

Prof. AZİZ KARAKAYA

Personal Information

Office Phone: [+90 031 259 6125](tel:+900312596125) Extension: 8

Web: <https://avesis.ankara.edu.tr/karakaya>

International Researcher IDs

ORCID: 0000-0003-3019-9009

ScopusID: 7005143951

Yoksis Researcher ID: 7562

Education Information

Doctorate, University of Wyoming, United States Of America 1988 - 1993

Postgraduate, Iowa State University of Science and Technology, United States Of America 1985 - 1987

Undergraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 1979 - 1983

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Evaluation of Brassica species for forage production and characterization of a Phytophthora sp. associated with Brassica spp., University of Wyoming, 1993

Postgraduate, Rhizosphere bacteria associated with maize, Iowa State University of Science and Technology, 1987

Research Areas

Agricultural Sciences, Agriculture

Courses

İleri Bitki Bakteriyolojisi, Postgraduate, 2016 - 2017

Tarla Bitkileri Hastalıkları II, Undergraduate, 2016 - 2017, 2015 - 2016

DEPOLANMIŞ ÜRÜN HASTALIKLARI, Undergraduate, 2016 - 2017, 2015 - 2016

BİTKİ BAKTERİYOLOJİSİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2011 - 2012

TOPRAK PATOJENLERİ, Postgraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2011 - 2012

Tarla Bitkileri Genel Hastalıkları, Undergraduate, 2015 - 2016

Chtridiomycota, Oomycota ve Zygomycota Taksonomisi, Postgraduate, 2013 - 2014, 2011 - 2012

Tarla Bitkileri hastalıkları, Undergraduate, 2013 - 2014, 2011 - 2012

Advising Theses

Karakaya A., Şanlıurfa ilinde kültür arpası (*Hordeum vulgare*) ve yabancı arpalarda (*H. spontaneum*, *H. bulbosum*) hastalık oluşturan *pyrenophora teres*'in patotiplerinin belirlenmesi, Doctorate, I.SARAÇ(Student), 2023

Karakaya A., Bazı arpa çeşit ve hatları ile yabancı arpa (*Hordeum spontaneum*) genotiplerinin *Cochliobolus* yaprak lekesi hastalığına karşı fide dönemi reaksiyonlarının belirlenmesi, Postgraduate, N.KIZIL(Student), 2023

Karakaya A., Domates yaprak küfü etmeni *Fulvia fulva*'nın ırklarının, Avr genlerindeki polimorfizmin belirlenmesi ve konukçu dayanıklılığı ile ilişkili bazı genlerin ifade analizi, Doctorate, E.GÜL(Student), 2022

Karakaya A., Bazı arpa ve yerel arpa çeşitleri ile yabancı arpa (*Hordeum spontaneum*) genotiplerinin *Pyrenophora graminea*'ya karşı reaksiyonlarının belirlenmesi ve bu genotiplerde Rdg2a dayanıklılık lokusunun moleküler markörler kullanılarak araştırılması, Postgraduate, H.SEVDE(Student), 2022

KARAKAYA A., Determination of the seedling reactions of some two-rowed barley landraces maintained at Osman Tosun Gene Bank to *Pyrenophora teres* f. *teres*, Postgraduate, A.ARAYA(Student), 2021

KARAKAYA A., Assessment of the reactions of some bread wheat genotypes to *Fusarium pseudograminearum*, Postgraduate, E.YAZICI(Student), 2020

KARAKAYA A., Bazı makarnalık buğday genotiplerinin *Fusarium pseudograminearum*'a karşı reaksiyonlarının belirlenmesi, Postgraduate, O.DOĞU(Student), 2018

KARAKAYA A., Determination of races of wheat stem rust (*Puccinia graminis* f. sp. *tritici*) in Kastamonu province and effects of *Berberis* species on pathogenic variation of stem rust, Doctorate, N.AKCI(Student), 2018

KARAKAYA A., *Pyrenophora teres* F. *Maculata*'nın patotiplerinin belirlenmesine yönelik farklı bir ayırıcı setin kullanımı, Postgraduate, B.BEISHENKANOVA(Student), 2018

KARAKAYA A., Türkiye'de buğdayda kök boğazı çürüklüğü ile ilişkili *Fusarium* türlerinin tespiti ve bazı buğday genotiplerinin *Fusarium culmorum*'a dayanıklılık durumlarının belirlenmesi, E.Shikur(Student), 2015

KARAKAYA A., Türkiye'de *Rhynchosporium commune*'nin patotiplerinin belirlenmesi ve bazı yerel arpa çeşitlerine ve yabancı arpa (*Hordeum spontaneum*) populasyonlarına karşı tepkilerinin değerlendirilmesi, Doctorate, M.REZA(Student), 2015

KARAKAYA A., Türkiye'de *Pyrenophora teres*'in patotiplerinin belirlenmesi ve bazı yerel arpa çeşitleri ile yabancı arpa (*Hordeum spontaneum*) populasyonlarına karşı tepkilerinin değerlendirilmesi, Doctorate, A.ÇELİK(Student), 2015

KARAKAYA A., Türkiye'de *Rhynchosporium commune*'nin patotiplerinin belirlenmesi ve bazı yerel arpa çeşitlerine ve yabancı arpa (*Hordeum spontaneum*) populasyonlarına karşı tepkilerinin değerlendirilmesi, M.Reza(Student), 2015

KARAKAYA A., Determination of *Fusarium* species associated with crown rot of wheat in Turkey and assessment of resistance status of some wheat genotypes to *Fusarium culmorum*, Doctorate, E.SHİKUR(Student), 2015

KARAKAYA A., Bazı yerel arpa çeşitlerinin drechslere *graminea* ya reaksiyonlarının belirlenmesi, Postgraduate, Y.ÇELİK(Student), 2013

KARAKAYA A., Rize ilinde maviyemişlerde görülen fungal hastalıkların belirlenmesi, Postgraduate, T.DİL(Student), 2013

