

## Assoc. Prof. REFİK BOZBUĞA

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-9201-5725

Yoksis Researcher ID: 331346

### Education Information

Doctorate, The University of Leeds, United Kingdom 2013 - 2017

Postgraduate, Universiteit Gent, Belgium 2009 - 2011

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Turkey 2006 - 2007

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Characterisation of cell walls at the feeding site of *Meloidogyne incognita*, The University of Leeds, 2017

Postgraduate, The Role of Plant Defense Genes in the Establishment of Feeding Sites by Root Knot Nematodes in *Arabidopsis thaliana*., Wageningen Agricultural University, 2011

Postgraduate, Adana ilinde zeytin sineği, *Bactrocera oleae* Gmel. (Diptera:Tephritidae)'nın popülasyon takibi ve parazitotlerinin belirlenmesi, Cukurova University, Fen Bilimleri Enstitüsü, Bitki Koruma, 2007

### Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Entomology

### Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA BÖLÜMÜ, 2021 - Continues

### Academic and Administrative Experience

Fen Bilimleri Enstitüsü kurulu üyesi, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, 2022 - Continues

Head of Department, Eskisehir Osmangazi University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA BÖLÜMÜ, 2022 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Eskisehir Osmangazi University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA BÖLÜMÜ, 2022 - Continues

Fakülte Kurulu Üyesi, Eskisehir Osmangazi University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA BÖLÜMÜ, 2022 - Continues  
Head of Department, Eskisehir Osmangazi University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA BÖLÜMÜ, 2021 - Continues

## Courses

251316004 BAHÇE BİTKİLERİ ZARARLILARI(A), Undergraduate, 2022 - 2023  
251612001 GENEL MİKROBİYOLOJİ(A), Undergraduate, 2022 - 2023  
501802505 TARIMSAL NEMATOLOJİ(A), Postgraduate, 2022 - 2023  
501802001 SEMİNER(A), Postgraduate, 2022 - 2023  
501801501 BİTKİ KORUMADA ÖRNEKLEME VE DENEME YÖNTEMLERİ(A), Postgraduate, 2022 - 2023  
251514010 BİTKİ KORUMA(A), Undergraduate, 2022 - 2023  
501802503 ENTOMOPATOJEN NEMATODLAR(A), Postgraduate, 2022 - 2023  
Bitki Koruma (Zootekni), Undergraduate, 2021 - 2022  
Bitki Koruma (Bahçe Bitkileri), Undergraduate, 2021 - 2022  
501801505 İNGİLİZCE METİN İNCELEME VE MAKALE YAZIM TEKN.(A), Postgraduate, 2022 - 2023  
251611006 KARIYER PLANLAMA(A), Undergraduate, 2022 - 2023  
Bitki Koruma (Tarımsal Biyoteknoloji), Undergraduate, 2021 - 2022  
501801507 NEMATOLOJİNİN PRENSİPLERİ(A), Postgraduate, 2022 - 2023  
251215015 TARLA BİTKİLERİ ZARARLILARI(A), Undergraduate, 2022 - 2023  
BİTKİ KORUMADA ÖRNEKLEME VE DENEME YÖNTEMLERİ, Postgraduate, 2022 - 2023  
Bahçe Bitkileri Zararlıları, Undergraduate, 2021 - 2022  
251515011 ENTOMOLOJİ(A), Undergraduate, 2022 - 2023  
Bitki Koruma (Tarla Bitkileri), Undergraduate, 2021 - 2022  
Tarla Bitkileri Zararlıları, Undergraduate, 2021 - 2022  
Entomoloji, Undergraduate, 2021 - 2022  
Nematoloji, Undergraduate, 2019 - 2020

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Erciyes Üniversitesi, February, 2023  
Post Graduate, Post Graduate, Bolu Abant İzzet Baysal Üniversitesi, January, 2023  
Post Graduate, Post Graduate, Bolu Abant İzzet Baysal Üniversitesi, January, 2023  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bolu Abant İzzet Baysal Üniversitesi, January, 2023  
Post Graduate, Post Graduate, Bolu Abant İzzet Baysal Üniversitesi, April, 2022

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

- I. **Genetic diversity of *Steinernema feltiae* Filipjev, 1934 (Rhabditida: Steinernematidae) and *Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae) in potato production areas of Türkiye Türkiye'de patates üretim alanlarında, *Steinernema feltiae* Filipjev, 1934 (Rhabditida: Steinernematidae) ve *Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae) genetik çeşitliliği**  
YÜKSEL E., BOZBUĞA R., GÜMÜŞ ASKAR A., DİNÇER D., SUSURLUK İ. A., İMREN M.  
Türkiye Entomoloji Dergisi, vol.48, no.2, pp.229-238, 2024 (SCI-Expanded)
- II. ***Heterodera schachtii* (Nematoda: Heteroderidae) Associated with Cabbage-Cultivation Systems in Anatolia Region of Türkiye**

Akyol G. B., YÜKSEL E., Elçi E., BOZBUĞA R., Dababat A., İmren M., Toktay H.  
Horticulturae, vol.10, no.6, 2024 (SCI-Expanded)

- III. **Occurrence, identification, and diversity of parasitic nematodes in apple (*Malus domestica* Borkh.) orchards in the Central Anatolia Region of Türkiye**  
YÜKSEL E., İMREN M., ÖZER G., BOZBUĞA R., Dababat A. A. A., CANHİLAL R.  
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.130, no.6, pp.1331-1346, 2023 (SCI-Expanded)
- IV. **Incidence and diversity of plant-parasitic nematodes associated with wheat-cropping systems in the inner part of the Aegean Region of Turkey**  
Acan H., Yüksel E., Duman N., Öcal A., Dinçer D., Bozbuğa R., Yıldız Ş., Laasli S., Amer M., Canhilal R., et al.  
NEMATOLOGY, vol.1, no.1-12, pp.1-12, 2023 (SCI-Expanded)
- V. **Nematode-citrus plant interactions: host preference, damage rate and molecular characterization of Citrus root nematode *Tylenchulus semipenetrans***  
Bozbuga R., Yildiz S., Yuksel E., Özer G., Dababat A. A., Imren M.  
PLANT BIOLOGY, vol.25, no.6, pp.871-879, 2023 (SCI-Expanded)
- VI. **Evaluation of Entomopathogenic Nematodes against Common Wireworm Species in Potato Cultivation**  
Askar A. G., Yüksel E., Bozbuğa R., Ocal A., Kutuk H., Dincer D., Canhilal R., Dababat A. A. A., Imren M.  
PATHOGENS, vol.12, no.2, 2023 (SCI-Expanded)
- VII. **Pathogenesis-related gene *PvPR1* and *PvPR2* expression involved in *Meloidogyne incognita* parasitism and resistance reactions of common bean genotypes in host-nematode interactions**  
BOZBUĞA R., Ciftci V., YEKEN M. Z., İMREN M.  
BOTANY, no.8, pp.667-676, 2022 (SCI-Expanded)
- VIII. **Diversity and Identification of Plant-Parasitic Nematodes in Wheat-Growing Ecosystems**  
Kecici A. I., Bozbuga R., Ocal A., Yuksel E., Ozer G., Yildiz S., Lahlali R., Slaats B., Dababat A. A., Imren M.  
MICROORGANISMS, vol.10, no.8, 2022 (SCI-Expanded)
- IX. **Molecular analysis of nematode-responsive defence genes *CRF1*, *WRKY45*, and *PR7* in *Solanum lycopersicum* tissues during the infection of plant-parasitic nematode species of the genus *Meloidogyne***  
Bozbuga R.  
GENOME, vol.65, no.5, pp.265-275, 2022 (SCI-Expanded)
- X. **Insecticidal effect of entomopathogenic nematodes and the cell-free supernatants from their symbiotic bacteria against different larval instars of *Agrotis segetum* (Lepidoptera: Noctuidae)**  
Yuksel E., İMREN M., ÖZDEMİR E., BOZBUĞA R., CANHİLAL R.  
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.32, no.1, 2022 (SCI-Expanded)
- XI. **Commonalities of Molecular Response in Tomato Plants against Parasitic Nematodes**  
Bozbuğa R.  
Biology Bulletin, vol.48, no.S2, pp.12-21, 2022 (SCI-Expanded)
- XII. **Effects of temperature and duration of storage on the hatching behaviour of *Heterodera latipons* (Nematoda: Heteroderidae)**  
Tatli Y. A., Bozbuga R., Ozer G., Mokrini F., Lahlali R., Dababat A., Imren M.  
TURKISH JOURNAL OF ZOOLOGY, vol.45, no.1, pp.1-10, 2021 (SCI-Expanded)
- XIII. **Expressions of Pathogenesis related 1 (PR1) Gene in *Solanum lycopersicum* and Influence of Salicylic Acid Exposures on Host-*Meloidogyne incognita* Interactions**  
Bozbuga R.  
DOKLADY BIOCHEMISTRY AND BIOPHYSICS, vol.494, no.1, pp.266-269, 2020 (SCI-Expanded)
- XIV. **Survey of *Pasteuria*, the parasitic bacterial group to plant parasitic nematodes in Turkey**  
Ozturk L., Behmand T., Avci G. G., Bozbuga R., MİRİK M., ELEKÇİOĞLU İ. H.  
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.30, no.1, 2020 (SCI-Expanded)
- XV. **Effect of *Mi* Gene and Nematode Resistance on Tomato Genotypes Using Molecular and Screening**

