

Prof. FEDAI ERLER

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International Researcher IDs

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Yoksis Researcher ID: 2719

Education Information

Doctorate, Akdeniz University, Institute of Science, Bitki Koruma, Turkey 1995 - 2000

Postgraduate, Akdeniz University, Institute of Science, Bitki Koruma, Turkey 1991 - 1994

Undergraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 1985 - 1989

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, High Value Products, ARO (Agricultural Research Organization) Volcani Center, 1996

Dissertations

Doctorate, Bitki Kökenli Bileşiklerin Böcek ve Akarlarla Mücadelede Kullanılma Potansiyeli Üzerinde Araştırmalar, Akdeniz University, Institute of Science, Bitki Koruma, 2000

Postgraduate, Antalya İlinde Bulunan Kabuklubit (Homoptera: Diaspididae) Türleri, Konukçuları, Yayılışları ve Doğal Düşmanları Üzerinde Araştırmalar, Akdeniz University, Institute of Science, Bitki Koruma, 1994

Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Entomology, Insect Control

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, 2010 - Continues

Associate Professor, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, 2005 - 2010

Assistant Professor, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, 2002 - 2005

Academic and Administrative Experience

Head of Department, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, 2013 - 2020

Head of Department, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, 2013 - 2020

Courses

Entegre Mücadele, Postgraduate, 2013 - 2014

Park-Süs Bitkileri Hastalık ve Zararlıları, Undergraduate, 2013 - 2014

Entomofag Böcekler, Doctorate, 2013 - 2014

Bahçe Bitkileri Zararlıları , Undergraduate, 2013 - 2014

Örtüaltı Hastalık ve Zararlıları, Undergraduate, 2013 - 2014

Süs Bitkileri Zararlıları, Postgraduate, 2013 - 2014

Entomoloji, Undergraduate, 2013 - 2014

Advising Theses

Erler F., Antalya ilindeki entomopatojen fungusların izolasyonu, morfolojik ve moleküler tanısı ile önemlilerinin *Tetranychus urticae* Koch. (Acarina: Tetranychidae)'nin ergin ve yumurta dönemlerine karşı etkinliklerinin test edilmesi, Postgraduate, B.İMREK(Student), 2021

Erler F., Batı çiçek tripsi *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae)'den entomopatojen fungus izolasyonu, tanılanması ve zararlıya karşı etkinliklerinin test edilmesi, Doctorate, M.KIRIŞIK(Student), 2021

Erler F., Antalya'da farklı bölgelerden izole edilen entomopatojen fungusların morfolojik ve moleküler tanısı, *Aphis gossypii* ve *Myzus persicae*'ye karşı etkinliklerinin belirlenmesi, Doctorate, D.BAKI(Student), 2021

Erler F., Bazı bitki uçucu yağları ve anabilesenlerinin depo zararlıları *acanthoscelides obtectus* say (Coleoptera: Bruchidae) ve *Sitophilus oryzae* L. (Coleoptera: Curculionidae)'ye karşı kaçırıcı ve böcek gelişimini engelleyici etkilerinin araştırılması, Doctorate, A.HATEGEKIMANA(Student), 2020

Erler F., Antalya il merkezinde park ve bahçelerde bulunan entomofag (predatör ve parazitoit) böcekler üzerine bir araştırma, Postgraduate, Ö.BALKAN(Student), 2019

Erler F., Antalya ili zeytin alanlarında (*Bactrocera oleae* Gmel.) (Diptera: Tephritidae) ile mücadelede değişik uzak tiplerinin ergin bireyleri yakalamadaki etkinlikleri üzerine bir araştırma, Postgraduate, G.ŞENEL(Student), 2019

Erler F., Antalya ilinde domateste görülen yeni bir zararlı olan *Lasioptera* sp.'nin mekaniksel ve kimyasal mücadelesine yönelik araştırmalar, Postgraduate, D.BEK(Student), 2018

Erler F., Örtüaltı biber yetiştiriciliğinde batı çiçek tripsi, *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae)'e karşı predatör akar, *Amblyseius swirskii* (Athias-henriot) (Acari: Phytoseiidae) ve predatör böcek, *Orius laevigatus* (Fieber) (Hemiptera: Anthocoridae)'un etkinliklerinin ayrı ayrı ve birlikte değerlendirilmesi, Postgraduate, G.HİKMET(Student), 2015

Erler F., Bazı bitki uçucu yağları ve ana bileşenlerinin mantar *scatopsid* sinekleri (Diptera: Scatopsidae) üzerine fümigant etkilerinin araştırılması, Postgraduate, G.BAŞBAĞCI(Student), 2012

ERLER F., Bazı Bitki Uçucu Yağları ve Anabilesenlerinin Mantar Cecid Sinekleri (Diptera: Cecidomyiidae) Üzerine Fümigant Etkilerinin Araştırılması, Postgraduate, T.ÇEVİK(Student), 2011

Erler F., Bitki kökenli bileşiklerin *unlubit* (*Planococcus citri* Risso)'e karşı biyolojik aktiviteleri üzerine araştırmalar, Postgraduate, T.ERDEMİR(Student), 2008