KARAKAYA A., Eskişehir ili arpa ekim alanlarında görülen fungal yaprak ve başak hastalıklarının ve yaygınlıklarının belirlenmesi, Postgraduate, E.ÇELİK(Student), 2013

KARAKAYA A., Türkiye'de buğdayda kara pas (*Puccinia graminis* f. sp. *tritici*) ırkları/patotiplerinin ve bunların bazılarına karşı dayanıklı materyalin belirlenmesi, Doctorate, Z.MERT(Student), 2010

KARAKAYA A., Ankara koşullarında bazı korunga türlerinde görülen külleme hastalığı etmenlerinin belirlenmesi, Postgraduate, A.ÇELİK(Student), 2010

KARAKAYA A., Bazı arpa çeşitlerinin arpa çizgili yaprak lekesi etmeni drechslere *graminea* (Rab.) Shoem.'ya karşı reaksiyonlarının belirlenmesi, Postgraduate, C.JULUS(Student), 2006

KARAKAYA A., Ankara Üniversitesi Ziraat Fakültesi yonca ekim alanlarında görülen önemli hastalıkların belirlenmesi, Postgraduate, M.ÇİĞDEM(Student), 2005

KARAKAYA A., Bazı arpa çeşitlerinin ağ benek hastalık etmeni *Pyrenophora teres* (Died.) Drechs.'e karşı reaksiyonlarının belirlenmesi, Postgraduate, A.AKYOL(Student), 2004

KARAKAYA A., Türkiye'de tescilli arpa çeşitlerinin *Rhynchosporium* yaprak lekesi hastalığına karşı reaksiyonlarının belirlenmesi, Postgraduate, Z.MERT(Student), 2003

Advising Graduates (Non-Thesis)

Karakaya A., Ankara ili Bala ilçesi arpa alanlarında görülen yaprak hastalıkları, Masters (Non-Thesis), H.Ertürk(Student), 2018

Karakaya A., Ankara ili Çubuk ilçesi arpa ve buğday alanlarında görülen yaprak hastalıkları, Masters (Non-Thesis), M.Zeki(Student), 2017

Karakaya A., Bazı kavuzsuz arpa çeşit ve hatlarının Cochliobolus yaprak lekesi hastalığına karşı fide dönemi tepkilerinin değerlendirilmesi, Masters (Non-Thesis), S.Balcı(Student), 2017

Karakaya A., Kırıkkale ilinde buğday ve arpa bitkilerinde görülen yaprak hastalıkları, Masters (Non-Thesis), H.Yunus(Student), 2016

Karakaya A., Sakarya ve Düzce illerinde kivi bitkilerinde görülen hastalıklar üzerinde ön çalışma., Masters (Non-Thesis), S.Toktay(Student), 2016

Karakaya A., . Bazı arpa çeşitlerinin Drechslera teres f. teres' e karşı fide dönemi tepkilerinin belirlenmesi, Masters (Non-Thesis), B.Yazıcı(Student), 2014

Karakaya A., Bazı arpa genotiplerinin Drechslera teres f. maculata'ya fide dönemi reaksiyonlarının belirlenmesi., Masters (Non-Thesis), D.Aktaşdoğan(Student), 2013

Karakaya A., Bazı kavuzsuz arpa çeşit ve genotiplerinin Drechslera teres f. maculata'ya fide dönemi reaksiyonlarının belirlenmesi, Masters (Non-Thesis), E.Tuba(Student), 2013

Karakaya A., Buğdayda sürme hastalığı., Masters (Non-Thesis), İ.Bayram(Student), 2013

Karakaya A., Bazı arpa çeşitlerinin Drechslera teres f. maculata'ya fide dönemi reaksiyonlarının belirlenmesi., Masters (Non-Thesis), P.Usta(Student), 2013

Karakaya A., Bazı aspir genotiplerinin pas hastalığına karşı tepkilerinin belirlenmesi, Masters (Non-Thesis), S.Kalafat(Student), 2010

Karakaya A., Yenice, Dinçer ve Remzibey-05 aspir çeşitlerinin pas hastalığına karşı tepkilerinin belirlenmesi, Masters (Non-Thesis), A.Emir(Student), 2010

Karakaya A., Bazı arpa çeşitlerinin Drechslera teres f. maculata'ya fide dönemi tepkilerinin değerlendirilmesi, Masters (Non-Thesis), H.Taşkoparan(Student), 2009

Karakaya A., Buğdayda kara pas hastalığı, Masters (Non-Thesis), D.Atmaca(Student), 2008

Karakaya A., Arpada rastık hastalıkları, Masters (Non-Thesis), H.Keskin(Student), 2007

Karakaya A., Zeytin Hastalıkları, Masters (Non-Thesis), D.Göze(Student), 2007

Karakaya A., Manisa Alaşehir'de bağlarda görülen fungal hastalıklar ve mücadelesi, Masters (Non-Thesis), E.Faik(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Global Spread, Genetic Differentiation, and Selection of Barley Spot Form Net Blotch Isolates**
Hassett K., Muria-Gonzalez M. J., Martin A., KARAKAYA A., ÇELİK OĞUZ A., Bakonyi J., Knight N. L., Prins R., Ellwood S. R.
PHYTOPATHOLOGY, vol.114, pp.1542-1553, 2024 (SCI-Expanded)
- II. **Mutations associated with boscalid and pyraclostrobin resistance of Botrytis cinerea from vegetable fields in Turkey**
GÜL E., KARAKAYA A., ERGÜL A.
Tropical Plant Pathology, vol.49, no.3, pp.429-435, 2024 (SCI-Expanded)
- III. **The race distribution of the *Fulvia fulva* populations and mutations in the *Avr* genes in Turkey**
GÜL E., KARAKAYA A., ERGÜL A.
JOURNAL OF PHYTOPATHOLOGY, no.1, 2024 (SCI-Expanded)
- IV. **Determination of the frequency and virulence of some Botrytis cinerea isolates and a new Botrytis prunorum cryptic species causing grey mould disease on greenhouse tomatoes**
GÜL E., KARAKAYA A., ERGÜL A.
PLANT PATHOLOGY, vol.72, no.7, pp.1226-1235, 2023 (SCI-Expanded)
- V. **The reaction of CIMMYT durum wheat genotypes to Fusarium pseudograminearum at seedling and**

adult plant stages

Yllmaz O. D., KARAKAYA A., Erginbas-Orakci G., Aydoğan S., Ammar K., Dababat A. A.
Plant Genetic Resources: Characterisation and Utilisation, 2023 (SCI-Expanded)

