

Res. Asst. Elif Yıldırım

Personal Information

Email: elif.yildirim@omu.edu.tr

Web: <https://avesis.omu.edu.tr/elif.yildirim>

International Researcher IDs

ORCID: 0000-0002-4912-2303

Yoksis Researcher ID: 314934

Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Bitki Koruma (Dr), Turkey 2018 - 2020

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Bitki Koruma (YI) (Tezli), Turkey 2011 - 2017

Undergraduate, Ondokuz Mayıs University, Ziraat Fakültesi, Ziraat Mühendisliği Bölümü, Turkey 2004 - 2009

Dissertations

Postgraduate, Samsun ili örtü altı sebze yetiştirilen alanlarda *Rhizoctonia* spp.'xne ait fungusların anastomosis gruplarının, karakteristik özelliklerinin ve patojenitelerinin belirlenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Bitki Koruma (YI) (Tezli), 2017

Research Areas

Mycology

Academic Titles / Tasks

Research Assistant, Ondokuz Mayıs University, Ziraat Fakültesi, Bitki Koruma Bölümü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Potential of Turkish *Beauveria bassiana* isolates for the management of the polyphagous planthopper, *Orosanga japonica* Melichar 1898 (Hemiptera: Ricaniidae)**
Erper İ., Ak K., TÜRKKAN M., Yıldırım E., Alkan M., ÖZER G.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.32, no.1, 2022 (SCI-Expanded)
- II. **First report of damping-off on melon seedlings caused by *Rhizoctonia solani* AG 4 HG-II in Kyrgyzstan**
Erper İ., Gocmen M., Yıldırım E., TÜRKKAN M., Alkan M., ÖZER G.
JOURNAL OF PLANT PATHOLOGY, no.2, pp.889-890, 2022 (SCI-Expanded)
- III. **First report of dry rot of potato caused by *Fusarium sambucinum* in Kyrgyzstan**
Erper İ., Alkan M., Zholdosbekova S., TÜRKKAN M., Yıldırım E., ÖZER G.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.129, no.1, pp.189-191, 2022 (SCI-Expanded)
- IV. **First report of root rot on strawberry caused by binucleate *Rhizoctonia* AG-G and AG-K in**

Kyrgyzstan

Erper İ., ÖZER G., Yıldırım E., Zholdoshbekova S., TÜRKKAN M.

JOURNAL OF PLANT PATHOLOGY, vol.104, no.1, pp.387-388, 2022 (SCI-Expanded)

- V. **Efficacy of *Beauveria bassiana* and *Beauveria pseudobassiana* isolates against the pine processionary moth, *Thaumetopoea wilkinsoni* Tams, 1926 (Lepidoptera/Notodontidae)**
Topkara E. F., Yanar O., TUNÇER C., Ozdemir I. O., Yıldırım E.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.32, no.1, 2022 (SCI-Expanded)
- VI. **Genetic Diversity and Pathogenicity of *Rhizoctonia* spp. Isolates Associated with Red Cabbage in Samsun (Turkey)**
Erper İ., ÖZER G., Kalendar R., Avci S., Yıldırım E., Alkan M., TÜRKKAN M.
JOURNAL OF FUNGI, vol.7, no.3, 2021 (SCI-Expanded)
- VII. **First report of *Rhizoctonia solani* AG 4 HG-III causing root rot of pepper in Kyrgyzstan**
Erper İ., ÖZER G., Zholdoshbekova S., Yıldırım E., TÜRKKAN M.
JOURNAL OF PLANT PATHOLOGY, vol.103, no.1, pp.359, 2021 (SCI-Expanded)
- VIII. **First report of white mold caused by *Sclerotinia minor* on safflower in Turkey**
Erper İ., ÖZER G., Yıldırım E., TÜRKKAN M.
JOURNAL OF PLANT PATHOLOGY, vol.102, no.3, pp.977-978, 2020 (SCI-Expanded)
- IX. **First report of southern blight caused by *Athelia rolfsii* on candyleaf in Turkey**
Erper İ., ÖZER G., Yıldırım E., Ozgen T., TÜRKKAN M.
JOURNAL OF PLANT PATHOLOGY, vol.102, no.1, pp.245-246, 2020 (SCI-Expanded)
- X. **First report of botrytis blight of tulip caused by *Botrytis tulipae* in Turkey**
Erper İ., Deligoz I., ÖZER G., Yıldırım E., TÜRKKAN M.
JOURNAL OF PLANT PATHOLOGY, vol.101, no.2, pp.427, 2019 (SCI-Expanded)
- XI. **CHARACTERIZATION AND PATHOGENICITY OF *Rhizoctonia* SPP. ISOLATED FROM VEGETABLE CROPS GROWN IN GREENHOUSES IN SAMSUN PROVINCE, TURKEY**
Yıldırım E., Erper İ.
BIOSCIENCE JOURNAL, vol.33, no.2, pp.257-267, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **In vitro evaluation of salt-based antifungal compounds for sustainable control of *Neoscytalidium dimidiatum***
YILDIRIM E., TÜRKKAN M., DERVİŞ S., DALBASTI N., ÖZER G., ERPER İ.
Akademik Ziraat Dergisi, vol.13, no.2, pp.298-309, 2024 (Peer-Reviewed Journal)
- II. **Sensitivity of *Fusarium oxysporum* f. sp. *melongenae*, the causal agent of *Fusarium* wilt of eggplant to some ammonium, potassium, and sodium compounds in vitro and in vivo bioassays**
Yıldırım E., Alici E., Erper İ., TÜRKKAN M., ÖZER G.
ARCHIVES OF PHYTOPATHOLOGY AND PLANT PROTECTION, vol.55, no.8, pp.937-950, 2022 (ESCI)
- III. **Efficacy of Native *Beauveria bassiana* and *B. pseudobassiana* Isolates Against Invasive Brown Marmorated Stink Bug, *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae)**
ÖZDEMİR İ. O., YILDIRIM E., ULUCA M., AKYOL G.
Black Sea Journal of Agriculture, vol.5, no.3, pp.227-233, 2022 (Peer-Reviewed Journal)
- IV. **Determination of effects of some fungicides used in hazelnut growing areas against *Trichoderma* species**
YILDIRIM E., ÖZDEMİR İ. O., TÜRKKAN M., AKYOL G., KUSHİYEV R., ERPER İ.
Mediterranean Agricultural Sciences, vol.33, no.3, pp.335-340, 2020 (Peer-Reviewed Journal)
- V. **Antifungal effect of boric acid against *Penicillium expansum*, the casual agent of blue mold of apple**
YILDIRIM E., KARATOPRAK K., ERPER İ., TÜRKKAN M.
Harran Tarım ve Gıda Bilimleri Dergisi, vol.24, no.1, pp.64-72, 2020 (Peer-Reviewed Journal)
- VI. **Yıldırım, E., M. Türkkan, R. Elevülü, M. E. Muktar ve İ. Erper, 2020. Potasyum Karbonat ve**

