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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Ziraat Fakültesi, Bahçe Bitkileri Anabilimdalı, Turkey 2016 - 2022

Postgraduate, Ataturk University, Ziraat Fakültesi, Bahçe Bitkileri Anabilimdalı, Turkey 2013 - 2016

Undergraduate, Akdeniz University, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Turkey 2008 - 2013

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Proje Hazırlama Eğitim Programı, Atatürk Üniversitesi Ziraat Fakültesi, 2021

Dissertations

Doctorate, Çoruh vadisi alıç (*Crataegus* spp.) genotiplerinin seleksiyonu, biyokimyasal ve moleküler karakterizasyonu, Ataturk University, Ziraat Fakültesi, 2022

Research Areas

Agricultural Sciences, Agriculture, Garden Plants, Fruit Breeding and Breeding, Berries

Academic Titles / Tasks

Research Assistant PhD, Ataturk University, Ziraat Fakültesi, Bahçe Bitkileri, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Morphological characterization of 96 wild-grown genotypes of sea buckthorn (*Hippophae*

rhamnoides spp.) in eastern Türkiye

İlhan G., Ercişli S., Orhan E., Sağbaş H. İ.

Genetic Resources and Crop Evolution, vol.71, no.2, pp.773-784, 2024 (SCI-Expanded)

- II. **Inter- and Intraspecific Genetic Variation of Native Hawthorn (*Crataegus* spp.) Genotypes Grown in the Çoruh Valley in Türkiye**
SAĞBAŞ H. İ., ERCİŞLİ S., ÖZKAN G., İLHAN G.
Erwerbs-Obstbau, vol.65, no.6, pp.2537-2546, 2023 (SCI-Expanded)
- III. **Investigation of Fruit Quality and Biochemical Traits of Rosehip (*R. canina*) Ecotypes in the Aegean Region of Türkiye**
SAĞBAŞ H. İ.
HORTICULTURAE, vol.9, no.12, 2023 (SCI-Expanded)
- IV. **Evaluation of genetic diversity using iPBS-SCoT marker methods in native hawthorn genetic resources and species identification by using DNA barcoding method**
SAĞBAŞ H. İ., ERCİŞLİ S., AYDIN M., İlhan E., Aydinyurt R., Kasapoglu A. G., Muslu S., Polat Y.
Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.10, pp.43-55, 2023 (SCI-Expanded)
- V. **Fatty Acid Characterization of “Gulcan 2 × Lauranne” and “Guara × Nurlu” F1 Hybrid Almond Population**
Ercik K., ÇÖMLEKÇİOĞLU S., Kafkas N. E., ERCİŞLİ S., SAĞBAŞ H. İ.
Erwerbs-Obstbau, vol.65, no.5, pp.1479-1487, 2023 (SCI-Expanded)
- VI. **Evaluation of Self-Incompatibility of Some Wild Grown Almond Genotypes in Turkey**
ÖZKAN G., SAĞBAŞ H. İ., Bozhuyuk M. R., Tuzlaci H. I., Demir A. Y., Binici B., ERCİŞLİ S.
Erwerbs-Obstbau, vol.65, no.1, pp.181-186, 2023 (SCI-Expanded)
- VII. **Diversity of Phytochemical and Antioxidant Characteristics of Black Mulberry (*Morus nigra* L.) Fruits from Turkey**
Skrovankova S., ERCİŞLİ S., ÖZKAN G., İLHAN G., SAĞBAŞ H. İ., KARATAŞ N., Jurikova T., Mlcek J.
ANTIOXIDANTS, vol.11, no.7, 2022 (SCI-Expanded)
- VIII. **Morphological And Biochemical Characteristics Of Selected Local Chestnut Genotypes**
Bozhuyuk R., ERCİŞLİ S., Fidan H., ERSOY N., İlhan G., Sagbas H. İ.
ERWERBS-OBSTBAU, vol.63, no.3, pp.313-318, 2021 (SCI-Expanded)
- IX. **Effect of Methyl Jasmonate, Cytokinin, and Lavender Oil on Antioxidant Enzyme System of Apricot Fruit (*Prunus armeniaca* L.)**
Çavuşoğlu Ş., Yılmaz N., Islek F., Tekin O., SAĞBAŞ H. İ., ERCİŞLİ S., Rampackova E., Necas T.
SUSTAINABILITY, vol.13, no.15, 2021 (SCI-Expanded)
- X. **Characterization of Oleaster-Leafed Pear (*Pyrus elaeagrifolia* Pall. subsp. *elaegrifolia*) Fruits in Turkey**
SAĞBAŞ H. İ., İLHAN G., ERCİŞLİ S., Anjum M. A., Holubec V.
AGRONOMY-BASEL, vol.11, no.3, 2021 (SCI-Expanded)
- XI. **Characterization of European cranberrybush (*Viburnum opulus* L.) genetic resources in Turkey**
Ozrenk K., İLHAN G., SAĞBAŞ H. İ., KARATAŞ N., ERCİŞLİ S., Colak A. M.
SCIENTIA HORTICULTURAE, vol.273, 2020 (SCI-Expanded)
- XII. **Morphological and Biochemical Characterization of Diverse Strawberry Tree (*Arbutus unedo* L.) Genotypes from Northern Turkey**
SAĞBAŞ H. İ., İLHAN G., Zitouni H., Anjum M. A., Hanine H., Necas T., Ondrasek I., Ercisli S.
AGRONOMY-BASEL, vol.10, no.10, 2020 (SCI-Expanded)
- XIII. **Diversity on Fruits of Wild Grown European Cranberrybush from Coruh Valley in Turkey**
ÖZKAN G., ERCİŞLİ S., SAĞBAŞ H. İ., İLHAN G.
ERWERBS-OBSTBAU, vol.62, no.3, pp.275-279, 2020 (SCI-Expanded)
- XIV. **Morphological and biochemical diversity among wild-grown carob trees (*Ceratonia siliqua* L.)**
KORKMAZ N., Akin M., KOÇ A., EYDURAN S. P., İLHAN G., SAĞBAŞ H. İ., ERCİŞLİ S.
FOLIA HORTICULTURAE, vol.32, no.1, pp.69-78, 2020 (SCI-Expanded)
- XV. **Physicochemical characteristics of wild and cultivated apricots (*Prunus armeniaca* L.) from Aras**

