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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri, Turkey 1998 - 2004

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Turkey 1994 - 1998

Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Turkey 1990 - 1994

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Deney Hayvanları Kullanım Sertifikası, Karadeniz Teknik Üniversitesi, 2010

Dissertations

Doctorate, Malacosoma neustria Nükleopolihedrovirüs (ManeNPV)'ün Malacosoma disstria Hücre Kültüründe In Vitro Replikasyonu ve Konak Spektrumunun Araştırılması, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2008

Postgraduate, Fuel Oil ile Kirlenmiş Topraklardan Bazı Pseudomonas Türlerinin İzolasyonu ve Karakterizasyonu, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 1998

Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Entomology, Insect Control, Forestry, Forest engineering, Forest Entomology and Conservation, Forest Protection, Life Sciences, Biotechnology, Microbial Biotechnology, Microbiology, Bacteriology, Mycology, Virology, Natural Sciences

Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2015 - Continues
Associate Professor, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2010 - 2015
Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2005 - 2010
Research Assistant PhD, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2004 - 2005
Research Assistant, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 1994 - 2004

Academic and Administrative Experience

Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2014 - Continues
Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2011 - Continues
Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2010 - 2011

Courses

Hücre Biyolojisi, Undergraduate, 2014 - 2015
Genel Mikrobiyoloji Laboratuvarı, Undergraduate, 2014 - 2015
Mikrofunguslar, Doctorate, 2014 - 2015
Ekonomik Entomoloji, Postgraduate, 2014 - 2015
Hücre Biyolojisi Laboratuvarı, Undergraduate, 2014 - 2015
Hücre Kültürü, Undergraduate, 2014 - 2015
Genel Mikrobiyoloji, Undergraduate, 2014 - 2015
Hücre Kültürü ve Viroloji Teknikleri, Postgraduate, 2013 - 2014
Çevre Biyoteknolojisi, Doctorate, 2013 - 2014
Böcek Biyolojisi, Postgraduate, 2012 - 2013
Virolojik Tanı, Doctorate, 2011 - 2012
Tıbbi Mikrobiyoloji, Undergraduate, 2009 - 2010
Mikoloji, Postgraduate, 2007 - 2008
Genel Biyoloji, Undergraduate, 2007 - 2008
Genel Biyoloji Laboratuvarı, Undergraduate, 2007 - 2008

Advising Theses

DEMİR İ., Chilo Iridescent Virus'e Ait 337L ve 295L Genlerinin İfadesi ve Proteinlerinin Birbirleriyle Etkileşimi, Postgraduate, E.KÜÇÜK(Student), 2014
DEMİR İ., Cydia pomonella Granülozsisvirüs (CpGV)'ün Cydia molesta'da Transkriptomal Analizi, Postgraduate, D.TOY(Student), 2013
DEMİR İ., Mısır Koçan Kurdu (Sesamia nonagrioides Lef. Lepidoptera: Noctuidea)'nun Bakteriyal Mücadele Etmeneinin Araştırılması, Postgraduate, A.ESKİ(Student), 2013
DEMİR İ., Dendroctonus micans (Kugelann)'tan izole edilen Beauveria bassiana (Balsamo)'nın Bazı Kabuk Böceklerinin Biyolojik Mücadelesinde Kullanılabilirliğinin Araştırılması, Postgraduate, S.KOCAÇEVİK(Student), 2012
DEMİR İ., Trabzon Yöresinden Entomopatojen Nematodların İzolasyonu, Karakterizasyonu ve Melolontha melolontha Üzerindeki Etkilerinin Araştırılması, Postgraduate, Z.ERBAŞ(Student), 2012
DEMİR İ., Grylotalpa grylotalpa'dan Entomopatojenik Fungusların İzolasyonu ve Karakterizasyonu, Postgraduate, E.SÖNMEZ(Student), 2012
DEMİR İ., Arılardaki Protozoon Parazitlerin Belirlenmesinde Moleküler Tekniklerin Optimizasyonu, Postgraduate, H.BAYRAKTAR(Student), 2011
DEMİR İ., Spodoptera littoralis'in Kültüre Edilebilir Bakteriyal Florasının Belirlenmesi ve Bakteriyal Mücadele Etmeneinin Araştırılması, Postgraduate, F.ÖZKAN(Student), 2011

