

Prof. ABDURRAHMAN AYVAZ

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 33068-33051

Fax Phone: [+90 352 437 4933](tel:+903524374933)

Email: ayvaza@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/ayvaza/>

Address: ERÜ FEN FAKÜLTESİ, BİYOLOJİ BÖLÜMÜ, 38039 KAYSERİ

International Researcher IDs

ORCID: 0000-0001-5097-4434

Yoksis Researcher ID: 10922

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji Eğitimi, Turkey 1996 - 2001

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 1992 - 1995

Undergraduate, Selcuk University, Eğitim Fakültesi, , Biyoloji Öğretmenliği, Turkey 1987 - 1991

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Un Güvesi *Ephestia kuehniella* Zeller (Lepidoptera: Pyralidae) ve Yumurta Parazitoidi *Trichogramma evanescens* Westwood (Hymenoptera: Trichogrammatidae)' in Bazı Biyolojik Özellikleri Üzerine Gamma Radyasyonunun Etkileri , Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Eğitimi, 2001

Postgraduate, Kayseri İli İl Merkezi ve Civarı Orthoptera Faunasının İncelenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 1993

Research Areas

Biomolecules, Animal Physiology, Bacteriology, Molecular Biology and Genetics, Microbial Genetics

Academic Titles / Tasks

Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2014 - Continues

Associate Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2009 - 2014

Assistant Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2002 - 2009

Research Assistant, Erciyes University, Fen Fakültesi, Biyoloji, 1993 - 2002

Academic and Administrative Experience

Head of Department, Erciyes University, Fen Fakültesi, Biyoloji, 2024 - Continues
Head of Department, Erciyes University, Fen Fakültesi, Biyoloji, 2020 - Continues
Erciyes University, 2020 - Continues
Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, 2010 - 2016
Erciyes University, 2010 - 2016
Erciyes Üniversitesi, Fen Fakültesi, 2012 - 2014
Erciyes Üniversitesi, Fen Fakültesi Biyoloji, 2003 - 2011
Erciyes Üniversitesi, Fen Fakültesi Biyoloji, Biyoloji, 2003 - 2010
Erciyes Üniversitesi, Fen Fakültesi, 2006 - 2009
Erciyes University, 2003 - 2007

Courses

Microbial Physiology, Postgraduate, 2023 - 2024
Advanced Human Physiology, Doctorate, 2023 - 2024
HAYVAN FİZYOLOJİSİ, Undergraduate, 2020 - 2021
ADVANCED ENTOMOLOGY, Postgraduate, 2015 - 2016
Böcek Parazitoidlerinin in-vitro kültürleri (İngilizce), Doctorate, 2015 - 2016
Karşılaştırmalı Hayvan Fizyolojisi, Postgraduate, 2013 - 2014
PESTICIDE METABOLISM AND MODE OF ACTION, Doctorate, 2013 - 2014
İLERİ ENTOMOLOJİ, Postgraduate, 2014 - 2015
PESTİSİT METABOLİZMASI VE ETKİ ŞEKİLLERİ, Doctorate, 2013 - 2014
BÖCEK FİZYOLOJİSİ, Postgraduate, 2013 - 2014
MODERN BİYOLOJİ, Undergraduate, 2011 - 2012
ENTOMOLOJİ, Undergraduate, 2011 - 2012
GENEL BİYOLOJİ, Undergraduate, 2011 - 2012
GENEL BİYOLOJİ II LAB, Undergraduate, 2011 - 2012
HAYVAN FİZYOLOJİSİ LAB. , Undergraduate, 2011 - 2012
İNSAN ANATOMİSİ VE FİZYOLOJİSİ, Undergraduate, 2011 - 2012
MESLEKİ YABANCI DİL, Undergraduate, 2010 - 2011
BİTİRME TEZİ II, Undergraduate, 2010 - 2011
BİTİRME TEZİ I, Undergraduate, 2010 - 2011
HİDROBİYOLOJİ, Undergraduate, 2006 - 2007

Advising Theses

Ayvaz A., Atalay M. A., Comparison of Various Methods for Diagnosing Brucellosis, Postgraduate, R.Jawad(Student), 2021
Ayvaz A., Atalay M. A., Evaluation of multiplex PCR platform for Vancomycin Resistance Enterococci (VRE) from rectal swabs, Postgraduate, F.NAMEER(Student), 2020
Ayvaz A., Sağiroğlu P., Evaluation of multiplex PCR platform for screening Carbapenem Resistant Klebsiella pneumonia from rectal swabs, Postgraduate, T.YOUSIF(Student), 2020
Ayvaz A., Isolation and characterization of multi drug resistant pseudomonas aeruginosa in ramadi province of western iraq, Postgraduate, S.ABDULHAMID(Student), 2019
Ayvaz A., Shaheer Ahmed S. S. A., Investigation of colistin heteroresistance in multidrug resistant Acinetobacter baumannii, Postgraduate, S.NAHEDH(Student), 2018
Ayvaz A., BACİLLUS CİNSİNE AİT YEREL BAKTERİ İZOLATLARINDA KİTİNAZ GENLERİNİN TARANMASI VE BU İZOLATLARIN ANTİFUNGAL VE İNSEKTİSİDAL AKTİVİTELERİNİN ARAŞTIRILMASI, Postgraduate, Z.BÜŞRA(Student), 2017
Ayvaz A., Sohel M. M. H., Impact of ethanol induced oxidative stress on follicular and uterine cells in female reproductive

system, Postgraduate, M.ABDULKAREEM(Student), 2017

Ayvaz A., Çeşitli Bacillus thuringiensis Suşlarına Ait Spor Kristal Karışımlarının Un Güvesi Ephestia kuehniella'nın farklı Yaşlardaki Larvaları Üzerine Etkisinin İncelenmesi, Postgraduate, R.ABDULATEEF(Student), 2016

Ayvaz A., FARKLI FİZİKSEL KOŞULLAR ALTINDA YETİŞTİRİLEN BAZI BASILLUS THURINGIENSİS İZOLATLARININ SPOR KRİSTAL KONSANTRASYONLARININ VE PROTEİN PROFİLLERİNİN İNCELENMESİ, Postgraduate, E.ÇÖMLEKÇİ(Student), 2015

AYVAZ A., LEPİDEPTORA TAKIMINA ETKİLİ BAZI YEREL BACİLLUS THURINGIENSİS İZOLATLARINA AİT CRY GENLERİNİN KLONLANMASI KARAKTERİZASYONU VE BÖCEK ÖLDÜRÜCÜ ETKİLERİNİN BELİRLENMESİ, Doctorate, U.AZİZOĞLU(Student), 2014

AYVAZ A., BAZI BÖLGELERDEN İZOLE EDİLEN ENTOMOPATOJENİK NEMATODLARIN TEŞHİSİ VE ÇAM KESEBÖCEĞİNE (Thaumetopoea wilkinsoni Tams) KARŞI BİYOLOJİK MÜCADELEDE KULLANIM OLANAKLARININ ARAŞTIRILMASI, Doctorate, S.KARABÖRKLÜ(Student), 2012