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Çukurova Üniversitesi, October, 2019
Associate Professor Exam, Associate Professor Exam, Harran Üniversitesi, March, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Akdeniz Üniversitesi, August, 2018
Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, April, 2017
Associate Professor Exam, Associate Professor Exam, Süleyman Demirel Üniversitesi, April, 2016
Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, March, 2016
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Akdeniz Üniversitesi, December, 2015
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Süleyman Demirel Üniversitesi, October, 2015
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Harran Üniversitesi, August, 2015
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Akdeniz Üniversitesi, July, 2015
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Akdeniz Üniversitesi, September, 2014
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Akdeniz Üniversitesi, August, 2014
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Siirt Üniversitesi, July, 2014
Associate Professor Exam, Associate Professor Exam, Akdeniz University, September, 2013
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Selçuk Üniversitesi, January, 2013
Associate Professor Exam, 2012 Ekim Dönemi, Akdeniz Üniversitesi, October, 2012
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sakarya Üniversitesi, April, 2012
Associate Professor Exam, 2011 Nisan Dönemi, Ankara Üniversitesi, April, 2011
Post Graduate, Post Graduate, Sultan Qaboos University, November, 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of indigenous isolates of *Beuveria bassiana* (Balsamo) Vuillemin (Deuteromycotina: Hyphomycetes) against the cotton aphid *Aphis gossypii* Glover**
Baki D., ERLER F.
Journal of Plant Diseases and Protection, vol.131, no.5, pp.1583-1595, 2024 (SCI-Expanded)
- II. **Isolation and molecular identification of entomopathogenic fungi from the Western flower thrips [*Frankliniella occidentalis* (Pergande)], and evaluation of their efficacy against the pest**
Kirisik M., ERLER F.
Journal of Plant Diseases and Protection, vol.131, no.3, pp.719-730, 2024 (SCI-Expanded)
- III. **Comparative fumigant and contact toxicities of single, binary and tertiary combinations of three plant essential oils against *Aphis gossypii* Glover (Hemiptera: Aphididae)**
Kirişik M., Çinar O., ERLER F.
Journal of Plant Diseases and Protection, vol.131, no.2, pp.413-421, 2024 (SCI-Expanded)
- IV. **Evaluation of Potential of Indigenous Entomopathogenic Fungal Isolates for Biological Control of Potato Tuber Moth, *Phthorimaea operculella* (Zeller)**
Kirişik M., ERLER F.
Potato Research, vol.67, no.1, pp.293-305, 2024 (SCI-Expanded)
- V. **Field testing of a new-designed light trap for mass-trapping of May–June beetles (Coleoptera: Scarabaeidae) in horticultural areas**
ERLER F., TOSUN H. Ş.
Journal of Plant Diseases and Protection, vol.130, no.6, pp.1229-1237, 2023 (SCI-Expanded)
- VI. **Mass-trapping the codling moth, *Cydia pomonella* (L.) (Lepidoptera: Tortricidae), using newly designed light trap reduces fruit damage in apple orchards**
ERLER F., TOSUN H. Ş.
Journal of Plant Diseases and Protection, vol.130, no.4, pp.795-807, 2023 (SCI-Expanded)