- DEMİR İ., *Dendroctonus micans*'tan Entomopatogenik Fungusların İzolasyonu, Karakterizasyonu ve Mikrobiyal Mücadele Potansiyelinin Araştırılması, Postgraduate, E.TANYELİ(Student), 2011
- DEMİR İ., *Ostrinia nubilalis*'in Kültürü Edilebilir Bakteriyal Florasının Belirlenmesi ve Mikrobiyal Mücadele Etmeninin Araştırılması, Postgraduate, E.S.(Student), 2010
- DEMİR İ., *Malacosoma neustria* Orjinli *Bacillus thuringiensis*'e ait cry2ab Geninin Karakterizasyonu, Ekspresyonu ve İnsektisidal Aktivitesinin Araştırılması, Postgraduate, E.ERYÜZLÜ(Student), 2010
- DEMİR İ., *Malacosoma neustria* Nükleopolihedrovirüs (ManeNPV)'ün *Malacosoma disstria* Hücre Kültüründe In Vitro Replikasyonu ve Konak Spektrumunun Araştırılması, Postgraduate, N.GÜREL(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synergistic effect of *Metarhizium flavoviride* and *Serratia marcescens* on western flower thrips, *Frankliniella occidentalis* Pergande (Thysanoptera: Thripidae)**
Koç M., Bekircan Eski D., Güllü M., DEMİR İ., ESKİ A.
Egyptian Journal of Biological Pest Control, vol.34, no.1, 2024 (SCI-Expanded)
- II. **Prodigiosin, a promising biocontrol agent against *Thaumetopoea wilkinsoni* (Tams, 1926) (Lepidoptera: Notodontidae)**
Koç M., Eski D. B., DEMİR İ., ESKİ A.
Turkiye Entomoloji Dergisi, vol.48, no.3, pp.343-352, 2024 (SCI-Expanded)
- III. **Metabolic Dysfunction-Associated Fatty Liver Disease and Fibrosis Status in Patients with Type 2 Diabetes Treated at Internal Medicine Clinics: Türkiye DAHUDER Awareness of Fatty Liver Disease (TR-DAFLD) Study**
Şahintürk Y., Koker G., Koca N., SÜMBÜL H. E., Demir I., KESKİN H., Yaylaci S., Solmaz I., Acmaz B., Yildiz H., et al.
Turkish Journal of Gastroenterology, vol.36, no.8, pp.643-650, 2024 (SCI-Expanded)
- IV. **Isolation, Characterization, and Formulation of Indigenous *Beauveria bassiana* Fungus Against Colorado Potato Beetle, *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae)**
YILDIRIM K., ESKİ A., Biryol S., Erdoğan P., DEMİR İ.
Potato Research, vol.67, no.2, pp.583-601, 2024 (SCI-Expanded)
- V. **Entomopathogenic fungi with biological control potential against poultry red mite (*Dermanyssus gallinae*, Arachnida: Dermanyssidae)**
Bayramoğlu M., BAYRAMOĞLU Z., AYDIN L., Zengin S. A., ÇIRAK V. Y., DEMİRBAĞ Z., DEMİR İ.
Veterinary Parasitology, vol.328, 2024 (SCI-Expanded)
- VI. **Isolation and identification of bacteria from the invasive pest *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) and evaluation of their biocontrol potential**
ESKİ A., Erdoğan P., DEMİRBAĞ Z., DEMİR İ.
International Microbiology, vol.27, no.2, pp.631-643, 2024 (SCI-Expanded)
- VII. **Complete genome sequence analysis and genome organization of *Dasychira pudibunda* nucleopolyhedrovirus (DapuNPV-T1) from Turkey**
Gencer D., BAYRAMOĞLU Z., DEMİR İ.
Archives of Microbiology, vol.206, no.1, 2024 (SCI-Expanded)
- VIII. **Development of novel betabaculovirus (*HycuGV-Hc1*) as a biopesticide (*HycuGV-TR61*) and its efficacy on the fall webworm, *Hyphantria cunea* Drury (Lepidoptera: Erebidae) larvae**
BAYRAMOĞLU Z., Gencer D., DEMİR İ.
Egyptian Journal of Biological Pest Control, vol.33, no.1, 2023 (SCI-Expanded)
- IX. **Biological characteristics of a new entomopathogenic fungus detected in *Cydalima perspectalis* (Walker, 1859) (Lepidoptera: Crambidae)**
BAYRAMOĞLU Z., DEMİR İ., GENCER D.
NORTH-WESTERN JOURNAL OF ZOOLOGY, no.1, pp.11-16, 2023 (SCI-Expanded)
- X. **Isolation and identification of a fungal pathogen, *Beauveria bassiana* (Bals.-Criv.) Vuill. (Ascomycota: Hypocreales) from the Hatay yellow strain of silkworm, *Bombyx mori* L., 1758**

