzu C.

Journal of Bangladesh Agricultural University, vol.18, no.3, pp.551-556, 2020 (Peer-Reviewed Journal)

V. **Protein Profiling of Indegenous Common Bean Through SDS-PAGE**

Sher K., Nisar M., Subhan M., Hazrat A., Muhammad A., Hanci F., Fazal Z.

Bioscience Research, vol.17, no.2, pp.688-698, 2020 (ESCI)

VI. **How Do Foliar Application of Melatonin and L-Tryptophan Affect Lettuce Growth Parameters Under Salt Stress?**

Hanci F., Tuncer G.

Turkish Journal of Agriculture - Food Science and Technology, vol.8, no.4, pp.960-964, 2020 (Peer-Reviewed Journal)

VII. **L-Triptofan ve Melatonin'in Düşük ve Yüksek Sıcaklık Koşullarında Turp ve Ispanağın Tohum Çimlenme Performansına Etkileri**

HANCI F., Ünal H., Arslan A.

Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.5, pp.203-211, 2019 (Peer-Reviewed Journal)

VIII. **The Effect of L-Tryptophan and Melatonin on Seed Germination of Some Cool Season Vegetable Species Under Salinity Stress**

Hanci F.

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, pp.1879-1891, 2019 (Peer-Reviewed Journal)

IX. **Influence of L-Tryptophan and Melatonin on Germination of Onion and Leek Seeds at Different Temperatures**

Hanci F., Çingir M., Akıncı H.

Türkiye Tarımsal Araştırmalar Dergisi, vol.6, pp.214-221, 2019 (Peer-Reviewed Journal)

X. **EFFECTS OF IBA AND TRICHODERMA spp. ON ROOTING FEATURES OF Rosa Centifolia STEM CUTTINGS**

GÜLBAĞ F., Polat Z., HANCI F.

- Research in: Agricultural Veterinary Sciences, vol.3, pp.28-35, 2019 (Peer-Reviewed Journal)
- XI. **Diversity analysis of some local purple carrot accessions collected from Turkey**  
Cebeci E., HANCI F., Şimşek M.  
Gene Conserve, vol.18, pp.1-9, 2019 (Peer-Reviewed Journal)
- XII. **A simple approach to bolting tendency in purple carrot:Correlation and path analysis between some morphological and biochemical traits**  
Cebeci E., HANCI F.  
International Journal of Advanced Research in Biological Sciences, vol.6, pp.38-45, 2019 (Peer-Reviewed Journal)
- XIII. **The Genetic Regulation of Flowering Time in Pea (*Pisum sativum* L.)**  
HANCI F.  
International Journal of Agricultural and Natural Sciences, vol.1, no.2, pp.160-164, 2018 (Peer-Reviewed Journal)
- XIV. **Path and Correlation Analysis in Turkish Onion Accessions for Soluble Solid Contents**  
HANCI F., Gökçe A. F.  
Journal of Research in Agriculture and Animal Science, vol.5, pp.18-22, 2018 (Peer-Reviewed Journal)
- XV. **A Comprehensive Overview of Onion Production: Worldwide and Turkey**  
Hanci F.  
Journal of Agriculture and Veterinary Science, vol.11, no.9, pp.17-27, 2018 (Peer-Reviewed Journal)
- XVI. **Improvement of Abiotic Stress Tolerance in Onion: Selection Studies Under Salinity Conditions**  
Hanci F., Cebeci E.  
The International Journal of Engineering and Science, vol.7, no.9, pp.54-58, 2018 (Peer-Reviewed Journal)
- XVII. **Mor havuçta (*Daucus carota* ssp. *sativus* var. *atrorubens* Alef) kendilemenin tohum verim ve kalitesinin etkileri**  
Cebeci E., HANCI F.  
Akademik Ziraat, vol.6, pp.99-102, 2017 (Peer-Reviewed Journal)
- XVIII. **Hibrit Sebze Tohumu Üretimi**  
Cebeci E., HANCI F.  
Tarım Türk, vol.59, no.11, pp.44-47, 2016 (Non Peer-Reviewed Journal)
- XIX. **Patlıcan Yetiştiriciliğinde Önemli Hususlar**  
Cebeci E., HANCI F.  
Tarım Türk, vol.11, no.60, pp.46-48, 2016 (Non Peer-Reviewed Journal)
- XX. **A rapid screening method for salt stress tolerance of onion genotypes**  
HANCI F., Cebeci E., Fidancı A.  
Journal of Applied Horticulture, vol.18, no.1, pp.39-43, 2016 (Scopus)
- XXI. **Kışlık Sebze Türleri**  
Cebeci E., HANCI F.  
Tarım Türk, vol.57, no.11, pp.74-76, 2016 (Non Peer-Reviewed Journal)
- XXII. **Sebze Yetiştiriciliğinde Kullanılan Sulama Yöntemleri**  
Cebeci E., HANCI F., Üçlü G.  
Tarım Türk, vol.59, no.11, pp.100-102, 2016 (Non Peer-Reviewed Journal)
- XXIII. **Biber Tipleri ve Değerlendirme Şekilleri**  
Cebeci E., HANCI F., Yıldırım K. C.  
Tarım Türk, vol.61, no.11, pp.39-42, 2016 (Non Peer-Reviewed Journal)
- XXIV. **TUZLULUK VE KURAKLIĞIN SOĞAN YETİŞTİRİCİLİĞİNE ETKİLERİ**  
HANCI F., Cebeci E.  
Bahçe, vol.44, no.1, pp.23-29, 2015 (Peer-Reviewed Journal)
- XXV. **Comparison of Salinity and Drought Stress Effects on Some Morphological and Physiological Parameters in Onion (*Allium Cepa* L.) During Early Growth Phase**  
Hanci F., Cebeci E.  
BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, vol.21, no.6, pp.1204-1210, 2015 (Scopus)
- XXVI. **The influences of different salinity levels on germination performance of golden berry, (*Physalis peruviana* L.) seeds**