valley in Turkey

GEÇER M. K., Kan T., GÜNDOĞDU M., ERCİŞLİ S., İLHAN G., SAĞBAŞ H. İ.

GENETIC RESOURCES AND CROP EVOLUTION, vol.67, no.4, pp.935-945, 2020 (SCI-Expanded)

- XVI. **Some Important Horticultural Properties of Summer Apple Genotypes from Coruh Valley in Turkey**
Gecer M. K., ÖZKAN G., SAĞBAŞ H. İ., İLHAN G., GÜNDOĞDU M., ERCİŞLİ S.
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, vol.20, no.S3, 2020 (SCI-Expanded)
- XVII. **COMPOSITIONAL DIVERSITY IN FRUITS OF ROWANBERRY (Sorbus aucuparia L.) GENOTYPES ORIGINATING FROM SEEDS**
Bozhuyuk M. R., ERCİŞLİ S., Ben Ayed R., Jurikova T., Fidan H., İLHAN G., ÖZKAN G., SAĞBAŞ H. İ.
GENETIKA-BELGRADE, vol.52, no.1, pp.55-65, 2020 (SCI-Expanded)
- XVIII. **Some Morphological and Biochemical Characteristics of Wild GrownCaucasian Whortleberry (Vaccinium arctostaphylos L.) Genotypes from Northeastern Turkey**
ÖZKAN G., ERCİŞLİ S., ZEB A., AĞAR G., SAĞBAŞ H. İ., İLHAN G., GÜNDOĞDU M.
Notulae Botanicae Horti Agrobotanici Cluj-Napoca, vol.47, pp.378-383, 2019 (SCI-Expanded)
- XIX. **Variation in Organic Acid, Sugar and Phenolic Compounds in Fruits of Historical Apple Cultivars**
Çelik F., Gundogdu M., ERCİŞLİ S., Kaki B., Berk S., İLHAN G., SAĞBAŞ H. İ.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.46, no.2, pp.622-629, 2018 (SCI-Expanded)
- XX. **Physicochemical Diversity Among Barberry (Berberis vulgaris L.) Fruits from Eastern Anatolia**
Ersoy N., Küpe M., Sağbaşı H. İ., Ercişli S.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.46, no.2, pp.336-342, 2018 (SCI-Expanded)
- XXI. **PHENOTYPIC AND BIOCHEMICAL PARAMETERS WITHIN HISTORICAL ZIVZIK POMEGRANATE CULTIVAR**
ÖZKAN G., FİDAN H., ERCİŞLİ S., STOYANOVA A., ZEB A., HANİNA H., AĞAR G., SAĞBAŞ H. İ., İLHAN G.
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, vol.71, no.11, pp.1466-1472, 2018 (SCI-Expanded)
- XXII. **Some physicochemical properties of wild and cultivated pomegranates (Punica granatum L.)**
GOZLEKCI S., ERCİŞLİ S., CHOUDARY R., ÇAKIR Ö., SAĞBAŞ H. İ.
Oxidation Communications, vol.40, pp.226-231, 2017 (SCI-Expanded)
- XXIII. **Mineral Content of Cornelian Cherry (Cornus mas L.) Fruits**
GOZLEKCI S., ESRİNGÜ A., ERCİŞLİ S., EYDURAN S. P., AKIN M., BOZOVIC D., NEGREANU T., SAĞBAŞ H. İ.
Oxidation Communications, vol.40, pp.301-308, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Morphological Diversity of Jujube (Ziziphus jujuba Mill.) Genotypes**
SAGBAS H. I.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, no.2, pp.482-490, 2023 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **THE POSSIBLE EFFECT OF CLIMATE CHANGE ON FRUIT TREES**
ERCİŞLİ S., ÖZKAN G., BOZHÜYÜK M. R., SAĞBAŞ H. İ.
in: Global Climate Change: Agriculture and Food Science Perspective, Hülya DOĞAN, Hafize FİDAN, Editor, İksad, Ankara, pp.41-57, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Morphological Traits of Selected Hawthorn (Crataegus Spp.) Genetic Resources from Coruh Valley**