Bikarbonatın Sclerotium oryzae'nin Misel Gelişimi Üzerine Antifungal Etkisi. Manas Journal of Agriculture Veterinary and Life Sciences, 10 (1), 6-10.

YILDIRIM E., TÜRKKAN M., RAMAZAN E., MUKTAR M. E., ERPER İ.

Manas Journal of Agriculture Veterinary and Life Sciences, vol.10, no.1, pp.6-10, 2020 (Peer-Reviewed Journal)

- VII. **Yıldırım, E., K. Karatoprak, İ. Erper, ve M. Türkkan, 2020. Elmada mavi küfe neden olan Penicillium expansum'a karşı borik asitin antifungal etkisi**

YILDIRIM E., KARATOPRAK K., ERPER İ., TÜRKKAN M.

Harran Tarım ve Gıda Bilimleri Dergisi, vol.24, no.1, pp.64-72, 2020 (Peer-Reviewed Journal)

- VIII. **Determination of efficacy of some fungicides used in hazelnut orchards against Ambrosiella hartigii Batra symbiotically associated with Anisandrus dispar Fabricius (Coleoptera: Curculionidae: Scolytinae) under laboratory conditions**

ERPER İ., KUSHİYEV R., YILDIRIM E., TÜRKKAN M., TUNCER C.

Anadolu Tarım Bilimleri Dergisi, vol.34, no.2, pp.128-134, 2019 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Domateste Erken Yanıklık Hastalığına Karşı Biyolojik Mücadele**

Alhasimi H., YILDIRIM E., TUNALI B.

2.Uluslararası Multidisipliner Doğa Bilimleri ve Mühendislik Kongresi, Turkey, 01 December 2022

- II. **Yıldırım, E., K. Karatoprak, G. Çetinkaya, M. Türkkan and İ. Erper, 2020. Antifungal Effect of Anhydrous Borax Against Penicillium expansum Causing Blue Mold Decay On Apple Fruit.**

YILDIRIM E., KARATOPRAK K., ÇETİNKAYA G., TÜRKKAN M., ERPER İ.

IV. International Eurasian Agriculture and Natural Sciences Congress, Bishkek, Kyrgyzstan, 30 - 31 October 2020, vol.1, pp.44

- III. **Antifungal Effect of Anhydrous Borax Against Penicillium expansum Causing Blue Mold Decay On Apple Fruit**

YILDIRIM E., KÜBRA K., ÇETİNKAYA G., TÜRKKAN M., ERPER İ.

IV. International Eurasian Agriculture and Natural Sciences Congress, Bishkek, Kyrgyzstan, 30 - 31 October 2020, vol.1, pp.44

- IV. **Elmada Mavi Küfe Neden Olan Penicillium expansum'a Karşı Borik Asitin Antifungal Etkisi**

YILDIRIM E., ERPER İ., TÜRKKAN M.

First International Erciyes Agriculture, Animal and Food Sciences Conference, 24 - 26 April 2019

Supported Projects

Gülser C., Ay A., Yıldırım E., Tunalı B., Kızılkaya R., Kutluk Yılmaz N. D., Demirkaya S., Project Supported by Higher Education Institutions, Vermikompost ve biyoçar uygulamalarının asit reaksiyonlu toprakta abiyotik ve biyotik stres faktörleri altındaki biber bitkisinin gelişimine etkisi, 2024 - Continues

Yıldırım E., Kamışsı Yumak (Festuca Arundinacea)? Tan Elde Edilen Neotyphodium Coenophialum'Un Genotipik Ve Kemotipik Çeşitliliği, 2022 - Continues

Yıldırım E., Project Supported by Higher Education Institutions, Elmalarda depo çürüklüğü oluşturan Botrytis cinerea'nın mücadelesinde gıda katkı maddesi olarak kullanılan bazı tuzların etkinliklerinin belirlenmesi, 2018 - 2019

Yücel H. Ş., Yıldırım E., Kandemir D., Erper İ., Balkaya A., Project Supported by Higher Education Institutions, AŞILI KAVUN FİDESİ ÜRETİMİ İÇİN YERLİ HİBRİT KABAK ANAÇLARININ TOHUM ÜRETİMİ, 2018 - 2019