- Cebeci E., HANCI F.  
Direct Research Journal of Agriculture and Food Science, vol.3, no.2, pp.26-29, 2015 (Peer-Reviewed Journal)
- XXVII. **Soğan (*Allium cepa* L.) Yetiştiriciliği**  
Cebeci E., HANCI F.  
Agromedya, vol.15, no.3, pp.80-82, 2015 (Non Peer-Reviewed Journal)
- XXVIII. **Investigation of Proline, Chlorophyll and Carotenoids Changes Under Drought Stress in Some Onion (*Allium cepa* L.)**  
Hancı F., Cebeci E.  
Turkish Journal of Agricultural and Natural Sciences, vol.2, pp.1499-1504, 2014 (Peer-Reviewed Journal)
- XXIX. **The Effects of *Trichoderma harzianum* on Germination of Onion (*Allium cepa* L.) Seeds Under Salt Stress Conditions**  
HANCI F., Cebeci E., Polat Z.  
Research Journal of Agricultural Sciences, vol.7, no.1, pp.45-48, 2014 (Peer-Reviewed Journal)
- XXX. **Siyah Havuç (*Daucus Carota* Ssp. *Sativus* Var. *Atrorubens* Alef.) Yetiştiriciliği**  
HANCI F., Cebeci E.  
Tarım Türk Dergisi, vol.7, pp.36-40, 2012 (Non Peer-Reviewed Journal)
- XXXI. **Kastamonu Yöresinde Yetişen Bazı Kuş Kirazı (*Prunus avium* L.) Tiplerinin Çimlenme Özelliklerinin Belirlenmesi**  
HANCI F., Edizer Y., Güneş M.  
GOU Ziraat Fakültesi Dergisi, vol.26, no.1, pp.7-11, 2009 (Peer-Reviewed Journal)

## Books & Book Chapters

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- I. **A Plant: Seen by Many, Known by Few: Jerusalem Artichoke (*Helianthus tuberosus* L.)**  
Hancı F.  
in: Academic Studies in Agriculture, Forestry and Aquaculture, Şebnem Ellialtıoğlu, İlhami Tozlu, Editor, Gece Kitaplığı, Ankara, pp.2-27, 2023
- II. **1. KIŞLIK SEBZELERDE FİDE ÜRETİMİ**  
Hancı F., Ulaş F., Uysal Doğan A.  
in: Sebzelerde Fide Yetiştiriciliği, Yetiştir, Halit; Ellialtıoğlu, Şebnem, Editor, Gece Kitaplığı, İstanbul, pp.1-70, 2022