SAĞBAŞ H. İ., ERCİŞLİ S.

3rd International Symposium on Biodiversity Research, Erzurum, Turkey, 20 October 2021, pp.125-137

II. Some important fruit characteristics of diverse *Elaeagnus angustifolia* L. genotypes from Coruh valley in Turkey

SAĞBAŞ H. İ., ERCİŞLİ S.

X. International Symposium on Agricultural Sciences AgroReS 2021, Trebinje, Bosnia And Herzegovina, 27 May 2021, pp.85-91

III. CHARACTERIZATION OF LOCAL SOUR CHERRIES FROM ARTVIN PROVINCE IN TURKEY

Ercişli S., İlhan G., Sağbaş H. İ.

XI International Scientific Agriculture Symposium "AGROSYM 2020", Bosanska Krupa, Bosnia And Herzegovina, 08 November 2020, pp.415-421

IV. Physicochemical characteristics of local germplasm of fig

SAĞBAŞ H. İ., ERCİŞLİ S., İLHAN G.

IV Balkan Symposium on Fruit Growing, 14 - 18 September 2019

V. Uzundere Bölgesinde Yabani Yenilebilir Meyve Biyoçeşitliliği: Önemli Bir Kültürel Miras Unsuru

Ercişli S., İlhan G., Sağbaş H. İ., Özkan G.

Tarih Boyunca Anadolu-Gürcistan İlişkileri Uluslararası Sempozyumu, Erzurum, Turkey, 27 - 29 October 2018, pp.1-5

VI. Production of grape and blackberry in unheated greenhouse at very high elevation and short vegetation conditions

Özkan G., Küpe M., İlhan G., Sağbaş H. İ., Ercişli S.

GEA (Geo Eco-Eco Agro) International Conference, Podgorica, Serbia And Montenegro, 28 - 31 May 2020, pp.49-53

VII. DIVERSITY ON CAROTENOIDS IN WILD APRICOT FRUITS

KARATAŞ N., ERCİŞLİ S., ÖZKAN G., İLHAN G., SAĞBAŞ H. İ.

GEA (Geo Eco-Eco Agro) International Conference, KARADAĞ, 28 - 29 May 2020, pp.31-38

VIII. PRODUCTION OF GRAPE AND BLACKBERRY IN UNHEATED GREENHOUSE AT HIGH ELEVATION CONDITION

ÖZKAN G., KÜPE M., İLHAN G., SAĞBAŞ H. İ., ERCİŞLİ S.

GEA (Geo Eco-Eco Agro) International Conference, KARADAĞ, 28 - 29 May 2020, pp.49-53

IX. Physicochemical characteristics of wild apricots from Northeastern Turkey

İLHAN G., SAĞBAŞ H. İ., ERCİŞLİ S., ÖZKAN G., BOZHÜYÜK M. R.

