

## Assoc. Prof. ARZU ÇELİK OĞUZ

### Personal Information

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### Education Information

Doctorate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 2010 - 2015

Postgraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 2007 - 2010

Undergraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 2003 - 2007

### Dissertations

Doctorate, Türkiye’xxde Pyrenophora teres’xxin patotiplerinin belirlenmesi ve bazı yerel arpa çeşitleri ile yabani arpa (*Hordeum spontaneum*) populasyonlarına karşı tepkilerinin değerlendirilmesi, Ankara University, Fen Bilimleri Enstitüsü, Bitki Koruma (Dr), 2015

Postgraduate, Ankara koşullarında bazı korunga türlerinde görülen külleme hastalığı etmenlerinin belirlenmesi, Ankara University, Fen Bilimleri Enstitüsü, Bitki Koruma (YI) (Tezli), 2010

### Research Areas

Agricultural Sciences

### Academic Titles / Tasks

Associate Professor, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, 2020 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- 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)
- 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)
- 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)

- IV. **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)
- V. **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)
- VI. **Genetic diversity and mating-type frequency of *Exserohilum turcicum* in Turkey**  
Turgay E. B., ÇELİK OĞUZ A., Ölmez F., TUNALI B., KURT Ş., Akcali E., Baran B., Buyuk O., Helvacioğlu O., Enginsu S., et al.  
JOURNAL OF PHYTOPATHOLOGY, vol.169, no.9, pp.570-576, 2021 (SCI-Expanded)
- VII. **Genetic variation and mating type distribution of *Rhynchosporium commune* in Turkey**  
Oguz A., Ölmez F., KARAKAYA A., Azamparsa M. R.  
PHYSIOLOGICAL AND MOLECULAR PLANT PATHOLOGY, vol.114, 2021 (SCI-Expanded)
- VIII. **Genetic Diversity of Barley Foliar Fungal Pathogens**  
ÇELİK OĞUZ A., KARAKAYA A.  
AGRONOMY-BASEL, vol.11, no.3, 2021 (SCI-Expanded)
- IX. **Resistance of European Spring 2-Row Barley Cultivars to *Pyrenophora graminea* and Detection of Associated Loci**  
Faccini N., Delbono S., ÇELİK OĞUZ A., Cattivelli L., Vale G., Tondelli A.  
AGRONOMY-BASEL, vol.11, no.2, 2021 (SCI-Expanded)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **Resistance of wild barley (*Hordeum spontaneum*) and barley landraces to leaf stripe (*Drechslera graminea*)**  
ÇELİK OĞUZ A.  
PHYTOPATHOLOGIA MEDITERRANEA, vol.58, no.3, pp.485-495, 2019 (SCI-Expanded)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **SEEDLING 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)
- XIX. **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)

### Articles Published in Other Journals

- I. **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. **Önemli Bir Arpa Patojeni: *Ramularia collo-cygni***  
Aslan Z., Çelik Oğuz A., Karakaya A.  
Dicle Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.1, pp.205-237, 2022 (Peer-Reviewed Journal)
- V. **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)
- 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.  
Selçuk Journal of Agriculture and Food Sciences, vol.35, pp.39-44, 2021 (Peer-Reviewed Journal)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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., SAYİM İ., AYDOĞAN S.

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

- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **Evaluation of the Reactions of Some Hulless Barley Populations to Foliar Diseases under Field Conditions**  
ÇELİK OĞUZ A., KARAKAYA A., SAYİM İ.  
Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo, vol.67, no.2, pp.203-209, 2017 (Peer-Reviewed Journal)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **Arpa (Hordeum vulgare L.) Köy Çeşitlerinde Tane Verimi ve Bazı Tarımsal Özelliklerin İncelenmesi**  
ERGÜN N., SAYİM 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)
- XX. **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)
- XXI. **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)
- XXII. **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., SAYİM İ.  
Mediterranean Agricultural Sciences, vol.29, no.2, pp.43-47, 2016 (Peer-Reviewed Journal)
- XXIII. **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)
- XXIV. **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)

- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. ***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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)

## Books & Book Chapters

### I. Karnal bunt (*Tilletia indica*) in wheat

TURGAY E. B., ÇELİK OĞUZ A., ÖLMEZ F.

in: Climate Change and Food Security with Emphasis on Wheat, Munir Öztürk and Alvina Gül, Editor, Elsevier, Academic Press, pp.229-241, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Resistance breeding through genetic reservoirs of *Aegilops speltoides*.**  
haydaroglu 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
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **Resistance in Six-rowed Barley Genotypes to *Drechslera graminea***  
KARAKAYA A., ÇELİK OĞUZ A., AKDOĞAN G.  
International Conference on Advances in Plant Sciences 2019, Sarajevo, Bosnia And Herzegovina, 25 - 26 April 2019
- IX. **Comparative View on Two *Pyrenophora teres f. maculata* Races via Proteome Profiling Identifies Small Secreted Effector Candidates**  
GÜNEL A., ANDAÇ A., ÖZKETEN A., EMİR M., MERAL Ş., ÇELİK OĞUZ A., RAMPİTSCH C., KARAKAYA A.  
3rd INPPO World Congress, Padova, Italy, 10 - 12 September 2018
- X. **Leaf Diseases Occurring on Barley Plants in Bala District of Ankara Province, Turkey**  
ERTÜRK H., KARAKAYA A., ÇELİK OĞUZ A.  
ISS2018 3rd International Science Symposium, Prishtina, Serbia, 5 - 08 September 2018
- XI. **Assessment of the Seedling Reactions of Some Six-rowed Barley Landraces to *Pyrenophorateres f. teres*.**  
ÇELİK OĞUZ A., KARAKAYA A., AKDOĞAN G.  
International Conference on Advances in Plant Sciences 2018, Sarajevo, Bosnia And Herzegovina, 25 - 27 April 2018
- XII. **Determination of Seedling Reactions of Some Six-rowed Barley Landraces to Spot Blotch Disease.**  
ÇELİK OĞUZ A., KARAKAYA A., AKDOĞAN G.  
International Conference on Advances in Plant Sciences 2018, Sarajevo, Bosnia And Herzegovina, 25 - 27 April 2018