## Refereed Congress / Symposium Publications in Proceedings

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- I. **An Outlook of The World Jerusalem Artichoke Market**  
Hancı F.  
13 Th International Conference on Agriculture, Animal Science And Rural Development, Uşak, Turkey, 28 - 29 November 2023, pp.1462-1474
- II. **Comparative Biochemical Analysis of Brown And Green Pea Genotypes Grown Locally in Türkiye**  
HANCI F., YILDIZ B. C., DEMİR E. F.  
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 October 2023
- III. **TRANSPOSON ANALYZES in PLANTS UNDER ABIOTIC STRESS CONDITIONS**  
HANCI F.  
AVRASYA 6th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Tbilisi, Georgia, 09 July 2022, pp.13-24
- IV. **ESTABLISHMENT of LEEK GERMLASM: I- SAMPLE COLLECTION from KIZILIRMAK BASIN of TURKEY, and PRIMARY EVALUATION STUDIES**  
HANCI F., Tuncer G.  
MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL MEDICAL SCIENCES-

IX, Bursa, Turkey, 8 - 10 November 2019, vol.304

- V. **SOĞANDA (*Allium cepa* L.) AĞIR METALLERİN BELİRLENMESİYLE İLGİLİ YAPILMIŞÇALIŞMALARIN BİR DERLEMESİ**  
HANCI F., PINAR H.  
MAS INTERNATIONAL EUROPEAN CONFERENCEON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES- IX, Bursa, Turkey, 8 - 10 November 2019, pp.112-119
- VI. **TÜRKİYE'DE SANAYİLİK BİBER ÜRETİMİ**  
PINAR H., HANCI F.  
MAS INTERNATIONAL EUROPEAN CONFERENCEON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES- IX, 8 - 10 November 2019
- VII. **Moleküler Markörler Kullanılarak Fitoftoraya (*Phytophthora capsici* Leon) Tolerant Endüstriyel Biber Çeşitlerinin Geliştirilmesi**  
PINAR H., UZUN A., HANCI F.  
5th International Congress on Vocational and Technical Sciences, 24 - 27 January 2019
- VIII. **Moleküler Markörler Kullanılarak Fitoftoraya (*Phytophthora Capsici* Leon.) Tolerant Endüstriyel Biber Çeşitlerinin Geliştirilmesi**  
PINAR H., UZUN A., HANCI F.  
International Congress On Vocational Technical Sciences - V, Kahire, Egypt, 24 - 27 January 2019
- IX. **A Large Scale Onion (*Allium cepa* L.) Breeding Project With Several Approaches**  
GÖKÇE A. F., ÖZTÜRK GÖKÇE Z. N., Gülay B., Ünlü M., ÇELEBİ TOPRAK F., Kemikler N., Dinç İ., Sönmez İ., Polat Z., Aras V., et al.  
IHC2018: II International Symposium on Root and Tuber Crops: Value Added Crops for the Next Generation, İstanbul, Turkey, 12 - 16 August 2018, vol.665
- X. **MOLEKÜLER MARKÖRLER KULLANILARAK FİTOFTORAYA (*Phytophthora capsici* Leon.) TÖLERANT ENDÜSTRİYEL BİBER ÇEŞİTLERİNİN GELİŞTİRİLMESİ**  
PINAR H., UZUN A., HANCI F.  
INTERNATIONAL CONGRESS ON VOCATIONAL & TECHNICAL SCIENCES - V, Kahire, Egypt, 24 - 27 January 2019, pp.84-88
- XI. **The INVESTIGATION of the VARIATION in TUBER CHARACTERISTICS of JERUSALEM ARTICHOKE COLLECTED from DIFFERENT PROVINCES of TURKEY**  
HANCI F., Tuncer G.  
INTERNATIONAL CONGRESS ON VOCATIONAL & TECHNICAL SCIENCES - V, Kahire, Egypt, 24 - 27 January 2019, pp.24-34
- XII. **The Genetic Regulation of Flowering Time in Pea (*Pisum sativum* L.)**  
HANCI F.  
IV. International Agricultural Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.160-164
- XIII. **THE LEEK: AN ANALYSIS of PRODUCTION and TRADE MARKET in TURKEY and WORLD**  
HANCI F., PINAR H., UZUN A.  
V. INTERNATIONAL CONGRESS OF MATHEMATICS, ENGINEERING & NATURAL SCIENCES, Gaziantep, Turkey, 22 - 25 November 2018, pp.808-8018
- XIV. **The Effects of Different Sowing Times on the Flowering and Grain Growth Period of Pisum Genetic Resources**  
HANCI F., Cebeci E., Şimşek M.  
I. International GAP Agriculture and Livestock Congress, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.38-48
- XV. **Comparison of Different Methods to Determination of Bulb Dry Skin Color in Onion**  
HANCI F., Gökçe A. F.  
I. International GAP Agriculture and Livestock Congress, Şanlıurfa, Turkey, 24 - 27 April 2018, pp.31-37
- XVI. **Morphological Characterization of Wild Relatives and Local Varieties of Pisum Germplasm for the Establishment of a Base Collection**  
HANCI F., Cebeci E., Şimşek M.  
International Symposium on Biodiversity and Edible Wild Species, 3 - 05 April 2017