- VI. **Wild barley (*Hordeum spontaneum*) and landraces (*Hordeum vulgare*) from Turkey contain an abundance of novel *Rhynchosporium commune* resistance loci**
Clare S. J., Çelik Oğuz A., Effertz K., Karakaya A., Azamparsa M. R., Brueggeman R. S.
Theoretical and Applied Genetics, vol.136, no.1, pp.1-14, 2023 (SCI-Expanded)
- VII. **Increased levels of cell wall degrading enzymes and peptidases are associated with aggressiveness in a virulent isolate of *Pyrenophora teres f. maculata***
Emir M., ÖZKETEN A. Ç., Ozketen A. A., Oguz A., Huang M., KARAKAYA A., Rampitsch C., GÜNEL A.
JOURNAL OF PLANT PHYSIOLOGY, vol.279, 2022 (SCI-Expanded)
- VIII. **Pathotype diversity of *Zymoseptoria tritici* (Desm. Quaedvlieg & Crous) isolates collected from Central Anatolia, Turkey**
Turgay E. B., Buyuk O., Yildirim A. F., Olmez F., Akci N., KARAKAYA A.
JOURNAL OF PHYTOPATHOLOGY, vol.170, no.9, pp.588-597, 2022 (SCI-Expanded)
- IX. **Determination of mating types of *Fulvia fulva* isolates from Turkey**
GÜL E., KARAKAYA A., ERGÜL A.
TROPICAL PLANT PATHOLOGY, vol.47, no.3, pp.421-429, 2022 (SCI-Expanded)
- X. **Genetic diversity of *Pyrenophora teres* in Algeria**
Ahmed Lhadj W., Boungab K., Righi Assia F., ÇELİK OĞUZ A., KARAKAYA A., Ölmez F.
Journal of Plant Pathology, vol.104, no.1, pp.305-315, 2022 (SCI-Expanded)
- XI. **Genome-wide association mapping of *Pyrenophora teres f. maculata* and *Pyrenophora teres f. teres* resistance loci utilizing natural Turkish wild and landrace barley populations**
Clare S. J., Oguz A., Effertz K., Poudel R. S., See D., KARAKAYA A., Brueggeman R. S.
G3-GENES GENOMES GENETICS, vol.11, no.11, 2021 (SCI-Expanded)
- XII. **First report of *Pseudocercospora fuligena* in tomato greenhouses in Turkey**
GÜL E., KARAKAYA A., ERGÜL A.
JOURNAL OF PLANT PATHOLOGY, vol.103, no.2, pp.745-746, 2021 (SCI-Expanded)
- XIII. **Genetic variation and mating type distribution of *Rhynchosporium commune* in Turkey**
Oguz A., Olmez F., KARAKAYA A., Azamparsa M. R.
PHYSIOLOGICAL AND MOLECULAR PLANT PATHOLOGY, vol.114, 2021 (SCI-Expanded)
- XIV. **Genetic Diversity of Barley Foliar Fungal Pathogens**
ÇELİK OĞUZ A., KARAKAYA A.
AGRONOMY-BASEL, vol.11, no.3, 2021 (SCI-Expanded)
- XV. **Determination of the Seedling Reactions of Some Turkish Bread and Durum Wheat Cultivars to Stem Rust Races TTTTF, RTTTC and RTTTF**
Akci N., KARAKAYA A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.27, no.3, pp.321-326, 2021 (SCI-Expanded)
- XVI. **The Use of an Alternative Differential Set for Determination of *Pyrenophora teres f. maculata* Pathotypes**
Beishenkanova B., KARAKAYA A., Oguz A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.26, no.4, pp.395-405, 2020 (SCI-Expanded)
- XVII. **Assessment of the Seedling Resistance of Spring Wheat Lines to *Fusarium culmorum***
Gebremariam E. S., KARAKAYA A., Erginbas-Orakci G., Dababat A. A., Paulitz T. C.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.26, no.1, pp.87-93, 2020 (SCI-Expanded)
- XVIII. **Identification of *Hordeum spontaneum* Genotypes Resistant to Net Blotch Disease**
Oguz A., KARAKAYA A., Duran R. M., Ozbek K.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.25, no.1, pp.115-122, 2019 (SCI-Expanded)