## Assay

Bozbuga R., DAŞGAN H. Y., Akhoundnejad Y., İMREN M., Gunay O. C., Toktay H.  
CYTOLOGY AND GENETICS, vol.54, no.2, pp.154-164, 2020 (SCI-Expanded)

- XVI. **Host-specific signatures of the cell wall changes induced by the plant parasitic nematode, *Meloidogyne incognita***  
Bozbuga R., Lilley C. J., Knox J. P., Urwin P. E.  
SCIENTIFIC REPORTS, vol.8, 2018 (SCI-Expanded)
- XVII. **Effect of *Purpureocillium lilacinum* on Root Lesion Nematode, *Pratylenchus thornei***  
KEPENEKÇİ İ., Toktay H., Oksal E., Bozbuga R., İMREN M.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.24, no.3, pp.323-328, 2018 (SCI-Expanded)
- XVIII. **Distribution of Steinernematids and Heterorhabditids (Rhabditida: Steinernematidae and Heterorhabditidae) in the Southern Anatolia Region of Turkey**  
Canhılal R., Waeyenberge L., Toktay H., Bozbuga R., Cerintas R., Imren M.  
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.26, no.4, pp.753-759, 2016 (SCI-Expanded)
- XIX. **Identification of common bean (*Phaseolus vulgaris*) genotypes having resistance against root knot nematode *Meloidogyne incognita***  
Bozbuga R., Dasgan H. Y., Akhoundnejad Y., Imren M., Toktay H., Kasapoglu E. B.  
LEGUME RESEARCH, vol.38, no.5, pp.669-674, 2015 (SCI-Expanded)
- XX. **Identification of genetic resistance to cereal cyst nematodes; *Heterodera avenae* (Wollenweber, 1924), *Heterodera filipjevi* (Madzhidov, 1981) Stelter and *Heterodera latipons* (Franklin, 1969) in some international bread wheat germplasms**  
Imren M., Toktay H., Bozbuga R., Orakci G. E., Dababat A., ELEKÇİOĞLU İ. H.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.37, no.3, pp.277-282, 2013 (SCI-Expanded)
- XXI. **Determination of resistance against to Cereal cyst nematode, *Heterodera avenae* (Wollenweber, 1924) in some wheat germplasm**  
Imren M., Toktay H., Bozbuga R., Dababat A., ÖZKAN H., ELEKÇİOĞLU İ. H.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.37, no.2, pp.229-238, 2013 (SCI-Expanded)
- XXII. **Pathotype characterization of the cereal cyst nematode *Heterodera filipjevi* (Madzhidov, 1981) Stelter in Turkey**  
Toktay H., Imren M., Bozbuga R., Orakci G. E., Dababat A., ELEKÇİOĞLU İ. H.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.37, no.2, pp.213-219, 2013 (SCI-Expanded)
- XXIII. **Pathotype determination of the cereal cyst nematode, *Heterodera avenae* (Wollenweber, 1924) in the Eastern Mediterranean Region in Turkey**  
Imren M., Toktay H., Bozbuga R., Dababat A., ELEKÇİOĞLU İ. H.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.37, no.1, pp.13-19, 2013 (SCI-Expanded)
- XXIV. **THREAT OF TERRESTRIAL GASTROPODS DISTRIBUTING AT OLIVE AND CITRUS ORCHARDS IN ADANA PROVINCE, TURKEY**  
Bozbuga R., ELEKÇİOĞLU N. Z.  
BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, vol.14, no.4, pp.445-448, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Role of Storage Duration and Conditions on the Survival and Pathogenicity of Entomopathogenic Nematodes**  
AKI O., YÜKSEL E., İMREN M., BOZBUĞA R., CANHİLAL R.

Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.9, no.2, pp.176-185, 2023 (Peer-Reviewed Journal)