- VII. **Deployment of *Cicer echinospermum* PH Davis for resistance to *Callosobruchus chinensis* L.**
Eker T., ERLER F., Sari H., SARI YOL D., Berger J., TOKER C.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.129, no.4, pp.843-851, 2022 (SCI-Expanded)
- VIII. **A New-Designed Light Trap for the Control of Potato Tuber Moth, *Phthorimaea operculella* (Zeller) (Lepidoptera: Gelechiidae), in Stored Potatoes**
Kirisik M., Erler F., Kahraman T.
POTATO RESEARCH, vol.66, no.1, pp.245-254, 2022 (SCI-Expanded)
- IX. **Laboratory and field evaluation of a pyrethrum-based product (Agrothrin (R)) for the protection of stored beans from *Acanthoscelides obtectus* (Say) (Coleoptera: Chrysomelidae) in Rwanda**
Hategekimana A., ERLER F.
INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE, vol.42, no.1, pp.471-478, 2022 (SCI-Expanded)
- X. **Mass trapping using a new-designed light trap as a viable alternative to insecticides for the management of dipteran pests of cultivated mushrooms**
ERLER F., Bayram Y.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.129, no.1, pp.63-69, 2022 (SCI-Expanded)
- XI. **Integrated pest management of *Tuta absoluta*: practical implementations across different world regions**
Desneux N., Han P., Mansour R., Arno J., Brevault T., Campos M. R., Chailleux A., Guedes R. N. C., Karimi J., Konan K. A. J., et al.
JOURNAL OF PEST SCIENCE, vol.95, no.1, pp.17-39, 2022 (SCI-Expanded)
- XII. **Evaluation of oviposition deterrent activity of four oily substances against winterform females of pear psylla, *Cacopsylla pyri***
Oz V., ERLER F.
BULLETIN OF INSECTOLOGY, vol.74, no.2, pp.285-290, 2021 (SCI-Expanded)
- XIII. **Effectiveness of various combinations of three main gases (oxygen, carbon dioxide and nitrogen) through modified atmospheres on pulse beetle, *Callosobruchus maculatus* (F) population in stored green grams**
Ingabire J. P., Hategekimana A., Bhuvanewari K., ERLER F.
INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE, vol.41, no.4, pp.3233-3240, 2021 (SCI-Expanded)
- XIV. **Efficacy of mass trapping of tomato moth, *Tuta absoluta* (Meyrick, 1917) (Lepidoptera: Gelechiidae), using a new-designed light trap in reducing leaf and fruit damages in greenhouse-grown tomatoes**
ERLER F., Bayram Y.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.128, no.5, pp.1177-1185, 2021 (SCI-Expanded)
- XV. **Evaluation of resistance in 16 eggplant genotypes to the two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae)**
Kirisik M., ERLER F., Boyaci F., Bayram Y.
PHYTOPARASITICA, vol.49, no.2, pp.275-285, 2021 (SCI-Expanded)
- XVI. **Efficacy of indigenous isolates of *Beauveria bassiana* (Balsamo) Vuillemin (Deuteromycota: Hyphomycetes) against the Colorado potato beetle, *Leptinotarsa decemlineata* (Say) (Coleoptera: Chrysomelidae)**
Baki D., TOSUN H. Ş., ERLER F.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.31, no.1, 2021 (SCI-Expanded)
- XVII. **Indigenous entomopathogenic fungi as potential biological control agents of rose sawfly, *Arge rosae* L. (Hymenoptera: Argidae)**
Baki D., TOSUN H. Ş., ERLER F.
TURKISH JOURNAL OF ZOOLOGY, vol.45, no.7, pp.517-525, 2021 (SCI-Expanded)
- XVIII. **ISOLATION AND MORPHO-MOLECULAR IDENTIFICATION OF INDIGENOUS SOIL-BORNE ENTOMOPATHOGENIC FUNGI, AND THEIR PATHOGENICITY TO *GALLERIA MELLONELLA* L. (LEPIDOPTERA: PYRALIDAE) AS A MODEL INSECT**
Baki D., ERLER F., TOSUN H. Ş., Imrek B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, no.7, pp.8138-8148, 2021 (SCI-Expanded)

- XIX. **Comparative repellent activity of single, binary and ternary combinations of plant essential oils and their major components against *Sitophilus oryzae* L. (Coleoptera: Curculionidae)**
Hategekimana A., ERLER F.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.127, no.6, pp.873-881, 2020 (SCI-Expanded)
- XX. **Fecundity and fertility inhibition effects of some plant essential oils and their major components against *Acanthoscelides obtectus* Say (Coleoptera: Bruchidae)**
Hategekimana A., ERLER F.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.127, no.5, pp.615-623, 2020 (SCI-Expanded)
- XXI. **COMPARABLE STUDY ON DIFFERENT COLORED STICKY PS FOR CATCHING OF ADULT TUTA ABSOLUTA (MEYRICK) (LEPIDOPTERA GELECHIIDAE)**
ERLER F., Kirisik M., Topuz E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.9, pp.7349-7354, 2020 (SCI-Expanded)
- XXII. **Evaluation of some melon lines for their resistance against melon aphid, *Aphis gossypii* Glover**
KIRIŞIK M., Ünlü M., ERLER F.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.44, no.3, pp.322-329, 2020 (SCI-Expanded)
- XXIII. **Screening and selection of accessions in the genus *Pisum* L. for resistance to pulse beetle (*Callosobruchus chinensis* L.)**
ESEN A., SARI H., ERLER F., Adak A., Sari D., EKER T., ÇANCI H., İKTEN C., Kahraman A., TOKER C.
EUPHYTICA, vol.215, no.4, 2019 (SCI-Expanded)
- XXIV. **Registration of AWC 612M Chickpea Mutant Germplasm Line Resistant to Leaf Miner (*Liriomyza cicerina*)**
TOKER C., ADAK A., Sari D., SARI H., CEYLAN F. O., ÇANCI H., İKTEN C., ERLER F., UPADHYAYA H. D.
JOURNAL OF PLANT REGISTRATIONS, vol.13, no.1, pp.87-90, 2019 (SCI-Expanded)
- XXV. **Revealing of resistant sources in Cicer species to chickpea leaf miner, *Liriomyza cicerina* (Rondani)**
Ceylan F. O., SARI H., Sari D., Adak A., ERLER F., TOKER C.
PHYTOPARASITICA, vol.46, no.5, pp.635-643, 2018 (SCI-Expanded)
- XXVI. **Chemical composition, toxic and development- and reproduction-inhibiting effects of some essential oils against *Tetranychus urticae* Koch (Acarina: Tetranychidae) as fumigants**
Topuzi E., Madanlar N., ERLER F.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.125, no.4, pp.377-387, 2018 (SCI-Expanded)
- XXVII. **Screening of chickpea accessions for resistance against the pulse beetle, *Collosobruchus chinensis* L. (Coleoptera: Bruchidae)**
EKER T., ERLER F., Adak A., IMREK B., GUVEN H., TOSUN H. Ş., Sari D., SARI H., UPADHYAYA H. D., TOKER C., et al.
JOURNAL OF STORED PRODUCTS RESEARCH, vol.76, pp.51-57, 2018 (SCI-Expanded)
- XXVIII. **FUMIGANT TOXICITY OF FIVE PLANT ESSENTIAL OILS AGAINST CITRUS MEALYBUG, *PLANOCOCCUS CITRI* RISSO (HEMIPTERA: PSEUDOCOCCIDAE)**
Erdemir T., ERLER F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.5A, pp.3231-3235, 2018 (SCI-Expanded)
- XXIX. **A SURVEY OF NATURAL ENEMIES AND ASSOCIATED ARTHROPOD PESTS IN POMEGRANATE ORCHARDS IN ANTALYA-TURKEY**
Karaca I., Sahin O., ERLER F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.8, pp.5306-5311, 2018 (SCI-Expanded)
- XXX. **Repellent, oviposition-deterrent and egg-hatching inhibitory effects of some plant essential oils against citrus mealybug, *Planococcus citri* Risso (Hemiptera: Pseudococcidae)**
ERDEMİR T., ERLER F.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.124, no.5, pp.473-479, 2017 (SCI-Expanded)
- XXXI. **Plant oils as oviposition deterrents against winterform females of pear psylla, *Cacopsylla pyri* (L.) (Hemiptera: Psyllidae)**
ERLER F., TOSUN H. Ş.
PHYTOPARASITICA, vol.45, no.4, pp.509-515, 2017 (SCI-Expanded)
- XXXII. **INSECTICIDAL AND GRAIN-PROTECTING PROPERTIES OF A PYRETHRUM-BASED PRODUCT AGAINST**