AYVAZ A., KAHRAMANMARAŞ İLİ SINIRLARI İÇERİSİNDEKİ DEĞİŞİK HABİTATLARDAN İZOLE EDİLEN BACİLLUS THURINGIENSİS SUŞLARININ KARAKTERİZASYONU VE TARIMSAL ZARARLILAR ÜZERİNDEKİ ETKİNLİKLERİNİN ARAŞTIRILMASI, Postgraduate, S.TEKİN(Student), 2012

AYVAZ A., ÜRÜN DEPOLARINDA İZOLE EDİLEN BACİLLUS THURINGIENSİS TOKSİNLERİNİN ÇEŞİTLİ SICAKLIK VE BESLENEM KOŞULLARINDA DEPO ZARARLISI BÖCEKLER ÜZERİNE ETKİSİ, Postgraduate, N.DEMİREZEN(Student), 2010

AYVAZ A., ÇEŞİTLİ HABİTATLARDAN İZOLE EDİLEN BACİLLUS THURINGIENSİS SUŞLARININ MOLEKÜLER KARAKTERİZASYONU VE BAZI ZARARLI BÖCEKLERE KARŞI MÜCADELEDE KULLANIMI, Doctorate, S.YILMAZ(Student), 2010

AYVAZ A., ULTRAVİOLE RADYASYONU İLE İŞİNLANMIŞ Ephestia kuehniella VE Plodia interpunctella LARVALARI ÜZERİNE TARIM ARAZİLERİNDEN İZOLE EDİLEN Bacillus thuringiensis İZOLATLARININ ETKİSİ, Postgraduate, U.AZİZOĞLU(Student), 2009

AYVAZ A., ÇEŞİTLİ BİTKİLERDEN ELDE EDİLEN UÇUCU YAĞLARIN DEPOLANMIŞ ÜRÜN ZARARLISI BÖCEKLER ÜZERİNDEKİ ÖLDÜRÜCÜ ETKİLERİNİN ARAŞTIRILMASI, Postgraduate, S.KARABÖRKLÜ(Student), 2008

AYVAZ A., KAYSERİ'DEN ALINAN TOPRAK ÖRNEKLERİNDEN ELDE EDİLEN BACİLLUS THURINGIENSİS SUŞLARININ İZOLASYONU, TANIMLANMASI VE BAZI ZARARLI BÖCEK TÜRLERİ ÜZERİNDEKİ TOKSİK ETKİLERİNİN ARAŞTIRILMASI, Postgraduate, İ.BOZLAĞAN(Student), 2007

AYVAZ A., ADANA VE İZMİR İLLERİ İLE TRAKYA BÖLGESİNDEN TOPLANAN BAZI TRICHOGRAMMA TÜRLERİNİN DEPO VE ARAZİ KOŞULLARINDA BİYOLOJİK MÜCADELE ETKİNLİKLERİNİN ARAŞTIRILMASI, Postgraduate, D.SARİBEK(Student), 2007

AYVAZ A., DOĞADA MISIR VE ASMA BİTKİSİ İLE DEPOLANMIŞ ÜRÜNLERDE ZARARLI GÜVELERLE MÜCADELE İÇİN YUMURTA PARAZİTOİDİ TRICHOGRAMMA EVANESCENS'İN SALIVERİLMESİNE YÖNELİK ÇALIŞMALAR, Postgraduate, E.KARASU(Student), 2005

AYVAZ A., Yüksek Lisans, "Kuru Meyve Güvesi Plodia interpunctella Hubner (Lepidoptera:Pyralidae)'nın Bazı Biyolojik Özellikleri Üzerine Gamma Radyasyonunun Etkileri", Postgraduate, S.ALBAYRAK(Student), 2004

Jury Memberships

Associate Professor Exam, Jüri üyesi, Hacettepe Üniversitesi, October, 2015

Associate Professor Exam, Jüri üyesi, Gazi Üniversitesi, October, 2015

Associate Professor Exam, Jüri üyesi, Gazi Üniversitesi, October, 2015

Associate Professor Exam, Jüri üyesi, Ahi Evran üniversitesi, Fen Edebiyat Fakültesi , June, 2015

Appointment to Academic Staff-Assistant Professorship, Yrd. Doç. Kadrosuna atanma, Niğde Üniversitesi, June, 2015

Doctorate, Doktora Tez Savunma Sınavı jürisi, Erciyes Üniversitesi, May, 2014

Doctorate, Tez Savunma Sınavı, Erciyes Üniversitesi, September, 2011

Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2011

Doctorate, Doktora Tez Savunma Sınavı jürisi, Erciyes Üniversitesi, September, 2010

Doctorate, Doktora Tez Savunma Sınavı jürisi, Erciyes Üniversitesi, September, 2010

Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2010

Doctorate, Tez Savunma Snavı, Erciyes Üniversitesi, April, 2009
Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2009
Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2008
Doctorate, Doktora Tez Savunma Snavı jürisi, Erciyes Üniversitesi, February, 2008
Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2007
Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2006
Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2005
Competition, TUBİTAK Orta Öğretim Öğrencileri Proje Yarışması, TUBİTAK, April, 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genome mining of *Bacillus thuringiensis* strain SY49.1 reveals novel candidate pesticidal and bioactive compounds**
Yılmaz S., Idris A. B., Ayvaz A., Temizgül R., Çetin A., Hassan M. A.
PEST MANAGEMENT SCIENCE, vol.81, pp.298-307, 2025 (SCI-Expanded)
- II. **Molecular Characterization of Ceftazidime Resistance and Virulence Genes in *Pseudomonas aeruginosa*: A Comprehensive Analysis across Five Hospitals**
Bdawı S. A., Almawa S. O. G., Ayvaz A.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.39, no.2, 2024 (SCI-Expanded)
- III. **Diagnosis of *Campylobacter* spp. Isolates and Their Antimicrobial Susceptibility Patterns**
Alobaidy H. A. K., Ayvaz A., Sağiroğlu P., Atalay M. A.
INDIAN JOURNAL OF MICROBIOLOGY, vol.64, no.3, pp.1000-1008, 2024 (SCI-Expanded)
- IV. **A comprehensive review of effective essential oil components in stored-product pest management**
Karabörklü S., AYVAZ A.
Journal of Plant Diseases and Protection, vol.130, no.3, pp.449-481, 2023 (SCI-Expanded)
- V. **Molecular characterization of the chitinase genes of native *Bacillus thuringiensis* isolates and their antagonistic activity against three important phytopathogenic fungi**
Azizoglu Z. B., Yılmaz S., Azizoğlu U., Karabörklü S., Temizgül R., Ayvaz A.
BIOLOGIA, vol.76, no.9, pp.2745-2755, 2021 (SCI-Expanded)
- VI. **Cellular and Transcriptional Adaptation of Bovine Granulosa Cells Under Ethanol-Induced Stress In Vitro**
Sohel M. M. H., Salman M. A., AYVAZ A.
ALCOHOL AND ALCOHOLISM, vol.56, no.4, pp.383-392, 2021 (SCI-Expanded)
- VII. **THE CHEMICAL COMPOSITION OF CYCLOTROCHIDIUM ORIGANIFOLIUM ESSENTIAL OIL AND ITS INSECTICIDAL ACTIVITY AGAINST FOUR STORED-PRODUCT INSECT PESTS**
Karabörklü S., Azizoğlu U., Yılmaz S., Ayvaz A., Akdeniz M.
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, vol.72, no.6, pp.841-850, 2019 (SCI-Expanded)
- VIII. **Diversity and distribution of cry genes in native *Bacillus thuringiensis* strains isolated from wild ecological areas of East-Mediterranean region of Turkey**
Yılmaz S., Ayvaz A., Azizoğlu U.
TROPICAL ECOLOGY, vol.58, pp.605-610, 2017 (SCI-Expanded)
- IX. **Mosquitocidal Potential of Native *Bacillus thuringiensis* Strain SY49-1 against Disease Vector, *Culex pipiens* (Diptera: Culicidae)**
AZİZOĞLU U., YILMAZ S., AYVAZ A., Karaborklu S., ATCIYURT Z. B.
TROPICAL BIOMEDICINE, vol.34, no.2, pp.256-269, 2017 (SCI-Expanded)
- X. **Cloning and expression of cry2Aa from native *Bacillus thuringiensis* strain SY49-1 and its insecticidal activity against *Culex pipiens* (Diptera: Culicidae)**
Yılmaz S., AZİZOĞLU U., AYVAZ A., TEMİZGÜL R., ATCIYURT Z. B., Karaborklu S.
MICROBIAL PATHOGENESIS, vol.105, pp.81-85, 2017 (SCI-Expanded)
- XI. **Diversity and distribution of cry genes in native *Bacillus thuringiensis* strains isolated from wild**