- II. **Molecular investigation of proteinase inhibitor (PI) gene in tomato plants induced by Meloidogyne species**  
BOZBUĞA R.  
Journal of Genetic Engineering and Biotechnology, vol.19, 2021 (ESCI)
- III. **Seralarda Kök Ur Nematodlarına (Meloidogyne spp.) (Nematoda: Meloidogynidae) Solarizasyon ve Toprak Fümigasyon Kombinasyonunun Etkisi**  
ÖZARSLANDAN A., Dinçer D., BOZBUĞA R.  
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.22, no.1, pp.45-51, 2019 (ESCI)
- IV. **Nevşehir İlinde Patates Kist Nematodlarının Globodera rostochiensis (Wollenweber, 1923) Skarbilovich, 1959 ve Globodera pallida Stone 1973 (Tylenchida: Heteroderidae) Belirlenmesi**  
ÖZARSLANDAN A., Dinçer D., BOZBUĞA R., İMREN M., ELEKCİOĞLU İ. H.  
Türk Tarım ve Doğa Bilimleri Dergisi, no.2, pp.125-129, 2019 (Peer-Reviewed Journal)
- V. **Alternative strategies to control root-knot nematodes (Meloidogyne spp.) with different irrigation systems in pepper greenhouses**  
TOKTAY H., İMREN M., BOZBUĞA R.  
BİTKİ KORUMA BÜLTENİ, vol.55, no.3, pp.215-224, 2015 (Peer-Reviewed Journal)
- VI. **Determining the Optimal Meloidogyne Incognita Inoculum Level, Inoculation Time, Pathogenicity and Gall Development on Tomato Roots for Resistance Experiments in Breeding Programs**  
BOZBUĞA R., İMREN M., KASAPOĞLU ULUDAMAR E. B., TOKTAY H., ELEKCİOĞLU İ. H.  
Vegetos- An International Journal of Plant Research, vol.28, no.2, pp.70-75, 2015 (Peer-Reviewed Journal)
- VII. **Meloidogyne incognita (Kofoid & White, 1919) Chitwood ve Meloidogyne hapla (Chitwood, 1949) (Nemata: Meloidogynidae) Yumurtalarının Açılmasına Farklı Uygulamaların Etkisi ve İkinci Dönem Larvalarının Beslenmeden Yaşayabilme Süreleri**  
TOKTAY H., BOZBUĞA R., İMREN M., KASAPOĞLU ULUDAMAR E. B., ELEKCİOĞLU İ. H.  
Türk Tarım ve Doğa Bilimleri Dergisi, vol.1, no.4, pp.509-515, 2014 (Peer-Reviewed Journal)
- VIII. **Pests And Natural Enemies Determined In Olive Orchards in Turkey**  
BOZBUĞA R., ELEKCİOĞLU N. Z.  
Türk Bilimsel Derlemeler Dergisi, vol.1, no.1, pp.87-97, 2008 (Peer-Reviewed Journal)
- IX. **Pests of the palm (Palmae sp.) and date palm (Phoenix dactylifera) determined in Turkey and evaluation of red palm weevil (Rhynchophorus ferrugineus Olivier) (Coleoptera:Curculionidae)**  
BOZBUĞA R., Hazır A.  
EPPO Bulletin, vol.38, pp.127-131, 2008 (Scopus)
- X. **ADANA İLİNDE ZEYTİN SİNEĞİ, BACTROCERA OLEAE GMEL. (DIPTERA: TEPHRITIDAE)'NİN POPÜLASYON TAKİBİ VE VURUK ORANLARININ TESPİTİ**  
BOZBUĞA R., ULUSOY M. R.  
FEN ve MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.17, no.8, pp.41-50, 2008 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **PLANT RESPONSES TO MELOIDOGYNE SPP. INFECTION: MORPHOLOGICAL AND MOLECULAR ALTERATIONS IN ROOT DEVELOPMENT**  
BOZBUĞA R., DUMAN N., İMREN M.  
in: BÖCEK VE NEMATODLARDA DAVRANIŞ ŞEKİLLERİ VE MÜCADELE OLANAKLARI, Kaçar Gülay, Editor, Paradigma Akademi Yayınları, pp.18-45, 2023
- II. **Host-Pathogen and Pest Interactions: Virus, Nematode, Viroid, Bacteria, and Pests in Tomato Cultivation**  
Bozbuğa R., Yalcin Ates S., Gök Güler P., Yıldız H. N., Arıdıcı Kara P., Arpacı B. B., İmren M.  
in: Tomato - From Cultivation to Processing Technology , P. Viskelis, D. Urbonavičienė, & J. Viskelis, Editor, IntechOpen, London, 2022

- III. **Genetic modification of plant hormones induced by parasitic nematodes, virus, viroid, bacteria, and phytoplasma in plant growing**  
Bozbuğa R., Arpacı B. B., Uluşık S., Gök Güler P., Yıldız H. N., Yalcin Ates S.  
in: Plant Hormones - Recent Advances, New Perspectives and Applications, Christophe Hano, Editor, IntechOpen, London, 2022
- IV. **Pests, diseases, nematodes, and weeds in strawberry plant growth and fruit ripening**  
Bozbuğa R., Uluşık S., Aridici Kara P., Yuceer S., Gunacti H., Gok Guler P., Ince E., Yıldız H. N., Tetik O.  
in: Strawberries, Nesibe Ebru Kafkas, Editor, IntechOpen, London, 2022
- V. **Molecular Host-Nematode Interactions and Tuber Development**  
Bozbuğa R., Uluşık S.  
in: Solanum tuberosum - A Promising Crop for Starvation Problem, Mustafa Yıldız and Yasin Ozgen, Editor, IntechOpen, London, pp.1-22, 2021
- VI. **Genetics, Molecular Interactions and Resistance Response of Common Bean (*Phaseolus vulgaris* L.) Genotypes to Root Knot Nematodes (*Meloidogyne* spp)**  
Bozbuğa R.  
in: Cutting-edge Research in Agricultural Sciences Vol 3, Prof Dr. Abd Elmoneim Osman Elkhalfa, Editor, Book Publisher International, London, pp.78-83, 2020

### Refereed Congress / Symposium Publications in Proceedings

- I. **Potential Use of Entomopathogenic Nematodes in the Control of *Cydia pomonella* L. (Lepidoptera: Tortricidae)**  
KAHYA D., BOZBUĞA R.  
3rd International Congress on Multidisciplinary Natural Sciences and Engineering, Ankara, Turkey, 7 - 08 December 2023, pp.62-67
- II. **Interactions Between Red Palm Weevil, *Rhynchophorus ferrugineus* (Oliver, 1790) (Coleoptera: Curculionidae), and Entomopathogenic Nematodes**  
BOZBUĞA R., KAHYA D.  
<https://www.icomnas.org/>, Ankara, Turkey, 7 - 08 December 2023, pp.228-233
- III. **Controlling of *Gryllotalpa gryllotalpa* L. (Orthoptera: Gryllotalpidae) by Entomopathogenic Nematodes**  
KAHYA D., BOZBUĞA R.  
3rd International Congress on Multidisciplinary Natural Sciences, Ankara, Turkey, 7 - 08 December 2023, pp.57-61
- IV. **OVERVIEW OF THE NEMATODE-BACTERIA-INSECT RELATIONSHIP: INSIGHTS FOR BIOLOGICAL PEST CONTROL STRATEGIES**  
BOZBUĞA R., KAHYA D.  
V. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 20 - 23 September 2023, pp.131
- V. **EVALUATING THE EFFECTS OF *Eucalyptus camaldulensis* LEAF EXTRACTS ON *Meloidogyne incognita*: LABORATORY AND GREENHOUSE EVALUATIONS FOR NEMATODE CONTROL**  
BOZBUĞA R.  
V. Balkan Agricultural Congress, 20-23 September, 2023, Edirne, Turkey, Turkey, 20 - 23 September 2023
- VI. **Current status of Interaction Between Lepidopteran Larvae and Entomopathogenic Nematodes for Pest Management Strategies**  
KAHYA D., BOZBUĞA R.  
V. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 20 - 23 September 2023, pp.132-129
- VII. **ESKİŞEHİR İLİNDE DOMATES ALANLARINDA KÖK UR NEMATODU (*MELOİDOGYNE SPP*)'NUN DURUMUNUN BELİRLENMESİ**  
BOZBUĞA R.  
2. ULUSLARARASI SELÇUK BİLİMSEL ARAŞTIRMALAR KONGRESİ, Turkey, 21 - 22 October 2023
- VIII. **THE POTENTIAL USE OF ENTOMOPATHOGENIC NEMATODES IN THE CONTROL OF SUNNPEST**

**(Eurygaster spp. (HEMIPTERA: SCUTELLARIDAE))**

KAHYA D., BOZBUĞA R.

