

## Assoc. Prof. ONUR HOCAOĞLU

### Personal Information

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### International Researcher IDs

ScholarID: rOpnX3kAAAAJ

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Publons / Web Of Science ResearcherID: FZM-5719-2022

ScopusID: 57200111617

Yoksis Researcher ID: 30573

### Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Tarla Bitkileri, Turkey 2013 - 2020

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Tarla Bitkileri Anabilim Dalı, Turkey 2011 - 2013

Undergraduate, Ege University, Faculty Of Agriculture, Tarla Bitkileri Bölümü, Turkey 2006 - 2011

### Foreign Languages

English, C1 Advanced

### Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Cereal Grains (wheat, oats, rye, corn, barley, millets, rice,etc.), Cool Climate Cereals

### Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarla Bitkileri, 2023 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarla Bitkileri, 2022 - Continues

Research Assistant, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Tarla Bitkileri, 2011 - 2022

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

- Evaluating Scald Reactions of Some Turkish Barley (*Hordeum vulgare* L.) Varieties Using GGE Biplot Analysis**  
Akan K., Cat A., HOCAOĞLU O., TEKİN M.  
AGRONOMY-BASEL, vol.13, no.12, 2023 (SCI-Expanded)
- Modelling the Effect of Irrigation Deficit on Maize Growth with Logistic Regression**

- HOCAOĞLU O., Gönülal E., AKÇURA M.  
Communications in Soil Science and Plant Analysis, vol.54, no.9, pp.1293-1305, 2023 (SCI-Expanded)
- III. **Bioethanol potential of switchgrass cultivars for rainfed and irrigated conditions in marginal lands**  
Gönülal E., HOCAOĞLU O.  
Archives of Agronomy and Soil Science, vol.69, no.15, pp.3651-3669, 2023 (SCI-Expanded)
- IV. **ANALYSING GROWTH PATTERNS OF SELECTED TURKISH OAT CULTIVARS USING SIGMOIDAL MODELS**  
HOCAOĞLU O.  
TURKISH JOURNAL OF FIELD CROPS, vol.27, no.1, pp.95-102, 2022 (SCI-Expanded)
- V. **Evaluating leaf rust reactions of pure bread wheat landrace lines using non-parametric statistics**  
HOCAOĞLU O., Akan K., AKÇURA M.  
PHYTOPARASITICA, vol.48, no.2, pp.261-271, 2020 (SCI-Expanded)
- VI. **Changes in the Grain Element Contents of Durum Wheat Varieties of Turkey Registered between 1967-2010**  
HOCAOĞLU O., AKÇURA M., KAPLAN M.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.51, no.4, pp.431-439, 2020 (SCI-Expanded)
- VII. **Decision making on nitrogen management of oat (Avena sativa) using grain yield potential and nitrogen use efficiency**  
HOCAOĞLU O., AKÇURA M.  
Turkish Journal of Field Crops, vol.25, no.2, pp.208-215, 2020 (SCI-Expanded)
- VIII. **Callus Induction of Mature Wheat Embryos Treated With Sodium Hypochloride**  
TÜRKMEN O. S., EGESEL C. Ö., HOCAOĞLU O., Fedakar S.  
JOURNAL OF BIOTECHNOLOGY, no.280, pp.29, 2018 (SCI-Expanded)
- IX. **EVALUATION OF DRY MATTER ACCUMULATION IN TRITICALE BY DIFFERENT SIGMOIDAL GROWTH MODELS IN WEST ANATOLIA OF TURKEY**  
Hocaoğlu O., Coşkun Y.  
GENETİKA-BELGRADE, vol.50, no.2, pp.561-574, 2018 (SCI-Expanded)
- X. **BIPLOT ANALYSIS OF LEAF RUST RESISTANCE IN PURE LINES SELECTED FROM EASTERN ANATOLIAN BREAD WHEAT LANDRACES OF TURKEY**  
AKÇURA M., AKAN K., HOCAOĞLU O.  
TURKISH JOURNAL OF FIELD CROPS, vol.22, no.2, pp.227-234, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Türkiyenin Değişik İllerinden Toplanmış Yerel Kışlık Ekmeklik Buğday Çeşitlerinden Seçilen Saf Hatların Verim ve Verim Unsurlarının Belirlenmesi**  
AKÇURA M., HOCAOĞLU O.  
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.10, pp.2140-2150, 2022 (Peer-Reviewed Journal)
- II. **Türkiye'ye Ait Yerel Ekmeklik Buğday Çeşitlerinden Seçilen Saf Hatlar ile Bazı Tescilli Çeşitlerin Tane Kalite Özelliklerinin Belirlenmesi**  
AKÇURA M., HOCAOĞLU O., AYDOĞAN S., GÖÇMEN AKÇACIK A.  
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.10, pp.2173-2179, 2022 (Peer-Reviewed Journal)
- III. **Kavuzsuz yulaf genotiplerinde büyümenin doğrusal olmayan regresyon modelleri ve Zadoks büyüme skalası ile belirlenmesi**  
HOCAOĞLU O., AKÇURA M., ÇERİ S.  
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.9, no.4, pp.1033-1041, 2022 (Peer-Reviewed Journal)
- IV. **Kavuzsuz yulaf genotipleri ile bazı yulaf çeşitlerinin Marmara bölgesindeki tane verimleri ve bazı tarımsal özelliklerinin değerlendirilmesi**

HOCAOĞLU O., AKÇURA M., ÇERİ S.

TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.9, no.3, pp.771-778, 2022 (Peer-Reviewed Journal)

- V. **Evaluating the Element Contents of Durum Wheat Landraces Pure Lines in Çanakkale Conditions**  
HOCAOĞLU O., AKÇURA M., KAPLAN M.

Turkish Journal of Agricultural and Natural Sciences, vol.7, no.2, pp.368-374, 2020 (Peer-Reviewed Journal)

- VI. **Using GGE Biplot Analysis to Evaluate Interrelationships between Yield and Yield Components of Oat Genotypes in Different Growing Seasons**

AKÇURA M., SABANDÜZEN B., HOCAOĞLU O.

Journal of Crop Science and Biotechnology, vol.21, no.5, pp.483-490, 2018 (Scopus)

- VII. **Evaluating Mineral Contents of Selected Bread Wheat Landrace Pure Lines Derived from West Anatolia and Marmara Regions and Cultivars by GGE Biplot**

HOCAOĞLU O., AKÇURA M.

Journal of Tekirdag Agricultural Faculty, vol.0, pp.71-76, 2017 (Scopus)

- VIII. **Evaluating Mineral Contents of Selected Bread Wheat Landrace Pure Lines Derived from West Anatolia and Marmara Regions and Cultivars by GGE Biplot**

HOCAOĞLU O., AKÇURA M.

Journal of Tekirdag Agricultural Faculty, pp.71-76, 2017 (Scopus)

## Books

- I. **GEÇMİŞTEN GÜNÜMÜZE KAVUZSUZ ARPALAR: TARIMSAL ARAŞTIRMALAR ÜZERİNE BİR DERLEME**  
HOCAOĞLU O.  
in: ZIRAAT, ORMAN VE SU ÜRÜNLERİ ALANINDA ULUSLARARASI ARAŞTIRMALAR XI, YORULMAZ SİBEL, Editor, Eğitim Yayınevi, İstanbul, pp.21-37, 2024
- II. **TAHİL DENEMELERİNDE KULLANILAN AZOT KULLANIM ETKİNLİĞİ HESAPLAMALARI**  
HOCAOĞLU O.  
in: ZIRAAT, ORMAN VE SU ÜRÜNLERİ ALANINDA AKADEMİK ÇALIŞMALAR VI, BAYAV ALAMETTİN, Editor, IKSAD INTERNATIONAL PUBLISHING HOUSE, Ankara, pp.45-64, 2024
- III. **OLAĞANDIŞI İKLİMSEL KOŞULLARIN EĞRİ UYDURMA YÖNTEMİ İLE YAPILAN BİTKİ BÜYÜME MODELLEMESİNE ETKİLERİ**  
HOCAOĞLU O.  
in: TÜRKİYE'DE AGROEKOLOJİ: BİLİM, UYGULAMA VE SÜRDÜRÜLEBİLİRLİK, Prof. Dr. Zeliha GÖKBAYRAK; Doç. Dr. Nurhan KESKİN; Doç. Dr. Burçak İŞÇİ, Editor, IKSAD INTERNATIONAL PUBLISHING HOUSE, Çanakkale, pp.119-136, 2023
- IV. **CURVE FITTING IN AGRONOMY: PROSPECTS AND CAUTIONS**  
HOCAOĞLU O.  
in: COMPENDIUM OF ADVANCES IN AGRICULTURE, Zeliha GÖKBAYRAK, Burçak İŞÇİ, Nurhan KESKİN, Editor, Iksad publishing house, Ankara, pp.229-246, 2022
- V. **PANDEMİ VE TARIM: YA YARIN MARKETTE UN KALMAZSA?**  
HOCAOĞLU O.  
in: PANDEMİNSAN, ALPER SAĞLIK, Editor, ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ, Çanakkale, pp.87-95, 2020

## Papers Published in Refereed Scientific Meetings

- I. **Çanakkale Koşullarındaki Kışlık Tahıl Yetiştiriciliğinin Modellenmesinde Hızlı Büyüme Dönemindeki Gecikmenin Yol Açtığı Farklılıkların İncelenmesi**  
HOCAOĞLU O., AKÇURA M.  
3. ÇANAKKALE TARIMI SEMPOZYUMU, Çanakkale, Turkey, 16 November 2022, pp.16