- XVII. **Male sterility applications in Allium**  
Cebeci E., HANCI F.  
International Symposium on Biotechnology and Other Omics in Vegetable Science, 29 April - 02 May 2012, pp.51-56
- XVIII. **Genetic diversity evaluation in Turkish onion (*Allium cepa* L.) genotypes: principal component analyses (PCA) for breeding strategies**  
HANCI F., GÖKÇE A. F.  
VII International Symposium on Edible Alliaceae, 21 - 25 May 2015, vol.1143, pp.227-234
- XIX. **Atatürk Bahçe Kültürleri Merkez Araştırma Enstitüsü'nde Yürütülen Mor Havuç (*Daucus carota* convar. *afganicus* Setchkarev) Islah Çalışmaları**  
Cebeci E., HANCI F., Şimşek M.  
VII. Ulusal Bahçe Bitkileri Kongresi, Turkey, 25 - 29 August 2015, vol.45, pp.325-327
- XX. **Soğan (*Allium cepa* L.) Programı İçin Aday Hatların Oluşturulması**  
HANCI F., GÖKÇE A. F.  
VII. Ulusal Bahçe Bitkileri Kongresi, Turkey, 25 - 29 August 2015, vol.45, pp.274-277
- XXI. **Soğan Islahında Kullanılan Biyoteknolojik Yöntemler**  
Cebeci E., HANCI F.  
GAP VII. Tarım Kongresi, Turkey, 28 April - 01 May 2015
- XXII. **Identification of Nucleus Types With The SNPs In Onion (*Allium cepa* L.) Hybrid Breeding**  
Cebeci E., HANCI F.  
II. International Plant Breeding Congress and Eucarpia – Oil And Protein Crops Section Conference, Antalya, Turkey, 1 - 05 November 2015, pp.289
- XXIII. **Detection of Cytoplasm and Nucleus Types With The SNPs in Onion (*Allium cepa* L.) Hybrid Breeding**  
Cebeci E., HANCI F., Havey M. J.  
II. International Conference on Sustainable Agriculture and Environment, 30 September - 03 October 2015
- XXIV. **Atatürk Bahçe Kültürleri Merkez Araştırma Enstitüsü'nde Yürütülen Mor Havuç (*Daucus carota* convar. *afganicus* Setch karev) Islah Çalışmaları**  
Cebeci E., HANCI F., Şimşek M.  
VII. Ulusal Bahçe Bitkileri Kongresi, Çanakkale, Turkey, 25 - 29 August 2015, vol.45, pp.325-327
- XXV. **Soğan (*Allium cepa* L.) Islah Programı İçin Aday Hatların Oluşturulması**  
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VII. Ulusal Bahçe Bitkileri Kongresi, Çanakkale, Turkey, 25 - 29 August 2015, vol.45, pp.274-277
- XXVI. **Sebzelerde Abiyotik Streslere Tolerans Çalışmaları: Karnabahar Örneği**  
HANCI F., Cebeci E., Rihaan H., Al-Swadi F., Fuller M.  
VII. Ulusal Bahçe Bitkileri Kongresi, Çanakkale, Turkey, 25 - 29 August 2015, vol.45, pp.171-174
- XXVII. **Genetic diversity evaluations in Turkish onion (*Allium cepa* L.) genotypes: principal component analyses (PCA) for breeding strategies**  
Hanci F., Gökçe A. F.  
VII International Symposium on Edible Alliaceae, Niğde, Turkey, 21 - 25 May 2015, vol.1143, pp.227-234
- XXVIII. **Effects of salt stress on some physiological parameters and mineral element contents of onion (*Allium cepa* L.) plants**  
HANCI F., Cebeci E., Uysal E., daşgan H. Y.  
VII International Symposium on Edible Alliaceae, Niğde, Turkey, 20 - 22 May 2015, vol.1143, pp.179-186
- XXIX. **Soğan (*Allium cepa* L.) Islahında Kullanılan Biyoteknolojik Yöntemler**  
Cebeci E., HANCI F.  
VII GAP Tarım Kongresi, Şanlıurfa, Turkey, 28 April - 01 May 2015, pp.320-323
- XXX. **Bazı Soğan (*Allium cepa* L.) Çeşitlerinin Kuraklığa Tolerans Durumlarının Belirlenmesi**  
HANCI F.  
VII GAP Tarım Kongresi, Şanlıurfa, Turkey, 28 April - 01 May 2015, pp.279
- XXXI. **Bölgesel Kalkınmada Tarımsal Faaliyetlerin Rolü: Ereğli/Karapınar-Siyah Havuç Örneği**  
Cebeci E., HANCI F., Soylu O., Şimşekli N.