2. ULUSLARARASI SELÇUK BİLİMSEL ARAŞTIRMALAR KONGRESİ, Turkey, 21 - 22 October 2023, pp.335-341

- IX. **THE IMPORTANCE, DAMAGE, AND POTENTIAL USE OF ENTOMOPATHOGENIC NEMATODES IN THE CONTROL OF THE MEDITERRANEAN FRUIT FLY, *Ceratitis Capitata* (WIEDEMANN) (DIPTERA: TEPHRITIDAE), IN TÜRKİYE**  
BOZBUĞA R., KAHYA D.  
2. ULUSLARARASI SELÇUK BİLİMSEL ARAŞTIRMALAR KONGRESİ, Turkey, 21 - 22 October 2023, pp.390-395
- X. **INTERACTIONS BETWEEN INSECTS IN THE COLEOPTERA ORDER AND ENTOMOPATHOGENIC NEMATODES**  
KAHYA D., BOZBUĞA R.  
2. ULUSLARARASI SELÇUK BİLİMSEL ARAŞTIRMALAR KONGRESİ, Turkey, 21 - 22 October 2023, pp.329-334
- XI. **Plant-parasitic nematodes associated with cereals in Sakarya, Turkey**  
Keçici A. İ., BOZBUĞA R., DİNÇER D., öcal a., DUMAN N., ÖZER G., YILDIZ Ş., DABABAT A., İMREN M.  
8th International Cereal Nematodes Symposium, Bolu, Turkey, 26 - 29 September 2022
- XII. **Overview of seasonal variation of field populations of *Heterodera filipjevi*, *Pratylenchus thornei* and *P. neglectus* on winter wheat in Bolu, Turkey**  
DUMAN N., BOZBUĞA R., DİNÇER D., Keçici A. İ., YILDIZ Ş., DABABAT A., İMREN M.  
8th International Cereal Nematodes Symposium, Bolu, Turkey, 26 - 29 September 2022
- XIII. **Current status of root lesion nematodes (*Pratylenchus* spp.) in Turkey**  
BOZBUĞA R., DİNÇER D., Akyol B., YÜKSEL E., DABABAT A., İMREN M.  
8th International Cereal Nematodes Symposium, Bolu, Turkey, 26 - 29 September 2022
- XIV. **Incidence of cereal nematodes in the cereal cropping system in CWANA regions: Azerbaijan, Kazakhstan, and Kyrgyzstan**  
İMREN M., BOZBUĞA R., DİNÇER D., YILDIZ Ş., DUMAN N., Keçici A. İ., ÖZER G., DABABAT A.  
8th International Cereal Nematodes Symposium, Bolu, Turkey, 26 - 29 September 2022
- XV. **Determining genes conferring resistance against nematodes in *Capsicum* spp and relationship with capsaicin**  
BOZBUĞA R., MAVİ K.  
7th International Congress of Nematology, Antibes, Nice, France, 1 - 07 May 2022
- XVI. **EUPHRESKO – MELORISK: Preventing *Meloidogyne graminicola* spread in European rice paddies**  
L. Inácio M., yabancı akademisyen 3., BOZBUĞA R.  
7th International Congress of Nematology, Antibes, Nice, France, 1 - 06 May 2022
- XVII. **Molecular nematode-viroid-fungus interface on *Celosia argentea* and *Solanum lycopersicum***  
Gok Guler P., BOZBUĞA R., Yuceer S.  
7th International Congress of Nematology, Antibes, Nice, France, 1 - 06 May 2022
- XVIII. **Plant-nematode interactions in molecular and morphological**  
BOZBUĞA R.  
2nd Global Conference on Plant Science and Agricultural Research & Global Conference on Food Science and Nutrition, Italy, 24 March 2022
- XIX. **Molecular Modifications in Root Knot Nematode(*Meloidogyne* spp)-Plant Interactions.**  
BOZBUĞA R.  
8th Plant Protection Congress with International Participation, Bolu, Turkey, 24 - 28 August 2021
- XX. **Control and Awareness Studies on Spotted wing drosophila (*Drosophila suzukii* Mats. 1931 Dip.: Drosophilidae) and Plant parasitic nematodes in The Cherry Orchards of Saimbeyli and Pozantı Districts.**  
Aridıcı Kara P., BOZBUĞA R., Büyüköztürk H. D., Durak Z., Kabasakal C., Biçer C.  
8th Plant Protection Congress with International Participation, Bolu, Turkey, 24 - 28 August 2021
- XXI. **Molecular phylogeny of Entomopathogenic nematodes (*Steinernema* spp. and *Heterorhabditis* spp.) using nuclear and mitochondrial genes**  
BOZBUĞA R., İMREN M., KAÇAR G.

Entomopathogens and Microbial Control Congress, Kayseri, Turkey, 11 - 13 September 2019

- XXII. **Investigation of Resistance against the Mediterranean Cereal Cyst Nematodes, *Heterodera latipons* in Some Barley and Wheat Germplasm**  
İMREN M., KOCA A. S., BOZBUĞA R., ÇİFTÇİ V., YILDIZ Ş., DUMAN N., TOKTAY H., KÜTÜK H.  
INTERNATIONAL AGRICULTURE CONGRESS, Moldova, 3 - 06 May 2018
- XXIII. **Molecular Evolutionary Genetic Analysis of *Heterodera* Species Using a Protein-Coding Gene**  
BOZBUĞA R., İMREN M., DABABAT A.  
7th International Cereal Nematodes Symposium, New Delhi, India, 3 - 06 November 2019
- XXIV. **GENETIC RELATIONSHIP OF XIPHINEMA SPECIES USING 5.8S RRNA GENE AND NEMATODE-TRANSMITTED VIRUSES**  
BOZBUĞA R., Gök Güler P.  
UMCAK I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR VE ARAŞTIRMALAR KONGRESİ, Şanlıurfa, Turkey, 06 September 2019
- XXV. **Using Entomopathogenic Nematodes to Control Fall Webworm, *Hyphantria cunea* Drury (Lepidoptera: Arctiidae), in Hazelnut Grove**  
KAÇAR G., BOZBUĞA R., İMREN M.  
Entomopathogens and Microbial Control Congress, Kayseri, Turkey, 11 September 2019
- XXVI. **MOLECULAR NEMATODE-VIROID INTERACTIONS ON *PETUNIA HYBRIDA***  
Gök Güler P., BOZBUĞA R.  
UMCAK I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR VE ARAŞTIRMALAR KONGRESİ, Şanlıurfa, Turkey, 6 - 08 September 2019
- XXVII. **COMPARISON OF SEVERAL RNA EXTRACTION METHODS FOR GENE EXPRESSION STUDIES IN VIROID-NEMATODE INTERACTIONS**  
Gök Güler P., BOZBUĞA R., Fıdancı B.  
UMCAK I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR VE ARAŞTIRMALAR KONGRESİ, Şanlıurfa, Turkey, 6 - 08 September 2019
- XXVIII. **CALRETİCULİN GENİ KULLANARAK MELOİDOGYNE TÜRLERİNDE MOLEKÜLER FİLOGENETİĞİ**  
BOZBUĞA R., Gök Güler P., TOKTAY H., İMREN M.  
Uluslararası Tarım, Çevre ve Sağlık Kongresi, Aydın, Turkey, 26 October 2018
- XXIX. **Molecular phylogeny of human and phyto nematode-parasites using ribosomal RNA gene**  
Gök Güler P., BOZBUĞA R.  
Uluslararası Tarım, Çevre ve Sağlık Kongresi, Aydın, Turkey, 26 - 28 October 2018
- XXX. **SOLANUM LYCOPERSİCUM'DA MOLEKÜLER-NEMATOT VİROİD PARASİTİZM İLİŞKİSİ**  
Gök Güler P., BOZBUĞA R.  
Uluslararası Tarım, Çevre ve Sağlık Kongresi, Aydın, Turkey, 26 October 2018
- XXXI. **MOLECULAR ASSOCIATION OF NEMATODE TRANSMITS VIRUS INTERACTIONS USING RIBOSOMAL RNA GENE**  
Gök Güler P., BOZBUĞA R.  
Uluslararası Tarım, Çevre ve Sağlık Kongresi, Aydın, Turkey, 26 - 28 October 2018
- XXXII. **Differences of Log<sub>2</sub> signal value of Glycoprotein genes in *Arabidopsis thaliana* after infection with *Meloidogyne incognita***  
BOZBUĞA R.  
UMCAK I., Şanlıurfa, Turkey, 6 September - 08 June 2019
- XXXIII. **Effects of *Ficus carica* leaf extracts on *Meloidogyne incognita* development in tomato plants**  
BOZBUĞA R., ÖZARSLANDAN A., Demirbaş Pehlivan H., DİNÇER D., İMREN M.  
IHC 2018 - XXX. International Horticultural Congress, İstanbul, Turkey, 12 - 16 August 2018
- XXXIV. **Analysing the viroid-nematode interactions on plant growth using molecular and screening assay**  
Gök Güler P., BOZBUĞA R., ÖNELGE N.  
IV. International Agriculture Congress, Nevşehir, Turkey, 5 - 08 July 2018
- XXXV. **Influence of *Dieffenbachia amoena* Leaf Extract on Nematode Development and Infection**  
BOZBUĞA R., DİNÇER D., ÖZARSLANDAN A., Demirbaş Pehlivan H., TOKTAY H., İMREN M.



