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International Researcher IDs

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Courses

Genel Mikrobiyoloji, Associate Degree, 2018 - 2019

Diksyon, Associate Degree, 2018 - 2019

Bitki Fizyolojisi, Associate Degree, 2018 - 2019

Genel Mikrobiyoloji, Associate Degree, 2019 - 2020

Sağlıklı Beslenme, Associate Degree, 2018 - 2019

Botanik, Associate Degree, 2019 - 2020

Biyoteknoloji, Associate Degree, 2018 - 2019

Fitoterapi, Associate Degree, 2019 - 2020

Parfüm Bitkileri Değerlendirme Teknolojisi, Associate Degree, 2019 - 2020

Diksyon, Associate Degree, 2018 - 2019

Staj (30 İş Günü), Associate Degree, 2018 - 2019

Sistem Analizi ve Tasarımı, Associate Degree, 2017 - 2018

Genetiği Değiştirilmiş Bitki Üretimi, Associate Degree, 2018 - 2019

Beslenme Biyokimyası, Associate Degree, 2017 - 2018

Fitoterapi, Associate Degree, 2018 - 2019

Bitki Fizyolojisi, Associate Degree, 2018 - 2019

Beslenme Biyokimyası, Associate Degree, 2017 - 2018

Belirsiz, Associate Degree, 2016 - 2017

Davranış Bilimleri, Associate Degree, 2016 - 2017

Davranış Bilimleri, Associate Degree, 2016 - 2017

Genetiği Değiştirilmiş Bitki Üretimi, Associate Degree, 2017 - 2018

Belirsiz, Associate Degree, 2016 - 2017

Proje Yönetimi, Associate Degree, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

I. Application of chemometric modeling for ionic liquid-based ultrasonic-assisted dispersive liquid-

liquid microextraction: Analysis of fosetyl-aluminum in fruit and vegetable samples

Haq H. U., ELİK A., DURUKAN H., SARAÇ H., DEMİRBAŞ A., Boczkaj G., GÜRSOY N., ALTUNAY N.

Journal of Food Composition and Analysis, vol.124, 2023 (SCI-Expanded)

II. Application of levulinic acid-based natural deep eutectic solvents for extraction and determination of deltamethrin in food samples

ELİK A., DURUKAN H., SARAÇ H., DEMİRBAŞ A., ALTUNAY N.

SUSTAINABLE CHEMISTRY AND PHARMACY, vol.30, 2022 (SCI-Expanded)

- III. Vortex assisted magnetic ionic liquid based dispersive liquid-liquid microextraction approach for determination of metribuzin in some plant samples with UV-Vis spectrophotometer**
ELİK A., SARAÇ H., DURUKAN H., DEMİRBAŞ A., ALTUNAY N.
MICROCHEMICAL JOURNAL, vol.181, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Antioxidant Activity Properties of Extract of Turmeric (*Curcuma longa L.*) Plant**
SARAÇ H., TÜZÜN B.
Turkish Computational and Theoretical Chemistry, vol.8, no.2, pp.19-27, 2023 (Scopus)
- II. **Could Zingiber officinale plant be effective against Omicron BA.2.75 of SARS-CoV-2?**
SARAÇ H., DEMİRBAŞ A., TÜZÜN B.
Turkish Computational and Theoretical Chemistry, vol.7, no.3, pp.42-56, 2023 (Scopus)
- III. **Determination of The Yield and Yield Parameters of Demre Sivrisi, Dogal Sarı Sivri and Dogal Carliston (*Capsicum annuum L.*) Pepper Varieties Grown By Fertigation Method in Greenhouse Conditions Ve Verim Parametrelerinin Belirlenmesi**
Demirbaş A., Durukan H., Öztük M., Saraç H.
Turkish Journal of Agriculture - Food Science and Technology, vol.10, no.sp1, pp.2876-2881, 2022 (Peer-Reviewed Journal)
- IV. **The Effects of Different Organic and Inorganic Fertilizer Applications on Yield and Improvement of Maize Plant**
Durukan H., Duran Z., Saraç H., Demirbaş A.
Turkish Journal of Agriculture - Food Science and Technology, vol.10, no.sp1, pp.2835-2840, 2022 (Peer-Reviewed Journal)
- V. **Determination of Some Nutrient Concentrations and Antioxidant Enzyme Activities of Acacia Plant Leaves (*Robinia pseudoacacia L.*) Collected from Sivas and Tokattivitelerinin Belirlenmesi**
Saraç H., Durukan H., Demirbaş A.
Akademik Ziraat Dergisi, vol.11, no.2, pp.311-318, 2022 (Peer-Reviewed Journal)
- VI. **Önemli Tibbi Bitkilerden Biri Olan Achillea millefolium L. (Civanperçemi) Bitkisinin Besin Elementi Konsantrasyonları ve Antioksidan Aktivitesi**
SARAÇ H., DURUKAN H., DEMİRBAŞ A.
Turkish Journal of Agriculture - Food Science and Technology, vol.9, no.3, pp.590-594, 2021 (Peer-Reviewed Journal)
- VII. **Farklı Dozlarda Vermicompost Uygulamasının Mısır Bitkisinin Verimine ve Besin Elementleri Alımına Etkisi**
DURUKAN H., SARAÇ H., DEMİRBAŞ A.
Ziraat Fakültesi Dergisi, pp.45-51, 2020 (Peer-Reviewed Journal)
- VIII. **Evaluation of nutrients and biological activities of kenger (*Gundelia tournefortii L.*) seeds cultivated in sivas province**
SARAÇ H., DEMİRBAŞ A., DURNA DAŞTAN S., ATAŞ M., ÇEVİK Ö., ERUYGUR N.
Turkish journal of agriculture-food science and technology, vol.7, pp.52-58, 2019 (Peer-Reviewed Journal)
- IX. **Determination of the effects of food preservatives benzoic acid and sodium nitrate on lifespan, fertility and physical growth in *Caenorhabditis elegans***
Sarac H., Sari M.
Journal of Survey in Fisheries Sciences , vol.6, pp.49-63, 2019 (Scopus)
- X. **Kırmızı Gelincik (Fam: Papaveraceae, *Glaucium grandiflorum* Boiss.& Huet var. *grandiflorum*) Bitkisinin Farklı Özütlerinin Besin Elementi İçeriğinin ve In Vitro Antiproliferatif Etkilerinin Değerlendirilmesi**
SARAÇ H., DAŞTAN T., DURUKAN H., DURNA DAŞTAN S., DEMİRBAŞ A., KARAKÖY T.
Isparta Uygulamalı Bilimler Üniversitesi Ziraat Fakültesi Dergisi, pp.417-428, 2018 (Peer-Reviewed Journal)