- II. KOP Bölgesel Kalkınma Sempozyumu, Niğde, Turkey, 23 - 24 October 2014, pp.693-696
- XXXII. **Ereğli-Konya Yöresi Mor Havuç (*Daucus carota* con var. *afganicus* Setch karev) Üretimi, Sorunları ve Çözüm Önerileri**  
Cebeci E., HANCI F., Soylu O., Yokuş S.  
10. Sebze tarımı Sempozyumu, Tekirdağ, Turkey, 2 - 04 September 2014, pp.150
- XXXIII. **Using Different Molecular Markers for Breeding of Some Horticultural Plants. International Plant Breeding Congress**  
Atak A., Boz Y., Doğan A., Cebeci E., HANCI F., Baş M., Kaya E.  
International Plant Breeding Congress, Turkey, 10 - 14 November 2013, pp.483
- XXXIV. **Güveyfeneri (*Physalis peruviana* L.) Tohum Eksplantlarınınin vitro Kallus Oluşumu Üzerine Bazı Bitki Büyüme Düzenleyicilerinin Etkileri**  
HANCI F., Cebeci E.  
9. Sebze tarımı Sempozyumu, Konya, Turkey, 12 - 14 September 2012, pp.198-202
- XXXV. **Bazı Hormon Uygulamalarının Güvey Feneri (*Physalis peruviana* L.) Çeliklerinde Köklenmeye Olan Etkilerinin Belirlenmesi**  
Cebeci E., HANCI F., Fidancı A.  
9. Sebze tarımı Sempozyumu, Konya, Turkey, 12 - 14 September 2012, pp.26-28
- XXXVI. **Applications of genetic engineering in Allium**  
HANCI F., Cebeci E.  
International Symposium on Biotechnology and Other Omics in Vegetable Science, Antalya, Turkey, 29 April - 02 May 2012, vol.1145, pp.75-78
- XXXVII. **Effects of NaCl and CaCl<sub>2</sub> on Germination Performance of Some Local Onion (*Allium cepa* L.) Cultivars in Turkey**  
HANCI F., Cebeci E., MENDİ N. Y. Y.  
V Balkan Symposium on Vegetables and Potatoes, Tiran, Albania, 9 - 12 October 2011, vol.960, pp.203-209
- XXXVIII. **Ülkemizde Kültürü Yapılan Sarımsakların Morfolojik Özelliklere Dayalı Karakterizasyonu**  
Beşirli G., YANMAZ R., Sönmez İ., FİDAN H., HANCI F.  
VIII Sebze Tarımı Sempozyumu, Van, Turkey, 23 - 26 June 2010