- XIII. **Leaf Diseases Occuring on Barley and Wheat Fields in Çubuk District of Ankara, Turkey**  
İLGEN M. Z., KARAKAYA A., ÇELİK OĞUZ A.  
28th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 27 - 29 September 2017, pp.113
- XIV. **Determination of the Reactions of Some Hulless Barley Lines to Drechslera graminea**  
ÇELİK OĞUZ A., KARAKAYA A., ERGÜN N.  
28th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 27 September - 29 December 2017, pp.85
- XV. **Response of Iranian Barley Landraces to Drechslera graminea**  
KARAKAYA A., ÇELİK OĞUZ A., RAHİMİ A.  
28th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 27 - 29 September 2017, pp.119
- XVI. **Evaluation of the Reactions of Some Hulless Barley Populations to Foliar Diseases under Field Conditions**  
ÇELİK OĞUZ A., KARAKAYA A., SAYİM İ.  
28th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 27 - 29 September 2017, pp.86
- XVII. **Evaluation of Some Agronomic Properties of Iranian Barley Landraces under Greenhouse Conditions**  
RAHİMİ A., KARAKAYA A., ÇELİK OĞUZ A.  
28th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 27 - 29 September 2017, pp.128
- XVIII. **Determination of the Reactions of Iranian Barley Landrace Populations to Foliar Diseases under Field Conditions**  
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28th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 27 - 29 September 2017, pp.118
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International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.280
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Uluslararası Katılımlı Türkiye 6. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016
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TOKTAY S., KARAKAYA A., ÇELİK OĞUZ A.  
Uluslararası katılımlı Türkiye 6. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016
- XXIV. **Türkiye de Pyrenophora teres in Patotiplerinin Belirlenmesi**  
ÇELİK OĞUZ A., KARAKAYA A., MERT Z.  
Uluslararası katılımlı Türkiye 6. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016
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- KARAKAYA A., MERT Z., ÇELİK OĞUZ A., ERTAŞ M. N., KARAGÖZ A.  
26th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 27 - 30 September 2015
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ERTAŞ M. N., KARAKAYA A., ÇELİK OĞUZ A., BAŞTAŞ K. K.  
26th International Scientific-Expert Conference of Agriculture and Food Industry., Sarajevo, Bosnia And Herzegovina, 27 - 30 September 2015
- XXVII. **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., SAYIM İ., AYDOĞAN S.  
26th International Scientific-Expert Conference of Agriculture and Food Industry. Sarajevo-September 27-30, 2015., Sarajevo, Bosnia And Herzegovina, 27 - 30 September 2015
- XXVIII. **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., SAĞEL Z.  
26th International Scientific-Expert Conference of Agriculture and Food Industry., Sarajevo, Bosnia And Herzegovina, 27 - 30 September 2015
- XXIX. **Pyrenophora teres f. maculata Fungus Misel Proteom Haritalaması.**  
EMİR M., MAHMUT G., MERAL Ş., ÇELİK OĞUZ A., C, R., KARAKAYA A., GÜNEL A.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- XXX. **Identification of Fungal Pathogens Isolated from Blueberry Gardens in Turkey**  
FIGUEROA M., STEFFENSON B., MERT Z., CASTEL MILLER C., KARAKAYA A., ÇELİK OĞUZ A., DİL T.  
2014 APS-CPS Joint Meeting, Minneapolis-Minnesota, United States Of America, 9 - 13 September 2014
- XXXI. **Current Status of Scald and Net Blotch Diseases of Barley in Turkey**  
KARAKAYA A., MERT Z., ÇELİK OĞUZ A., AZAMPARSA M. R., ÇELİK E., AKAN K., ÇETİN L.  
IWBLD – 1st International Workshop on Barley Leaf Diseases, Salsomaggiore Terme, Italy, 3 - 06 June 2014, pp.30
- XXXII. **Distribution of Barley Stripe Disease in Central Anatolia, Turkey**  
KARAKAYA A., MERT Z., ÇELİK OĞUZ A., ÇETİN L.  
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ÇELİK Y., KARAKAYA A., ÇELİK OĞUZ A., MERT Z., AKAN K., ERGÜN N., SAYIM İ.  
IWBLD – 1st International Workshop on Barley Leaf Diseases, Salsomaggiore Terme, Italy, 3 - 06 June 2014, pp.65
- XXXIV. **Field Evaluation of Some Turkish Barley Landraces to Scald and Net Blotch of Barley**  
MERT Z., KARAKAYA A., ÇELİK OĞUZ A., AZAMPARSA M. R., ERGÜN N., SAYIM İ.  
IWBLD – 1st International Workshop on Barley Leaf Diseases, Salsomaggiore Terme, Italy, 3 - 06 June 2014, pp.64
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IWBLD – 1st International Workshop on Barley Leaf Diseases, SalsomaggioreTerme, Italy, 3 - 06 June 2014, pp.59
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KARAKAYA A., ÇELİK OĞUZ A.  
İç Anadolu Bölgesi 1. Tarım ve Gıda Kongresi., Niğde, Turkey, 2 - 04 October 2013, pp.223-225
- XXXVII. **Blueberry Fungal Diseases in Rize, Turkey**  
DİL T., KARAKAYA A., ÇELİK OĞUZ A.  
24th International Scientific-Expert-Conference of Agriculture and Food Industry, Sarajevo, Bosnia And Herzegovina, 25 - 28 September 2013, pp.409-413
- XXXVIII. **Rize İlinde Kivi Bitkilerinde Görülen Hastalıklar**  
KARAKAYA A., ÇELİK OĞUZ A.  
II. Rize Kalkınma Sempozyumu, Rize, Turkey, 3 - 04 May 2013, pp.209-217
- XXXIX. **Rize İlinde ve Doğu Karadeniz Bölgesinde Çay Bitkilerinde Görülen Hastalıklar**  
KARAKAYA A., ÇELİK OĞUZ A.