- STORED MAIZE WEEVIL, SITOPHILUS ZEAMAI (COLEOPTERA: CURCULIONIDAE)**
HATEGEKIMANA A., NIGHT G., Rutikanga A., UZAMUGURA J. M. V., ERLER F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.8, pp.5136-5141, 2017 (SCI-Expanded)
- XXXIII. **Survey of indigenous entomopathogenic fungi and evaluation of their pathogenicity against the carmine spider mite, Tetranychus cinnabarinus (Boisd.), and the whitefly, Bemisia tabaci (Genn.) biotype B**
Topuz E., ERLER F., Gumrukcu E.
PEST MANAGEMENT SCIENCE, vol.72, no.12, pp.2273-2279, 2016 (SCI-Expanded)
- XXXIV. **Microbial-based Production System: A Novel Approach for Plant Growth and Pest and Disease Management in Greenhouse-grown Peppers (Capsicum annum L.)**
DOĞAN A., ERLER F., ERKAN M., ATEŞ A. O., SABANCI H. S., POLAT E.
JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, vol.18, no.2, pp.371-386, 2016 (SCI-Expanded)
- XXXV. **EFFICACY OF COLOURED STICKY TRAPS IN CAPTURING MUSHROOM FLIES (DIPTERA: PHORIDAE, SCIARIDAE AND SCATOPSIDAE)**
ŞAHİN İ., ERLER F., ÇATAL M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.12A, pp.6106-6110, 2016 (SCI-Expanded)
- XXXVI. **Potential of two entomopathogenic fungi, Beauveria bassiana and Metarhizium anisopliae (Coleoptera: Scarabaeidae), as biological control agents against the June beetle**
ERLER F., ATEŞ A. O.
JOURNAL OF INSECT SCIENCE, vol.15, 2015 (SCI-Expanded)
- XXXVII. **The effects of heat treatment on the degradation of the organophosphate pesticide chlorpyrifos-ethyl in tomato homogenate**
CENGİZ M. F., ÇATAL M., ERLER F., BİLGİN A. K.
QUALITY ASSURANCE AND SAFETY OF CROPS & FOODS, vol.7, no.4, pp.537-544, 2015 (SCI-Expanded)
- XXXVIII. **Field evaluation of an entomopathogenic fungus, Metarhizium brunneum strain F52, against pear psylla, Cacopsylla pyri**
ERLER F., Pradier T., Aciloglu B.
PEST MANAGEMENT SCIENCE, vol.70, no.3, pp.496-501, 2014 (SCI-Expanded)
- XXXIX. **FUMIGANT ACTIVITY OF SOME PLANT ESSENTIAL OILS AND THEIR MAIN COMPONENTS AGAINST MUSHROOM CECID FLIES (DIPTERA: CECIDOMYIIDAE)**
Cevik T., ERLER F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, no.8A, pp.2002-2010, 2014 (SCI-Expanded)
- XL. **Rapid and sensitive determination of the prochloraz residues in the cultivated mushroom, Agaricus bisporus (Lange) Imbach**
CENGİZ M. F., ÇATAL M., ERLER F., Bilgin A. K.
ANALYTICAL METHODS, vol.6, no.6, pp.1970-1976, 2014 (SCI-Expanded)
- XLI. **Real-time quantitative PCR assays for evaluation of soybean varieties for resistance to the stem and root rot pathogen Phytophthora sojae**
ÇATAL M., ERLER F., Fulbright D. W., Adams G. C.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.137, no.4, pp.859-869, 2013 (SCI-Expanded)
- XLII. **Evaluation of Two Entomopathogenic Fungi, Beauveria bassiana and Metarhizium anisopliae, for the Control of Carmine Spider Mite, Tetranychus cinnabarinus (Boisduval) under Greenhouse Conditions**
ERLER F., Ateş A. O., Bahar Y.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.23, no.2, pp.233-240, 2013 (SCI-Expanded)
- XLIII. **EVALUATION OF SOME ESSENTIAL OILS AND THEIR MAJOR COMPONENTS AGAINST MUSHROOM SCATOPSID FLIES AS FUMIGANTS**
Basbagci G., ERLER F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.22, no.11, pp.3170-3178, 2013 (SCI-Expanded)
- XLIV. **Effect of abamectin exposure on semen parameters indicative of reduced sperm maturity: a study on farmworkers in Antalya (Turkey)**

