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Education Information

Doctorate, Ataturk University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey 2018 - 2022

Postgraduate, Suleyman Demirel University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey 2013 - 2017

Undergraduate, Suleyman Demirel University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey 2009 - 2013

Research Areas

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

Academic Titles / Tasks

Associate Professor, Ataturk University, Ziraat Fakültesi, Bahçe Bitkileri, 2024 - Continues

Research Assistant PhD, Ataturk University, Ziraat Fakültesi, Bahçe Bitkileri, 2017 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Inter- and Intraspecific Genetic Variation of Native Hawthorn (*Crataegus spp.*) Genotypes Grown in the Çoruh Valley in Türkiye**
SAĞBAŞ H. İ., ERCİSLİ S., ÖZKAN G., İLHAN G.
Erwerbs-Obstbau, vol.65, no.6, pp.2537-2546, 2023 (SCI-Expanded)
- II. **Analysis of Sensory, Morphological and Biochemical Characteristics in Fruits of Different Red-fleshed Pitaya (*Hylocereus polyrhizus*) Accessions**
İLHAN G.
ERWERBS-OBSTBAU, vol.65, no.5, pp.1803-1810, 2023 (SCI-Expanded)
- III. **Sensory Evaluation, Biochemical, Bioactive and Antioxidant Properties in Fruits of Wild Blackthorn (*< i>Prunus spinosa</i>* L.) Genotypes from Northeastern Türkiye**
İLHAN G.
HORTICULTURAE, vol.9, no.9, 2023 (SCI-Expanded)
- IV. **Application of Plant-Based Edible Coatings and Extracts Influences the Postharvest Quality and Shelf Life Potential of "Surahi" Guava Fruits**
Zaidi M., Akbar A., Ali S., Akram H., ERCİSLİ S., İLHAN G., Sakar E., Marc R. A., Sonmez D. A., Ullah R., et al.
ACS OMEGA, vol.8, no.22, pp.19523-19531, 2023 (SCI-Expanded)