(Lepidoptera: Bombycidae) in Türkiye Türkiye'den Hatay sarısı ipekböceği irki, *Bombyx mori* L., 1758 (Lepidoptera: Bombycidae)'den bir fungal patojeni olan *Beauveria bassiana* (Bals.-Criv.) Vuill. (Ascomycota: Hypocreales)'nin izolasyonu ve tanımlanması

Gençer D., Ulaşlı B., Can F., DEMİR İ.

Turkiye Entomoloji Dergisi, vol.47, no.2, pp.189-197, 2023 (SCI-Expanded)

- XI. **An epizootic by a new nucleopolyhedrovirus variant on the Pale tussock larvae (Lepidoptera: Lymantriidae) in oriental beech forest**
Gencer D., ESKİ A., Acici O., DEMİR İ.
International Journal of Pest Management, 2023 (SCI-Expanded)
- XII. **Biological characteristics of a new entomopathogenic fungus detected in *Cydalima perspectalis* (Walker, 1859) (Lepidoptera: Crambidae)**
BAYRAMOĞLU Z., DEMİR İ., Gencer D.
North-Western Journal of Zoology, vol.19, no.1, pp.11-16, 2023 (SCI-Expanded)
- XIII. **Biocontrol of the western conifer seed bug, *Leptoglossus occidentalis* Heidemann (Heteroptera: Coreidae) using indigenous entomopathogenic fungi**
ESKİ A., Biryol S., Acici O., DEMİR İ.
Egyptian Journal of Biological Pest Control, vol.32, no.1, 2022 (SCI-Expanded)
- XIV. **Stability of *Metarhizium anisopliae* (Hypocreales: Clavicipitaceae) isolates during repeated in vitro subculture and evaluation of an oil-in-water mycoinsecticide**
Sonmez E., Uzunoglu H., Eski A., DEMİRBAĞ Z., DEMİR İ.
CANADIAN ENTOMOLOGIST, vol.154, no.1, 2022 (SCI-Expanded)
- XV. **Development of *Beauveria bassiana* (Ascomycota: Hypocreales) as a mycoinsecticide to control green peach aphid, *Myzus persicae* (Homoptera: Aphididae) and investigation of its biocontrol potential**
Biryol S., DEMİRBAĞ Z., Erdogan P., DEMİR İ.
JOURNAL OF ASIA-PACIFIC ENTOMOLOGY, vol.25, no.1, 2022 (SCI-Expanded)
- XVI. **Effect of plant phenolic compounds on the hemocyte concentration and antioxidant enzyme activity in *Hyphantria cunea* (Drury, 1773) (Lepidoptera: Arctiidae) larvae infected by *Hyphantria cunea* granulovirus1 *Hyphantria cunea* granulovirus tarafından enfekte edilen *Hyphantria cunea* (Drury,1773) (Lepidoptera: Arctiidae) larvalarının hemosit konsantrasyonu ve antioksidan enzim aktivitelerine bitki fenolik bileşiklerinin etkisi**
Yanar O., Topkara E. F., Mercan S., DEMİR İ., BAYRAMOĞLU Z.
Turkiye Entomoloji Dergisi, vol.46, no.1, pp.37-49, 2022 (SCI-Expanded)
- XVII. **Evaluation of the Effectiveness of Entomopathogens for the Control of Colorado Potato Beetle, *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae)**
ESKİ A., BAYRAMOĞLU Z., Sonmez E., Biryol S., DEMİR İ.
Journal of Agricultural Science and Technology, vol.24, no.2, pp.393-405, 2022 (SCI-Expanded)
- XVIII. **Isolation and characterization of novel *Spodoptera exigua* nucleopolyhedrovirus strains in Turkey and their potential for use in biological control**
GENCER D., BAYRAMOĞLU Z., MUTLU Ç., DEMİR İ.
ACTA VIROLOGICA, vol.66, no.4, pp.360-368, 2022 (SCI-Expanded)
- XIX. **Development of mycoinsecticide formulations with *Beauveria bassiana* and *Metarhizium brunneum* for the control of *Orosanga japonica* (Hemiptera: Ricaniidae)**
Biryol S., Güney E., Eski A., Bayramoğlu Z., Sezen K., Demirbağ Z., Demir İ.
ANNALS OF APPLIED BIOLOGY, vol.179, no.3, pp.319-330, 2021 (SCI-Expanded)
- XX. **Biodiversity and pathogenicity of entomopathogenic fungi associated with the lesser spruce sawfly, *Pristiphora abietina***
Biryol S., Araz N., Eski A., Akturk R., Aksu Y., Celik Gokturk B., Bilgin L., DEMİR İ.
ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA, vol.169, no.5, pp.414-423, 2021 (SCI-Expanded)
- XXI. **Genome sequence analysis and organization of the *Hyphantria cunea* granulovirus (HycuGV-Hc1) from Turkey**