- XIX. **Genetic Diversity of Net Blotch Pathogens of Barley in Turkey**
Oguz A., ÖLMEZ F., KARAKAYA A.
INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY, vol.21, no.5, pp.1089-1096, 2019 (SCI-Expanded)
- XX. **Identification of Barley Landraces and Wild Barley (*Hordeum spontaneum*) Genotypes Resistant to *Rhynchosporium commune***
Azamparsa M. R., KARAKAYA A., Ergun N., Sayim I., Duran R. M., Ozbek K.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.25, no.4, pp.530-535, 2019 (SCI-Expanded)
- XXI. **Seedling Response of Iranian Barley Landraces to *Pyrenophora teres* f. *teres* and *Pyrenophora teres* f. *maculata***
Oguz A., Rahim A., KARAKAYA A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.25, no.1, pp.86-92, 2019 (SCI-Expanded)
- XXII. **Identity and pathogenicity of *Fusarium* species associated with crown rot on wheat (*Triticum* spp.) in Turkey**
Gebremariam E. S., Sharma-Poudyal D., Paulitz T. C., Erginbas-Orakci G., Karakaya A., Dababat A. A.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.150, no.2, pp.387-399, 2018 (SCI-Expanded)
- XXIII. **Mating type idiomorphs of *Pyrenophora teres* in Turkey**
ÇELİK OĞUZ A., ÖLMEZ F., KARAKAYA A.
ZEMDIRBYSTE-AGRICULTURE, vol.105, no.3, pp.271-278, 2018 (SCI-Expanded)
- XXIV. **Extracellular protease activity and glucose production in isolates of net blotch pathogens differing in virulence**
DİKİLİTAŞ M., ÇELİK OĞUZ A., KARAKAYA A.
ZEMDIRBYSTE-AGRICULTURE, vol.105, no.1, pp.89-94, 2018 (SCI-Expanded)
- XXV. **SEEDLING RESPONSE OF COMMONLY GROWN BARLEY CULTIVARS IN TURKEY TO SPOT BLOTCH DISEASE**
ÇELİK OĞUZ A., KARAKAYA A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.11, pp.6734-6738, 2017 (SCI-Expanded)
- XXVI. **Pathotypes of *Pyrenophora teres* on barley in Turkey**
ÇELİK OĞUZ A., KARAKAYA A.
PHYTOPATHOLOGIA MEDITERRANEA, vol.56, no.2, pp.224-234, 2017 (SCI-Expanded)
- XXVII. **Turkish barley landraces resistant to net and spot forms of *Pyrenophora teres***
ÇELİK OĞUZ A., KARAKAYA A., Ergun N., Sayim I.
PHYTOPATHOLOGIA MEDITERRANEA, vol.56, no.2, pp.217-223, 2017 (SCI-Expanded)
- XXVIII. **First report of *Fusarium hostae* causing crown rot on wheat (*Triticum* spp.) in Turkey**
Shikur Gebremariam E., Dababat A., Erginbas-Orakci G., KARAKAYA A., Poudyal D., Paulitz T.
Plant Disease, vol.100, no.1, pp.216, 2016 (SCI-Expanded)
- XXIX. **Diversity of sooty blotch and flyspeck fungi from apples in northeastern Turkey**
Mayfield D. A., KARAKAYA A., Batzer J. C., Blaser J. M., Gleason M. L.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.135, no.4, pp.805-815, 2013 (SCI-Expanded)
- XXX. **Determination of *Puccinia graminis* f. sp. *tritici* races of wheat in Turkey**
Mert Z., KARAKAYA A., Dusunceli F., Akan K., Cetin L.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.36, no.1, pp.107-120, 2012 (SCI-Expanded)
- XXXI. **Powdery mildew on *Salvia verticillata* subsp. *verticillata* in Turkey**
KARAKAYA A., GÜRBÜZ B.
Journal of Plant Pathology, vol.93, no.SUPPL. 4, 2011 (SCI-Expanded)
- XXXII. **Involvement of *Phytophthora citrophthora* in Kiwifruit Decline in Turkey**
Akilli S., Serce C. U., Katircioglu Y. Z., KARAKAYA A., Maden S.
JOURNAL OF PHYTOPATHOLOGY, vol.159, no.7-8, pp.579-581, 2011 (SCI-Expanded)
- XXXIII. ***Scleroramularia* gen. nov. associated with sooty blotch and flyspeck of apple and pawpaw from the Northern Hemisphere**
Li H., Sun G., Batzer J. C., Crous P. W., Groenewald J. Z., KARAKAYA A., Gleason M. L.

- FUNGAL DIVERSITY, vol.46, no.1, pp.53-66, 2011 (SCI-Expanded)
- XXXIV. **Botrytis Disease of Tea in Turkey**
KARAKAYA A., BAYRAKTAR H.
JOURNAL OF PHYTOPATHOLOGY, vol.158, no.10, pp.705-707, 2010 (SCI-Expanded)
- XXXV. **Determination of the Reactions of Some Barley Cultivars and Genotypes to Scald Under Greenhouse and Field Conditions**
Duesuenceli F., Cetin L., Albustan S., Mert Z., Akan K., KARAKAYA A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.14, no.1, pp.46-50, 2008 (SCI-Expanded)
- XXXVI. **Assessment of the Seedling Reactions of Some Turkish Barley Cultivars to Barley Stripe**
Ulus C., KARAKAYA A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.13, no.4, pp.409-412, 2007 (SCI-Expanded)
- XXXVII. **Passalora blight of anise (*Pimpinella anisum*) and its control in Turkey**
Erzurum K., Demirci F., Karakaya A., Cakir E., Tuncer G., Maden S.
Phytoparasitica, vol.33, no.3, pp.261-266, 2005 (SCI-Expanded)
- XXXVIII. **Assessment of the seedling reactions of Turkish barley cultivars to scald**
Mert Z., Karakaya A.
JOURNAL OF PHYTOPATHOLOGY, vol.152, no.3, pp.190-192, 2004 (SCI-Expanded)
- XXXIX. **Determination of the suitable inoculum concentration for *Rhynchosporium secalis* seedling assays**
Mert Z., Karakaya A.
JOURNAL OF PHYTOPATHOLOGY, vol.151, no.11-12, pp.699-701, 2003 (SCI-Expanded)
- XL. **Effect of growth season on forage yields of different Brassica cultivars under ankara conditions**
Ankara koşullarında farklı Brassica çeşitlerinin yem verimlerinde yetiştirme mevsiminin etkisi
ALTINOK S., KARAKAYA A.
Turkish Journal of Agriculture and Forestry, vol.27, no.2, pp.85-90, 2003 (SCI-Expanded)
- XLI. **Forage yield of different alfalfa cultivars under Ankara conditions** **Bazı Yonca Çeşitlerinin Ankara Koşullarında Yem Verimleri**
ALTINOK S., KARAKAYA A.
Turkish Journal of Agriculture and Forestry, vol.26, no.1, pp.11-16, 2002 (SCI-Expanded)
- XLII. ***Golovinomyces hyoscyami* on *Hyoscyamus niger* in Turkey**
Karakaya A.
MYCOTAXON, vol.75, pp.315-317, 2000 (SCI-Expanded)
- XLIII. **Susceptibility of different lentil (*Lens culinaris* Medik.) cultivars to *Agrobacterium tumefaciens* (Smith & Townsend) Conn** **Değişik mercimek (*Lens culinaris* Medik.) çeşitlerinin *Agrobacterium tumefaciens* (Smith & Townsend) Conn'e hassasiyetlerinin belirlenmesi**
KARAKAYA A., ÖZCAN S.
Turkish Journal of Botany, vol.22, no.5, pp.313-316, 1998 (SCI-Expanded)
- XLIV. **Powdery mildew on *Conyza* and *Cosmos* in Turkey**
Karakaya A.
MYCOTAXON, vol.68, pp.493-495, 1998 (SCI-Expanded)
- XLV. ***Leveillula taurica* on *onobrychis viciifolia* in Turkey**
Karakaya A.
MYCOTAXON, vol.66, pp.359-361, 1998 (SCI-Expanded)
- XLVI. ***Sphaerotheca ferruginea* on *sanguisorba minor* in Turkey**
Karakaya A.
MYCOTAXON, vol.66, pp.355-357, 1998 (SCI-Expanded)

