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International Researcher IDs

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Publons / Web Of Science ResearcherID: GXV-0837-2022

ScopusID: 57972671900

Yoksis Researcher ID: 404889

Education Information

Doctorate, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, Turkey 2024 - Continues

Postgraduate, Bursa Uludağ University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2021 - 2024

Undergraduate, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, Turkey 2016 - 2021

Dissertations

Postgraduate, Entomopatojen Nematod Heterorhabditis bacteriophora HBH Hibrit Irkının Konukçu Arama Davranışı Yüksek Bireylerinin Elde Edilmesi ve Bunların Bazı Biyolojik Farklılıklarının Araştırılması, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, 2024

Research Areas

Plant Protection, Entomology, Nematology

Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2024 - Continues

Academic and Administrative Experience

Unit Accreditation Board Member, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, 2024 - Continues

Birim Kalite Komisyonu Üyesi, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Is there any relationship between the effectiveness of some Heterorhabditis bacteriophora isolates on the host and their average penetration rate?

Susurluk H., Bütüner A. K., Ergene E., Yaraşır O. N., Susurluk İ. A.

JOURNAL OF STORED PRODUCTS RESEARCH, vol.108, pp.1-6, 2024 (SCI-Expanded)

- II. **Impact of some entomopathogenic nematode isolates on the mortality and penetration rate of *Rhizopertha dominica* and *Tenebrio molitor***
Bütüner A. K., Ergene E., Ilktan M., Sepin S., Susurluk H., Susurluk İ. A.
CROP PROTECTION, vol.179, 2024 (SCI-Expanded)
- III. **The role of drought in the efficacy of some entomopathogenic nematodes**
Susurluk A., Bütüner A. K.
TURKIYE ENTOMOLOJİ DERGİSİ, vol.48, no.1, pp.103-110, 2024 (SCI-Expanded)
- IV. **Physiological reactions of some entomopathogenic nematodes to long-term storage**
Bütüner A. K., Susurluk İ. A.
TURKIYE ENTOMOLOJİ DERGİSİ, vol.48, no.3, pp.261-269, 2024 (SCI-Expanded)
- V. **Enhancing Pest Detection: Assessing *Tuta absoluta* (Lepidoptera: Gelechiidae) Damage Intensity in Field Images through Advanced Machine Learning**
Bütüner A. K., Şahin Y. S., Erdiñç A., Erdoğan H., Lewis E.
Tarım Bilimleri Dergisi, vol.30, no.1, pp.99-107, 2024 (SCI-Expanded)
- VI. **Effects of storage temperature on viability and virulence of entomopathogenic nematodes *Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae), *Steinernema carpocapsae* Weiser, 1955 and *Steinernema feltiae* Filipjev, 1934 (Rhabditida: Steinernematidae)**
Butuner A. K., Ilktan M., SUSURLUK İ. A.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.47, no.3, pp.247-257, 2023 (SCI-Expanded)
- VII. **Efficiency of temperature and storage duration on some morphological measurements and reproductive capacity of the entomopathogenic nematode *Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae)'s Turkish HBH hybrid strain**
Butuner A. K., Susurluk A.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.47, pp.469-476, 2023 (SCI-Expanded)
- VIII. **Biocontrol potential of *Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae) HBH hybrid strain against the beet webworm, *Loxostege sticticalis* L., 1761 (Lepidoptera: Pyralidae)**
Dede E., Butuner A. K., SUSURLUK İ. A.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.46, no.4, pp.399-405, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Recent Advances on the Potential Control of *Rhizopertha dominica* Fab. (Coleoptera: Bostrichidae)**
Yaraşır O. N., Bütüner A. K., Susurluk H.
Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.38, no.2, pp.449-456, 2024 (Peer-Reviewed Journal)
- II. **Pathogenicity of the *Steinernema feltiae* TUR-S3 (Rhabditida: Steinernematidae) Isolate on *Oryzaephilus surinamensis* (Coleoptera: Silvanidae) and *Tribolium confusum* (Coleoptera: Tenebrionidae)**
YARAŞIR O. N., ERGENE E., BÜTÜNER A. K., SUSURLUK H., SUSURLUK İ. A.
Türk Tarım ve Doğa Bilimleri Dergisi, vol.11, no.2, pp.409-416, 2024 (Peer-Reviewed Journal)
- III. **Effects of a native diatomaceous earth on *Oryzaephilus surinamensis* (L., 1758) (Coleoptera: Silvanidae), and *Acanthoscelides obtectus* (Say, 1831) (Coleoptera: Chrysomelidae)**
Susurluk H., Butuner A. K.
Harran Tarım ve Gıda Bilimleri Dergisi, vol.28, no.1, pp.49-59, 2024 (Peer-Reviewed Journal)