ecological areas of East-Mediterranean region of Turkey

Yılmaz S., Ayvaz A., Azizoğlu U.

Journal Of Tropical Ecology, vol.58, no.3, pp.1-5, 2017 (SCI-Expanded)

- XII. **Expression of cry1Ab gene from a novel Bacillus thuringiensis strain SY49-1 active on pest insects**
AZİZOĞLU U., AYVAZ A., YILMAZ S., Karaborklu S., TEMİZGÜL R.
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.47, no.3, pp.597-602, 2016 (SCI-Expanded)
- XIII. **The synergic and antagonistic activity of Cry1Ab and Cry2Aa proteins against lepidopteran pests**
AZİZOĞLU U., AYVAZ A., YILMAZ S., TEMİZGÜL R.
JOURNAL OF APPLIED ENTOMOLOGY, vol.140, no.3, pp.223-227, 2016 (SCI-Expanded)
- XIV. **Phylogenetic relationships of insect-associated free-living rhabditid nematodes from eastern mediterranean region of Turkey**
AZİZOĞLU U., Karaborklu S., AYVAZ A., YILMAZ S.
Applied Ecology and Environmental Research, vol.14, no.3, pp.93-103, 2016 (SCI-Expanded)
- XV. **Molecular Screening and Bioactivity of Native Bacillus thuringiensis Isolates**
Unalmis S., AYVAZ A., YILMAZ S., AZİZOĞLU U.
JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, vol.17, no.5, pp.1197-1207, 2015 (SCI-Expanded)
- XVI. **Effects of Bacillus thuringiensis subsp kurstaki HD1 spore-crystal mixture on the adults of egg parasitoid Trichogramma evanescens (Hymenoptera: Trichogrammatidae)**
AZİZOĞLU U., YILMAZ S., AYVAZ A., Karaborklu S.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.29, no.4, pp.653-658, 2015 (SCI-Expanded)
- XVII. **Native entomopathogenic nematodes isolated from Turkey and their effectiveness on pine processionary moth, Thaumetopoea wilkinsoni Tams**
Karaborklu S., AYVAZ A., YILMAZ S., AZİZOĞLU U., AKBULUT M.
International Journal of Pest Management, vol.61, no.1, pp.3-8, 2015 (SCI-Expanded)
- XVIII. **FUNGI ASSOCIATED WITH FREE-LIVING SOIL NEMATODES IN TURKEY**
Karaborklu S., AYVAZ A., YILMAZ S., AZİZOĞLU U.
ARCHIVES OF BIOLOGICAL SCIENCES, vol.67, no.4, pp.1173-1183, 2015 (SCI-Expanded)
- XIX. **Toxicity of native Bacillus thuringiensis isolates on the larval stages of pine processionary moth Thaumetopoea wilkinsoni at different temperatures**
Yılmaz S., Karaborklu S., Azizoğlu U., Ayvaz A., AKBULUT M., Yıldız M.
Turkish Journal of Agriculture and Forestry, vol.37, no.2, pp.163-172, 2013 (SCI-Expanded)
- XX. **A novel Bacillus thuringiensis strain and its pathogenicity against three important pest insects**
Yılmaz S., Ayvaz A., AKBULUT M., Azizoğlu U., Karaborklu S.
JOURNAL OF STORED PRODUCTS RESEARCH, vol.51, pp.33-40, 2012 (SCI-Expanded)
- XXI. **Characterization of local Bacillus thuringiensis isolates and their toxicity against Ephestia kuehniella and Plodia interpunctella larvae**
AZİZOĞLU U., YILMAZ S., AYVAZ A., KARABÖRKLÜ S., AKBULUT M.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.21, pp.143-150, 2011 (SCI-Expanded)
- XXII. **Chemical Composition and Fumigant Toxicity of Some Essential Oils Against Ephestia kuehniella**
Karaborklu S., Ayvaz A., Yılmaz S., AKBULUT M.
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.104, no.4, pp.1212-1219, 2011 (SCI-Expanded)
- XXIII. **Identification of some cry1 genes and toxicity determination in Bacillus thuringiensis isolates obtained from mills and warehouses in Turkey, Egyptian Journal of Biological Pest Control**
Yılmaz S., Demirezen N., Azizoğlu U., Karabörklü S., Ayvaz A., Akbulut M., Tekin S.
Egyptian Journal Of Biological Pest Control, vol.21, no.2, pp.189-195, 2011 (SCI-Expanded)
- XXIV. **Characterization of Local Bacillus thuringiensis Isolates and Their Toxicity to Ephestia kuehniella (Zeller) and Plodia interpunctella (Hubner) Larvae**
AZİZOĞLU U., YILMAZ S., AYVAZ A., Karaborklu S., AKBULUT M.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.21, no.2, pp.143-150, 2011 (SCI-Expanded)
- XXV. **Identification of Some cry1 Genes and Toxicity Determination in Bacillus thuringiensis Isolates Obtained from Mills and Warehouses in Turkey**

