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International Researcher IDs

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Publons / Web Of Science ResearcherID: HLW-6377-2023

Yoksis Researcher ID: 331266

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik Anabilim Dalı, Turkey 2018 - 2024

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik Anabilim Dalı, Turkey 2016 - 2018

Undergraduate, Erzurum Technical University, Faculty Of Science, Department Of Molecular Biology And Genetics, Turkey 2012 - 2016

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, 2237-A TÜBİTAK Lisansüstü Öğrencilerine Yönelik Makale Yazma Eğitimi, Ardahan Üniversitesi, 2024

Personal Evolution, Memory Techniques, T.C MEB Özel İstanbul Uzaktan Eğitim Kursu, 2023

Vocational Training, Post Transkripsiyonel Gen Baskılama Teknikleri ve Analizi Kursu, Erzurum Teknik Üniversitesi , 2023

Vocational Training, Harmanlanmış Öğrenme Uygulamaları Eğitimi, Atatürk Üniversitesi Öğretme ve Öğrenmeyi Geliştirme Uygulama ve Araştırma Merkezi, 2023

Occupational Health and Safety, Çalışanların Temel İş Sağlığı ve Güvenliği Eğitimi, Atatürk University Occupational Health and Safety Unit Coordinator, 2023

Vocational Course, IV. Uygulamalı Hücre Kültürü Eğitimi, Atatürk Üniversitesi, 2023

Vocational Training, Sertifikalı KVKK Eğitimi, 2022

Vocational Training, TÜBİTAK 2237- B Uluslararası İkili İşbirliği Proje Yazma Etkinliği, Ataturk University, 2022

Occupational Health and Safety, Sivil Savunma Uzmanlığı Katılım Sertifikası, Ataturk University, 2021

Personal Evolution, Temel Hijyen Eğitimi, Atatürk Üniversitesi, 2021

Personal Evolution, Stres ve Stresle Başa Çıkma Eğitimi, T.C MEB Özel İstanbul Uzaktan Eğitim Kursu , 2021

Vocational Training, Etkili Sunum Teknikleri Eğitimi, T.C MEB Özel İstanbul Uzaktan Eğitim Kursu , 2021

Vocational Training, Proje Hazırlama Eğitim Programı, ATATÜRK UNIVERSITY FACULTY OF AGRICULTURE, 2021

Vocational Course, CRISPR-Cas: Gen D zenleme Uygulamalar, Uluslararası Gıda Biyog venlik ve Biyoteknoloji Arařtırma ve Yayın Merkezi (IFBBC), 2021

Vocational Course, Deney Hayvanları Kullanım Sertifikası, Atat rk  niversitesi, 2020

Personal Evolution, Etkili İletişim, Diksiyon ve Beden Dili , Rodos Grup, 2017

Vocational Training, Protein Ekspresyonu ve Enzim Biyoteknolojisi Uygulamalı Eđitimi, Erzurum Teknik  niversitesi, 2016

Vocational Training, Qiagen marka Tissuelyser LT, Sensoquest marka Labcycler ve Meastrogen marka Slider Imager cihazlarının eđitim sertifikası, ATQ /QIAGEN , 2014

Vocational Training, Bio-Rad marka Mini-Sub Cell GT, Mini Protean Tetra ve Powerpac Basic cihazlarının eđitim sertifikası, Erzurum Technical Chemistry and Medical, 2013

Dissertations

Postgraduate, Radyoterapi Uygulanmıř Ratlarda Farklı Flavonoid Bileřiklerin Koruyucu Etkisinin Biyokimyasal Olarak Arařtırılması, Ataturk University, Fen Bilimleri Enstit s , Molek ler Biyoloji ve Genetik Anabilim Dalı, 2018

Research Areas

Agricultural Sciences, Medicinal Plants, Life Sciences, Molecular Biology and Genetics, Chemistry of Natural Products

Academic Titles / Tasks

Research Assistant, Ataturk University, Ziraat Fak ltesi, Tarla Bitkileri, 2020 - Continues