Articles Published in Other Journals

1. **Leaf Diseases of Wild Barley (*Hordeum spontaneum*) in Bingöl University Campus, Turkey**

SARAÇ SİVRİKAYA I., ÇELİK OĞUZ A., KARAKAYA A.

Springer Nature Switzerland, 2023 (Peer-Reviewed Journal)

- II. **Determination of Seedling Reactions of Some Barley Cultivars, Lines, and Wild Barley (*Hordeum spontaneum*) Genotypes to Cochliobolus Leaf Spot Disease**
KIZIL N., KARAKAYA A., ÇELİK OĞUZ A., ERGÜN N.
SELÇUK JOURNAL OF AGRICULTURE AND FOOD SCIENCES, vol.37, no.2, pp.371-388, 2023 (Peer-Reviewed Journal)
- III. **Barley stripe disease in Turkey – current situation**
YÜCELER H. S., KARAKAYA A., ÇELİK OĞUZ A.
Bioengineering Studies, 2022 (Peer-Reviewed Journal)
- IV. **Determination of The Seedling Reactions of Some Two-Rowed Barley Landraces Maintained at Osman Tosun Gene Bank to Pyrenophora Teres F. Teres**
Araya A., Karakaya A., Çelik Oğuz A., Akdoğan G.
SELÇUK JOURNAL OF AGRICULTURE AND FOOD SCIENCES, vol.36, no.1, pp.20-26, 2022 (Peer-Reviewed Journal)
- V. **Puccinia graminis f. sp. tritici races identified on wheat and Berberis spp. in northern Turkey**
Akci N., KARAKAYA A.
Indian Phytopathology, vol.74, no.4, pp.1105-1109, 2021 (Scopus)
- VI. **The occurrence of barley (*Hordeum vulgare*) and wild barley (*H. spontaneum*) leaf diseases in Batman province and surrounding areas of Turkey**
SARAÇ SİVRİKAYA I., KARAKAYA A., ÇELİK OĞUZ A.
Selcuk Journal of Agriculture and Food Sciences, vol.35, pp.39-44, 2021 (Peer-Reviewed Journal)
- VII. **Evaluation of the fungicide resistance of gray mold (*Botrytis cinerea*) in tomatoes to boscalid and pyraclostrobin in greenhouse areas of Turkey Türkiye’de Domates Seralarında Kurşuni Küf (*Botrytis cinerea*) Hastalığının Boscalid ve Pyraclostrobin’e Karşı Fungisit Dayanıklılığının Değerlendirilmesi**
GÜL E., Karataş Z., KARAKAYA A.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.31, no.2, pp.487-493, 2021 (Scopus)
- VIII. **Diseases occurring on *Hordeum bulbosum* field populations at Bingöl province of Turkey**
KARAKAYA A., ÇELİK OĞUZ A., SARAÇ SİVRİKAYA I.
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, 2021 (Peer-Reviewed Journal)
- IX. **Tomato leaf mold in greenhouses of Bartın and Zonguldak provinces of Turkey**
GÜL E., KARAKAYA A.
Radovi Poljoprivrednog Fakulteta Univerziteta u Sarajevu (Works of the Faculty of Agriculture, University of Sarajevo)), pp.66-74, 2020 (Peer-Reviewed Journal)
- X. **Determination of the Seedling Reactions of Six-rowed Barley Landrace to Spot Blotch Disease Incited by *Cochliobolus sativus***
ÇELİK OĞUZ A., AKDOĞAN G., KARAKAYA A.
Harran Tarım ve Gıda Bilimleri Dergisi, vol.23, no.4, pp.444-450, 2019 (Peer-Reviewed Journal)
- XI. **Elazığ İlinde Arpalarda Görülen Yaprak Hastalıkları**
SARAÇ I., KARAKAYA A., ÇELİK OĞUZ A.
Tarla Bitkileri Merkez Araştırma Enstitüsü Dergisi, vol.28, no.1, pp.1-6, 2019 (Peer-Reviewed Journal)
- XII. **Kışlık Buğdaydaki Sistemik Bir Hastalık: *Cephalosporium Çizgi* Hastalığı *Cephalosporium gramineum* (syn. *Hymenula cerealis*)**
Gül E., Karakaya A.
International Journal of Eastern Mediterranean Agricultural Research, vol.2, no.1, pp.130-143, 2019 (Peer-Reviewed Journal)
- XIII. **Arpada Önemli Bir Hastalık Ağ Benek Hastalığı**
KARAKAYA A., ÇELİK OĞUZ A.
Tarım Gündem, vol.9, no.49, pp.78-86, 2019 (Non Peer-Reviewed Journal)
- XIV. **Bazı kavuzsuz arpa çeşit ve hatlarının *Cochliobolus* yaprak lekesi hastalığına karşı fide dönemi tepkilerinin değerlendirilmesi (Assessment of the seedling reactions of some hullless barley cultivars**

and genotypes to Cochliobolus spot blotch disease)

BALCI S., KARAKAYA A., ÇELİK OĞUZ A., ERGÜN N., SAYIM İ., AYDOĞAN S.