- Gencer D., Bayramoglu Z., NALÇACIOĞLU R., DEMİRBAĞ Z., DEMİR İ.
GENOMICS, vol.112, no.1, pp.459-466, 2020 (SCI-Expanded)
- XXII. **Fungal pathogens of *Amphimallon solstitiale* Linnaeus, 1758 (Coleoptera: Scarabaeidae)**
Biryol S., Efe D., Eski A., DEMİRBAĞ Z., DEMİR İ.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.44, no.3, pp.375-384, 2020 (SCI-Expanded)
- XXIII. **Insecticidal activities of wild type and recombinant invertebrate iridescent viruses on five common pests**
Gencer D., Yesilyurt A., Gullu M., DEMİR İ., NALÇACIOĞLU R.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.44, no.3, pp.365-373, 2020 (SCI-Expanded)
- XXIV. **Microencapsulation of an indigenous isolate of *Bacillus thuringiensis* by spray drying**
Eski A., DEMİRBAĞ Z., DEMİR İ.
JOURNAL OF MICROENCAPSULATION, vol.36, no.1, pp.1-9, 2019 (SCI-Expanded)
- XXV. **Characterization of a novel baculovirus isolate from *Malacosoma neustria* (Linnaeus, 1758) (Lepidoptera: Lasiocampidae) in Samsun and its pathogenicity in different hosts**
Gencer D., YANAR O., Yesilyurt A., NALÇACIOĞLU R., DEMİR İ.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.43, no.4, pp.429-440, 2019 (SCI-Expanded)
- XXVI. **Improvement of delta-endotoxin production from local *Bacillus thuringiensis* Se13 using Taguchi's orthogonal array methodology**
ESKİ A., DEMİRBAĞ Z., DEMİR İ.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKİMYA DERGİSİ, vol.43, no.6, pp.662-670, 2018 (SCI-Expanded)
- XXVII. **Complete genome sequence analysis of the *Malacosoma neustria* nucleopolyhedrovirus from Turkey**
Gencer D., NALÇACIOĞLU R., DEMİRBAĞ Z., DEMİR İ.
VIRUS GENES, vol.54, no.5, pp.706-718, 2018 (SCI-Expanded)
- XXVIII. **Biodiversity and pathogenicity of bacteria associated with the gut microbiota of beet armyworm, *Spodoptera exigua* Hubner (Lepidoptera: Noctuidae)**
ESKİ A., DEMİR İ., Gullu M., DEMİRBAĞ Z.
MICROBIAL PATHOGENESIS, vol.121, pp.350-358, 2018 (SCI-Expanded)
- XXIX. **A novel alphabaculovirus isolated from the cotton bollworm, *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae): characterization and pathogenicity**
EROĞLU G. B., DEMİR İ., DEMİRBAĞ Z.
BIOLOGIA, vol.73, no.5, pp.545-551, 2018 (SCI-Expanded)
- XXX. **Determination of fungal pathogens of *Hypera postica* (Gyllenhal) (Coleoptera: Curculionidae): isolation, characterization, and susceptibility**
YÜCEL B., Gozuacik C., Gencer D., DEMİR İ., DEMİRBAĞ Z.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.28, 2018 (SCI-Expanded)
- XXXI. **Efficacy of native entomopathogenic nematodes from Turkey against the alder leaf beetle, *Agelastica alni* L. (Coleoptera: Chrysomelidae), under laboratory conditions**
BAYRAMOĞLU Z., DEMİR İ., İNAN C., DEMİRBAĞ Z.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.28, 2018 (SCI-Expanded)
- XXXII. **Characterization of a Betabaculovirus from the fall webworm, *Hyphantria cunea* Drury. (Lepidoptera: Erebidae), in Turkey**
BAYRAMOĞLU Z., NALÇACIOĞLU R., DEMİRBAĞ Z., DEMİR İ.
BIOCONTROL SCIENCE AND TECHNOLOGY, vol.28, no.12, pp.1178-1190, 2018 (SCI-Expanded)
- XXXIII. **Characterization of a nucleopolyhedrovirus variant of the gypsy moth, *Lymantria dispar* (Lepidoptera: Lymantriidae) in Turkey**
BAYRAMOĞLU Z., Gencer D., MURATOĞLU H., Efe D., NALÇACIOĞLU R., DEMİRBAĞ Z., DEMİR İ.
INTERNATIONAL JOURNAL OF PEST MANAGEMENT, vol.64, no.2, pp.119-127, 2018 (SCI-Expanded)
- XXXIV. **Characterisation of three Alphabaculovirus isolates from the gypsy moth, *Lymantria dispar* dispar**