Courses

Bitki Genetiđi ve Sitogenetiđi, Undergraduate, 2021 - 2022

Bitkisel  retim Teknikleri II, Undergraduate, 2020 - 2021

Bitkisel  retim Teknikleri I, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Protective effect of bromelain on some metabolic enzyme activities in tyloxapol-induced hyperlipidemic rats**
Sulumer A. N., Palabiyik E., Avci B., UđUZ H., Demir Y., Ozaslan M. S., AřKIN H.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.71, no.1, pp.17-27, 2024 (SCI-Expanded)
- II. **Naringenin, Hesperidin and Quercetin Ameliorate Radiation-Induced Damage In Rats: In Vivo And In Silico Evaluations**
Uguz H., Avci B., Palabiyik E., Sulumer A. N., Kızıltunç  zmen H., Demir Y., Ařkın H.
CHEMISTRY & BIODIVERSITY, vol.21, no.2, 2024 (SCI-Expanded)
- III. **Walnut fruit diaphragm ethanol extract ameliorates damage due to Triton WR-1339-induced hyperlipidemia in rats**
Palabiyik E., Sulumer A. N., UđUZ H., Avci B., AřKIN S., AřKIN H.
European Journal of Lipid Science and Technology, vol.126, no.1, 2024 (SCI-Expanded)
- IV. **Assessment of hypolipidemic and anti-inflammatory properties of walnut (Juglans regia) seed coat extract and modulates some metabolic enzymes activity in triton WR-1339-induced hyperlipidemia in rat kidney, liver, and heart**

Palabiyik E., Sulumer A. N., UĞUZ H., Avcı B., AŞKIN S., AŞKIN H., Demir Y.
JOURNAL OF MOLECULAR RECOGNITION, vol.36, no.3, 2023 (SCI-Expanded)

V. **The hepato-renal protective potential of walnut seed skin extract against acute renal ischemia/reperfusion damage**

Aşkın S., Aşkın H., Dursun E., Palabiyik E., Uğuz H., Cakmak Ö., Koç K.
Cytokine, vol.153, 2022 (SCI-Expanded)

Articles Published in Other Journals

I. **Walnut Seed Coat (*Juglans regia* L.), a Plant Effective in Human Health: Antioxidant Activity and in Rats Nephroprotective Effect**

PALABIYIK E., UĞUZ H., AŞKIN H., AŞKIN S., AKINCIOĞLU H.
ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, vol.55, pp.89, 2024 (Peer-Reviewed Journal)

II. **Bioactive Component Analysis of Seed Coat Hexane Extract of Ardahan (Turkey) Walnut**

PALABIYIK E., UĞUZ H., AVCI B., SULUMER A. N., YILMAZ B., AŞKIN H.
Frontiers in Life Sciences and Related Technologies (Online), vol.5, no.2, 2024 (Peer-Reviewed Journal)

III. **Histopathological and Antioxidant Effects of Bromelain on Kidney Tissue of Tyloxapol-Induced Hyperlipidemic Rats**

SULUMER A. N., PALABIYIK E., AVCI B., UĞUZ H., AŞKIN H.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.2, 2024 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Otoimmün Cilt Hastalığı: Alopesi Areata**

UĞUZ H., PALABIYIK E., SULUMER A. N., AVCI B., AŞKIN H.
in: From Molecular Symphony to Therapeutic Harmonies: Exploring Nutrigenomics, Enzymatic Frontiers, Flavonoid Therapeutics, and Autoimmune Skin Challenges, Ertaş, Metin, Editor, Bidge Yayınları, Ankara, pp.91-110, 2023

II. **Autoimmune Skin Disorder: Psoriasis**

PALABIYIK E., UĞUZ H., AVCI B., SULUMER A. N., AŞKIN H.
in: From Molecular Symphony to Therapeutic Harmonies: Exploring Nutrigenomics, Enzymatic Frontiers, Flavonoid Therapeutics, and Autoimmune Skin Challenges, Ertaş, Metin, Editor, Bidge Yayınları, Ankara, pp.71-90, 2023

III. **Anti-hiperlipidemide Yeni Yaklaşımlar: Doğal Ürünlerin Kullanımı**

Palabiyik E., Uğuz H., Aşkın H.
in: Sağlık Bilimleri Alanında Uluslararası Araştırmalar V, ARSLAN SEVBAN, Editor, Eğitim Yayınevi, Konya, pp.7-24, 2022

IV. **Free Radicals, Oxidative Stress and Biological Effects of Oxidative Stress, Antioxidant Defense Sistem**

Uğuz H., Palabiyik E., Aşkın H.
in: International Research in Health Sciences III, DERİN ÖNAY Didem, Editor, New York: Egitim Publishing Group, Inc., Konya, pp.7-24, 2022