I. International Agricultural Science Congress, Van, Turkey, 09 May 2018

- XXXVI. **Identification of Beet Cyst Nematode: *Heterodera schachtii***  
İMREN M., KOCA A. S., BOZBUĞA R., YILDIZ Ş., DUMAN N., TOKTAY H., KÜTÜK H.  
INTERNATIONAL AGRICULTURE CONGRESS, Moldova, 3 - 06 May 2018
- XXXVII. **Discovery on Distribution of Root Lesion Nematode, *Pratylenchus* spp. on Potato Growing Areas in Bolu, Turkey**  
İMREN M., KOCA A. S., BOZBUĞA R., YILDIZ Ş., DUMAN N., TOKTAY H., KÜTÜK H.  
INTERNATIONAL AGRICULTURE CONGRESS, Moldova, 3 - 06 May 2018
- XXXVIII. **Management and Control of *Heterodera schachtii* in Cabbage Fields in Niğde Province, Turkey**  
TOKTAY H., BOZBUĞA R., İMREN M.  
INTERNATIONAL AGRICULTURE CONGRESS, Moldova, 3 - 06 May 2018
- XXXIX. **Sanitary status of potato cyst nematodes *Globodera* spp. in Turkey**  
TOKTAY H., İMREN M., Evlice E., BOZBUĞA R., ULUBAŞ SERÇE Ç.  
INTERNATIONAL AGRICULTURE CONGRESS, Moldova, 3 - 06 May 2018
- XL. **Molecular and screening assay in nematode-viroid interactions in *Kalanchoe daigremontiana***  
BOZBUĞA R., Gök Güler P.  
7th INTERNATIONAL MOLECULAR BIOLOGY and BIOTECHNOLOGY CONGRESS, Konya, Turkey, 25 - 27 April 2018
- XLI. **Determining the efficiency of fumigant applications against root nematodes (*Meloidogyne* spp).**  
ÖZARSLANDAN A., BOZBUĞA R.  
1st International GAP Agriculture and Livestock Congress, Şanlıurfa, Turkey, 25 - 27 April 2018
- XLII. **Heat shock protein 90 gene in *Meloidogyne* species on molecular phylogeny**  
BOZBUĞA R., İMREN M.  
7th INTERNATIONAL MOLECULAR BIOLOGY and BIOTECHNOLOGY CONGRESS, Konya, Turkey, 25 - 27 April 2018
- XLIII. **Investigation the Resistance of Watermelon Genotypes to the Root Knot Nematode *Meloidogyne incognita* (Kofoid & White, 1919) Chitwood, 1949).**  
ÖZARSLANDAN A., BOZBUĞA R., V A.  
1st International GAP Agriculture and Livestock Congress, Şanlıurfa, Turkey, 25 - 27 April 2018
- XLIV. **Impact of *Lantana camara* leaf extract on nematode development in vivo and in vitro conditions**  
BOZBUĞA R., Demirbaş Pehlivan H., DİNÇER D., ÖZARSLANDAN A., TOKTAY H., İMREN M.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, İzmir, Turkey, 02 April 2018
- XLV. **Nematicidal effect of *Nerium oleander* extract on nematode development and function**  
BOZBUĞA R., ÖZARSLANDAN A., Demirbaş Pehlivan H., DİNÇER D.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, İzmir, Turkey, 02 April 2018
- XLVI. **Determining The Genetic Similarities Of Some *Meloidogyne* Species Using Dystrophin Gene And Using Antibodies As A Molecular Probe In Nematode-Plant Interactions**  
BOZBUĞA R.  
6TH International Molecular Biology And Biotechnology Congress, Turkey, 22 - 27 December 2017
- XLVII. **Genetic Similarities of Some *Meloidogyne* Species Using Major Sperm Protein Gene**  
BOZBUĞA R.  
6th International MOLECULAR BIOLOGY and BIOTECHNOLOGY CONGRESS, Afyon, Turkey, 22 December 2017
- XLVIII. **Nevşehir İli Patates Ekiliş Alanlarında Kist Nematodu *Globodera rostochiensis* Wollenweber (*Tylenchida: Heteroderidae*)'ın Belirlenmesi.**  
ÖZARSLANDAN A., BOZBUĞA R., DİNÇER D., İMREN M., ELEKÇİOĞLU İ. H.  
Uluslararası katılımlı İç Anadolu Bölgesi Tarım ve Gıda Kongresi, Sivas, Turkey, 26 - 28 October 2017
- XLIX. **LAHANALARDA ZARAR YAPAN ŞEKERPANCARI KİST NEMATODU (*Heterodera schachtii*)'NUN NİĞDE İLİNDE DURUMU VE MÜCADELESİ**  
TOKTAY H., BOZBUĞA R., İMREN M.  
İç Anadolu Bölgesi 3. Tarım ve Gıda Kongresi, Sivas, Turkey, 26 October 2017
- L. **EFFECT OF SOİL SOLARİZATİON AGAINST ROOT-ROT NEMATODES (*MELOİDOGYNE* SPP.) (NEMATODA: MELOİDOGYNİDAE) İN PEPPER PRODUCTION**  
ÖZARSLANDAN A., BOZBUĞA R.