- Yılmaz S., Demirezen N., Azizoğlu U., Karaborklu S., Ayvaz A., AKBULUT M., Tekin S.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.21, no.2, pp.189-195, 2011 (SCI-Expanded)
- XXVI. **Ovicidal activity of microwave and UV radiations on mediterranean flour moth *Ephestia kuehniella* Zeller, 1879 (Lepidoptera: Pyralidae)**
Azizoğlu U., Yılmaz S., Karaborklu S., AYVAZ A.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.35, no.3, pp.437-446, 2011 (SCI-Expanded)
- XXVII. **Bioactivities of Different Essential Oils Against The Adults of Two Stored Product Insects**
Karaboerklue S., AYVAZ A., YILMAZ S.
PAKISTAN JOURNAL OF ZOOLOGY, vol.42, no.6, pp.679-686, 2010 (SCI-Expanded)
- XXVIII. **Insecticidal activity of the essential oils from different plants against three stored-product insects**
AYVAZ A., Sagdic O., Karaborklu S., Ozturk I.
JOURNAL OF INSECT SCIENCE, vol.10, 2010 (SCI-Expanded)
- XXIX. **Age dependent DNase activity in larvae, pupae and adult stages of Mediterranean Flour Moth *Ephestia kuehniella* Zeller (Lepidoptera: Pyralidae)**
Eröz R., AKBULUT M., Yılmaz S., Ayvaz A., Sadykhov S.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.34, no.1, pp.3-13, 2010 (SCI-Expanded)
- XXX. **Detection of the cry1 gene in *Bacillus thuringiensis* isolates from agricultural fields and their bioactivity against two stored product moth larvae**
Bozlagan I., Ayvaz A., Öztürk F., Acik L., AKBULUT M., Yılmaz S.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.34, no.2, pp.145-154, 2010 (SCI-Expanded)
- XXXI. **Fumigant Toxicity of Five Essential Oils Against the Eggs of *Ephestia kuehniella* Zeller and *Plodia interpunctella* (Hubner) (Lepidoptera: Pyralidae)**
Ayvaz A., KARABÖRKLÜ S., Sagdic O.
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.1, pp.596-604, 2009 (SCI-Expanded)
- XXXII. **Effects of gamma radiation on suitability of stored cereal pest eggs and the reproductive capability of the egg parasitoid *Trichogramma evanescens* (Trichogrammatidae: Hymenoptera)**
TUNÇBİLEK A. Ş., Canpolat U., AYVAZ A.
BIOCONTROL SCIENCE AND TECHNOLOGY, vol.19, pp.179-191, 2009 (SCI-Expanded)
- XXXIII. **Isolation and Characterization of Native *Bacillus thuringiensis* Strains from Soil and Bioactivity Against *Ephestia kuehniella* Zeller (Lepidoptera: Pyralidae) Larvae**
ÖZTÜRK F., Açıık L., Ayvaz A., Suludere Z.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.33, no.4, 2008 (SCI-Expanded)
- XXXIV. **Gamma radiation sensitivity of the eggs, larvae and pupae of Indian meal moth *Plodia interpunctella* (Hubner) (Lepidoptera : Pyralidae)**
AYVAZ A., ALBAYRAK S., KARABÖRKLÜ S.
PEST MANAGEMENT SCIENCE, vol.64, no.5, pp.505-512, 2008 (SCI-Expanded)
- XXXV. **Effect of cold storage and different diets on *Ephestia kuehniella* Zeller (Lep : Pyralidae)**
AYVAZ A., KARABÖRKLÜ S.
JOURNAL OF PEST SCIENCE, vol.81, no.1, pp.57-62, 2008 (SCI-Expanded)
- XXXVI. **Isolation and Characterization of Native *Bacillus thuringiensis* Strains from Soil and Testing the Bioactivity of Isolates Against *Ephestia Kuehniella* Zeller (Lepidoptera: Pyralidae) Larvae**
Ozturk F., Acik L., AYVAZ A., Bozdogan B., Suludere Z.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.33, no.4, pp.202-208, 2008 (SCI-Expanded)
- XXXVII. **Effects of cold storage, rearing temperature, parasitoid age and irradiation on the performance of *Trichogramma evanescens* Westwood (Hymenoptera : Trichogrammatidae)**
AYVAZ A., Karasu E., Karaboerklue S., TUNÇBİLEK A. Ş.
JOURNAL OF STORED PRODUCTS RESEARCH, vol.44, no.3, pp.232-240, 2008 (SCI-Expanded)
- XXXVIII. **Dispersal ability and parasitization performance of egg parasitoid *Trichogramma evanescens* westwood (Hymenoptera : Trichogrammatidae) in field and storage conditions**
AYVAZ A., Karasu E., KARABÖRKLÜ S., Yılmaz S.

TURKISH JOURNAL OF BIOLOGY, vol.32, no.2, pp.127-133, 2008 (SCI-Expanded)

- XXXIX. **Inherited sterility in Mediterranean flour moth *Ephestia kuehniella* Zeller (Lepidoptera: Pyralidae): Effect of gamma radiation on insect fecundity, fertility and developmental period**
Ayvaz A., Albayrak S., Tuncbilek A. Ş.
Journal of Stored Products Research, vol.43, no.3, pp.234-239, 2007 (SCI-Expanded)
- XL. **Inherited sterility in Mediterranean flour moth *Ephestia kuehniella* Zeller Lepidoptera Pyralidae Effect of gamma radiation on insect fecundity fertility and developmental period evanescens Westwood Hymenoptera Trichogrammatidae**
AYVAZ A., ALBAYRAK S., TUNÇBİLEK A. Ş.
Journal of Stored Products Research, vol.43, pp.234-239, 2007 (SCI-Expanded)
- XLII. **Effects of gamma radiation on life stages of the Mediterranean flour moth, *Ephestia kuehniella* Zeller (Lepidoptera : Pyralidae)**
Ayvaz A., Tuncbilek A. Ş.
JOURNAL OF PEST SCIENCE, vol.79, no.4, pp.215-222, 2006 (SCI-Expanded)
- XLIII. **Gamma radiation sensitivity of larvae and adults of the red flour beetle *Tribolium castaneum* Herbs**
TUNÇBİLEK A. Ş., AYVAZ A., ÖZTÜRK KÜP F.
Anz. Schadl./ J. of Pest Sci, vol.76, pp.129-132, 2003 (SCI-Expanded)
- XLIV. **Influences of host age, sex ratio, population density, and photoperiod on parasitism by *Trichogramma evanescens* Westw. (Hym., Trichogrammatidae)**
Tuncbilek A. Ş., Ayvaz A.
ANZEIGER FÜR SCHADLINGSKUNDE-JOURNAL OF PEST SCIENCE, vol.76, no.6, pp.176-180, 2003 (SCI-Expanded)
- XLV. **Gamma radiation sensitivity of larvae and adults of the red flour beetle, *Tribolium castaneum* Herbst**
Tuncbilek A. Ş., Ayvaz A., Ozturk F., Kaplan B.
ANZEIGER FÜR SCHADLINGSKUNDE-JOURNAL OF PEST SCIENCE, vol.76, no.5, pp.129-132, 2003 (SCI-Expanded)
- XLVI. **Influences of host age sex ratio population density and photoperiod on parasitism by *Trichogramma evanescens***
TUNÇBİLEK A. Ş., AYVAZ A.
Anz. Schadl./ J. of Pest Sci, vol.76, pp.129, 2003 (SCI-Expanded)
- XLVII. **Influences Of Host Age, Sex Ratio, Population Density And Photoperiod On Parasitism By *Trichogramma Evanescens***
TUNÇBİLEK A. Ş., AYVAZ A.
JOURNAL OF PEST SCIENCE,, vol.76, pp.176-180, 2003 (SCI-Expanded)
- XLVIII. **Effects of the gamma radiations and malathion on confused flour beetle, *Tribolium confusum* J. Du Val**
Ayvaz A., ÖZTÜRK F.
Pakistan Journal of Biological Sciences, vol.5, no.5, pp.560-562, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Mikrodalga radyasyonunun *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae) erginleri üzerindeki öldürücü etkisi**
AZİZOĞLU U., Karabörklü S., YILMAZ S., AYVAZ A., TEMİZGÜL R.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.26, no.4, pp.323-327, 2010 (Peer-Reviewed Journal)
- II. **Insecticidal activity of microwave radiation on *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae) adults.**
azizoğlu u., karabörklü s., YILMAZ S., AYVAZ A., TEMİZGÜL R.
erciyes University Journal of the Institute of Science and Technology, vol.26, no.4, pp.323-327, 2010 (Peer-Reviewed Journal)
- III. **Soğukta depolamanın farklı konukçularda yetişen *Trichogramma evanescens* Westwood (Hym: Trichogrammatidae)?in farklı evreleri üzerine etkileri**

AYVAZ A.

