

Res. Asst. PhD AHMET ÇAT

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Education Information

Doctorate, Akdeniz University, Institute of Science, Bitki Koruma, Turkey 2016 - 2021

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Bitki Koruma, Turkey 2012 - 2015

Undergraduate, Akdeniz University, Faculty of Agriculture, Bitki Koruma, Turkey 2007 - 2012

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Phytopathology, Mycology

Academic Titles / Tasks

Research Assistant, Akdeniz University, Faculty of Agriculture, Bitki Koruma, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Molecular characterizations of *Verticillium dahliae* isolates from grafted tomatoes grown in Antalya province of Türkiye**
Akar H., Cat A., Catal M.
Journal of Phytopathology, vol.172, no.1, 2024 (SCI-Expanded)
- II. **Resistance to stripe rust in Turkish durum wheat varieties and wild emmer genotypes**
Ipek E., TEKİN M., Cat A., AKAR T.
Cereal Research Communications, vol.51, no.1, pp.147-154, 2023 (SCI-Expanded)
- III. **Molecular identification of fungi causing major diseases in the cultivated mushroom production facilities of Korkuteli District in Antalya**
Ates D., Cat A., ÇATAL M.
JOURNAL OF PLANT PATHOLOGY, vol.103, no.2, pp.619-628, 2021 (SCI-Expanded)
- IV. **A New Virulent Race of Wheat Stripe Rust Pathogen (*Puccinia striiformis* f. sp. tritici) on the Resistance Gene Yr5 in Turkey**
Tekin M., Çat A., Çatal M., Akar T.
Plant Disease, vol.105, no.10, pp.3292, 2021 (SCI-Expanded)
- V. **Identification of Durum Wheat Cultivars and Their Tetraploid Relatives with Low Cadmium Content**

Tekin M., Cat A., Sönmez S., Akar T.

FOOD TECHNOLOGY AND BIOTECHNOLOGY, vol.58, no.1, pp.49-56, 2020 (SCI-Expanded)

- VI. **First report of Stagonospora nodorum blotch caused by Parastagonospora nodorum on emmer wheat (*Triticum dicoccum* Schrank) in Turkey**

Cat A., TEKİN M., AKAR T., ÇATAL M.

JOURNAL OF PLANT PATHOLOGY, vol.101, no.2, pp.433, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Türk arpa (*Hordeum vulgare* L.) köy çeşitlerinin küllemeye karşı dayanıklılığın belirlenmesi**
TEKİN M., ÇAT A., ÇATAL M., AKAR T.
Mediterranean Agricultural Sciences, vol.31, no.3, pp.219-225, 2018 (Peer-Reviewed Journal)
- II. **Türk arpa (*Hordeum vulgare* L.) köy çeşitlerinin küllemeye karşı dayanıklılığın belirlenmesi**
TEKİN M., ÇAT A., ÇATAL M., AKAR T.
AKDENİZ ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ, vol.31, no.3, pp.219-225, 2018 (Peer-Reviewed Journal)
- III. **İstiridye mantarının (*Pleurotus ostreatus*) tohumluk misel üretimi üzerine bir ön çalışma**
ÇAT A., ÇOMAK T., ÇATAL M.
Mediterranean Agricultural Sciences, vol.31, no.1, 2018 (Peer-Reviewed Journal)
- IV. **Dünyada ve Türkiye’de Toprak İşlemesiz Tarımın Durumu ve Benimsenmes**
TEKİN M., Avcı M., ÇAT A., AKAR T.
Bahri Dağdaş Bitkisel Araştırma Dergisi, vol.6, pp.22-34, 2017 (Peer-Reviewed Journal)
- V. **Buğdayda sarı pas hastalığı ve dayanıklılık ıslahı çalışmaları**
ÇAT A., TEKİN M., ÇATAL M., Akan K., AKAR T.
AKDENİZ ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ, vol.30, no.2, pp.97-105, 2017 (Peer-Reviewed Journal)
- VI. **Antalya İli ve İlçelerindeki Örtüaltı Hıyar (*Cucumis sativus* L.) ve Kabak (*Cucurbita pepo* L.) Üretim Alanlarında Viral Etmenlerin Saptanması**
ÇAT A., Çulal-Kılıç H., Yardımcı N.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.20, no.1, pp.129-132, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Hastalıklar ve Mücadelesi**
ÇATAL M., AKAN K., ÇAT A.
in: Buğday Tarımı, Akar T., Editor, Nobel Yayın Dağıtım, İzmir, pp.110-122, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Identification of *Aspergillus niger* and *Aspergillus flavus* on Soybean Seed**
ÜSTÜN R., ÇAT A., GÜDEN B., ÇATAL M., UZUN B.
INTERNATIONAL EURASIAN CONFERENCE ON BIOTECHNOLOGY AND BIOCHEMISTRY, Ankara, Turkey, 16 - 18 December 2020, pp.166
- II. **Determination and Molecular Characterization of Bacteria in Mix of Sweet Sorghum and Soybean Silage**
ÜSTÜN R., GÜDEN B., ÇAT A., ÇATAL M., UZUN B.
INTERNATIONAL EURASIAN CONFERENCE ON BIOTECHNOLOGY AND BIOCHEMISTRY, Ankara, Turkey, 16 - 18 December 2020, pp.167
- III. **Inoculation methods for phenotyping of stripe rust (*Puccinia striiformis* f. sp. tritici) on wheat**