İç Anadolu Bölgesi 3. Tarım ve Gıda Kongresi, Sivas, Turkey, 26 October 2017

- LI. **MOLECULAR PHYLOGENETICS OF MELOIDOGYNE SPECIES USING ORTHOLOGOUS GENES**  
BOZBUĞA R., ÖZARSLANDAN A., TOKTAY H., İMREN M.  
İç Anadolu Bölgesi 3. Tarım ve Gıda Kongresi, Sivas, Turkey, 26 - 28 October 2017
- LII. **USING RIBOSOMAL DNA SEQUENCES FOR MOLECULAR PHYLOGENETICS OF POTATO NEMATODES IN TURKEY**  
BOZBUĞA R., ÖZARSLANDAN A., İMREN M., TOKTAY H.  
İç Anadolu Bölgesi 3. Tarım ve Gıda Kongresi, Sivas, Turkey, 26 October 2017
- LIII. **Identification of Cereal Cyst Nematode, *Heterodera filipjevi*.**  
TOKTAY H., YILDIZ Ş., İMREN M., Öcal A., BOZBUĞA R., DABABAT A.  
6th International Cereal Nematodes Symposium, Aghadir, Morocco, 11 - 15 September 2017
- LIV. **Studies on the Cereal Nematodes, *Heterodera* Spp. and *Pratylenchus* Spp. in East Anatolian Region of Turkey**  
TOKTAY H., İMREN M., Öcal A., BOZBUĞA R., DABABAT A.  
12th International Symposium of the Russian Society of Nematologists, Nizhnij-Novgorod, Russia, 30 July - 06 August 2017
- LV. **IMPORTANCE OF PLANT PARASITIC NEMATODES (*HELICOTYLENCHUS MULTICINCTUS*, *H. DIHYSTERA* AND *MELOIDOGYNE* SPP. (NEMATA)) IN BANANA GROWING AREAS OF TURKEY**  
KASAPÖĞLU ULUDAMAR E. B., İMREN M., BOZBUĞA R., TOKTAY H., ELEKCİÖĞLU İ. H.  
68th International Symposium on Crop Protection, Ghent, Belgium, 17 May 2016
- LVI. **Meloidogyne incognita induced cell wall molecular architecture and role of cell wall related genes on nematode development**  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
Advances in Nematology, Londrina, Brazil, 13 December 2016
- LVII. **Determination of Genetic Diversity Among Root Knot Species Using Multi-Genes in Turkey**  
BOZBUĞA R., İMREN M., TOKTAY H., KEPENEKÇİ İ.  
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016
- LVIII. **Determining of Genetic Variations Among Root Knot Nematode Species Using Cytochrome Oxidase Subunit II Gene**  
BOZBUĞA R., İMREN M., TOKTAY H., KEPENEKÇİ İ.  
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016
- LIX. **Sera Koşullarında Entomopatojen Nematodların Sulu Süspansiyon ve Enfekte Kadavra Uygulamalarının Kök Yara Nematodu, *Pratylenchus thornei*"ye Karşı Etkinlikleri**  
KEPENEKÇİ İ., İMREN M., TOKTAY H., BOZBUĞA R.  
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Konya, Turkey, 05 September 2016
- LX. **Entomopatojen Nematodların Sulu Süspansiyon ve Enfekte Kadavra Şeklindeki Uygulamalarının Sera-Saksı Çalışmalarıyla, Patlıcanda *Meloidogyne javanica* Karşı Etkinliğinin Araştırılması**  
KEPENEKÇİ İ., İMREN M., BOZBUĞA R., TÜLEK A.  
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Konya, Turkey, 05 September 2016
- LXI. **Performances of some East Anatolian wheat lanraces and wild relatives against root-lesion nematodes (*Pratylenchus thornei* and *P. neglectus*)**  
TOKTAY H., Öcal A., İMREN M., BOZBUĞA R., DABABAT A., ELEKCİÖĞLU İ. H.  
32nd European Society of Nematologists (ESN) Symposium, Braga, Portugal, 28 August 2016
- LXII. **Meloidogyne incognita induced cell wall molecular architectures and role of cell wall genes**  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
32nd European Society of Nematologists (ESN) Symposium, Braga, Portugal, 28 August 2016
- LXIII. **Giant cell wall molecular structure and role of plant cell wall related genes on development of *Meloidogyne incognita***  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
MPMI, Portland, United States Of America, 17 July 2016
- LXIV. **CURRENT DATA ON PATHOTYPE CHARACTERISATION AND RESISTANCE REACTIONS OF CEREAL CYST**

**NEMATODES: HETERODERA AVENAE AND HETERODERA FILIPJEVI IN TURKEY**

İMREN M., TOKTAY H., KASAPÖĞLU ULUDAMAR E. B., DABABAT A., BOZBUĞA R., ELEKCİÖĞLU İ. H.

68th International Symposium on Crop Protection, Ghent, Belgium, 17 May 2016

- LXV. **GENETIC RESISTANCE TO CEREAL NEMATODES: HETERODERA SPP. AND PRATYLENCHUS SPP. IN TURKEY**  
İMREN M., TOKTAY H., KASAPÖĞLU ULUDAMAR E. B., DABABAT A., BOZBUĞA R., ELEKCİÖĞLU İ. H.  
68th International Symposium on Crop Protection, Ghent, Belgium, 17 May 2016
- LXVI. **ANALYSING THE MOLECULAR ARCHITECTURE OF NEMATODE-INDUCED GALLS BY USING ENZYME-LINKED IMMUNOSORBENT ASSAY**  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
68th International Symposium on Crop Protection, Ghent, Belgium, 17 May 2016
- LXVII. **Giant cell wall molecular architecture and functions of cell wall genes in feeding site of *Meloidogyne incognita***  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
Advances in Nematology, Londrina, Brazil, 15 December 2015
- LXVIII. **THE CEREAL CYST NEMATODES, HETERODERA AVENAE WOLLENWEBER IN TURKEY: LONG TERM RESEARCH WITH REGIONAL IMPLICATIONS**  
ELEKCİÖĞLU İ. H., İMREN M., TOKTAY H., BOZBUĞA R., KASAPÖĞLU ULUDAMAR E. B., Öcal A., DABABAT A.  
Fifth International Cereal Nematode Initiative Workshop, Ankara, Turkey, 12 - 15 September 2015
- LXIX. **OCCURRENCE AND DISTRIBUTION OF CEREAL NEMATODES IN EAST ANATOLIAN REGION OF TURKEY**  
TOKTAY H., İMREN M., Öcal A., BOZBUĞA R., Salgut Y., DEMİRBAŞ H., ELEKCİÖĞLU İ. H., DABABAT A.  
Fifth International Cereal Nematode Initiative Workshop, Ankara, Turkey, 12 - 15 September 2015
- LXX. **Status of the root-knot nematodes, *Meloidogyne* spp. (Goeldi) in Turkey**  
ELEKCİÖĞLU İ. H., KASAPÖĞLU ULUDAMAR E. B., ÖZARSLANDAN A., M S., İMREN M., MENNAN S., KAŞKAVALCI G.  
XVIII. International Plant Protection Congress, Berlin, Germany, 24 - 27 August 2015
- LXXI. **Distinct cell wall molecular architectures of feeding site of the plant parasitic nematode *Meloidogyne incognita***  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
Plant Cell Walls Gordon Research Conference From Genomes to Function, Waltham, United States Of America, 12 July 2015
- LXXII. **Contrasting cell wall molecular architecture of *Meloidogyne incognita* feeding sites in monocotyledonous and dicotyledon plants**  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
Advances in Nematology, Londrina, Brazil, 16 December 2014
- LXXIII. **Divergent cell wall molecular architecture of *Meloidogyne incognita* feeding sites in monocots and dicots**  
BOZBUĞA R., J. Lilley C., Knox P., Urwin P. E.  
Challenges for Crop Production & Quality- Annals of Applied Biology Centenary Conference, Herts, United Kingdom, 09 December 2014
- LXXIV. **Remodeling of feeding site Cell wall molecular architecture by the plant parasitic nematode *Meloidogyne incognita***  
BOZBUĞA R., J. Lilley C., Urwin P. E.  
IDB Scholars first Scientific Symposium, Cambridge, Canada, 22 May 2014
- LXXV. **Güneydoğu Anadolu Bölgesi Buğday Alanlarında Bulunan Önemli Bitki Parazit Nematod Türlerinin Belirlenmesi**  
KASAPÖĞLU ULUDAMAR E. B., İMREN M., BOZBUĞA R., TOKTAY H., ELEKCİÖĞLU İ. H.  
Türkiye V. Bitki koruma Kongresi, Antalya, Turkey, 03 February 2014
- LXXVI. **Adana ve Kahramanmaraş illerinde entomopatojen nematodların belirlenmesi**  
CANHİLAL R., İMREN M., TOKTAY H., BOZBUĞA R., ÇETİNTAŞ R., KÜTÜK H., Özdemir Y. E., Doğan S.  
Türkiye V. Bitki koruma Kongresi, Antalya, Turkey, 3 - 05 February 2014
- LXXVII. **Doğu Akdeniz Bölgesi Buğday alanlarında tahıl kist nematodu türlerinin belirlenmesi**