- V. **Influence of cultivar and fertilization treatment on bioactive content of some apple (*Malus domestica* Borkh.) cultivars**
 Lavic D., Radovic M., Aliman J., Badzak N., Kulina M., Hadziabulic A., İLHAN G., Muresan C., Marc R. A.
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.47, no.3, pp.345-356, 2023 (SCI-Expanded)
- VI. **Biological Control of *Penicillium* on Lemon Fruits by Essential Oils of *Satureja* Species**
 Kordali S., Bozhuyuk A. U., Komaki A., İLHAN G., ERCİŞLİ S.
 ERWERBS-OBSTBAU, vol.64, no.4, pp.703-715, 2022 (SCI-Expanded)
- VII. **Improvement of Postharvest Quality and Bioactive Compounds Content of Persimmon Fruits after Hydrocolloid-Based Edible Coating Application**
 Saleem M. S., Ejaz S., Anjum M. A., Ali S., Hussain S., ERCİŞLİ S., İLHAN G., Marc R. A., Skrovankova S., Mlcek J.
 HORTICULTURAE, vol.8, no.11, 2022 (SCI-Expanded)
- VIII. **Comparative genomic analysis and phylogeny of NAC25 gene from cultivated and wild *Coffea* species**
 Huded A. K. C., Jingade P., Mishra M. K., ERCİŞLİ S., İlhan G., Marc R. A., Vodnar D.
 FRONTIERS IN PLANT SCIENCE, vol.13, 2022 (SCI-Expanded)
- IX. **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)
- X. **Genetic variation and relationships between Azerbaijani and Turkish olive genetic resources**
 Duran S. T., Aghayeva S., Akparov Z., Mammadov A., Asgarova R., Uslu O. Y., Kirikoglu O., Duran U. T., İPEK M., BARUT E., et al.
 MOLECULAR BIOLOGY REPORTS, vol.49, no.6, pp.5209-5217, 2022 (SCI-Expanded)
- XI. **MOLECULAR CHARACTERIZATION OF WILD CAROB (*Ceratonia Siliqua* L.) GENOTYPES BY SEQUENCE-RELATED AMPLIFIED POLYMORPHISM (SRAP) TECHNIQUES IN TURKEY MOLEKULARNA KARAKTERIZACIJA GENOTIPOVA DIVLJEG ROGAČA (*Ceratonia Siliqua* L.) SRAP TEHNİKOM U TURSKOJ**
 Keles H., PINAR H., Unlu M., İLHAN G., Bozhuyuk M. R., ERCİŞLİ S.
 Genetika, vol.54, no.2, pp.613-624, 2022 (SCI-Expanded)
- XII. **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)
- XIII. **Identification and Molecular Analysis of Putative Self-Incompatibility Ribonuclease Alleles in an Extreme Polyploid Species, *Prunus laurocerasus* L.**
 Halasz J., Molnar A. B., İLHAN G., ERCİŞLİ S., Hegedus A.
 FRONTIERS IN PLANT SCIENCE, vol.12, 2021 (SCI-Expanded)
- XIV. **Characterization of Oleaster-Leafed Pear (*Pyrus elaeagrifolia* Pall. subsp. *elaeagrifolia*) Fruits in Turkey**
 SAĞBAŞ H. İ., İLHAN G., ERCİŞLİ S., Anjum M. A., Holubec V.
 AGRONOMY-BASEL, vol.11, no.3, 2021 (SCI-Expanded)
- XV. **Main Agro-Morphological and Biochemical Berry Characteristics of Wild-Grown Sea Buckthorn (*Hippophae rhamnoides* L. ssp. *caucasica* Rousi) Genotypes in Turkey**
 İLHAN G., GÜNDÖĞDU M., Karlovic K., Zidovec V., Vokurka A., ERCİŞLİ S.
 SUSTAINABILITY, vol.13, no.3, 2021 (SCI-Expanded)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **Physicochemical characteristics of wild and cultivated apricots (*Prunus armeniaca* L.) from Aras valley in Turkey**
 GEÇER M. K., Kan T., GÜNDÖĞDU M., ERCİŞLİ S., İLHAN G., SAĞBAŞ H. İ.
GENETIC RESOURCES AND CROP EVOLUTION, vol.67, no.4, pp.935-945, 2020 (SCI-Expanded)
- XXI. **Investigations of Volatile Organic Compounds in Berries of Different *Actinidia kolomikta* (Ruin: & Maxim.) Maxim. Accessions**
 Cesoniene L., Daubaras R., Bogaciovienė S., Maruska A. S., Stankevičius M., Valatavičius A., Zych M., ERCİŞLİ S., İLHAN G.
POLISH JOURNAL OF FOOD AND NUTRITION SCIENCES, vol.70, no.3, pp.291-300, 2020 (SCI-Expanded)
- XXII. **Some Important Horticultural Properties of Summer Apple Genotypes from Coruh Valley in Turkey**
 Gecer M. K., ÖZKAN G., SAĞBAŞ H. İ., İLHAN G., GÜNDÖĞDU M., ERCİŞLİ S.
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, vol.20, no.S3, 2020 (SCI-Expanded)
- XXIII. **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)
- XXIV. **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., GÜNDÖĞDU M.
Notulae Botanicae Horti Agrobotanici Cluj-Napoca, vol.47, pp.378-383, 2019 (SCI-Expanded)
- XXV. **Phytochemical and Antioxidant Diversity in Fruits of Currant (*Ribes* spp.) Cultivars**
 ERSOY N., KÜPE M., GUNDOGDU M., İLHAN G., ERCİŞLİ S.
Notulae Botanicae Horti Agrobotanici Cluj-Napoca, vol.46, pp.381-387, 2018 (SCI-Expanded)
- XXVI. **Phytochemical and Antioxidant Diversity in Fruits of Currant (*Ribes* spp.)**
 ERSOY N., KÜPE M., Gundogdu M., İLHAN G., ERCİŞLİ S.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.46, no.2, pp.381-387, 2018 (SCI-Expanded)
- XXVII. **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.
COMPTEES RENDUS DE L'ACADEMIE BULGARE DES SCIENCES, vol.71, no.11, pp.1466-1472, 2018 (SCI-Expanded)
- XXVIII. **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)