Bitki Koruma Bülteni, vol.58, no.4, pp.221-226, 2018 (Peer-Reviewed Journal)

- XV. **Leaf Diseases Occurring on Barley Plants in Bala District of Ankara Province, Turkey**
ERTÜRK H., KARAKAYA A., ÇELİK OĞUZ A.
Ecological Life Sciences, vol.13, no.4, pp.204-207, 2018 (Peer-Reviewed Journal)
- XVI. **Evaluation of Some Agronomic Properties of Iranian Barley Landraces under Greenhouse Conditions**
RAHİMİ A., KARAKAYA A., ÇELİK OĞUZ A., ERGÜN N., AYDOĞAN S.
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.68, no.1, pp.9-19, 2018 (Peer-Reviewed Journal)
- XVII. **Immune-phytopathological assessment of resistance of wheats to stem rust in conditions of the Southeast of Kazakhstan**
Amangeldikyzy Z., Kochorov A., KARAKAYA A., Morgunov A., Karbozova R., Gabdulov M.
Ecology, Environment and Conservation, vol.24, no.4, pp.1604-1610, 2018 (Scopus)
- XVIII. **Determination of the Reactions of Some Turkish Hulless Barley Lines to Drechslera graminea**
ÇELİK OĞUZ A., KARAKAYA A., ERGÜN N.
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.67, no.2, pp.196-202, 2017 (Peer-Reviewed Journal)
- XIX. **Evaluation of the Reactions of Some Hulless Barley Populations to Foliar Diseases under Field Conditions**
ÇELİK OĞUZ A., KARAKAYA A., SAYIM İ.
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.67, no.2, pp.203-209, 2017 (Peer-Reviewed Journal)
- XX. **Response of Iranian Barley Landraces to Drechslera graminea**
KARAKAYA A., ÇELİK OĞUZ A., RAHİMİ A.
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.67, no.2, pp.225-230, 2017 (Peer-Reviewed Journal)
- XXI. **Arpa (Hordeum vulgare L.) Köy Çeşitlerinde Tane Verimi ve Bazı Tarımsal Özelliklerin İncelenmesi**
ERGÜN N., SAYIM İ., AYDOĞAN S., KARAKAYA A., ÇELİK OĞUZ A.
Tarla Bitkileri Merkez Araştırma Enstitüsü Dergisi, vol.26, no.2, pp.180-189, 2017 (Peer-Reviewed Journal)
- XXII. **Leaf Diseases Occurring on Barley and Wheat Fields in Çubuk District of Ankara, Turkey**
İLGEN M. Z., KARAKAYA A., ÇELİK OĞUZ A.
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.67, no.2, pp.210-215, 2017 (Peer-Reviewed Journal)
- XXIII. **Determination of the Reactions of Iranian Barley Landrace Populations to Foliar Diseases under Field Conditions**
KARAKAYA A., ÇELİK OĞUZ A., AYDOĞAN S., RAHİMİ A.
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.67, no.2, pp.216-224, 2017 (Peer-Reviewed Journal)
- XXIV. **Kırıkkale İlinde Buğday ve Arpa Ekim Alanlarında Görülen Fungal Yaprak Hastalıklarının Belirlenmesi**
ÖZDEMİR H. Y., KARAKAYA A., ÇELİK OĞUZ A.
Bitki Koruma Bülteni, vol.57, no.2, pp.89-112, 2017 (Peer-Reviewed Journal)
- XXV. **Rize İlinde Çay Bitkisinde Görülen Hastalıklar**
KARAKAYA A., ÇELİK OĞUZ A.
Harman Time, vol.5, no.50, pp.76-79, 2017 (Non Peer-Reviewed Journal)
- XXVI. **Determination of the Reactions of Some Barley (Hordeum vulgare L.) Landraces and Cultivars to Drechslera graminea**
ÇELİK Y., KARAKAYA A., ÇELİK OĞUZ A., MERT Z., AKAN K., ERGÜN N., SAYIM İ.
Mediterranean Agricultural Sciences, vol.29, no.2, pp.43-47, 2016 (Peer-Reviewed Journal)
- XXVII. **Seedling Response of Gamma-ray Induced Advanced Barley Lines to Three Isolates of Drechslera**

teres f. teres

ÇELİK OĞUZ A., KARAKAYA A., MERT Z., AYDIN G., PEŞKİRCİOĞLU H., TUTLUER İ., SAGEL Z.

Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.61, no.66/1, pp.240-243, 2016
(Peer-Reviewed Journal)

XXVIII. Pestalotiopsis Species Isolated from Tea and Kiwifruit Plants in Turkey

ERTAŞ M. N., KARAKAYA A., ÇELİK OĞUZ A., BAŞTAŞ K. K.

Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.61, no.66/1, pp.264-268, 2016
(Peer-Reviewed Journal)

XXIX. Determination of the Seedling Reactions of Advanced Barley Lines to Spot Blotch Disease Caused by Cochliobolus sativus

ÇELİK OĞUZ A., KARAKAYA A., MERT Z., ERGÜN N., SAYİM İ., AYDOĞAN S.

Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.61, no.66/1, pp.244-246, 2016
(Peer-Reviewed Journal)

XXX. Determination of the Diseases Occurring on Naturally Growing Wild Barley (Hordeum Spontaneum) Field Populations

KARAKAYA A., MERT Z., ÇELİK OĞUZ A., ERTAŞ M. N., KARAGÖZ A.

Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.61, no.66/1, pp.291-295, 2016
(Peer-Reviewed Journal)

XXXI. Distribution of Barley Stripe Disease in Central Anatolia Turkey

KARAKAYA A., MERT Z., ÇELİK OĞUZ A., ÇETİN L.