- II. **Determination of Barley Nitrogen Nutrition Status Based on Image Colour Analysis**  
HOCAOĞLU O.  
3rd International Congress on Plant Biology, Rize, Turkey, 21 September 2022, pp.140
- III. **EVALUATING THE NITROGEN REMOBILIZATION AND PARTITIONING OF SELECTED TURKISH OAT CULTIVARS**  
HOCAOĞLU O.  
IV. INTERNATIONAL AGRICULTURAL, BIOLOGICAL, LIFE SCIENCE CONFERENCE, Edirne, Turkey, 28 - 31 August 2022, pp.389
- IV. **EXAMINING THE CHANGE OF PROTEIN CONTENTS AND FIBER COMPONENTS OF HULLESS AND HULLED BARLEY CULTIVARS UNDER VARYING NITROGEN REGIMES**  
HOCAOĞLU O.  
IV. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 31 August 2022, pp.95
- V. **EFFECTS OF NITROGEN FERTILIZERS, GENOTYPE AND CUTTING STAGES ON PROTEIN CONTENTS AND FIBER COMPONENTS OF OAT FORAGE**  
HOCAOĞLU O., AKÇURA M.  
III. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 29 August 2021, pp.357
- VI. **Callus induction of mature wheat embryos treated with sodium hypochloride**  
TÜRKMEN O. S., EGESEL C. Ö., HOCAOĞLU O., Fedakar S. O.  
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- VII. **Identification of Yellow Rust Reactions in Some Winter Bread Wheat Landraces PureLines**  
AKAN K., AKÇURA M., HOCAOĞLU O.  
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.316
- VIII. **The Seedling Reactions of Some Winter Bread Wheat Landraces Materials to Leaf Rust**  
AKAN K., AKÇURA M., HOCAOĞLU O.  
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.868
- IX. **Determination of Leaf Rust Reactions in Turkish Bread Wheat Landraces Pure Lines**  
AKAN K., AKÇURA M., HOCAOĞLU O.  
International Congress on Engineering and Life Science (ICELİS), Kastamonu, Turkey, 26 - 29 April 2018, pp.388
- X. **Determination of Stem Rust (Puccinia graminis f. sp. tritici) Reactions on Some Winter Bread Wheat Landraces Genotypes**  
AKAN K., AKÇURA M., HOCAOĞLU O.  
International Congress on Engineering and Life Science (ICELIS), Kastamonu, Turkey, 26 - 29 April 2018, pp.384
- XI. **Evaluating Mineral Contents of Selected Bread Wheat Landrace Pure Lines Derived from West Anatolia and Marmara Regions and Cultivars by GGE Biplot**  
HOCAOĞLU O., AKÇURA M.  
2nd International Balkan Agriculture Congress, Tekirdağ, Turkey, 16 - 18 May 2017, vol.1, pp.150
- XII. **Evaluating Yield And Yield Components Of Pure Lines Selected From Bread Wheat Landraces Comparatively Along With Registered Wheat Cultivars In Canakkale Ecological Conditions**  
HOCAOĞLU O., AKÇURA M.  
International Agribalkan Congress, Edirne, Turkey, 8 - 11 October 2014, pp.1528-1539

## Supported Projects

HOCAOĞLU O., AKÇURA M., Project Supported by Higher Education Institutions, Arpada Azot Kullanım Etkinliğinin Belirlenmesi, 2020 - 2023

Akan K., Hocaoglu O., Çat A., Tekin M., Project Supported by Higher Education Institutions, Kırşehir, Antalya ve Çanakkale İlleri Buğday Hastalıkları Araştırmaları Projesi, 2019 - 2020

AKÇURA M., HOCAOĞLU O., Project Supported by Higher Education Institutions, Çanakkale Koşullarında Bazı Yulaf

Çeşitlerinin Azot Kullanım Etkinliklerinin Belirlenmesi, 2016 - 2020

AKÇURA M., KAPLAN M., HOCAOĞLU O., Project Supported by Higher Education Institutions, Bazı Tescilli ve Yerel

Makarnalık Buğday Çeşitlerinin Element İçeriklerinin Belirlenmesi, 2018 - 2019

AKÇURA M., HOCAOĞLU O., Project Supported by Higher Education Institutions, Sakız Fasüyesi *Cyamopsis tetragonoloba* L Islah Materyallerinin Çoğaltımı, 2016 - 2017

AKÇURA M., TÜBİTAK Project, Türkiye'nin Değişik İllerinden Toplanmış Yerel Kışık Ekmeklik Buğday Çeşitlerinden Seçilen Saf Hatların Kalite Özellikleri ve Bazı Önemli Fungal Hastalıklara Karşı Reaksiyonlarının Belirlenmesi, 2011 - 2015

## Metrics

Publication: 42

Citation (WoS): 27

Citation (Scopus): 37

H-Index (WoS): 3

H-Index (Scopus): 3

## Scholarships

Justus Liebig University (Giessen /Germany) Technical Internship, Molecular Biotechnology, Other International Organizations, 2009 - 2009

## Non Academic Experience

ÇOMÜ, Araştırma Görevlisi

Justus Liebig Üniversitesi, Stajyer