## Supported Projects

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- I. HANCI F., PAŞAZADE E., Project Supported by Higher Education Institutions, Kelkit Havzası Allium Genetik Kaynaklarının (Soğan Sarımsak Pırasa) Morfolojik Moleküler Biyokimyasal ve Biyoaktif Özelliklerinin Belirlenmesi, 2021 - Continues
- II. Sağlam C., Yetişir H., Ünlükara A., Toprak A. N., Dalda Şekerci A., Çetin N., Hancı F., TUBITAK Project, Domateste Dolu Zararının Simüle Edilerek Fenolojik Dönemlere Göre Zarar Oranlarının Derin Öğrenme Yöntemiyle Belirlenmesi, 2022 - 2025
- III. Hancı F., Beşirli G., TUBITAK Project, Kışlık Sebze Yetiştiriciliğinde Hat Ve/Veya Çeşit Geliştirme, 2018 - 2025
- IV. Hancı F., Yıldız B. C., Demir E. F., Yıldız B. C., TUBITAK Project, Comparative biochemical analyzes of some locally grown vegetable species in Türkiye, 2023 - 2024
- V. Hancı F., Cebeci E., TÜBİTAK International Multi-Cooperation Project, CropsForChange: Tackling the global warming effects in crops, 2021 - 2024
- VI. Hancı F., Yıldız B. C., Demir E. F., TUBITAK Project, Comparative biochemical analyzes of some locally grown vegetable species in Türkiye, 2023 - 2023
- VII. Gülbağ F., Hancı F., Project Supported by Other Official Institutions, Melezleme yoluyla dış mekan yeni gül çeşitlerinin geliştirilmesi II, 2019 - 2023
- VIII. YILDIZ E., HANCI F., DALDA ŞEKERCİ A., KARAMAN K., TUBITAK Project, Türkiye Orjinli Pırasa Genotiplerinde Biyoaktif Bileşenlere Dayalı Varyasyonun Araştırılması, 2021 - 2022
- IX. HANCI F., DALDA ŞEKERCİ A., UZUN A., TUBITAK Project, Yerel Yer Elması Klonlarının Biyokimyasal