- Celik-Ozenci C., TAŞATARGİL A., Tekcan M., Sati L., Gungor E., Isbir M. F., USTA M. F., AKAR M. B., ERLER F.
ANDROLOGIA, vol.44, no.6, pp.388-395, 2012 (SCI-Expanded)
- XLV. **EVALUATION OF FUMIGANT TOXICITY OF *Mentha pulegium* ESSENTIAL OIL AGAINST *Tetranychus cinnabarinus* UNDER GREENHOUSE CONDITIONS**
Topuz E., Madanlar N., ERLER F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.9A, pp.2739-2745, 2012 (SCI-Expanded)
- XLVI. **Control of Mushroom Sciarid Fly *Lycoriella ingenua* Populations With Insect Growth Regulators Applied by Soil Drench**
Erler F., POLAT E., DEMİR H., ÇATAL M., Tuna G.
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.104, no.3, pp.839-844, 2011 (SCI-Expanded)
- XLVII. **New Record of *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) on Greenhouse-Grown Tomato in Southwestern Turkey (Antalya)**
ERLER F., CAN M., ERDOĞAN M., ATEŞ A. O., PRADIER T.
JOURNAL OF ENTOMOLOGICAL SCIENCE, vol.45, no.4, pp.392-393, 2010 (SCI-Expanded)
- XLVIII. **Laboratory and field evaluations of some botanical pesticides against the cedar leaf moth, *Acleris undulana***
Erler F., ÇETİN H., Sarıbaşak H., Serttas A.
JOURNAL OF PEST SCIENCE, vol.83, no.3, pp.265-272, 2010 (SCI-Expanded)
- XLIX. **Efficacy of tree trunk coating materials in the control of the apple clearwing, *Synanthedon myopaeformis***
Erler F.
JOURNAL OF INSECT SCIENCE, vol.10, 2010 (SCI-Expanded)
- L. **Severity of leaf miner [*Liriomyza cicerina* (Rondani, 1875) (Diptera: Agromyzidae)] damage in relation to leaf type in chickpea**
TOKER C., ERLER F., CEYLAN F. O., Canci H.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.34, no.2, pp.211-226, 2010 (SCI-Expanded)
- LI. **Yield and quality criteria in organically and conventionally grown tomatoes in Turkey**
POLAT E., DEMİR H., Erler F.
SCIENTIA AGRICOLA, vol.67, no.4, pp.424-429, 2010 (SCI-Expanded)
- LII. **Survey of insect growth regulator (IGR) resistance in house flies (*Musca domestica* L.) from southwestern Turkey**
ÇETİN H., Erler F., YANIKOĞLU A.
JOURNAL OF VECTOR ECOLOGY, vol.34, no.2, pp.329-337, 2009 (SCI-Expanded)
- LIII. **Preliminary results on evaluation of chickpea, *Cicer arietinum*, genotypes for resistance to the pulse beetle, *Callosobruchus maculatus***
ERLER F., CEYLAN F., ERDEMİR T., TOKER Ç.
JOURNAL OF INSECT SCIENCE, vol.9, 2009 (SCI-Expanded)
- LIV. **Evaluation of Microbial Products for the Control of the Mushroom Phorid Fly, *Megaselia halterata* (Wood)**
Erler F., Polat E., Demir H., ÇETİN H., Erdemir T.
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- XXIX. **Antalya ilinde üzümü meyvelerde görülen önemli hastalık etmenleri ve zararlılar**
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IV. Ulusal Üzümü Meyveler Sempozyumu, Antalya, Turkey, 3 - 05 October 2012, pp.39
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- XXXI. **Çığlıkara Sedir Ormanlarındaki Kırmızı Orman Karıncalarının (*Formica rufa* L.) Envanter sonuçları**
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Supported Projects