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, pp.30-36, 2007 (Peer-Reviewed Journal)

IV. **Yumurta Parazitoidi *Trichogramma evanescens* (Hymenoptera: Trichogrammatidae)'in Yaşam Evrelerinin Gamma Radyasyonuna Karşı Duyarlılıkları,**

AYVAZ A., KARABÖRKLÜ S., TUNÇBİLEK A. Ş.

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.1, pp.61-67, 2007 (Peer-Reviewed Journal)

V. **Effect Of Gamma Radiations And Malathion On Confused Flour Beetle *Tribolium Confusum* J Du Val**

ÖZTÜRK KÜP F., YARAY K., KARAHACIOĞLU E., AYVAZ A.

Pakistan Journal of Biological Science, 2002 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Ionizing Radiation Disinfestation Treatments against Pest Insects**

AYVAZ A., YILMAZ S.

in: Evolution of Ionizing Radiation Research, Mitsuru Neno, Editor, Intech, Rijeka, pp.235-258, 2015

II. **Ionizing Radiation Disinfestation Treatments against Pest Insects**

AYVAZ A., YILMAZ S.

in: Evolution of Ionizing Radiation Research, Mitsuru Neno, Editor, InTech, Rijeka, Rijeka, pp.235-258, 2015

III. **Ionizing Radiation Disinfestation Treatments against Pest Insects**

AYVAZ A., YILMAZ S.

in: Evolution of Ionizing Radiation Research, Mitsuru Neno, Editor, InTech, pp.235-258, 2015

IV. **Akciğerler ve Solunum**

AYVAZ A.

in: Human Physiology/İnsan Fizyolojisi, Aktümsek, A, Editor, Ayvaz A., Çeviri, Nobel Yayıncılık, Ankara, 2010, Ankara, pp.115-148, 2010

Refereed Congress / Symposium Publications in Proceedings

I. **The Antagonistic Activity of Native *Bacillus thuringiensis* Strains against Phytopathogenic Fungus *Fusarium oxysporum* and *Verticillium dahliae***

Atçıyurt Z. B., AZİZOĞLU U., AYVAZ A., YILMAZ S., KARABORKLU S.

ECOLOGY 2017 INTERNATIONAL SYMPOSIUM, Kayseri, Turkey, 11 - 13 May 2017, pp.336

II. **Ecological importance of free-living soil nematodes**

KARABÖRKLÜ S., AYVAZ A., YILMAZ S., AZİZOĞLU U., ATÇIYURT Z. B.

ECOLOGY 2017, Kayseri, Turkey, 11 - 13 May 2017, pp.521

III. **Ecological Importance of Free-Living Soil Nematodes, TÜRKİYE,**

KARABÖRKLÜ S., AYVAZ A., YILMAZ S., AZİZOĞLU U., ATÇIYURT Z. B.

ECOLOGY 2017 INTERNATIONAL SYMPOSIUM, KAYSERİ, 11 - 13 May 2017

IV. **Biocontrol potential of native *Bacillus thuringiensis* strains against *Culex pipiens* (Diptera:Culicidae)**

AZİZOĞLU U., AYVAZ A., YILMAZ S., KARABORKLU S., TEMİZGÜL R., Atçıyurt Z. B., ÇÖMLEKÇİ E.

5th International Participated Entomopathogens and Microbial Control Congress, Ankara, Turkey, 9 - 11 September 2015, pp.64

V. **The most widely used molecular techniques for entomopathogenic and entomoparasitic nematode taxonomy**

KARABORKLU S., AYVAZ A., YILMAZ S., AZİZOĞLU U., Altın N.

5th International Participated Entomopathogens and Microbial Control Congress, Ankara, Turkey, 9 - 11 September 2015, pp.111

VI. **Evaluating molasses broth for producing *Bacillus thuringiensis* strains**

AYVAZ A., ÇÖMLEKÇİ E., YILMAZ S., AZİZOĞLU U., Ünalmış S., Atçıyurt Z. B., KARABORKLU S., TEMİZGÜL R.

5th International Participated Entomopathogens and Microbial Control Congress, Ankara, Turkey, 9 - 11 September 2015, pp.63

VII. **Chitinase gene screening for native *Bacillus* spp., isolates**

YILMAZ S., Atciyurt Z. B., AYVAZ A., AZİZOĞLU U., KARABORKLU S., TEMİZGÜL R., ÇÖMLEKÇİ E., Ünalmiş S.
5th International Participated Entomopathogens and Microbial Control Congress, Ankara, Turkey, 9 - 11 September 2015, pp.70

VIII. **Selenium fertilization and accumulation in Kral 97 barley (*Hordeum vulgare* L.) cultivar**

YILMAZ S., İlbaş A. I., AYVAZ A., TEMİZGÜL R., AZİZOĞLU U.

50th Croatian & 10th International Symposium on Agriculture, Opatija, Croatia, 16 - 20 February 2015, pp.185

IX. **Selenium fertilization and accumulation in Kral 97 barley *Hordeum vulgare* L cultivar 50th Croatian 10th International Symposium on Agriculture**

YILMAZ S., İLBAŞ A. İ., AYVAZ A., TEMİZGÜL R., AZİZOĞLU U.

50th Croatian & 10th International Symposium on Agriculture, 16 - 20 February 2015

X. **Analysis Of Genetic Diversity In Turkey Originated Local Wheat Populations**

TEMİZGÜL R., AKBULUT M., AZİZOĞLU U., KAPLAN M., YILMAZ S., AYVAZ A.

International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 September - 12 December 2014, pp.97

XI. **Controlling *Plodia interpunctella* (Hübner) (Lepidoptera: Pyralidae) With Recombinant Cry1a Protein**

YILMAZ S., AZİZOĞLU U., KARABÖRKLÜ S., AYVAZ A., Temizgül R., AKBULUT M.

International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 - 12 December 2014, pp.211

XII. **28S rDNA Dizi Analiziyle Bazı Entomopatojen Nematodların Karakterizasyonu**

Karaborklu S., Ayvaz A., AKBULUT M., YILMAZ S., AZİZOĞLU U.