Articles Published in Other Journals

- I. **Wild Sweet Cherry (*Prunus avium* L.) Genotypes: Morphological, Biochemical, and Antioxidant Diversity**
 İLHAN G.
Research in agricultural sciences, vol.54, no.3, pp.124-129, 2023 (Peer-Reviewed Journal)
- II. **Morphological, biochemical and health promoting properties in seed propagated quince fruits found in Çoruh Valley in Türkiye**
 İLHAN G.
International Journal of Agriculture, Environment and Food Sciences, vol.7, no.3, pp.718-724, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. APRICOT: MAIN BREEDING PURPOSES
İLHAN G.
6. INTERNATIONAL FOOD, AGRICULTURE AND VETERINARY SCIENCES CONGRESS, Azerbaijan, 22 - 23 September 2023, pp.134-138
- II. FATTY ACID DIVERSITY ON A LARGE NUMBER OF SEED PROPAGATED SEA BUCKTHORN (*HIPPOPHAE RHAMNOIDES*) GENOTYPES
İLHAN G.
5. INTERNATIONAL DİCLE SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Diyarbakır, Turkey, 9 - 10 September 2023, pp.247-254
- III. Tea cultivation in Turkey: A historical perspective
İLHAN G., ERCİŞLİ S.
4TH INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES, Turkey, 27 - 29 April 2023, pp.69-75
- IV. APPLE: HISTORY, CULTIVATION, HUMAN HEALTH EFFECT AND FUTURE PERSPECTIVE
İLHAN G., ERCİŞLİ S.
5. INTERNATIONAL FOOD, AGRICULTURE AND VETERINARY SCIENCES CONGRESS, Kars, Turkey, 17 - 19 March 2023, pp.322-327
- V. A HIDDEN TREASURY OF ANATOLIA: WILD APRICOTS, ZERDALI
İLHAN G., ERCİŞLİ S.
4. International Anatolian Scientific Research Congress, Kars, Turkey, 17 - 20 February 2023, pp.228-232
- VI. Effect of Cultivars on Productivity and Fruit Quality on Blackberry Grown in Greenhouse Conditions
İLHAN G., ERCİŞLİ S.
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 September 2022, pp.810-814
- VII. A review: Some biochemical characteristics of sea buckthorn berries
İLHAN G., ERCİŞLİ S.
5th International Congress on Agriculture, Environment and Health, Aydin, Turkey, 17 February 2022, pp.535-547
- VIII. Hippophae rhamnoides spp.: Multipurpose use for environmental value
İlhan G., Ercişli S.
5th International Congress on Agriculture, Environment and Health, 17 February 2022, pp.548-555
- IX. VERÇENİK DAĞLARINDA ORKİDE YETİŞEN ALANLARIN BAZI FİZİKSEL VE KİMYASAL TOPRAK ÖZELLİKLERİ
İLHAN G., ERCİŞLİ S.
INTERNATIONAL CONFERENCE on AGRICULTURE, ANIMAL SCIENCES and RURAL DEVELOPMENT, Burdur, Turkey, 19 March 2022, pp.410-416
- X. ITALY AND THE NETHERLANDS CERTIFICATION SYSTEM IN FRUIT SAPLING GROWING
İLHAN G., ERCİŞLİ S.
INTERNATIONAL CONFERENCE on AGRICULTURE, ANIMAL SCIENCES and RURAL DEVELOPMENT, Burdur, Turkey, 19 March 2022, pp.401-409
- XI. SUGAR AND ORGANIC ACIDS IN UNGRAFTED LOQUAT (*ERIOBOTRYA JAPONICA LINDL.*) GENOTYPES IN CORUH VALLEY IN TURKEY
İLHAN G., ERCİŞLİ S.
X. International Symposium on Agricultural Sciences AgroReS 2021, Trebinje, Bosnia And Herzegovina, 27 - 29 May 2021, pp.33-41
- XII. 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
- XIII. Physicochemical characteristics of local germplasm of fig