V. **HEALTH AND SOCIOECONOMIC EFFECTS OF GENETICALLY MODIFIED ORGANISMS**

Uğuz H., Kavalcı T., Kurt Z.
in: Genetically Modified Organisms and Biosafety, İsmail BEZİRGANOĞLU, Editor, Pegem Akademi, Ankara, pp.137-151, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **ANALYSIS OF CHEMICAL COMPONENTS OF JUGLANS REGIA FRUIT SEPTA (SJRF) ETHYL ACETATE EXTRACT USING GC-MS METHOD**
Palabiyik E., Uğuz H., Avcı B., Sulumer A. N., Aşkın H.
AHI EVRAN International Congress on Scientific Research - IV, Kırşehir, Turkey, 26 - 28 April 2024, pp.992-1000
- II. **DETERMINATION OF CHEMICAL COMPONENTS IN HEXANE EXTRACTS OF PLANTAGO LANCEOLATA L. BY GC-MS METHOD**
Uğuz H., Palabiyik E., Avcı B., Sulumer A. N. S., Çelik M., Aşkın H.
AHI EVRAN International Congress on Scientific Research - IV, Kırşehir, Turkey, 26 - 28 April 2024, pp.1001-1006
- III. **Characterization of Walnut Seed Coat Bioactive Components by GC-MS**
Palabiyik E., Uğuz H., Avcı B., Sulumer A. N., Aşkın H., Yılmaz B.
International Conference on Food, Agriculture and Animal Science, Antalya, Turkey, 23 - 26 November 2023, pp.388
- IV. **Chemical Composition of Heracleum pastinacifolium subsp. incanum Essential Oil from Eastern Anatolia Region**
Uğuz H., Çoban F., Özer H.
11 th INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE and RURAL DEVELOPMENT , Muş, Turkey, 3 - 05 March 2023, vol.11, pp.429-436
- V. **CRISPR/ Cas9 in Medicinal Plants**
Uğuz H., Çoban F., Özer H., Aşkın H.
V. INTERNATIONAL MEDICINAL AND AROMATIC PLANTS CONFERENCE (MEDICINAL AROMATIC 2022), Rize, Turkey, 29 September - 02 October 2022, pp.10
- VI. **Effect of Walnut Seed Coat Ethanol Extract on MDA, SOD and CAT in Hyperlipidemia Induced Rats**
PALABIYIK E., SULUMER A. N., UĞUZ H., AVCI B., AŞKIN S., AŞKIN H.
4th International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 14 December 2022
- VII. **Anti-inflammatory Properties of Walnut Seed Coat Extract in Rats with Experimentally Induced Hyperlipidemia**
PALABIYIK E., SULUMER A. N., UĞUZ H., AVCI B., AŞKIN H., AŞKIN S.
4th International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 14 December 2022, pp.151
- VIII. **Walnut Seed Coat Extract Reaction on Hyperlipidemic Rat Liver Histopathological Lesions**
PALABIYIK E., SULUMER A. N., UĞUZ H., AVCI B., AŞKIN S., AŞKIN H.
4th International Conference on Applied Engineering and Natural Sciences, Ankara, Turkey, 14 - 16 December 2022, vol.153
- IX. **Regulation of Oxidative Stress Variables in Hyperlipidemic Rats by Walnut Seed Coat Extract**
PALABIYIK E., SULUMER A. N., UĞUZ H., AVCI B., AŞKIN S., AŞKIN H.
4th International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 14 December 2022, pp.164
- X. **Pathological Change: Effect of Walnut Seed Coat in Rats with Hyperlipidemia**
PALABIYIK E., SULUMER A. N., UĞUZ H., AVCI B., AŞKIN S., AŞKIN H.
4th International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 14 December 2022, pp.158
- XI. **Anti-inflammatory Evaluation in Heart Tissue:The Relationship between Hyperlipidemia and Walnut Seed Coat**
PALABIYIK E., SULUMER A. N., UĞUZ H., AVCI B., AŞKIN S., AŞKIN H.
4th International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 14 December 2022, pp.156
- XII. **Evaluation of Oxidative Stress: Impact of Bromelain in Hyperlipidemic Wistar rats**
Sulumer A. N., Palabiyik E., Avcı B., Uğuz H., Aşkın H.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), 23 - 25