2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Antalya, Turkey, 15 - 18 November 2014, pp.143

XIII. **Hmw Guluten Polymorphism In Turkey Originated Local Wheat Populations**

Temizgül R., AKBULUT M., Azizoğlu U., YILMAZ S., KAPLAN M., AYVAZ A.

3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014, pp.98

XIV. **Insecticidal Activity Of Recombinant Cry1ab Toxin On Mediterranean Flour Moth, *Ephestia kuehniella* Larvae**

AZİZOĞLU U., Ayvaz A., Yılmaz S., KARABÖRKLÜ S., AKBULUT M.

International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 - 12 September 2014, pp.208

XV. **ontrolling *Plodia interpunctella* Hübner Lepidoptera Pyralidae With Recombinant Cry1a Protein**

YILMAZ S., AZİZOĞLU U., KARABÖRKLÜ S., AYVAZ A., TEMİZGÜL R., AKBULUT M.

3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014

XVI. **Cloning And Expression Of Cry2a Gene From *Bacillus Thuringiensis* Sy49-1 Strain And Its Toxicity On *Culex pipiens* (Diptera) Larvae**

AYVAZ A., AZİZOĞLU U., YILMAZ S., karabörklü s., TEMİZGÜL R., AKBULUT M.

3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014, pp.209

XVII. **Molecular Characterization Of Two Entomopathogenic Nematodes And Their Bioactivity On Pine Processionary Moth, *Thaumetopoea wilkinsoni* (Lepidoptera) Tams**

Karabörklü S., AZİZOĞLU U., AYVAZ A., YILMAZ S.

3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014, pp.210

XVIII. **Gluten Allele Frequencies And Glu-1 Quality Scores In Local Wheat Populations Originated From Turkey**

AKBULUT M., TEMİZGÜL R., AZİZOĞLU U., YILMAZ S., AYVAZ A., KAPLAN M.

3rd International Congress of the Molecular Biology Association of Turkey, İZMİR, TÜRKİYE, 10-12 Eylül 2014,

pp.95-95, İzmir, Turkey, 10 - 12 September 2014, pp.95

- XIX. Selenium Supplementand Csy/Met Indexin Three Barley Cultivars**
YILMAZ S., İLBAŞ A. I., BULUT S., AYVAZ A., Garaeva S.
International Agriculture Congress' 2014, Bükreş, Romania, 2 - 06 September 2014
- XX. Cry Gene Frequency Of Native Bacillus Thuringiensis Isolates**
YILMAZ S., AZİZOĞLU U., TEMİZGÜL R., AYVAZ A., karabörklü s., AKBULUT M., eröz r.
Uluslararası Katılımlı Ulusal Biyosidal kongresi, Antalya, Turkey, 19 - 22 March 2014, pp.17
- XXI. BİYOLOJİK MÜCADELENİN ÖTESİNDE BACILLUS THURINGIENSIS: BİYOFERTİLİZER-BİYOSTİMÜLATÖR**
AZİZOĞLU U., BULUT S., YILMAZ S., AYVAZ A.
V. Organik Tarım Sempozyumu, Samsun, Turkey, 1 - 04 September 2013, pp.232-240
- XXII. Kahramanmaraş İlinden İzole Edilen Bacillus thuringiensis İzolatlarının Karakterizasyonu ve Tarımsal Zararlılar Üzerindeki Etkilerinin Araştırılması**
YILMAZ S., TEKİN S., AZİZOĞLU U., ÇÖMLEKÇİ E., KARABÖRKLÜ S., AKBULUT M., AYVAZ A.
21 Ulusal Biyoloji Kongresi, İzmir, Turkey, 1 - 04 September 2012
- XXIII. Bazı toprak nematodlarıyla ilişkili fungus türlerinin moleküler karakterizasyonu**
Karabörklü S., Azizoğlu U., Yılmaz S., Tekin S., Çömlekçi E., Ayvaz A., AKBULUT M.
21. Ulusal Biyoloji Kongresi Bildiri Kitabı, İzmir, Turkey, 1 - 04 September 2012, pp.1403
- XXIV. Çam Kesirtirli Thaumetopoea pityocampa (Den. & Schiff.) Larvalarının Yerel Bacillus thuringiensis İzolatlarıyla Mücadelesi**
YILMAZ S., karabörklü s., azizoğlu u., AYVAZ A., AKBULUT M., tekin s., TEMİZGÜL R.
Türkiye IV. Bitki Koruma Kongresi, Kahramanmaraş, Turkey, 1 - 04 June 2011, pp.140
- XXV. Toxicity of Bacillus thuringiensis spore-crystal mixtures on different larval stages of Thaumetopoea pityocampa at varying temperatures**
YILMAZ S., KARABÖRKLÜ S., AZİZOĞLU U., AYVAZ A., AKBULUT M.
III International Entomopathogens and Microbial Control Symposium, Turkey, 1 - 04 January 2011
- XXVI. Ultraviole ve Mikrodalga Radyasyonlarının Ephestia kuehniella Yumurtalarındaki Embriyo Gelişimine Etkileri**
AZİZOĞLU U., YILMAZ S., KARABÖRKLÜ S., AKBULUT M., SARİBEK D., TEKİN S., AYVAZ A.
20 Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 July 2010
- XXVII. Adana'dan İzole Edilen ve cry1, cry2 ve cry5 Genleri Taşıyan Etkili Bir Bacillus thuringiensis İzolatının Trichogramma evanescens Erginlerinin Ömür Uzunluğu ve Parazitlenmesine Etkisi**
YILMAZ S., SARİBEK D., TEKİN S., AZİZOĞLU U., KARABÖRKLÜ S., AKBULUT M., AYVAZ A.
20 Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 July 2010
- XXVIII. Molecular characterization and insecticidal activity of a highly pathogenic isolate of Bacillus thuringiensis from Adana**
YILMAZ S., AYVAZ A., AKBULUT M., AZİZOĞLU U., KARABÖRKLÜ S., BASIM H.
Society for Invertebrate Pathology, 43th Meeting,, Turkey, 1 - 04 January 2010
- XXIX. Detection of cry1 genes in Local Bacillus thuringiensis isolates and their bioactivities on Uv-irradiated stored product moth larvae**
AZİZOĞLU U., YILMAZ S., AYVAZ A., AKBULUT M.
International Workshop on Urbanisation, Land Use, Land Degradation and Environment, ule2009, Denizli, Turkey, 28 September - 01 October 2009, pp.67
- XXX. Determination of lepidopteran specific cry genes of Bacillus thuringiensis isolates obtained from soils and flour mills and investigation of their toxicity on stored product moths**
YILMAZ S., nurettin d., AZİZOĞLU U., TEMİZGÜL R., KARABÖRKLÜ S., AKBULUT M., AYVAZ A.
Second international participated entomopathogen and microbial control symposium, 22 - 24 September 2009, pp.38-39
- XXXI. Determination of Lepidopteran specific cry genes of Bacillus thuringiensis isolates obtained from soils and flour mills and investigation of their toxicity on stored product moths**
YILMAZ S., demirezen n., azizoğlu u., TEMİZGÜL R., karabörklü s., AKBULUT M., AYVAZ A.
II International Participated Entomopathogen and Microbial Control Symposium, Turkey, 1 - 04 September 2009,