II. Rize Kalkınma Sempozyumu, Rize, Turkey, 3 - 04 May 2013, pp.187-197

**XL. Fungal Diseases of Kiwifruit Observed in Rize Province of Turkey**

KARAKAYA A., ÇELİK A., MORIWAKI J., SATO T.

Asian Mycological Congress 2011 and the 12 th International Marine and Freshwater Mycology Symposium, Incheon, South Korea, 7 - 11 August 2011

**XLI. Farklı Korunma Türlerinde Külleme etmenleri ve potansiyel dayanıklılık kaynakları**

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

Türkiye IV. Bitki Koruma Kongresi Bildirileri, Kahramanmaraş, Turkey, 28 - 30 June 2011

**XLII. Farklı Korunma Türlerinde Görülen Külleme Etmenleri ve Potansiyel Dayanıklılık Kaynakları**

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

Türkiye IV. Bitki Koruma Kongresi, Kahramanmaraş, Turkey, 28 - 30 June 2011, pp.76

## Supported Projects

Çelik Oğuz A., Haydaroğlu Ü. S., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Arpa Çizgi Yaprak Lekesi (*Pyrenophora graminea*) ve *Bipolaris sorokiniana* Yaprak Lekesi Hastalıklarına Dayanıklılıkla İlişkili Moleküler Markörlerin Geliştirilmesi, 2022 - 2024

Akdoğan G., Çelik Oğuz A., Benlioğlu B., Karakaya A., TÜBİTAK Project, Arpa Islahı İçin Ana Gen Kaynağı Koleksiyonunun Oluşturulması ve Genotiplerde Genom-Boyutlu İlişkilendirme Çalışması ile Agro-Morfolojik ve Patojen İlişkili Karakterler-SNP İlişkilerinin Belirlenmesi (The Generation of Core Germplasm Collection for Barley Breeding and Determination of Agro-Morphological and Pathogen Related Characters and- SNP Relation Using Genome-Wide Association Studies), 2019 - 2024

Çelik Oğuz A., Karakaya A., Özkan C., Development Agency, Drone ile Bağda, Mısırdaki, Domateste ve Buğdayda Hastalık ve Zararlıların Belirlenmesi ile Faydalı Böcek Salımı , 2022 - 2023

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

Çelik Oğuz A., Karaoğlu C., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Arpada Ağbenek (*Pyrenophora teres*) ve Yaprak Leke (*Rhynchosporium commune*) Hastalıklarına Dayanıklılık İle İlişkili Moleküler Marker Geliştirilmesi (Development of Molecular Markers Related to Scald (*Rhynchosporium commune*) and Net Blotch (*Pyrenophora teres*) Diseases on Barley)(TAGEM Projesi), 2019 - 2023

Karakaya A., TÜBİTAK Project, Arpa Köy Çeşitleri ve Yabancı Arpa (*Hordeum spontaneum*) Populasyonlarının Arpa Yaprak Lekesi ve Ağbenek Hastalıklarına Karşı Reaksiyonları ve Hastalık Etmenlerinin Patotiplerinin Belirlenmesi, 2012 - 2015

Çelik Oğuz A., Karakaya A., Project Supported by Higher Education Institutions, Rize İlinde Kivilerde Görülen Önemli Fungal Hastalıkların Belirlenmesi, 2008 - 2011

Çelik Oğuz A., Gürkan O., TÜBİTAK International Bilateral Joint Cooperation Program Project, Şerbetçi otu (*Humulus lupulus* L (Cannabaceae)) nun kapsüllenmiş ekstraktının bazı böceklerde antifeedant ve toksik etkileri, 2008 - 2010

## Metrics

Publication: 99

Citation (WoS): 58

Citation (Scopus): 64

H-Index (WoS): 5

H-Index (Scopus): 5