- XI. **Madımak (*Polygonum cognatum* Meissn.) Bitki Özütlerinin Besin Elementleri ve In Vitro Antikanserojen Aktiviteleri Yönünden Değerlendirilmesi**
 SARAÇ H., DAŞTAN T., DEMİRBAŞ A., DURNA DAŞTAN S., KARAKÖY T., DURUKAN H.
 Isparta Uygulamalı Bilimler Üniversitesi Ziraat Fakültesi Dergisi, pp.340-347, 2018 (Peer-Reviewed Journal)
- XII. **Determination of the Nutritional Element Concentrations of Evelik Plant (*Rumex crispus* L.)**
 DAŞTAN T., SARAÇ H.
 Cumhuriyet Science Journal, vol.39, no.4, pp.1020-1024, 2018 (Peer-Reviewed Journal)
- XIII. **THE EFFECTS OF DIFFERENT NITROGEN DOSES ON YIELD AND NUTRIENT UPTAKE OF ROCKET (*CERUCA SATIVA*) PLANT**
 YÖRÜK V., DURUKAN H., SARAÇ H., DEMİRBAŞ A., KARAKÖY T.
 SCIENTIFIC PAPERS-SERIES B-HORTICULTURE, vol.62, pp.359-365, 2018 (ESCI)
- XIV. **Sivas Ekolojik Koşullarında Yetişirilen Yonca Çeşitlerinin Bazı Agronomik ve Kalite Özelliklerinin İncelenmesi**
 KARAKÖY T., SARAÇ H.
 Türk Tarım ve Doğa Bilimleri Dergisi, vol.5, no.4, pp.620-627, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Epigenetics and Obesity**
 Saraç H.
 in: Epigenetics Beyond the Genetics and Medicine, Sevgi Durna Daştan, Nazan Yurtcu, Editor, Nova science publishers, New York, pp.165-175, 2022
- II. **BIOACTIVE COMPONENTS AND BIOLOGICAL ACTIVITIES OF THE CARDAMOM (*Elettaria cardamomum* L.) PLANT**
 Saraç H.
 in: RESEARCH & REVIEWS IN SCIENCE AND MATHEMATICS, AKGÜL HASAN, KÜTÜK MURAT, Editor, Gece Publishing, Ankara, pp.91-108, 2021
- III. **DETERMINATION OF SOME NUTRIENT CONCENTRATIONS AND ANTIOXIDANT ENZYME ACTIVITIES OF NATURALLY GROWN SPINACH (*Spinacia oleracea* L.) PLANT IN FIELD CONDITIONS**
 SARAÇ H., DURUKAN H., DEMİRBAŞ A.
 in: Mathematics and Natural Sciences Research and Theory, Karapınar Rıdvan, Editor, Livre de Lyon, Lyon, pp.33-42, 2021
- IV. **NUTRIENT CONCENTRATIONS OF SOME MEDICINAL AND AROMATIC PLANTS CONSUMED AS FUNCTIONAL FOOD**
 SARAÇ H., DURUKAN H., DEMİRBAŞ A.
 in: Research & Reviews in Science and Mathematics- II, AKGÜL HASAN, AKSOY AHMET, Editor, Gece Kitaplığı, Ankara, pp.34-46, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **DETERMINATION OF THE ACTIVITIES OF HORSE CHESTNUT (*Aesculus hippocastanum* L.) EXTRACT AGAINST LIVER CANCER PROTEINS**
 SARAÇ H., TÜZÜN B.
 International Antalya Scientific Research and Innovative Studies Congress, 18 - 21 December 2021
- II. **ACTIVITIES OF DANDELION (*Taraxacum officinale*) EXTRACT AGAINST BREAST CANCER PROTEINS**
 DURUKAN H., TÜZÜN B., SARAÇ H., DEMİRBAŞ A.
 International Antalya Scientific Research and Innovative Studies Congress, 18 - 21 December 2021
- III. **Activities of *Mentha pulegium* extract against breast cancer proteins**
 SARAÇ H., TÜZÜN B.