pp.1

- XXXII. **PCR based identification of insecticidal crystal genes of *Bacillus thuringiensis* isolated from Adana.**
azizoğlu u., YILMAZ S., AYVAZ A., karabörklü s., AKBULUT M., TEMİZGÜL R.
International Workshop on Urbanisation, Land Use, Land Degradation and Environment,, Turkey, 1 - 04 September
2009, pp.38
- XXXIII. **Ülkemizin Farklı Bölgelerinden Toplanan *Trichogramma* Türlerinin Soğuğa Karşı Dirençlerinin
Araştırılması**
SARIBEK D., AZIZOĞLU U., AYVAZ A.
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 1 - 04 July 2008
- XXXIV. **. Yumurta parazitoidi *Trichogramma evanescens*'in farklı yaşlardaki erginlerinin parazitlemesi ve
laboratuvar koşullarında saliverilmesi,**
CANPOLAT Ü., AYVAZ A., TUNÇBİLEK A. Ş.
XVII Ulusal Biyoloji Kongresi, 21-24 Haziran 2004, Adana., Adana, Turkey, 21 - 24 June 2004, pp.77
- XXXV. **Influences of host age, sex ratio and population density on parasitism by *Trichogramma evanescens*
Westwood.**
TUNÇBİLEK A. Ş., AYVAZ A.
European Society of New Methods in Agricultural Research, XXXIInd Annual Meeting,, Varşova, Poland, 10 - 14
September 2002, pp.188
- XXXVI. **Pestisitlerin çevreye etkisi ve yayılma yolları,**
TUNÇBİLEK A. Ş., AYVAZ A., Saatçi E.
I. Atıksu Sempozyumu, 22-24 Haziran 1988, Kayseri, Turkey, 22 - 24 June 1998, pp.316-323
- XXXVII. **. Kayseri ili, il merkezi ve civarı Orthoptera (Insecta) faunası üzerine sistematik araştırmalar,**
TUNÇBİLEK A. Ş., AYVAZ A.
XIII. Ulusal Biyoloji Kongresi, İstanbul, Turkey, 17 - 20 September 1996, pp.43
- XXXVIII. **Buğdaybiti, *Sitophilus Granarius* L. (Coleoptera:Curculionidae) Üzerine Gamma Radyasyonunun
Etkisi**
AYVAZ A., YILDIRIM S.
XVII. Ulusal Biyoloji Kongresi, İstanbul, Turkey, 17 - 20 September 1996, pp.61

Other Publications

- I. **Dispersal ability and parasitization of the egg parasitoid *Trichogramma evanescens* Westwood in
field and storage conditions.**
AYVAZ A., KARASU E., AKBULUT M.
Other, pp.15-16, 2005
- II. **The use of nuclear techniques for the production and colonization of *Trichogramma evanescens* to
manage flour moth, *Ephestia kuehniella*, in "Evaluating the use of nuclear techniques for the
colonization and production of natural enemies of agricultural insect pest IAEA-314-D4-RC-794.2**
TUNÇBİLEK A. Ş., AYVAZ A.
Technical Report, pp.33-39, 2001

Supported Projects

- AYVAZ A., SOHEL M. H., SALMAN M. A., Project Supported by Higher Education Institutions, Etanol kaynaklı oksidatif stresin dişi üreme organı Foliküler ve üterin hücreleri üzerine etkisi, 2016 - 2017
- Ayvaz A., Yılmaz S., Project Supported by Other Official Institutions, *Bacillus thuringiensis* subsp. kurstaki ve Bt SY49.1 suşlarının farklı yetiştirme koşullarındaki spor kristal konsantrasyonlarının ve protein profillerinin araştırılması, 2013 - 2015
- Yılmaz S., Ayvaz A., Akbulut M., Project Supported by Other Official Institutions, Yerel *Bacillus Thuringiensis* Suşlarına Ait