(Lepidoptera: Erebidae), in Turkey

Gencer D., BAYRAMOĞLU Z., NALÇACIOĞLU R., Kleespies R. G., DEMİRBAĞ Z., DEMİR İ.

BIOCONTROL SCIENCE AND TECHNOLOGY, vol.28, no.2, pp.107-121, 2018 (SCI-Expanded)

- XXXV. **Efficacy of Entomopathogenic Fungi against the Alder Leaf Beetle *Agelastica alni* (L.) (Coleoptera: Chrysomelidae)**
SONMEZ E., Kocaçevik S., Sevim A., DEMİRBAĞ Z., DEMİR İ.
ACTA ZOOLOGICA BULGARICA, vol.69, no.4, pp.575-581, 2017 (SCI-Expanded)
- XXXVI. **A new biopesticide from a local *Bacillus thuringiensis* var. *tenebrionis* (Xd3) against alder leaf beetle (Coleoptera: Chrysomelidae)**
Eski A., DEMİR İ., SEZEN K., DEMİRBAĞ Z.
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.33, no.5, 2017 (SCI-Expanded)
- XXXVII. **The effect of plant quality on survival of *Lymantria dispar* L. (Lepidoptera: Lymantridae) larvae infected by nucleopolyhedrovirus**
YANAR O., GÖMEÇ S., TOPKARA E. F., DEMİR İ., DEMİRBAĞ Z.
JOURNAL OF THE ENTOMOLOGICAL RESEARCH SOCIETY, vol.19, pp.37-48, 2017 (SCI-Expanded)
- XXXVIII. **Microbial Control Potential of some Entomopathogenic Agents against the European Grapevine Moth, *Lobesia botrana* Schiff. (Lepidoptera: Tortricidae)**
Gholizad L. M., DEMİR İ., NALÇACIOĞLU R., DEMİRBAĞ Z.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, no.1, pp.35-39, 2017 (SCI-Expanded)
- XXXIX. **THE EFFECT OF PLANT QUALITY ON SURVIVAL OF LYMANTRIA DISPAR (LEPIDOPTERA: LYMANTRIIDAE) LARVAE INFECTED BY BACILLUS THURINGIENSIS BERLINER SUBSP KURSTAKI**
Yanar O., Gomec S., Topkara E. F., Solmaz G., DEMİR İ.
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, vol.15, no.3, pp.837-847, 2017 (SCI-Expanded)
- XL. **Pine processionary moth (*Thaumetopoea pityocampa*, Lepidoptera: Thaumetopoeidae) larvae are highly susceptible to the entomopathogenic fungi *Metarhizium brunneum* and *Beauveria bassiana***
SONMEZ E., DEMİR İ., Bull J. C., Butt T. M., DEMİRBAĞ Z.
BIOCONTROL SCIENCE AND TECHNOLOGY, vol.27, no.10, pp.1168-1179, 2017 (SCI-Expanded)
- XL1. **Isolation, characterization and virulence of entomopathogenic fungi from *Gryllotalpa gryllotalpa* (Orthoptera: Gryllotalpidae)**
SONMEZ E., Sevim A., DEMİRBAĞ Z., DEMİR İ.
APPLIED ENTOMOLOGY AND ZOOLOGY, vol.51, no.2, pp.213-223, 2016 (SCI-Expanded)
- XL2. **Virulence and horizontal transmission of *Beauveria pseudobassiana* SA Rehner & Humber in *Ips sexdentatus* and *Ips typographus* (Coleoptera: Curculionidae)**