Selcuk Journal of Agriculture and Food Sciences, vol.30, no.2, pp.59-61, 2016 (Peer-Reviewed Journal)

XXXII. Pyrenophora teres'de Patojenik Varyasyon

ÇELİK OĞUZ A., KARAKAYA A.

Mustafa Kemal Üniversitesi Ziraat Fakültesi Dergisi, vol.20, no.2, pp.83-102, 2015 (Peer-Reviewed Journal)

XXXIII. Determination of the Seedling Reactions of Some Barley Cultivars to Drechslera teres f. teres

YAZICI B., KARAKAYA A., ÇELİK OĞUZ A., MERT Z.

Bitki Koruma Bülteni, vol.55, no.3, pp.239-245, 2015 (Peer-Reviewed Journal)

XXXIV. Assessment of the Seedling Reactions of Some Hulless Barley Genotypes to Drechslera teres f. maculata

GERLEGİZ E. T., KARAKAYA A., ÇELİK OĞUZ A., MERT Z., ERGÜN N., SAYİM İ., AYDOĞAN S.

Selcuk Journal of Agriculture and Food Sciences, vol.28, no.2, pp.63-68, 2014 (Peer-Reviewed Journal)

XXXV. Determination of the Seedling Reactions of Twenty Barley Cultivars to Six Isolates of Drechslera teres f. maculata

USTA P., KARAKAYA A., ÇELİK OĞUZ A., MERT Z., KADİR A., ÇETİN L.

Anadolu Tarım Bilimleri Dergisi, vol.29, no.1, pp.20-25, 2014 (Peer-Reviewed Journal)

XXXVI. Bazı arpa genotiplerinin Drechslera teres f. maculata (Smed.-Pet., 1971)'ya karşı fide dönemi reaksiyonlarının belirlenmesi. (Assessment of the seedling reactions of some barley genotypes to Drechslera teres f. maculata (Smed.-Pet., 1971))

AKTAŞDOĞAN D., KARAKAYA A., ÇELİK OĞUZ A., MERT Z., SAYİM İ., ERGÜN N., AYDOĞAN S.

Bitki Koruma Bülteni, vol.53, no.3, pp.175-183, 2013 (Peer-Reviewed Journal)

XXXVII. First report of Alternaria alternata infection of kiwifruit in Turkey

KARAKAYA A., Çelik A.

Australasian Plant Disease Notes, vol.7, no.1, pp.181-182, 2012 (Scopus)

XXXVIII. Korungada külleme hastalığına potansiyel dayanıklılık kaynakları (Potential Resistance Sources for Powdery Mildew Disease of Sainfoin)

ÇELİK A., KARAKAYA A., AVCI S., SANCAK C., ÖZCAN S.

Bitki Koruma Bülteni, vol.52, no.2, pp.153-162, 2012 (Peer-Reviewed Journal)

XXXIX. Korungada külleme hastalığına potansiye dayanıklılık kaynakları

ÇELİK OĞUZ A., KARAKAYA A., AVCI S., SANCAK C., ÖZCAN S.

BİTKİ KORUMA BÜLTENİ, vol.52, pp.153-162, 2012 (Peer-Reviewed Journal)

XL. Türkiye de Yeni Bir Kivi Zararlısı Sera Thripseli Heliiothrips Haemorrhoidalis Bouché Thysanoptera

Thripidae

ÜLGENTÜRK S., Ayhan B., KARAKAYA A., Tunç İ.

Uludağ Üniversitesi Ziraat Fakültesi Dergisi, vol.25, no.1, pp.143-149, 2011 (Peer-Reviewed Journal)

- XXI. **Powdery mildews observed on *Onobrychis* spp. in Turkey**
Çelik A., KARAKAYA A., AVCI S., SANCAK C., ÖZCAN S.
Australasian Plant Disease Notes, vol.6, no.1, pp.49-53, 2011 (Scopus)
- XLII. **Botrytis disease of kiwifruit in Turkey**
KARAKAYA A., BAYRAKTAR H.
Australasian Plant Disease Notes, vol.4, no.1, pp.87-88, 2009 (Scopus)
- XLIII. **Rize İli Kivi Bahçelerinde Görülen Kabuklubitler ve Koşniller Hemiptera Coccoidea**
ÜLGENTÜRK S., Ayhan B., KARAKAYA A.
Uludağ Üniversitesi Ziraat Fakültesi Dergisi, vol.23, no.1, pp.55-60, 2009 (Peer-Reviewed Journal)
- XLIV. **The effect of postharvest treatments on storage duration of cantaloupes**
Halloran N., KASIM M. U., Cagiran R., KARAKAYA A.
Acta Horticulturae, vol.492, pp.207-212, 1999 (Scopus)
- XLV. **Occurrence of Rhizomania in Çorum Kastamonu and Turhal Sugar Refinery J Turk Phytopath 27 1 39 46**
ERTUNÇ F., Kudret E., KARAKAYA A., Diğdem i., Salih M.
Journal of Turkish Phytopathology, pp.39-46, 1998 (Peer-Reviewed Journal)
- XLVI. **Susceptibility of different lentil *Lens culinaris* Medik cultivars to *Agrobacterium tumefaciens* Smith Townsend Conn**
KARAKAYA A., ÖZCAN S.
Turkish Journal of Botany, vol.22, no.5, pp.313-316, 1998 (Scopus)