Karakterizasyonu: Bitki Organlarına Bağlı Biyoaktif Bileşen Analizi, 2021 - 2022

- X. Pınar H., Hancı F., Project Supported by Higher Education Institutions, İç Anadolu Bölgesi Kızılırmak Havzası Yerel Pırasa (*Allium porrum* L) Genotiplerinin Moleküler / Morfolojik Karakterizasyonu ve Seleksiyonu, 2019 - 2022
- XI. PINAR H., KARAMAN K., HANCI F., KAPLAN M., TÜBİTAK Project, Türlerarası (*Capsicum annuum* X *Capsicum frutescens*) Rekombinant Inbred biber hat(RIL)larında Meyvelerin Bazı Biyokimyasal ve Biyoaktif Özelliklerin Belirlenmesi, 2020 - 2021
- XII. PINAR H., KARAMAN K., HANCI F., KAPLAN M., TÜBİTAK Project, Türlerarası (*Capsicum annuum* X *Capsicum frutescens*) Rekombinant Inbred biber hat(RIL)larında Meyvelerin Bazı Biyokimyasal ve Biyoaktif Özelliklerin Belirlenmesi, 2020 - 2021
- XIII. HANCI F., ERDOĞAN H., Project Supported by Higher Education Institutions, Molibden ve L-Tryptophan İçeren Yeni Bir Tohum Kaplama Yönteminin Bazı Serin İklim Sebzelerinde Kullanım Olanaklarının Araştırılması, 2020 - 2021
- XIV. Hancı F., Project Supported by Higher Education Institutions, Kayseri/Develi Koşullarında Farklı Yetiştiricilik Tekniklerinin Soğanın (*Allium cepa* L) Bitki Gelişimi ve Verim Değerleri Üzerine Etkileri, 2020 - 2021
- XV. HANCI F., YAĞMUR F., Project Supported by Higher Education Institutions, Tuz Stresi Altında Melatonin Uygulamalarının Soğan ın *Allium cepa* L Verim ve Kalite Parametreleri Üzerine Etkileri, 2019 - 2021
- XVI. Yaman M., Yıldız E., Hancı F., Uzun A., Pınar H., Project Supported by Higher Education Institutions, Türkiyede yetiştiriciliği yapılan bazı badem çeşit ve genotiplerinde kendine uyumsuzluk durumlarının S allel moleküler markırlar yardımıyla belirlenmesi, 2019 - 2021
- XVII. HANCI F., UZUN A., PINAR H., GÜLŞEN O., YETİŞİR H., Project Supported by Higher Education Institutions, İç Anadolu Bölgesi Kızılırmak Havzası Yerel Pırasa (*Allium porrum* L) Genotiplerinin Moleküler / Morfolojik Karakterizasyonu ve Seleksiyonu, 2018 - 2021
- XVIII. PINAR H., GÜNEŞ A., YILMAZ N., UZUN A., HANCI F., Project Supported by Higher Education Institutions, KKTC' den Toplanan Bazı Kavun Genotiplerinin Morfolojik ve Moleküler Karakterizasyonu ile Tuza Toleranslarının Belirlenmesi, 2018 - 2021
- XIX. Hancı F., Project Supported by Higher Education Institutions, Molibden ve L-Tryptophan İçeren Yeni Bir Tohum Kaplama Yönteminin Bazı Serin İklim Sebzelerinde Kullanım Olanaklarının Araştırılması, 2020 - 2020
- XX. HANCI F., TUNCER G., PINAR H., UZUN A., Project Supported by Higher Education Institutions, Bazı Yerel Yer Elması (*Helianthus tuberosus* L.) Genotiplerinde Moleküler, Biyokimyasal Morfolojik Analizler ve Seleksiyon Çalışmaları, 2018 - 2020
- XXI. Pınar H., Uzun A., Hancı F., Chamber / Union / Professional Association, Örtü Altı Uygulamalarının Yamula Patlicanında, Verim ve Bazı Kalite Parametrelerine Etkilerinin Belirlenmesi, 2019 - 2019
- XXII. Pınar H., Uzun A., Hancı F., Chamber / Union / Professional Association, Farklı Kapyra Biber Çeşitlerinin, Kızılırmak Havzasında Performanslarının Belirlenmesi, 2019 - 2019
- XXIII. HANCI F., ÇİNGİ M., ÜNAL H., Project Supported by Higher Education Institutions, Yeni Nesil Bazı Bitki Hormonlarının Düşük Sıcaklık Koşullarında Bazı Kışlık Sebze Türlerinin Çimlenme Özellikleri Üzerine Etkilerinin İncelenmesi, 2018 - 2019
- XXIV. HANCI F., Project Supported by Other Official Institutions, Sanayiye Uygun Taze Bezelye (*Pisum sativum* L.) Yarı Yol Materyalinin Oluşturulması, 2016 - 2018
- XXV. HANCI F., Project Supported by Other Official Institutions, EREĞLİ/KONYA YÖRESİNDE YETİŞTİRİLEN MOR HAVUÇ (*Daucus carota* ssp. *Sativus* var. *atrorubens* Alef.) POPÜLASYONLARINDAN STANDART ÇEŞİT GELİŞTİRİLMESİ, 2014 - 2018
- XXVI. HANCI F., Project Supported by Other Official Institutions, Bazı Soğan (*Allium cepa* L.) Çeşitlerinin Tuza Tolerans Seviyelerinin Belirlenmesi, 2013 - 2016
- XXVII. Hancı F., Atak A., Cebeci E., Aydın B., Kaya E., Doğan A., Development Agency, Bahçe Bitkileri İslahında Biyoteknolojinin Kullanımı, 2011 - 2012

## Activities in Scientific Journals

- I. American Journal of Agriculture and Forestry (AJAF), Editor, 2018 - Continues

- II. Academic Research Journal of Agricultural Science and Research, Editor, 2018 - Continues