Kocaçevik S., Sevim A., EROĞLU M., DEMİRBAĞ Z., DEMİR İ.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.2, pp.241-248, 2016 (SCI-Expanded)
- XL3. **Pathogenicity of selected entomopathogenic fungal isolates against the oak lace bug, *Corythucha arcuata* Say. (Hemiptera: Tingidae), under controlled conditions**
SONMEZ E., DEMİRBAĞ Z., DEMİR İ.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.5, pp.715-722, 2016 (SCI-Expanded)
- XL4. **Molecular characterization, virulence and horizontal transmission of *Beauveria pseudobassiana* from *Dendroctonus micans* (Kug.) (Coleoptera: Curculionidae)**
Kocacevik S., Sevim A., Eroglu M., Demirbag Z., Demir I.
JOURNAL OF APPLIED ENTOMOLOGY, vol.139, no.5, pp.381-389, 2015 (SCI-Expanded)
- XL5. **Identification and pathogenicity of bacteria from Mediterranean corn borer, *Sesamia nonagrioides* Lefèbvre, (Lepidoptera: Noctuidae)**
ESKİ A., ÖZKAN ÇAKICI F., GÜLLÜ M., MURATOĞLU H., DEMİRBAĞ Z., DEMİR İ.
TURKISH JOURNAL OF BIOLOGY, vol.39, pp.31-48, 2015 (SCI-Expanded)
- XL6. **A new entomopathogenic nematode species from Turkey, *Steinernema websteri* (Rhabditida: Steinernematidae), and its virulence**
GÖKÇE C., ERBAŞ Z., Yilmaz H., DEMİRBAĞ Z., DEMİR İ.
TURKISH JOURNAL OF BIOLOGY, vol.39, no.1, pp.167-174, 2015 (SCI-Expanded)

- XLVII. **Cloning and expression of chitinase A, B, and C (*chiA*, *chiB*, *chiC*) genes from *Serratia marcescens* originating from *Helicoverpa armigera* and determining their activities**
DANIŞMAZOĞLU M., DEMİR İ., SEZEN K., MURATOĞLU H., NALÇACIOĞLU R.
TURKISH JOURNAL OF BIOLOGY, no.1, pp.78-87, 2015 (SCI-Expanded)
- XLVIII. **Highly effective bacterial agents against *Cimex quadrimaculatus* (Hymenoptera: Cimbicidae): isolation of bacteria and their insecticidal activities**
CAKICI F. O., Ozgen I., Bolu H., ERBAŞ Z., DEMİRBAĞ Z., DEMİR İ.
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.31, no.1, pp.59-67, 2015 (SCI-Expanded)
- XLIX. **Bacterial isolates from *Palomena prasina* (Hemiptera: Pentatomidae) include potential microbial control agents**
ÖZŞAHİN E., SEZEN K., DEMİR İ., DEMİRBAĞ Z.
BIOCONTROL SCIENCE AND TECHNOLOGY, vol.24, no.9, pp.1039-1051, 2014 (SCI-Expanded)
- L. **A highly effective nucleopolyhedrovirus against *Malacosoma* spp. (Lepidoptera: Lasiocampidae) from Turkey: isolation, characterization, phylogeny, and virulence**
DEMİR İ., NALÇACIOĞLU R., Gholizad L. M., DEMİRBAĞ Z.
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Memberships / Tasks in Scientific Organizations