- IV. **In vitro Cytotoxic Activities of Different Extracts of *Glaucium grandiflorum* Boiss.& Huet var. *grandiflorum* Plants**
SARAÇ H., DAŞTAN T., KAYA Ş., DURNA DAŞTAN S., ÇEVİK Ö.
Webinar on Life Sciences (International congress on life sciences), United States Of America, 26 - 28 January 2021
- V. **İzmir İlinde Park ve Bahçelerde Süs Bitkisi Olarak Yetiştirilen Defne (*Laurus nobilis*) Bitkisinin Etanol ve Su Özütlerinin Biyoaktivitelerinin Değerlendirilmesi ve Besin Elementi İçeriği**
DAŞTAN T., SARAÇ H., DURNA DAŞTAN S., DEMİRBAŞ A.
TARLA BİTKİLERİ KONGRESİ, Antalya, Turkey, 28 - 31 October 2019
- VI. **The application of different organic material and mineral matter in tomato plant**
Saraç H., Durukan H., Demirbaş A.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), Ankara, Turkey, 28 - 29 June 2019, pp.1238-1243
- VII. **The Effects Of Different Cadmium Doses On Yield And Nutrient Uptake Of *Stevia rebaudiana* Plant**
Saraç H., Demirbaş A.
International Black Sea Coastline Countries Symposium, Batumi, Georgia, 2 - 05 May 2019, pp.134-141
- VIII. **DETERMINATION OF THE EFFECTS OF FOOD PRESERVATIVES BENZOIC ACID AND SODIUM NITRATE ON LIFESPAN, FERTILITY AND PHYSICAL GROWTH IN *Caenorhabditis elegans***
Saraç H., Sari M.
INTERNATIONAL BLACK SEA COASTLINE COUNTRIES SYMPOSIUM May 2-5, 2019 Batumi - GEORGIA, Batumi, Georgia, 2 - 05 May 2019, pp.34-35
- IX. **Nutrient Composition And In Vitro Anti-Carcinogenic Activity Of Knotweed (*Polygonum Cognatum Meissn.*) Plant Extracts**
SARAÇ H., DAŞTAN T., DURUKAN H., DURNA DAŞTAN S., DEMİRBAŞ A., KARAKÖY T.
The 1st International Congress On Agricultural Structures And Irrigation, 10 - 13 August 2018
- X. **Nutrient Composition and In Vitro Anti-Proliferative Effects of Different Extracts of Red Poppy (Fam: Papaveraceae, *Glaucium Grandiflorum* Boiss.& Huet Var. *Grandiflorum*) Plants**
Saraç H., Daştan T., Durukan H., Durna Daştan S., Demirbaş A.
THE 1st INTERNATIONAL CONGRESS ON AGRICULTURAL STRUCTURES AND IRRIGATION, Antalya, Turkey, 26 - 28 September 2018, pp.678
- XI. **Determination of Nutrient Element Content of Evelik (*Rumex sp.*) Plant**
Daştan T., Saraç H.
ESER ANALİZ KONGRESİ ESAN 2018(iTAC2018), Sivas, Turkey, 20 - 23 June 2018, pp.93

Supported Projects

Durna Daştan S., Durna Y. M., Saraç H., Karan T., Baral İ., Yurtcu N., EU Supported Other Project, Emerging Approaches in Epigenetics, 2022 - 2023

Sari M., Saraç H., Project Supported by Higher Education Institutions, *Pseudomonas putida* NRRL B 13 Suşu Tarafından Benzoik Asidin Biyolojik Yıkımını Sağlayan Enzimleri Kodlayan Plazmitlerin Stabilitelerinin Belirlenmesi F 366 nolu Cumhuriyet Üniversitesi Bilimsel Araştırma Projesi, 2012 - 2013

Metrics

Publication: 34

Citation (WoS): 1

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 3