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International Researcher IDs

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Publons / Web Of Science ResearcherID: EAX-3835-2022

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Education Information

Doctorate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 2002 - 2008

Postgraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 1999 - 2002

Undergraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 1995 - 1999

Dissertations

Doctorate, İki benekli kırmızıörümcek *Tetranychus urticae* koch (Acarina: Tetranychidae)'de piretroit insektisitlere karşı oluşan direncin moleküler karakterizasyonu, Ankara University, Fen Bilimleri Enstitüsü, 2008

Postgraduate, Spodoptera littoralis (boisduval) (Lepidoptera:Noctuidae)'e karşı bazı Tanacetum spp. (Compositae) ekstraktlarının biyolojik aktivitelerinin belirlenmesi / Determination of biological activities of some Tanacetum spp. (Compositae) extracts against Spodoptera littoralis (boisduval) (Lepidoptera:Noctuidae), Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, 2002

Research Areas

Insect Control, Pesticides and Environmental Pollution, Acarology

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2023 - Continues

Engineer, Bursa Uludağ University, U.Ü.Bilim ve Teknoloji Uygulama ve Araştırma Merkezi, 2022 - 2022

Research Assistant, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, 2000 - 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Potential use of essential oils from *Origanum vulgare* and *Syzygium aromaticum* to control *Tetranychus urticae* Koch (Acari: Tetranychidae) on two host plant species
SUSURLUK H.
PEERJ, vol.11, 2023 (SCI-Expanded)
- II. The effects of lambda-cyhalothrin and bifenthrin resistance on the fitness of *Tetranychus urticae*

- Koch (Acari: Tetranychidae)**
 Susurluk H., Gurkan M. O.
 SYSTEMATIC AND APPLIED ACAROLOGY, vol.27, no.3, pp.525-537, 2022 (SCI-Expanded)
- III. Mode of inheritance and biochemical mechanisms underlying lambda-cyhalothrin and bifenthrin resistance in the laboratory-selected two-spotted spider mite, *Tetranychus urticae***
 Susurluk H., Gurkan M. O.
 CROP PROTECTION, vol.137, 2020 (SCI-Expanded)
- IV. Concentration of sodium dodecyl sulfate used in occlusion body extraction affects *Spodoptera littoralis* nucleopolyhedrovirus biological activity**
 Susurluk H., TOPRAK U., Gurkan M. O.
 TURKISH JOURNAL OF BIOLOGY, vol.37, no.2, pp.171-175, 2013 (SCI-Expanded)
- V. A comparative evaluation of the susceptibility to insecticides and detoxifying enzyme activities in *Stethorus gilvifrons* (Coleoptera: Coccinellidae) and *Panonychus ulmi* (Acarina: Tetranychidae)**
 KUMRAL N. A., GENÇER N. S., Susurluk H., Yalcin C.
 INTERNATIONAL JOURNAL OF ACAROLOGY, vol.37, no.3, pp.255-268, 2011 (SCI-Expanded)
- VI. INTERACTIONS AMONG POPULATIONS OF PREDATORY MITES AND INSECT AND MITE PESTS ON OLIVE TREES IN TURKEY**
 KUMRAL N. A., Susurluk H., Cobanoglu S.
 INTERNATIONAL JOURNAL OF ACAROLOGY, vol.36, no.6, pp.463-471, 2010 (SCI-Expanded)
- VII. Olfactory response of the ladybird beetle *Stethorus gilvifrons* to two preys and herbivore-induced plant volatiles**
 GENÇER N. S., KUMRAL N. A., Sivritepe H. O., Seidi M., Susurluk H., Senturk B.
 PHYTOPARASITICA, vol.37, no.3, pp.217-224, 2009 (SCI-Expanded)
- VIII. Resistance to chlorpyrifos and lambda-cyhalothrin along with detoxifying enzyme activities in field-collected female populations of European red mite**
 KUMRAL N. A., Susurluk H., GENÇER N. S., GÜRKAN M. O.
 PHYTOPARASITICA, vol.37, no.1, pp.7-15, 2009 (SCI-Expanded)
- IX. Antifeedant activity of some *Tanacetum* species and bioassay guided isolation of the secondary metabolites of *Tanacetum cadmeum* ssp *cadmeum* (Compositae)**
 Susurluk H., Caliskan Z., Guerkan O., Kirmiziguel S., Goeren N.
 INDUSTRIAL CROPS AND PRODUCTS, vol.26, no.2, pp.220-228, 2007 (SCI-Expanded)
- X. Viral-enhancing activity of an optical brightener for *Spodoptera littoralis* (Lepidoptera : Noctuidae) nucleopolyhedrovirus**
 Toprak U., Susurluk H., Oktay Gurkan M.
 BIOCONTROL SCIENCE AND TECHNOLOGY, vol.17, no.4, pp.423-431, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. 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 İ. A.
 TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, 2024 (Peer-Reviewed Journal)
- II. Effects of a local diatomaceous earth on *Oryzaephilus surinamensis* (L., 1758) (Coleoptera: Silvanidae), and *Acanthoscelides obtectus* (Say, 1831) (Coleoptera: Chrysomelidae)**
 Susurluk H., Büyüner A. K.
 Harran Tarım ve Gıda Bilimleri Dergisi, vol.28, no.1, pp.49-59, 2024 (Peer-Reviewed Journal)
- III. First application of two distinction techniques: Using Linear Discriminate Function method and Artificial Neural Networks approach according to the ovary types for some plant parasitic nematodes**