- ÇAT A., TEKİN M., AKAR T., ÇATAL M.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020, Ankara, Turkey, 19 - 20 March 2020, pp.751
- IV. **Super Spreaders of Wheat Stripe Rust Pathogen (*Puccinia striiformis* f. sp. *tritici*) in Turkey**
TEKİN M., ÇAT A., ÇATAL M., AKAR T.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020, Ankara, Turkey, 19 - 20 March 2020, pp.568
- V. **Identification and Characterization of *Cladosporium cladosporioides* on Soybean Seed**
ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.
World Oil Seed Congress, Lviv, Ukraine, 6 - 07 November 2019, pp.19
- VI. **Identification and Characterization of *Cladosporium cladosporioides* on Soybean Seed**
ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.
World Oil Seed Congress, Lviv, Ukraine, 6 - 07 November 2019, pp.19
- VII. **Identification and Characterization of *Cladosporium cladosporioides* on Soybean Seed**
ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.
World Oil Seed Congress, Lviv, Ukraine, 6 - 07 November 2019, pp.19
- VIII. **Diagnosis of ascochyta blight in *Pisum sativum* subsp. *elatius* via molecular techniques**
TOKER C., SARI D., SARI H., ÇAT A., ÇATAL M.
Uluslararası Katılımlı Türkiye VII. Bitki Koruma Kongresi, 14 - 17 October 2018
- IX. **First report of *Fusarium proliferatum* causing seed rot on soybean (*Glycine max*) in Turkey**
ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- X. **First report of *Alternaria alternata* causing postharvest decay in fig (*Ficus carica* L. cv. Bursa Siyahi) fruit in Turkey**
DOĞAN A., ÇAT A., ÇATAL M., ERKAN M.
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- XI. **Evaluation of Turkish Barley Landraces for Resistance to Powdery Mildew**
TEKİN M., ÇAT A., AKAR T., ÇATAL M.
3rd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 9 - 12 May 2018, pp.326
- XII. **Molecular assessment of Tetraploid Wheat Genotypes With Low Cadmium Accumulation**
TEKİN M., ÇAT A., SÖNMEZ S., AKAR T.
International Conference on Raw Materials to Processed Foods, Antalya, Turkey, 11 - 13 April 2018, pp.117
- XIII. **Molecular assessment of Tetraploid Wheat Genotypes With Low Cadmium Accumulation**
TEKİN M., ÇAT A., SÖNMEZ S., AKAR T.
International Conference on Raw Materials to Processed Foods, Antalya, Turkey, 11 - 13 April 2018, pp.117
- XIV. **Molecular assessment of Tetraploid Wheat Genotypes With Low Cadmium Accumulation**
TEKİN M., ÇAT A., SÖNMEZ S., AKAR T.
International Conference on Raw Materials to Processed Foods, Antalya, Turkey, 11 - 13 April 2018, pp.117
- XV. **Detection of *Fusarium* spp. Causing Fusarium Root Rot on Groundnut in Turkey**
Güçlü V., ÇAT A., ÇATAL M., Başak M., Kızıl S., UZUN B., YOL E.
III. International Plant Breeding Congress, Girne, Cyprus (Kktc), 15 - 19 October 2017, pp.78
- XVI. **A New Disease on Protea (*Protea cynaroides* L.) in Turkey**
ÇAT A., ÇATAL M.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.523-524
- XVII. **Fusarium Wilt: A New Disease on Palms in Turkey**
ÇAT A., ÇATAL M.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.57-58
- XVIII. **Detection of Bean common mosaic virus in Bean (*Phaseolus vulgaris*) seeds growing in Antalya**

Province, Turkey

Çulal-Kılıç H., Özgönen-Özkaya H., Yardımcı N., ÇAT A.

The 3rd International Symposium on EuroAsian Biodiversity, Belarus, Belarus, 5 - 08 July 2017, pp.196

XIX. Detection of Verticillium dahliae Kleb. Isolates Obtained from Grafted Eggplants

Talha Koç Ü., Çat A., Erler F., Çatal M.

International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.666

XX. Molecular Characterization of Verticillium dahliae Kleb. Isolates from Greenhouse-Grown Grafted Eggplants in Antalya Province (South-Western Part of Turkey)

Talha Koç Ü., ÇAT A., ERLER F., ÇATAL M.

International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.667

XXI. A Preliminary Study on the Spawn Production of Oyster Mushroom (Pleurotus Ostreatus)

ÇAT A., Çomak T., ÇATAL M.

I. International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 9 - 12 May 2017, pp.13

XXII. Bean common mosaic virus (BCMV) and Bean common mosaic necrosis virus (BCMNV) in bean (Phaseolus vulgaris) seeds in West Mediterranean Region in Turkey

Yardımcı N., Kök H., Çulal-Kılıç H., ÇAT A.

VI. International Scientific Agricultural Symposium (Agrosym 2015), Jahorina, Bosnia And Herzegovina, 15 - 18 October 2015, pp.476

Supported Projects

ÇAT A., TUBITAK Project, TUBITAK Proje No: 117O043, 2017 - Continues

ÇATAL M., AKAR T., TEKİN M., ÇAT A., Project Supported by Higher Education Institutions, Akdeniz ve Ege Bölgesinde Yetiştirilen Buğdaylarda Sarı Pas (Puccinia striiformis f. sp. tritici) Irklarının Belirlenmesi, 2017 - 2021

Metrics

Publication: 35

Citation (WoS): 9

Citation (Scopus): 1

H-Index (WoS): 2

H-Index (Scopus): 1

Congress and Symposium Activities

3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Attendee, Ankara, Turkey, 2020

International Congress of the New Approaches and Technologies for Sustainable Development, Attendee, Isparta, Turkey, 2017

I. International Congress on Medicinal and Aromatic Plants, Attendee, Konya, Turkey, 2017