Books & Book Chapters

- I. **Fungal diseases affecting barley**
Karakaya A., Brueggeman R., Solanki S., Ameen G., Effertz K., Poudel R. S.
in: Achieving sustainable cultivation of barley , G. Fox,C. Li, Editor, Burleigh Dodds Science Publishing, London, pp.265-305, 2020
- II. **Biochemical, Physiological and Molecular Defence Mechanisms of Tea Plants Against Pathogenic Agents Under Changing Climate Conditions**
Karakaya A., Dikilitaş M.
in: Stress Physiology of Tea in the Face of Climate Change, Wen-Yan Han,Xin Li,Golam Jalal Ahammed, Editor, Springer, London/Berlin , Singapore, pp.241-268, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Leaf Diseases of Wild Barley (*Hordeum spontaneum*) in Bingöl University Campus, Turkey**
Saraç Sivrikaya I., Çelik Oğuz A., Karakaya A.
32nd Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 1 - 03 December 2022, pp.30-36
- II. **CURRENT SITUATION OF STEM RUST IN THE CWANA REGION**
Kadiroğlu A., Karakaya A.
Seventh International Scientific Conference "June 5th - World Environment Day", Bihac, Bosnia And Herzegovina, 9 - 10 June 2022, pp.22-34
- III. **DETERMINATION of THE RACES of *FULVIA FULVA* and MUTATIONS in AVR GENES in TURKEY**
Gül E., Karakaya A., Ergül A.
XIII International Agriculture Symposium "AGROSYM 2022", Sarajevo, Bosnia And Herzegovina, 6 - 09 October

2022, pp.1

- IV. **In search of resistance to barley stripe disease.**
YÜCELER H. S., ÇELİK OĞUZ A., KARAKAYA A.
Seventh International Scientific Conference-'June 5th-World Environment Day'At: Bihaç-Bosnia and Herzegovina, Bosnia And Herzegovina, 9 - 10 June 2022
- V. **Resistance breeding through genetic reservoirs of *Aegilops speltoides*.**
haydaroğlu ü. s., KARAKAYA A., ÇELİK OĞUZ A.
Scientific Conference-'June 5th-World Environment Day'At: Bihaç-Bosnia and Herzegovina, Bosnia And Herzegovina, 9 - 10 June 2022
- VI. **Barley and wild barley diseases from the Fertile Crescent**
SARAÇ SİVRİKAYA I., ÇELİK OĞUZ A., KARAKAYA A.
Seventh International Scientific Conference-'June 5th-World Environment Day'At: Bihaç-Bosnia and Herzegovina, Bosnia And Herzegovina, 9 - 10 June 2022
- VII. **Current Situation of Rice Blast Disease in Edirne, Turkey**
SEIDI M., KARAKAYA A., AKIN K., ÇELİK OĞUZ A.
In: Brka M., Omanovic-Miklicanin E., Karic L., Falan V., Toroman A. (eds) 30th Scientific-Experts Conference of Agriculture and Food Industry. AgriConf 2019. IFMBE Proceedings, vol 78. Springer, Cham (30th International Scientific-Expert Conference of Agriculture and Food Industry), Sarajevo, Bosnia And Herzegovina, 25 - 27 September 2019, vol.78, pp.92-97
- VIII. **Current situation of rice blast disease in Edirne, Turkey**
Seidi M., KARAKAYA A., Akın K., Oğuz A. Ç.
30th International Scientific-Experts Conference of Agriculture and Food Industry, AgriConf 2019, Sarajevo, Bosnia And Herzegovina, 26 - 27 September 2019, vol.78, pp.92-97
- IX. **Determination of the barley diseases in bingöl province of Turkey**
Sivrikaya I. S., KARAKAYA A., Oğuz A. Ç.
30th International Scientific-Experts Conference of Agriculture and Food Industry, AgriConf 2019, Sarajevo, Bosnia And Herzegovina, 26 - 27 September 2019, vol.78, pp.88-91
- X. **Prevalence of botrytis cinerea in tomato greenhouses in antalya province of Turkey and phenotypic characterization of isolates**
Gül E., Karakaya A.
30th International Scientific-Experts Conference of Agriculture and Food Industry, AgriConf 2019, Sarajevo, Bosnia And Herzegovina, 26 - 27 September 2019, vol.78, pp.98-106
- XI. **TOMATO LEAF MOLD IN GREENHOUSES OF BARTIN AND ZONGULDAK PROVINCES OF TURKEY**
GÜL E., KARAKAYA A.
30th International Scientific-Expert Conference of Agriculture and Food Industry, 25 - 27 September 2019
- XII. **Diseases Occurring on *Hordeum Bulbosum* Field Populations at Bingöl Province of Turkey**
KARAKAYA A., ÇELİK OĞUZ A., SARAÇ SİVRİKAYA I.
30th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 25 - 27 September 2019
- XIII. **Spray Induced Gene Silencing (SIGS) in Plant Pathogenic Fungi**
Gül E., Karakaya A.
1st International Molecular Plant Protection Congress, Adana, Turkey, 10 - 13 April 2019
- XIV. **A Preliminary Study of *Rhynchosporium commune* Genetic Diversity and Mating Type Distribution in Turkey**
GÜNEL A., KAYILI H. M., EMİR M., SALİH B., ÇELİK OĞUZ A., KARAKAYA A.
1. International Molecular Plant Protection Congress, Adana, Turkey, 10 - 12 April 2019
- XV. **N-glycosylation Profiling of *Pyrenophora teres f. maculata***
GÜNEL A., KAYILI H. M., EMİR M., SALİH B., ÇELİK OĞUZ A., KARAKAYA A.
1. International Molecular Plant Protection Congress, Adana, Turkey, 10 - 12 April 2019

Other Publications

- I. **Extending the grazing season with turnips and other Brassicas**
Koch D., Karakaya A.
Technical Report, pp.1-12, 1998
- II. **Powdery mildew of Brassica spp. in Wyoming**
Karakaya A., Gray F., Koch D.
Other, pp.1063, 1993

Supported Projects

Erdoğan T., Karakaya A., Yüceler H. S., Çelik Oğuz A., Özkan C., Development Agency, Drone ile Bağda, Mısırdada, Domateste, Buğdayda Hastalık ve Zararlıların Belirlenmesi ile Faydalı Böcek Salımı, 2022 - 2023

Metrics

Publication: 150

Citation (WoS): 197

Citation (Scopus): 256

H-Index (WoS): 9

H-Index (Scopus): 9