- IV. **Effects of a local diatomaceous earth on *Oryzaephilus surinamensis* (L., 1758) (Coleoptera: Silvanidae), and *Acanthoscelides obtectus* (Say, 1831) (Coleoptera: Chrysomelidae)**
Susurluk H., Bütüner A. K.
Harran Tarım ve Gıda Bilimleri Dergisi, vol.28, no.1, pp.49-59, 2024 (Peer-Reviewed Journal)
- V. **Pathogenicity of the *Steinernema feltiae* (Rhabditida: Steinernematidae) TUR-S3 Isolate on *Oryzaephilus surinamensis* (Coleoptera: Silvanidae) and *Tribolium confusum* (Coleoptera: Tenebrionidae)**
Yaraşır O. N., Ergene E., Bütüner A. K., Susurluk H., Susurluk I. A.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.11, no.2, pp.409-416, 2024 (Peer-Reviewed Journal)
- VI. **Machine Learning-Based Detection and Severity Assessment of Sunflower Powdery Mildew: A Precision Agriculture Approach**
Bütüner A. K., Şahin Y. S., Erdiñç A., Erdoğan H.
Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.37, no.2, pp.387-400, 2023 (Peer-Reviewed Journal)
- VII. **Türk Entomopatojen Nematodların, *Steinernema feltiae* ve *Steinernema carpocapsae* (Rhabditida: Steinernematidae) Piriñç Biti *Sitophilus oryzae* (Coleoptera: Curculionidae) Üzerinde Patojenisitesi**
Bütüner A. K., Susurluk İ. A.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.10, no.3, pp.541-547, 2023 (Peer-Reviewed Journal)
- VIII. **Potential for Early Detection of Powdery Mildew in Okra Under Field Conditions Using Thermal Imaging**
Şahin Y. S., Bütüner A. K., Erdoğan H.
SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT, vol.23, no.3, pp.863-870, 2023 (ESCI)
- IX. **Detection of *Tuta absoluta* larvae and their damages in tomatoes with deep learning-based algorithm**
Şahin Y. S., Erdiñç A., Bütüner A. K., Erdoğan H.
INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING, vol.14, no.3, pp.555-565, 2023 (ESCI)
- X. **Detection of Cucurbit Powdery Mildew, *Sphaerotheca fuliginea* (Schlech.) Polacci by Thermal Imaging in Field Conditions**
Erdoğan H., Bütüner A. K., Şahin Y. S.
SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT, vol.23, no.1, pp.189-192, 2023 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluating the Toxic Effects of Pesticides on Non-Target Organisms: A Current Review**
Ergene E., Bütüner A. K., Susurluk H.
3rd International Aegean Congress on Scientific Research, İzmir, Turkey, 20 - 22 December 2024, pp.0-1
- II. **A Review of Utilizing Entomopathogenic Nematodes for Controlling Storage Pests**
Bütüner A. K., Susurluk İ. A.
AGROSYM 2024, Sarajevo, Bosnia And Herzegovina, 10 - 13 October 2024, pp.419
- III. **Evaluation on The Impact of Global Warming on Entomopathogenic Nematodes**
Bütüner A. K., Susurluk İ. A.
VI. International Agricultural, Biological and Life Sciences Conference (AGBIOL 2024), Edirne, Turkey, 19 - 22 September 2024, pp.425-430

Supported Projects

Ünal H., Susurluk I. A., Erdoğan H., Ulu T. C., Bütüner A. K., TUBITAK Project, Görüntü İşleme ile Çiçek Tripsi, *Frankliniella Occidentalis* (Thripidae:Thysanoptera) Zararının Tespiti ve Mücadelesi için Entomopatojen Nematodların Robotik Sistem ile Uygulanması, 2022 - 2025

Activities in Scientific Journals

Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), Editor, 2024 - Continues

Memberships / Tasks in Scientific Organizations

European Society of Nematologist, Member, 2024 - Continues, Netherlands

Türkiye Entomoloji Derneği, Member, 2023 - Continues, Turkey

Scientific Refereeing

INTERNATIONAL JOURNAL OF PEST MANAGEMENT, SCI Journal, October 2024

CROP PROTECTION, SCI Journal, October 2024

Metrics

Publication: 21

Citation (WoS): 19

Citation (Scopus): 26

H-Index (WoS): 3

H-Index (Scopus): 4