- SAĞBAŞ H. İ., ERCİSLİ S., İLHAN G.
 IV Balkan Symposium on Fruit Growing, 14 - 18 September 2019
- XIV. **Uzundere Bölgesinde Yabani Yenilebilir Meyve Biyoçeşitliliği: Önemli Bir Kültürel Miras Unsuru**
 Ercişi S., İlhan G., Sağbaş H. İ., Özkan G.
 Tarih Boyunca Anadolu-Gürcistan İlişkileri Uluslararası Sempozyumu, Erzurum, Turkey, 27 - 29 October 2018,
 pp.1-5
- XV. **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., Ercişi S.
 GEA (Geo Eco-Eco Agro) International Conference, Podgorica, Serbia And Montenegro, 28 - 31 May 2020, pp.49-53
- XVI. **DIVERSITY ON HORTICULTURAL CHARACTERISTICS OF *Sambucus nigra* GENOTYPES FROM NORTHEASTERN TURKEY**
 İLHAN G., ERCİSLİ S.
 GEA (Geo Eco-Eco Agro) International Conference, 28 - 31 May 2020
- XVII. **DIVERSITY ON CAROTENOIDS IN WILD APRICOT FRUITS**
 KARATAŞ N., ERCİSLİ S., ÖZKAN G., İLHAN G., SAĞBAŞ H. İ.
 GEA (Geo Eco-Eco Agro) International Conference, KARADAĞ, 28 - 29 May 2020, pp.31-38
- XVIII. **PRODUCTION OF GRAPE AND BLACKBERRY IN UNHEATED GREENHOUSE AT HIGH ELEVATION CONDITION**
 ÖZKAN G., KÜPE M., İLHAN G., SAĞBAŞ H. İ., ERCİSLİ S.
 GEA (Geo Eco-Eco Agro) International Conference, KARADAĞ, 28 - 29 May 2020, pp.49-53
- XIX. **S-genotyping of wild-grown apricots from Gümüşhane province in Turkey**
 BOZHÜYÜK M. R., ERCİSLİ S., SAĞBAŞ H. İ., İLHAN G., ÖZKAN G.
 XVII International Symposium on Apricot Breeding and Culture, Malatya, Turkey, 6 - 10 July 2019
- XX. **Physicochemical characteristics of wild apricots from Northeastern Turkey**
 İLHAN G., SAĞBAŞ H. İ., ERCİSLİ S., ÖZKAN G., BOZHÜYÜK M. R.
 XVII International Symposium on Apricot Breeding and Culture, Malatya, Turkey, 6 - 10 July 2019
- XXI. **Molecular Characterization of Local Quinces Grown in Northeastern Turkey**
 Sağbaş H. İ., İlhan G., Orhan E., Ercişi S.
 III. Uluslararası Bozok Sempozyumu, Yozgat, Turkey, 3 - 05 May 2018, pp.687-694
- XXII. **Genetic Diversity on Wild Sweet Cherries in Coruh Valley**
 İlhan G., Sağbaş H. İ., Orhan E., Ercişi S.
 III. Uluslararası Bozok Sempozyumu, Yozgat, Turkey, 3 - 05 May 2018, pp.635-639
- XXIII. **Utilization and Usage of Genetic Resources in Pome Fruit Breeding**
 ERCİSLİ 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
- XXIV. **Bioactive Content of Local Sour Cherry Germplasm**
 ERCİSLİ 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

Scientific Refereeing

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