- TOKTAY H., İMREN M., BOZBUĞA R., Öcal A., KASAPÖĞLU ULUDAMAR E. B., DABABAT A., ELEKCİÖĞLU İ. H.  
Türkiye V. Bitki koruma Kongresi, Antalya, Turkey, 03 February 2014
- LXXVIII. **Doğu Anadolu Bölgesi Buğday Alanlarında Tahıl Kist Nematodu, (Heterodera spp.) Türlerinin Belirlenmesi**  
TOKTAY H., İMREN M., BOZBUĞA R., Öcal A., KASAPÖĞLU ULUDAMAR E. B., DABABAT A., ELEKCİÖĞLU İ. H.  
Türkiye V. Bitki Koruma Kongresi, Antalya, Turkey, 3 - 05 February 2014
- LXXIX. **Farklı Meloidogyne incognita (Kofoid & White, 1919) İnokulum Seviyelerinin in vitro Koşullarda Domates Bitkilerinde Gal Oluşumuna Etkisi**  
BOZBUĞA R., İMREN M., TOKTAY H., KASAPÖĞLU ULUDAMAR E. B., ELEKCİÖĞLU İ. H.  
Türkiye V. Bitki Koruma Kongresi, Antalya, Turkey, 3 - 05 February 2014
- LXXX. **Doğu akdeniz bölgesi koşullarında Tahıl kist nematodu Heterodera avenae'nin (Wollenweber, 1924) Buğdayda meydana getirdiği ürün kaybının belirlenmesi**  
İMREN M., BOZBUĞA R., KASAPÖĞLU ULUDAMAR E. B., TOKTAY H., ELEKCİÖĞLU İ. H.  
Türkiye V. Bitki koruma Kongresi, Antalya, Turkey, 3 - 05 February 2014
- LXXXI. **Modification of giant cell wall molecular architecture by Meloidogyne incognita**  
BOZBUĞA R., J. Lilley C., Urwin P. E.  
Advances in Nematology, Londrina, Brazil, 10 December 2013
- LXXXII. **Türkiye patates yetiştiriciliğinde sorun olan önemli nematod türleri**  
TOKTAY H., İMREN M., BOZBUĞA R., Öcal A., ELEKCİÖĞLU İ. H., Evlice E., KEPENEKÇİ İ.  
PATATES ZARARLI ORGANİZMALARINI SEMPOZYUMU, Ankara, Turkey, 4 - 07 November 2013
- LXXXIII. **Screening of International spring Wheat Germplasms against the Cereal Cyst Nematodes (Heterodera avenae) and the Root Lesion Nematodes (Pratylenchus thornei and P. neglectus) in-vitro Conditions in 2012, Turkey**  
ELEKCİÖĞLU İ. H., İMREN M., TOKTAY H., BOZBUĞA R., BRAUN H., DABABAT A.  
The 4th International Cereal Nematodes Initiative Workshop, China, 22 August 2013 - 24 August 0013
- LXXXIV. **New sources of Resistance against the Root Lesion Nematodes, Pratylenchus thornei Sher et Allen in some National and International Wheat Germplasm**  
TOKTAY H., İMREN M., BOZBUĞA R., DABABAT A., ELEKCİÖĞLU İ. H.  
The 4th International Cereal Nematodes Initiative Workshop, ÇİN HALK CUMHURİYETİ HONG KONG ÖZEL İDARİ BÖLGESİ, 22 August 2013
- LXXXV. **Efficiency of the Cre1 gene against the Mediterranean Cereal Cyst nematode, Heterodera latipons**  
İMREN M., TOKTAY H., BOZBUĞA R., DABABAT A., Nicol J. M., ELEKCİÖĞLU İ. H.  
31st International Symposium of the European Society of Nematologists, Adana, Turkey, 23 September 2012
- LXXXVI. **Determination of some Cre genes efficiency against the cereal cyst nematodes, Heterodera avenae, H. filipjevi and H. Latipons**  
İMREN M., TOKTAY H., BOZBUĞA R., DABABAT A., ÖZKAN H., ELEKCİÖĞLU İ. H.  
31th International symposium of the European society of nematologists, Adana, Turkey, 23 - 27 September 2012
- LXXXVII. **Status of cereal cyst nematodes in Turkey**  
ELEKCİÖĞLU İ. H., İMREN M., BOZBUĞA R., TOKTAY H., DABABAT A.  
31st International Symposium of the European Society of Nematologists, Adana, Turkey, 23 September 2012
- LXXXVIII. **Survival of the Root knot nematodes (Meloidogyne spp.) without feeding**  
BOZBUĞA R., TOKTAY H., İMREN M.  
31th International symposium of the European society of nematologists, Adana, Turkey, 23 - 27 September 2012
- LXXXIX. **Screening of Spring Wheat germplasm from Mexico against the Root Lesion Nematodes and Cereal Cyst nematodes under controlled conditions in Turkey**  
TOKTAY H., İMREN M., BOZBUĞA R., DABABAT A., Nicol J. M., ELEKCİÖĞLU İ. H.  
31st International Symposium of the European Society of Nematologists, Adana, Turkey, 23 - 27 September 2012
- XC. **Resistance screening of national and international spring wheat against the cereal cyst nematode (Heterodera avenae) and the root lesion nematodes (Pratylenchus thornei and P. neglectus) under controlled conditions in Turkey**  
TOKTAY H., İMREN M., BOZBUĞA R., DABABAT A., Nicol J. M., ELEKCİÖĞLU İ. H.

31st International Symposium of the European Society of Nematologists, Adana, Turkey, 23 September 2012

**XCI. Investigation of resistance against the cereal cysts nematode, *Heterodera avenae*, in wheat germplasm**

İMREN M., TOKTAY H., BOZBUĞA R., DABABAT A., ÖZKAN H., ELEKCİOĞLU İ. H.

31th International symposium of the European society of nematologists, Adana, Turkey, 23 - 27 September 2012

**XCII. Morphological Diagnostics of Cereal Cyst Nematodes**

İMREN M., KOCA A. S., BOZBUĞA R., YILDIZ Ş., DUMAN N., TOKTAY H., KÜTÜK H.