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Fungusların *Tetranychus cinnabarinus* Boisd ve *Bemisia tabaci* Genn biotype B ye Karşı Etkinliklerinin Belirlenmesi, 2019 - 2022

ERLER F., Project Supported by Higher Education Institutions, Plant oils as oviposition deterrents against winterform females of pear psylla *Cacopsylla pyri* L Hemiptera Psyllidae Repellent ovipositiondeterrent and eggatching inhibitory effects of some plant essential oils against citrus mealybug *Planococcus citri* Risso Hemiptera Pseudococcidae, 2018 - 2022

ERLER F., İmrek B., Project Supported by Higher Education Institutions, ANTALYA İLİNDEKİ ENTOMOPATOJEN FUNGUSLARIN İZOLASYONU, MORFOLOJİK VE MOLEKÜLER TANISI İLE ÖNEMLİLERİNİN *Tetranychus urticae* Koch. (Acarina: Tetranychidae)'NİN ERGİN VE YUMURTA DÖNEMLERİNE KARŞI ETKİNLİKLERİNİN TEST EDİLMESİ, 2019 - 2021

ERLER F., KIRIŞIK M., Project Supported by Higher Education Institutions, Batı Çiçek Tripsi *Frankliniella occidentalis* Pergande Thysanoptera Thripidaeden Entomopatojen Fungus İzolasyonu Tanılanması ve Zararlıya Karşı Etkinliklerinin Test Edilmesi, 2019 - 2021

ERLER F., Baki D., Project Supported by Higher Education Institutions, Antalyada Farklı Bölgelerden İzole Edilen Entomopatojen Fungusların Morfolojik ve Moleküler Tanısı *Aphis gossypii* Glover ve *Myzus persicae* Sulzer Hemiptera Aphididaeeye Karşı Etkinliklerinin Belirlenmesi, 2019 - 2021

ERLER F., ŞENEL G., Project Supported by Higher Education Institutions, Antalya ili zeytin alanlarında zeytin sineği *Bactrocera oleae* Gmel Diptera Tephritidae ile mücadelede değişik tuzak tiplerinin ergin bireyleri yakalamadaki etkinlikleri üzerine bir araştırma, 2018 - 2019

CENGİZ M. F., ÇATAL M., ERLER F., Bilgin A. K., Project Supported by Higher Education Institutions, The effects of heat treatment on the degradation of the organophosphate pesticide chlorpyrifosethyl in tomato homogenate, 2017 - 2019

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ERLER F., GÜLTEKİN D., Project Supported by Higher Education Institutions, Antalya İli'nde yeni bir domates zararlısı olan *Lasioptera* sp.'nin mekaniksel ve kimyasal mücadelesine yönelik araştırmalar, 2017 - 2018

ERLER F., DOĞAN A., ERKAN M., ATEŞ A. Ö., POLAT E., Project Supported by Higher Education Institutions, Microbialbased Production System A Novel Approach for Plant Growth and Pest and Disease Management in Greenhousegrown Peppers *Capsicum annuum* L., 2016 - 2018

ERKAN M., POLAT E., TOSUN H. Ş., DOĞAN A., ERLER F., Project Supported by Higher Education Institutions, Yayın süreklilik, 2016 - 2017

ERLER F., TUBITAK Project, Antalya İlinde Susam Filloidi Fitoplazmalarının Moleküler Tanısı Ve Karakterizasyonu, Vektör Taşınması Ve Determinat Mutantlardaki Konukçu Dayanıklılığının Karakterizasyonu, 2013 - 2015

ERLER F., Project Supported by Other Official Institutions, Antalya ilinde örtüaltı sebze yetiştiriciliğinde *Tetranychus cinnabarinus* Boisd. (Acarina: Tetranychidae) ve *Bemisia tabaci* Genn. (Homoptera: Aleyrodidae)'ye karşı kullanılacak entomopatojen fungusların tespiti ve patojenitelerinin araştırılması, 2011 - 2015

ERLER F., Project Supported by Other Official Institutions, Elmalı - Çığlıkara sedir ormanlarına nakledilen Kırmızı orman karıncası (*Formica rufa* L.)'nın envanteri ve beslenme alışkanlıklarının tespiti, 2009 - 2011

ÇETİN H., ERLER F., Project Supported by Other Official Institutions, Sedir yaprak keleşği (*Acleris undulana* Wlsgm.) ile mücadelede organik ve mikrobiyotik yaklaşımlar, 2007 - 2010

ÇETİN H., ERLER F., TUBITAK Project, Antalya'da karasinek (*Musca domestica* L.) populasyonlarında böcek büyüme düzenleyicilerle karşı direnç düzeyinin araştırılması, 2007 - 2009

ERLER F., Project Supported by Other Official Institutions, Coğrafi bilgi sistemleri ve uzaktan algılama teknikleri uygulanarak Elmalı Sedir Araştırma Ormanı ve Çığlıkara Tabiatı Koruma Alanı'nda izleme sisteminin kurulması, 2003 - 2007