- TAN A. N., TAN A., SUSURLUK H.
 Harran Tarım ve Gıda Bilimleri Dergisi, vol.26, no.1, pp.1-14, 2022 (Peer-Reviewed Journal)
- IV. Effects of *Tanacetum cadmeum* ssp. *orientale* (Compositae)' EtOAc Extract Fractions on Feeding Behaviour of *Spodoptera littoralis* (Lepidoptera: Noctuidae)
 SUSURLUK H., GÜRKAN M. O.
 Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.23, no.1, pp.27-32, 2009 (Peer-Reviewed Journal)
- V. Sentetik piretroitli pestisitlere dirençli bir *Tetranychus urticae* Koch (Acarina: Tetranychidae) popülasyonunun hayat tablosu parametrelerine azadirachtin'in etkisi
 KUMRAL N. A., SUSURLUK H.
 Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.21, no.1, pp.23-30, 2007 (Peer-Reviewed Journal)
- VI. The Efficacy of Spinosad on Different Strains of *Spodoptera littoralis* (Boisduval) (Lepidoptera: Noctuidae)
 AYDIN H., GÜRKAN M. O.
 TURKISH JOURNAL OF BIOLOGY, vol.30, no.1, pp.5-9, 2006 (Scopus)
- VII. Böceklerde İnsektisit Direncinin Moleküller Mekanizmaları
 AYDIN H., ÇOBANOĞLU S., GÜRKAN M. O.
 Çukurova Üniversitesi Ziraat Fakültesi Dergisi, vol.20, no.3, pp.43-52, 2005 (Peer-Reviewed Journal)
- VIII. Competitive Abilities of the Entomopathogenic Nematodes *Steinernema feltiae* and *Heterorhabditis bacteriophora* in the Same Host at Different Temperatures
 AYDIN H., SUSURLUK İ. A.
 TURKISH JOURNAL OF BIOLOGY, vol.29, no.1, pp.35-39, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

- I. Coleoptera Takımının Virüs Vektörü Türleri
 SUSURLUK H., ERGENE E.
 in: Ziraat, Orman ve Su Ürünleri Alanında Uluslararası Araştırmalar IX, NEVİN AKDURA, Editor, EĞİTİM YAYINEVİ, İstanbul, pp.1-29, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. EFFECT OF DIATOMACEOUS EARTH ON STORED PRODUCT PEST *Oryzaphilus surinamensis* L. (Col: Silvanidae)
 SUSURLUK H.
 IV. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 31 August - 02 September 2022
- II. EFFECTIVENESS OF HYBRID ENTOMOPATHOGEN NEMATODE HETERORHABDITIS BACTERIOPHORA HBH ON *ORYZAPHILUS SURINAMENSIS*
 SUSURLUK H.
 2. INTERNATIONAL HASANKEYF SCIENTIFIC STUDIES AND INNOVATION CONGRESS, Batman, Turkey, 25 - 26 June 2022
- III. *Tetranychus urticae* Koch (Acarı: Tetranychidae)'de Lambda cyhalothrin ve Bifenthrin Direncinin Kalıtımı
 SUSURLUK H., GÜRKAN M. O.
 Türkiye II. Bitki Koruma Kongresi, Isparta, Turkey, 27 - 29 August 2007
- IV. Impact of SDS in Baculovirus Occlusion Body Purification Buffer on Biological Activity
 SUSURLUK H., TOPRAK U., GÜRKAN M. O.
 Society for Invertebrate Pathology Annual Meeting, August 27-September 1, 2006, Wuhan-China, Wuhan, China, 27 August - 01 September 2006
- V. Susceptibility of different two-spotted spider mite field populations (*Tetranychus urticae*)

(Tetranychidae) from Turkey to three insecticide-acaricide pyrethroids

AKGÜNLÜ F. Z., AYDIN H., GÜRKAN M. O.

12th International Congress of Acarology, Amsterdam, Netherlands, 21 - 26 August 2006

VI. Tanacetum cadmeum ssp. cadmeum bitkisinin sekonder metabolitlerinin yapılarının tayini ve aktivitelerinin saptanması

ÇALIŞKAN Z., AYDIN H., KIRMIZİGÜL S., GÜRKAN M. O., GÖREN N.

XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004