XVII International Symposium on Apricot Breeding and Culture, Malatya, Turkey, 6 - 10 July 2019

X. S-genotyping of wild-grown apricots from Gümüşhane province in Turkey

BOZHÜYÜK M. R., ERCİŞLİ S., SAĞBAŞ H. İ., İLHAN G., ÖZKAN G.

XVII International Symposium on Apricot Breeding and Culture, Malatya, Turkey, 6 - 10 July 2019

XI. Genetic Diversity on Wild Sweet Cherries in Coruh Valley

İlhan G., Sağbaş H. İ., Orhan E., Ercişli S.

III. Uluslararası Bozok Sempozyumu, Yozgat, Turkey, 3 - 05 May 2018, pp.635-639

XII. Molecular Characterization of Local Quinces Grown in Northeastern Turkey

Sağbaş H. İ., İlhan G., Orhan E., Ercişli S.

III. Uluslararası Bozok Sempozyumu, Yozgat, Turkey, 3 - 05 May 2018, pp.687-694

XIII. Bioactive Content of Local Sour Cherry Germplasm

ERCİŞLİ S., SAĞBAŞ H. İ., İLHAN G.

2nd International Conference on Agriculture, Food, Forest Sciences and Technologies, İzmir, Turkey, 2 - 05 April 2018, pp.598-603

XIV. Utilization and Usage of Genetic Resources in Pome Fruit Breeding

ERCİŞLİ S., İLHAN G., SAĞBAŞ H. İ.

2nd International Conference on Agriculture, Food, Forest Sciences and Technologies, İzmir, Çeşme, Turkey, 2 - 05 April 2018, pp.411-418

XV. Wild edible fruits: a rich sources of biodiversity

ERCİŞLİ S., SAĞBAŞ H. İ.
BEWS2017, 3 - 05 April 2017

Supported Projects

ERCİŞLİ S., AYDIN M., SAĞBAŞ H. İ., Project Supported by Higher Education Institutions, Erzurum İlinde Bulunan Alıç (Crataegus spp) Genetik Kaynaklarının ITS Bölgesine Dayalı Olarak Moleküler Karakterizasyonu, 2022 - 2022

Sağbaş H. İ., Ercişli S., Aydın M., İlhan E., TUBITAK Project, Erzurum İlinde Bulunan Alıç (Crataegus Spp.) Genetik Kaynaklarının İpbs Ve Scot Markör Yöntemleriyle Genetik Çeşitliliğin Değerlendirilmesi, DNA Barkodlama Yöntemiyle Tür Teşhisinin Yapılması, 2021 - 2022

ORHAN E., SAĞBAŞ H. İ., İLHAN G., ERCİŞLİ S., Project Supported by Higher Education Institutions, Erzurum Yöresinde Doğal Olarak Yetişen Yalancı İğde Hippophae rhamnoides L Genotiplerinin Seleksiyonu ve Seçilen Tiplerin Morfolojik ve Moleküler Karakterizasyonu, 2019 - 2021

GÜLTEKİN L., ERCİŞLİ S., ÖZTAŞ T., LYAL C. H. C., KOROTYAEV B. A., ALONSO-ZARAZAGA M. A., YILDIRIM E., BULUT Y., SEZEN I., AKPINAR KÜLEKÇİ E., et al., Project Supported by Higher Education Institutions, Atatürk Üniversitesi Biyoçeşitlilik Bilim Müzesi Uygulama Projesi, 2019 - 2021

ÖZKAN G., SAĞBAŞ H. İ., İLHAN G., Project Supported by Higher Education Institutions, Çoruh Vadisinde Bulunan Alıç Crataegus Spp Çeşit Adaylarının Belirlenmesi ve Karakterizasyonu, 2018 - 2021

Memberships / Tasks in Scientific Organizations

Bahçe Bitkileri Derneği, Member, 2016 - Continues

Scientific Refereeing

TUBITAK Project, 2204-A High School Students Research Projects Competition , Milli Eğitim Bakanlığı, Turkey, January 2023

Metrics

Publication: 42
Citation (WoS): 207
Citation (Scopus): 246
H-Index (WoS): 8
H-Index (Scopus): 10

Congress and Symposium Activities

2nd International Conference on Agriculture, Food, Forest Sciences and Technologies, Attendee, İzmir, Turkey, 2018

Awards

Sağbaş H. İ., Uluslararası Bilimsel Yayın Teşvik Programı, Tubitak, May 2021