Dipter Ve Lepidopter Zararlılarına Yönelik Cry1 Ve Cry2 Genlerine Ait Toksin Prototiplerinin Üretilmesi, 2013 - 2014
YILMAZ S., AZİZOĞLU U., TEMİZGÜL R., AKBULUT M., AYVAZ A., GÜLŞEN O., GÜRCAN K., Karabörklü S., Project Supported by Higher Education Institutions, Etkili Yerel Bacillus thuringiensis Suşlarına Ait cry Genlerinin Klonlanması, İfade Ettirilmesi ve Çeşitli Zararlı Böcekler Üzerine Etkinliklerinin Araştırılması, 2011 - 2014
AYVAZ A., AZİZOĞLU U., AKBULUT M., YILMAZ S., Project Supported by Higher Education Institutions, Bacillus thuringiensis SY49-1 SUŞUNA AİT cry1 VE cry2 GENLERİNİN KLONLANMASI, İFADESİ VE BÖCEK ÖLDÜRÜCÜ ETKİLERİNİN BELİRLENMESİ, 2011 - 2014
AYVAZ A., KARABÖRKLÜ S., YILMAZ S., AKBULUT M., Project Supported by Higher Education Institutions, Bazı bölgelerden izole edilen entomopatojenik nematodların teşhisi ve çam keseböceğine (Thaumetopoea wilkinsoni Tams) karşı biyolojik mücadelede kullanım olanaklarının araştırılması, 2010 - 2014
AYVAZ A., SARIBERK D., AKBULUT M., Project Supported by Higher Education Institutions, BACİLLUS THURİNGİENSİS, ULTRA VİOLE RADYASYONU VE DÜŞÜK SICAKLIĞA MARUZ BIRAKILMIŞ EPHESTIAKUEHNIELLA, PLODIA İNTERPUNCTELLA VE TRIBOLIUM CASTENEUM LARVALARINDA ANTIOKSİDAN ENZİMAKTİVİTELERİNİN İNCELENMESİ, 2009 - 2014
Ayvaz A., Yılmaz S., Project Supported by Higher Education Institutions, Doğu akdeniz bölgesinden izole edilen entomopatojenik nematodların teşhisi ve çam kese kurduna (Thaumetopoea pityocampa Den. & Schiff.) karşı biyolojik mücadelede kullanım olanaklarının araştırılması, 2010 - 2013
AYVAZ A., YILMAZ S., Project Supported by Higher Education Institutions, ÇEŞİTLİ HABİTATLARDAN İZOLE EDİLEN BACİLLUS THURİNGİENSİS SUŞLARININ MOLEKÜLER KARAKTERİZASYONU VE BAZI ZARARLI BÖCEKLERE KARŞI MÜCADELEDE KULLANIMI, 2008 - 2011
AKBULUT M., AYVAZ A., YILMAZ S., Project Supported by Higher Education Institutions, COLEOPTERA VE LEPIDOPTERA TAKIMLARINA AİT ZARARLI BÖCEKLERE KARŞI ETKİLİ OLAN BACİLLUS, 2008 - 2011
Akbulut M., Ayvaz A., Yılmaz S., Project Supported by Higher Education Institutions, Coleoptera ve Lepidoptera takımlarına ait zararlı böcekler karşı etkili olan Bacillus thuringiensis suşlarının izolasyonu, moleküler karakterizasyonu ve insektisidal etkilerinin araştırılması, 2008 - 2011
AYVAZ A., AZİZOĞLU U., Project Supported by Higher Education Institutions, İŞINLANMIŞ BÖCEK LARVALARI ÜZERİNE TARIM ARAZİLERİNDEN İZOLE EDİLEN BACİLLUS THURİNGİENSİS TOKSİNLERİNİN ETKİSİ, 2008 - 2010
AYVAZ A., DEMİREZEN N., Project Supported by Higher Education Institutions, ÜRÜN DEPOLARINDAN İZOLE EDİLEN BACİLLUS THURİNGİENSİS TOKSİNLERİNİN ÇEŞİTLİ SICAKLIK VE BESLENME KOŞULLARINDA DEPO ZARARLISI BÖCEKLER ÜZERİNE ETKİSİ, 2008 - 2010
AYVAZ A., KARABÖRKLÜ S., Project Supported by Higher Education Institutions, ÇEŞİTLİ BİTKİLERDEN ELDE EDİLEN UÇUCU YAĞLARIN DEPOLANMIŞ ÜRÜN ZARARLISI BÖCEKLER ÜZERİNDEKİ ÖLDÜRÜCÜ ETKİLERİNİN ARAŞTIRILMASI, 2007 - 2009
AYVAZ A., SARIBERK D., Project Supported by Higher Education Institutions, ÜLKEMİZİN FARKLI BÖLGELERİNDEN TOPLANAN ÇEŞİTLİ TRİCHOGRAMMA TÜRLERİNİN BİYOLOJİK MÜCADELE ETKİNLİKLERİNİN ARAŞTIRILMASI, 2007 - 2008
AYVAZ A., BOZDOĞAN İ., SARIBERK D., Project Supported by Higher Education Institutions, GAMMA RADYASYONU VE BAZI BİYOLOJİK MÜCADELE AJANLARININ BAZI DEPO ZARARLISI BÖCEKLER ÜZERİNE ETKİLERİNİN İNCELENMESİ VE YUMURTA PARAZİTOİDLERİ TRİCHOGRAMMA EVANESCENS VE T. BRASSİCA NIN DEPO VE ARAZİ KOŞULLARINDA SALIVERİLMESİNE YÖNELİK ÇALIŞMALAR, 2006 - 2008
AYVAZ A., TUBİTAK Project, Kayseri'deki Biyoloji Öğretmenlerini Bilim Danışmanlığı ve Eğitimi Yönünden Destekleme Çalışmayı, TÜBİTAK Eğitimde Bilim Danışmanlığı Projesi, 25 Ağustos-1 Eylül 2007, 2007 - 2007
AYVAZ A., BOZDOĞAN İ., Project Supported by Higher Education Institutions, KAYSERİ İLİ CİVARINDAKİ ÇEŞİTLİ LOKASYONLARDAKİ TOPRAKLARDAN BACİLLUS TÜRLERİNİN İZOLASYONU, MOLEKÜLER DÜZEYDE KAREKTERİZASYONU VE FENOTİPİK DÜZEYDE TANIMLANMASI; BİYOLOJİK MÜCADELEDE KULLANILAN BACİLLUS THURİNGİENSİS PESTİSİDAL KRİSTAL, 2006 - 2007
AYVAZ A., KARASU E., Project Supported by Higher Education Institutions, DEPOLANMIŞ ÜRÜNLERE VE BAZI KÜLTÜR BİTKİLERİNE ZARAR VEREN GÜVELERLE MÜCADELE İÇİN YUMURTA PARAZİTOİDİ, 2004 - 2005
AYVAZ A., ALBAYRAK S., Project Supported by Higher Education Institutions, KURU MEYVE GÜVESİ PLODIA İNTERPUNCTELLA NİN BAZI ÖZELLİKLERİ ÜZERİNE GAMA RADYASYONUNUN ETKİLERİ, 2004 - 2005
AYVAZ A., ÖZTÜRK F., TUNÇBİLEK A. Ş., Project Supported by Higher Education Institutions, YUMURTA

PARAZİTOİDİ,TRICHOGRAMMA EVANESCENS İLE KURU MEYVE GÜVESİ POLADİA İNTERPUNCTELLA NİN BAZI BİYOLOJİK ÖZELLİKLERİ ÜZERİNE GAMMA RADYASYONUNUN ETKİLERİ, 2002 - 2005

AYVAZ A., Other International Funding Programs, The use of nuclear techniques for the production and colonization of Trichogramma evanescens to manage flour moth, Ephestia kuehniella,, 1996 - 1999

Activities in Scientific Journals

Turkish Journal of Biology, Editor, 2015 - 2016

Turkish Journal of Zoology, Assistant Editor/Section Editor, 2015 - 2016

Erciyes üniversitesi Fen Bilimleri enstitüsü Dergisi, Assistant Editor/Section Editor, 2010 - 2016

Erciyes üniversitesi Fen Bilimleri enstitüsü Dergisi, Publication Committee Member, 2010 - 2016

Scientific Refereeing

Turkish Journal of Zoology, SCI Journal, September 2015

Biological Agriculture & Horticulture, SCI Journal, July 2015

International Journal of Biological Macromolecules, SCI Journal, July 2015

Journal of Stored Products Research, SCI Journal, May 2015

International Journal of Radiation Biology, SCI Journal, April 2015

Turkish Journal of Agriculture and Forestry, SCI Journal, November 2012

Turkish Journal of Agriculture and Forestry, SCI Journal, May 2011

Scientific Consultations

BİLİM SANAYİ VE TEKNOLOJİ BAKANLIĞI, Scientific Consultancy, Erciyes University, Fen Fakültesi, Biyoloji, Turkey, 2013 - 2014

TUBİTAK, Project Consultancy, Erciyes University, Fen Fakültesi, Biyoloji, Turkey, 2008 - 2008

TUBİTAK, Project Consultancy, Erciyes University, Fen Fakültesi, Biyoloji, Turkey, 2007 - 2007

Metrics

Publication: 107

Citation (WoS): 726

Citation (Scopus): 346

H-Index (WoS): 15

H-Index (Scopus): 10

Congress and Symposium Activities

5th International Participated Entomopathogens and Microbial Control Congress, Attendee, Ankara, Turkey, 2015

Febilkon7 (Fen Bilimleri Enstitüleri Lisansüstü Eğitim Sempozyumu), Attendee, Mersin, Turkey, 2015

3rd International Congress of the Molecular Biology Association of Turkey, Attendee, İzmir, Turkey, 2014

Fenbilkon6 (Fen Bilimleri Enstitüleri Lisansüstü Eğitim Sempozyumu), Attendee, Isparta, Turkey, 2014

Fenbilkon5 (Fen Bilimleri Enstitüleri Lisansüstü Eğitim Sempozyumu), Attendee, Eskişehir, Turkey, 2013

Fenbilkon4 (Fen Bilimleri Enstitüleri Lisansüstü Eğitim Sempozyumu), Attendee, Zonguldak, Turkey, 2012

Fenbilkon3 (Fen Bilimleri Enstitüleri Lisansüstü Eğitim Sempozyumu), Attendee, Kayseri, Turkey, 2011

Non Academic Experience

Milli Eğitim Bakanlığı