INTERNATIONAL AGRICULTURE CONGRESS, Moldova, 03 May 2018

## Supported Projects

KAHYA D., BOZBUĞA R., ÇOLAK H., Project Supported by Higher Education Institutions, Eskişehir İlindeki Park ve Peyzaj Alanlarında Zararlı Böcek Türleri ile Parazitoit Predatör ve Entomopatojen nematodların Biyoçeşitliliği Belirlenerek Sürdürülebilir Tarım İçin Potansiyel Bazı Faydalı Böceklerin Kitle Üretim Olanakları Araştırılması, 2023 - Continues  
Bozbuğa R., EU Supported Other Project, Distribution of *Meloidogyne chitwoodi* and *Meloidogyne fallax* within Europe, 2023 - 2026

Özkan K., Çömlekçioğlu N., Seke E., Ünal F., Bozbuğa R., Önder S., Kartal Y., TÜBİTAK Project, Yapay Zeka ile Sera Koşullarındaki Hıyar Yetiştiriciliğinde Bazı Hastalık Ve Zararlıların Erken Dönemde Tanısı Ve İzlenmesi, 2023 - 2025  
Bozbuğa R., Gök Güler P., İnce E., EU Supported Other Project, Inventory and validation of quality control procedures for the extraction of nucleic acids for realtime PCR used for the diagnosis of pests, 2022 - 2024

Bozbuğa R., Demirbaş Pehlivan H., Dinçer D., EU Supported Other Project, Preventing *Meloidogyne graminicola* spread in rice pads within Europe, 2022 - 2024

Bozbuğa R., Gök Güler P., Yegül M., EU Supported Other Project, Diagnosis and epidemiology of viruses infecting cereal crops, 2022 - 2024

Bozbuğa R., Gök Güler P., İmren M., Uluşık S., Dinçer D., Demirbaş Pehlivan H., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Morphological and Molecular Investigation of the Effects of Nematode (*Meloidogyne* spp.) (root knot nematodes)-Viroid Interaction on Tomato Plant, Investigation of the Effect of *Lantana camara* and Determination of Expressions of WRKY Endurance Stress Genes, 2022 - 2024

Bozbuğa R., İmren M., Özer G., Canhilal R., TÜBİTAK Project, Characterization of Root lesion (*Pratylenchus* spp.) and Root knot nematode (*Meloidogyne* spp.) populations in apple growing in Central Anatolia Region and investigation of the resistance of apple rootstocks to these nematodes at the phenotypic and molecular level, 2021 - 2024

Bozbuğa R., Yıldız N., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Domates Seralarında Farklı Toprak Uygulamalarının Hastalık-Nematod Çikışı ve Toprak Mikrobiyal Aktivitesi Üzerine Etkilerinin Araştırılması, 2021 - 2024

Bozbuğa R., Gök Güler P., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Doğu Akdeniz Bölgesi Şeftali ve Nektarin Üretim Alanlarında Sorun Olan Viroidlerin Moleküler Olarak Tanımlanması, Olası Vektörlerin Belirlenmesi ve Mücadele Olanaklarının Araştırılması, 2020 - 2024

Bozbuğa R., Demirbaş Pehlivan H., Gök Güler P., Uluşık S., İmren M., Daşgan H. Y., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Domates ve Fasulyede Zararlı Kök Ur Nematodu (*Meloidogyne incognita*)'na Dayanıklı Genotiplerin Saptanması ve Aday Genlerin Transkriptom (RNA-Seq) Analizi ile Belirlenmesi, 2020 - 2024

Bozbuğa R., Gök Güler P., İnce E., Arıdıncı Kara P., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, The importance and dissemination of integrated control on plant parasitic nematodes, pests and viral diseases that cause disease in the olive fields of Mersin Province Tarsus District, 2021 - 2022

Bozbuğa R., Arıdıncı Kara P., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Project of training and control of growers on harmful *Drosophila suzukii* (Matsumura 1931) (Diptera: Drosophilidae) and Plant parasitic nematodes in cherry fields in Saimbeyli and Pozantı Districts of Adana Province, 2021 - 2022

Bozbuğa R., Gök Güler P., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, The importance and dissemination of integrated control on disease-causing viruses, viroids and fungal diseases and plant parasitic nematodes in the fruit production areas of Tarsus, Mersin, 2021 - 2022

Bozbuğa R., İnce E., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, The importance and

dissemination of integrated control on virulent virus, virod and fungal diseases and plant parasitic nematodes in the vineyard areas of Mersin Province Tarsus District, 2021 - 2022

Bozbuğa R., Kaçar G., TUBITAK Project, Fındık Bahçelerinde Amerikan Beyaz Kelebeği'nin Mücadele Olanaklarının Araştırılması, 2018 - 2022

Bozbuğa R., Mavi K., TUBITAK Project, Capsicum Spp'de Meloidogyne incognita'ya Karşı Dayanıklılık Sağlayan, P9 Kromozomunda Bulunan Me Genlerinin (Me3, Me4, Mech1, Mech2, Me7) Farklı Moleküler Markırlar (Scar, Sscp, Caps) Kullanılarak Belirlenmesi, 2019 - 2020

Bozbuğa R., Öztürk L., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Trakya Bağ Alanlarında Nematod Türlerinde Parazit Olan Pasteuria spp. Türleri, Patojeniteleri ve Biyolojik Mücadelede Kullanılma Olanaklarının Araştırılması, 2015 - 2018

Bozbuğa R., Toktay H., TUBITAK Project, Doğu Anadolu Bölgesi Buğday Alanlarında Tahıl Kist Nematodu (Heterodera avenae Group) ve Kök Yara Nematodu (Pratylenchus Spp.) Türlerinin Belirlenmesi ve Tahıl Kist Nematodu Popülasyonlarına Ait Irkların Tespiti İle Bazı Yerel Çeşitlerin Bu Nematodlara Karşı Çoklu Dayanıklılığının Araştırılması, 2013 - 2016

Bozbuğa R., Canhilal R., TUBITAK Project, Adana ve Kahramanmaraş İllerinde Entomopatojen Nematodların Doğal Dağılımının Belirlenmesi, Morfometrik/Moleküler Karakterizasyonu ve Zabrus Spp.'xxne Karşı Etkinliklerinin Araştırılması, 2012 - 2016

Bozbuğa R., Toktay H., FP7 Project, Entegre bitki sağlığı stratejilerinin desteklenmesinde Kök-ur nematodu Meloidoyne enterolobii'nin tanımlama ve teşhisi konusunda, yeni metodların geliştirilmesi ve denenmesi, 2012 - 2016

## Scientific Refereeing

Anatolian Journal of Botany, National Scientific Refreed Journal, February 2023

PEERJ, SCI Journal, February 2023

TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, TAGEM, Turkey, November 2021

TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, TAGEM, Turkey, November 2021

TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, TAGEM, Turkey, November 2021

## Metrics

Publication: 132

Citation (WoS): 117

Citation (Scopus): 172

H-Index (WoS): 7

H-Index (Scopus): 8

## Congress and Symposium Activities

8th International Cereal Nematodes Symposium, Attendee, Bolu, Turkey, 2022

7th International Congress of Nematology, Attendee, Antibes, France, 2022

8th Plant Protection Congress with International Participation, Attendee, Bolu, Turkey, 2021

Entomopathogens and Microbial Control Congress, Invited Speaker, Kayseri, Turkey, 2019

UMCAK I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR VE ARAŞTIRMALAR KONGRESİ , Attendee, Şanlıurfa, Turkey, 2019

## Awards

Bozbuğa R., Nematology, Nematology, May 2022