Türkiye Entomoloji Derneği, Member, 2007 - Continues

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TUBITAK Project, April 2015

Turkish Journal of Biological Control, National Scientific Refreed Journal, February 2015

Turkish Journal of Biology, SCI Journal, January 2015

TUBITAK Project, November 2014

TUBITAK Project, November 2014

Turkish Journal of Agriculture and Forestry, SCI Journal, October 2014

Turkish Journal of Agriculture and Forestry, SCI Journal, August 2014

Turkish Journal of Agriculture and Forestry, SCI Journal, July 2014

TUBITAK Project, July 2014

TUBITAK Project, May 2014
Turkish Journal of Agriculture and Forestry, SCI Journal, April 2014
Biochemical Systematics and Ecology, SCI Journal, April 2014
TUBITAK Project, April 2014
Bitki Koruma Bülteni, National Scientific Refreed Journal, March 2014
TUBITAK Project, January 2014
TUBITAK Project, December 2013
TUBITAK Project, December 2013
Turkish Journal of Agriculture and Forestry, SCI Journal, November 2013
Project Supported by Higher Education Institutions, November 2013
Turkish Journal of Biological Control, National Scientific Refreed Journal, October 2013
Turkish Journal of Biological Control, National Scientific Refreed Journal, June 2013
Turkish Journal of Agriculture and Forestry, SCI Journal, May 2013
Turkish Journal of Biological Control, National Scientific Refreed Journal, March 2013
Project Supported by Higher Education Institutions, September 2012
Journal of Applied Microbiology, SCI Journal, July 2012
BioControl, SCI Journal, May 2012
African Journal of Biotechnology , SCI Journal, July 2011
African Journal of Biotechnology , SCI Journal, July 2011
Project Supported by Higher Education Institutions, March 2011
Turkish Journal of Agriculture and Forestry, SCI Journal, February 2011
Turkish Journal of Biology , SCI Journal, September 2010
Project Supported by Higher Education Institutions, April 2010
Turkish Journal of Agriculture and Forestry, SCI Journal, March 2010
Project Supported by Higher Education Institutions, March 2010
African Journal of Biotechnology , SCI Journal, May 2009
Turkish Journal of Biological Control, National Scientific Refreed Journal, April 2009
African Journal of Biotechnology , SCI Journal, February 2009
TUBITAK Project, December 2008

Scientific Consultations

T.C. ORMAN GENEL MÜDÜRLÜĞÜ Doğu Karadeniz Ormancılık Araştırma Enstitüsü Müdürlüğü, Project Consultancy, Karadeniz Technical University, Fen Fakültesi, Biyoloji, Turkey, 2015 - Continues

Metrics

Publication: 280
Citation (WoS): 1078
Citation (Scopus): 1090
H-Index (WoS): 21
H-Index (Scopus): 22

Congress and Symposium Activities

Türkiye VII. Bitki Koruma Kongresi (Uluslararası Katılımlı), Attendee, Muğla, Turkey, 2018
International Agricultural, Biological & Life Science Conference, Attendee, Edirne, Turkey, 2018
International Ecology 2018 Symposium, Attendee, Kastamonu, Turkey, 2018