ERLER F., Project Supported by Other Official Institutions, Batı Akdeniz Bölgesi'nde karaçam (*Pinus nigra* Arn. spp. *pallasiana* Lamb. Holmboe) sahalarında görülen kurumaların nedenlerinin belirlenmesi, 2003 - 2005

ERLER F., TUBITAK Project, Armut psillası *Cacopsylla pyri* (L.) (Homoptera: Psyllidae)'nin Antalya ilindeki biyolojisi ve mücadelesinde yeni bir yaklaşım, 2002 - 2004

Activities in Scientific Journals

MEDITERRANEAN AGRICULTURAL SCIENCES, First Editor, 2021 - Continues
JOURNAL OF PLANT DISEASES AND PROTECTION, Editor, 2020 - Continues
TÜRKİYE ENTOMOLOJİ DERGİSİ (TURKISH JOURNAL OF ENTOMOLOGY), Editor, 2014 - 2016
JOURNAL OF INSECTS, Editor, 2013 - 2016
(TÜRKİYE ENTOMOLOJİ BÜLTENİ (TURKISH BULLETIN OF ENTOMOLOGY), Editor, 2011 - 2014

Memberships / Tasks in Scientific Organizations

Akdeniz Üniversitesi Mezunları Derneği, Member, 2005 - Continues
Türkiye Entomoloji Derneği, Member, 2004 - Continues
Türkiye Biyolojik Mücadele Derneği, Member, 2002 - Continues

Scientific Refereeing

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Isparta University Of Applied Sciences, Turkey, August 2021
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Van Yüzüncü Yil University, Turkey, August 2021
TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, ZİRAİ MÜCADELE MERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ, Turkey, August 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Tokat Gaziosmanpaşa University, Turkey, June 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, GAP TARIMSAL ARAŞTIRMA ENSTİTÜSÜ - ŞANLIURFA, Turkey, June 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Karadeniz Tarımsal Araştırma Enstitüsü (Samsun), Turkey, June 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Ankara University, Turkey, June 2021
TUBITAK Project, 3501 - National Young Researcher Career Development Program, Harran University, Turkey, July 2020
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TUBITAK Project, 1002 - Quick Support Program, Erciyes University, Turkey, May 2020
TUBITAK Project, TUBITAK Horizon Coordination Support Program, Aydın Adnan Menderes University, Turkey, February 2020
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Iğdir University, Turkey, November 2019
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APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, SCI Journal, June 2018
TÜRKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, SCI Journal, June 2018
JOURNAL OF PEST SCIENCE, SCI Journal, March 2018
LETTERS IN APPLIED MICROBIOLOGY, SCI Journal, March 2018
Journal of Entomological and Acarological Research, Other journals, February 2018
TUBITAK Project, 3001 - Initial R&D Projects Support Program, Adana Biyolojik Mücadele Araştırma Enstitüsü, Turkey, February 2018
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, SCI Journal, January 2018
BIOCONTROL SCIENCE AND TECHNOLOGY, SCI Journal, January 2018
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TÜRKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, SCI Journal, March 2017
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Suleyman Demirel University, Turkey, January 2017
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Suleyman Demirel University, Turkey, January 2017
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Technical University, Turkey, January 2017
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Duzce University, Turkey, January 2017
Turkish Journal of Agriculture and Forestry, SCI Journal, April 2014
Pest Management Science, SCI Journal, May 2013
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, SCI Journal, May 2013
Turkish Journal of Biology, SCI Journal, May 2013
Turkish Bulletin of Entomology , National Scientific Refreed Journal, April 2013
Bulletin of Insectology, SCI Journal, February 2013
Fresenius Environmental Bulletin, SCI Journal, January 2013
Journal of Economic Entomology, SCI Journal, August 2012
Journal of Insect Science, SCI Journal, July 2012
Entomologia Experimentalis et Applicata, SCI Journal, June 2012
Journal of Agricultural Science and Technology, SCI Journal, May 2012
American Journal of Experimental Agriculture, Other Indexed Journal, March 2012
JOURNAL OF INSECT SCIENCE, SCI Journal, December 2011
North - western Journal of Zoology, SCI Journal, October 2011
Journal of Pest Science, SCI Journal, September 2011
JOURNAL OF ZOOLOGY, SCI Journal, August 2011
BULLETIN OF INSECTOLOGY, SCI Journal, May 2011
Journal of Applied Entomology, SCI Journal, May 2011
Journal of Environmental Biology, SCI Journal, May 2011
Journal of Zoology, SCI Journal, October 2010
ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA, SCI Journal, July 2010
Yüzüncüyıl Üniv. Tarım Bilimleri Dergisi, National Scientific Refreed Journal, June 2010

JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, SCI Journal, May 2010
Pesticide Biochemistry and Physiology, SCI Journal, May 2010
JOURNAL OF ENVIRONMENTAL BIOLOGY, SCI Journal, January 2010
JOURNAL OF PEST SCIENCE, SCI Journal, December 2009
North-western of Zoology, Other Indexed Journal, November 2009
Pharmaceutical Biology, SCI Journal, October 2009
JOURNAL OF ECONOMIC ENTOMOLOGY, SCI Journal, April 2009
TURKISH JOURNAL OF BIOLOGY, SCI Journal, December 2008
FRESENIUS ENVIRONMENTAL BULLETIN, SCI Journal, October 2008
JOURNAL OF APPLIED ENTOMOLOGY, SCI Journal, September 2008
PHARMACEUTICAL BIOLOGY, SCI Journal, April 2008
Trakya Üniv. Fen Bilimleri Dergisi, National Scientific Refreed Journal, April 2008

Scientific Consultations

Kekova Enerji Tarım, Scientific Consultancy, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, Turkey, 2018 - Continues
BioAntalya, Scientific Consultancy, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, Turkey, 2014 - 2017
Bioglobal A.Ş., Scientific Consultancy, Akdeniz University, Faculty of Agriculture, Department of Plant Protection, Turkey, 2009 - 2011

Metrics

Publication: 170
Citation (WoS): 1479
Citation (Scopus): 1463
H-Index (WoS): 21
H-Index (Scopus): 21

Congress and Symposium Activities

XI. Türkiye Yemelik Mantar Kongresi, Attendee, Samsun, Turkey, 2019
7. Uluslararası Entomopatojenler ve Mikrobiyal Mücadele Kongresi, Attendee, Kayseri, Turkey, 2019
Uluslararası Katılımlı Türkiye VII. Bitki Koruma Kongresi, Attendee, Muğla, Turkey, 2018
International Conference on Agriculture and Animal Sciences, Attendee, Antalya, Turkey, 2018
I. International Agricultural Science Congress, Attendee, Van, Turkey, 2018
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOT-2018), Attendee, İzmir, Turkey, 2018
I. International Gap Agriculture & Livestock Congress, Attendee, Şanlıurfa, Turkey, 2018
International Congress of the New Approaches and Technologies for Sustainable Development, Attendee, Isparta, Turkey, 2017
I. International Congress on Medicinal and Aromatic Plants 'Natural and Healthy Life', Attendee, Konya, Turkey, 2017
International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, Nevşehir, Turkey, 2017
International Conference on Zoology and Zoonoses, Attendee, Plovdiv, Bulgaria, 2016
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Attendee, Konya, Turkey, 2016
Türkiye V. Bitki Koruma Kongresi, Attendee, Antalya, Turkey, 2014
İç Anadolu Bölgesi 1. Tarım ve Gıda Kongresi, Attendee, Niğde, Turkey, 2013

4 th International Participated Entomopathogens and Microbial Control Symposium, Attendee, Artvin, Turkey, 2013
IX. Türkiye Yemeklik Mantar Kongresi, Attendee, Denizli, Turkey, 2012
IV. Ulusal Üzümü Meyveler Sempozyumu, Attendee, Antalya, Turkey, 2012
Türkiye I. Orman Entomolojisi ve Patolojisi Sempozyumu, Attendee, Antalya, Turkey, 2011
Türkiye I V . Bitki Koruma Kongresi, Attendee, Kahramanmaraş, Turkey, 2011
ESA (Entomological Society of America) 56. Annual Meeting, Attendee, Reno, Nevada, United States Of America, 2008
XXIII International Congress of Entomology, Attendee, Durban, South Africa, 2008
Türkiye II. Bitki Koruma Kongresi, Attendee, Isparta, Turkey, 2007
I. International Medicinal and Aromatic Plants Conference on Culinary Herbs, Attendee, Antalya, Turkey, 2007
Türkiye III. Organik Tarım Sempozyumu, Attendee, Yalova, Turkey, 2006
VIII. European Congress of Entomology, Attendee, Kusadasi - Turkey, Turkey, 2006
Conference of IOBC/WPRS Working Group 'Integrated Protection of Stored Products', Attendee, Prague, Czech Republic, 2005
Türkiye I. Bitki Koruma Kongresi, Attendee, Samsun, Turkey, 2004
54. Deutsche Pflanzenschutztagung, Attendee, Hamburg, Turkey, 2004
Türkiye VII. Yemeklik Mantar Kongresi, Attendee, Korkuteli - Antalya, Turkey, 2004
X. International Symposium on Scale Insect Studies, Attendee, Adana, Turkey, 2004
Türkiye 5. Biyolojik Mücadele Kongresi, Attendee, Erzurum, Turkey, 2002
Meeting o f the IOBC WPRS/OILB SROP Working Group Integrated Protection of Stored Products, Attendee, Lisbon, Portugal, 2001
Türkiye IV. Entomoloji Kongresi, Attendee, Aydın, Turkey, 2000

Scholarships

High Value Products, Official Institutions of Foreign Countries, 1996 - Continues

Awards

ERLER F., 2019 Yılı Tarım İnovasyon Ödülü (Bitki Besleme ve Koruma Kategorisinde), ATSO & GROWTECH, December 2019