## Memberships / Tasks in Scientific Organizations

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- I. Bangladesh Botanical Society, Member, 2019 - Continues
- II. Bahçe Bitkileri Derneği, Member, 2014 - Continues
- III. Ziraat Mühendisleri Odası, Member, 2008 - Continues

## Scientific Refereeing

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- I. AGRONOMY, Journal Indexed in SCI-E, June 2024
- II. TUBITAK Project, 1002 - Quick Support Program, Erciyes University, Turkey, June 2024
- III. FORESTS, Journal Indexed in SCI-E, May 2024
- IV. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Erciyes University, Turkey, May 2024
- V. AGRONOMY, Journal Indexed in SCI-E, April 2024
- VI. AGRONOMY, Journal Indexed in SCI-E, March 2024
- VII. HORTICULTURAL STUDIES, Other Indexed Journal, January 2024
- VIII. BRAGANTIA, SCI Journal, December 2023
- IX. AGRONOMY, Journal Indexed in SCI-E, October 2023
- X. GENETIC RESOURCES AND CROP EVOLUTION AN INTERNATIONAL JOURNAL, Journal Indexed in SCI-E, October 2023
- XI. GENETIC RESOURCES AND CROP EVOLUTION AN INTERNATIONAL JOURNAL, Journal Indexed in SCI-E, October 2023
- XII. Project Supported by Higher Education Institutions, BAP PhD, Erciyes University, Turkey, August 2023
- XIII. TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, SCI Journal, July 2023
- XIV. Horticultural Studies, Other Indexed Journal, February 2023
- XV. TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, BATEM, Turkey, January 2023
- XVI. TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Akdeniz University, Turkey, January 2023
- XVII. GENES, Journal Indexed in SCI-E, October 2022
- XVIII. SCIENTIFIC REPORTS, SCI Journal, October 2022
- XIX. GENES, SCI Journal, June 2022
- XX. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Erciyes University, Turkey, June 2022
- XXI. TÜBİTAK International Bilateral Joint Cooperation Program Project, Azerbaijan National Academy of Sciences, ANAS Bilateral Cooperation Program, Özel Şirket, Turkey, January 2022
- XXII. International Journal of Plant & Soil Science, Other Indexed Journal, September 2021
- XXIII. Asian Plant Research Journal, Other Indexed Journal, September 2021
- XXIV. International Journal of Agricultural and Natural Sciences, Other Indexed Journal, June 2021
- XXV. World Research Journal of Agricultural Sciences, Other Indexed Journal, April 2021

## Scientific Consultations

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- I. TÜBİTAK, Project Consultancy, Erciyes University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey, 2021 - 2022

## Metrics

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Publication: 93  
Citation (WoS): 64  
Citation (Scopus): 97  
H-Index (WoS): 6  
H-Index (Scopus): 7

## Congress and Symposium Activities

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- I. International Congress On Vocational & Technical Sciences - V, Attendee, Cairo, Egypt, 2019
- II. V. International Congress On Mathematics, Engineering & Natural & Health Sciences, Attendee, Gaziantep, Turkey, 2018
- III. I. International GAP Agriculture and Livestock Congress, Attendee, Şanlıurfa, Turkey, 2018
- IV. IV. International Agriculture Congress, Attendee, Nevşehir, Turkey, 2018
- V. 7. Ulusal Bahçe Bitkileri Kongresi, Attendee, Çanakkale, Turkey, 2015
- VI. VII International Symposium on Edible Alliaceae, Attendee, Niğde, Turkey, 2015
- VII. GAP VII. Tarım Kongresi, Attendee, Şanlıurfa, Turkey, 2015
- VIII. II. KOP Bölgesel Kalkınma Sempozyumu, Attendee, Niğde, Turkey, 2014
- IX. 9. Sebze tarımı Sempozyumu, Attendee, Konya, Turkey, 2012
- X. V Balkan Symposium on Vegetables and Potatoes, Attendee, Tirane, Albania, 2011

## Awards

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- I. Hancı F., Bilim Başarı Sertifikası, Uluslararası Bilimler Akademisi, June 2022

## Coaching Duties

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## Refereeing Duties

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