19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Attendee, Eskişehir, Turkey, 2017
6th Entomopatogens and Microbial Control Congress, Attendee, Tokat, Turkey, 2017
IX. International Congress on Hazelnut, Attendee, Samsun, Turkey, 2017
16th Meeting of the IOBC-WPRS Working Group, Attendee, Tbilisi, Georgia, 2017
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Attendee, Konya, Turkey, 2016
Symposium on EuroAsian Biodiversity, Attendee, Antalya, Turkey, 2016
5th Entomopatogens and Microbial Control Congress, Attendee, Ankara, Turkey, 2015
New Challenges for Biological Control, 15th Meeting of the IOBC/WPRS WG, Microbial and Nematode Control of Invertebrate Pests, Attendee, Rīga, Latvia, 2015
International conference on biopesticides, Attendee, Antalya, Turkey, 2014
22. Ulusal Biyoloji Kongresi, Attendee, Eskişehir, Turkey, 2014
22. Ulusal Biyoloji Kongresi, Session Moderator, Eskişehir, Turkey, 2014
Türkiye II. Orman Entomolojisi ve Patolojisi Sempozyumu, Attendee, Antalya, Turkey, 2014
Türkiye V. Bitki Koruma Kongresi, Attendee, Antalya, Turkey, 2014
4th International Entomopathogens and Microbial Control Symposium, Invited Speaker, Artvin, Turkey, 2013
4th International Entomopathogens and Microbial Control Symposium, Attendee, Artvin, Turkey, 2013
14th Meeting of the IOBC/WPRS Working Group, Insect Pathogens and Entomoparasitic Nematodes, Attendee, Zagreb, Croatia, 2013
8. Moleküler Biyoteknoloji Bahar Okulu, Invited Speaker, Trabzon, Turkey, 2013
8. Moleküler Biyoteknoloji Bahar Okulu, Attendee, Trabzon, Turkey, 2013
The First International Biology Congress in Kyrgyzstan, Session Moderator, Bishkek, Kyrgyzstan, 2012
The First International Biology Congress in Kyrgyzstan, Attendee, Bishkek, Kyrgyzstan, 2012
21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012
Türkiye I. Orman Entomolojisi ve Patolojisi Sempozyumu, Attendee, Antalya, Turkey, 2011
III. International Entomopathogens and Microbial Control Symposium, Attendee, İstanbul, Turkey, 2011
Türkiye IV. Bitki Koruma Kongresi, Attendee, K.Maraş, Turkey, 2011
43th Annual Meeting of Society for Invertebrate Pathology, Attendee, Trabzon, Turkey, 2010
Second International Participated Entomopathogen and Microbial Control Symposium, Attendee, Muğla, Turkey, 2009
Türkiye III. Bitki Koruma Kongresi, Attendee, Van, Turkey, 2009
19. Ulusal Biyoloji Kongresi, Attendee, Trabzon, Turkey, 2008
XV. Ulusal Biyoteknoloji Kongresi, Attendee, Antalya, Turkey, 2007
Türkiye II. Bitki Koruma Kongresi, Attendee, Isparta, Turkey, 2007
Entomopatojenler ve Mikrobiyal Mücadele Sempozyumu, Attendee, Trabzon, Turkey, 2007
XVIII. Ulusal Biyoloji Kongresi, Attendee, Aydın, Turkey, 2006
XIV. Biyoteknoloji Kongresi, Attendee, Eskişehir, Turkey, 2005
XVII. Ulusal Biyoloji Kongresi, Attendee, Adana, Turkey, 2004
XIII. Biyoteknoloji Kongresi, Attendee, Çanakkale, Turkey, 2003
Türkiye 5. Biyolojik Mücadele Kongresi, Attendee, Erzurum, Turkey, 2002
1st Eurasian Congress on Molecular Biotechnology, Attendee, Trabzon, Turkey, 2001
XI. KÜKEM-Biyoteknoloji Kongresi, Attendee, Isparta, Turkey, 1999
7th European Meeting of the IOBC/WPRS Working Group, Attendee, Wien, Austria, 1999
III. Ulusal Biyoteknoloji Sempozyumu, Attendee, Eskişehir, Turkey, 1998
Proceeding of 1st International Workshop on "Environmental Quality and Environmental Engineering in the Middle East Region", Attendee, Konya, Turkey, 1998
10. KÜKEM Kongresi, Attendee, Mersin, Turkey, 1997
9. KÜKEM Kongresi, Attendee, Denizli, Turkey, 1995

Non Academic Experience

KTU, Fen Fakültesi, Biyoloji Bölümü

KTU, Fen Edebiyat Fakültesi, Biyoloji Bölümü

KTU, Fen Edebiyat Fakültesi, Biyoloji Bölümü

KTU, Fen Edebiyat Fakültesi, Biyoloji Bölümü