November 2022, pp.442

- XIII. **MODULATION OF WALNUT SEED COAT EXTRACT ON OXIDATIVE STRESS IN HYPERLIPIDEMIC RENAL TISSUE INDUCED BY TRITON WR-1339**
Palabiyık E., Sulumer A. N., Uğuz H., Avcı B., Aşkın S., Aşkın H.
4th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 - 13 November 2022, pp.296
- XIV. **Phytochemistry and Biological Activities of Ficus carica L. Leaves**
Uğuz H., Aşkın H.
5. ULUSLARARASI TIBBİ ve AROMATİK BİTKİLER KONGRESİ, Rize, Turkey, 29 September - 02 October 2022, pp.9
- XV. **DETERMINATION OF THE PHYTOCHEMICAL CONTENT OF WALNUT ENDOCARP LOSS AND THE INVESTIGATION OF THE PROTECTIVE EFFECTS OF THIS COMPOUND IN THE KIDNEY OF THE RENAL ISCHEMIA AS HISTOPATHOLOGIC**
Palabiyık E., Dursun E. N., Aşkın S., Aşkın H., Uğuz H.
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 September 2021, pp.353-364
- XVI. **THE PROTECTIVE EFFECT OF DIFFERENT FLAVONOID COMPOUNDS ON RADIOTHERAPY-SPRAGUE DAWLEY RATS AS A BIOCHEMICAL INVESTIGATION**
Uğuz H., Aşkın H., Aşkın S., Kızıltunç Özmen H., Palabiyık E.
3 International ICONTECH SYMPOSIUM-3 on Innovative Surveys in Positive Science, Fas, Morocco, 28 - 29 January 2021, vol.3, pp.129-138
- XVII. **HISTOPATOLOGICAL INVESTIGATION OF THE PROTECTIVE EFFECTS OF Centranthus longiflorus and β -SITOSTEROL IN RATS INDUCED WITH TRITON WR-1339**
Palabiyık E., Uğuz H., Aşkın H., Aşkın S., Coşkun M., Çalık İ.
3 International ICONTECH SYMPOSIUM-3 on Innovative Surveys in Positive Sciences 28-29 January 2021 Mohammed First University/Oujda, Morocco, Ujdah, Morocco, 28 - 29 January 2021, pp.96-111
- XVIII. **INVESTIGATION OF THE EFFECTS OF BETA-SITOSTEROL ON TYLOXAPOL INDUCED RATS AS BIOCHEMICAL AND MOLECULAR**
Palabiyık E., Kalmışoğlu G., Aşkın S., Uğuz H., Aşkın H.
2. INTERNATIONAL ICONTECH SYMPOSIUM ON INNOVATIVE SURVEYS IN POSITIVE SCIENCES, Budapest, Hungary, 23 - 26 September 2020, pp.368-377
- XIX. **SPRAGUE DAWLEY RATLARDA BAZI FLAVONOİD BİLEŞİKLERİN RADYOPROTEKTİF ETKİLERİ**
RADIO-PROTECTIVE EFFECTS OF SOME FLAVONOID COMPOUNDS IN SPRAGUE DAWLEY RATS
Kızıltunç Özmen H., Aşkın S., Uğuz H., Yıldız M., Taslimi P., Ekinci Akdemir F. N., Palabiyık E., Aşkın H.
2. INTERNATIONAL ICONTECH SYMPOSIUM ON INNOVATIVE SURVEYS IN POSITIVE SCIENCES, 23 - 26 September 2020, vol.2, pp.378-380
- XX. **HISTOPATOLOGICAL INVESTIGATION OF THE PROTECTIVE EFFECTS OF Centranthus longiflorus and β -SITOSTEROL IN RATS INDUCED WITH TRITON WR1339**
Palabiyık E., Uğuz H., Aşkın H., Aşkın S., Coşkun M., Çalık İ.
3 International ICONTECH SYMPOSIUM-3 on Innovative Surveys in Positive Science, Fas, Morocco, 28 - 29 January 2021, vol.3, pp.96-111
- XXI. **Radioprotective effects of some flavonoids on the carbonic anhydrase parameter of AUERAC rats irradiated with γ -rays**
YILDIZ M., KIZILTUNÇ ÖZMEN H., AŞKIN H., GÜLÇİN İ., UĞUZ H., EKİNCİ AKDEMİR F. N., TASLIMI P.
7th International Congress on Molecular Biology and Biotechnology, 25 - 27 April 2018

Supported Projects

Uğuz H., Aşkın H., Sulumer A. N. S., Avcı B., Aslan A., Nohutçu A., Palabiyık E., Project Supported by Higher Education Institutions, İlimdeki Tıbbi Bitkileri Öğreniyorum, 2023 - 2024

Uğuz H., Aşkın H., Avcı B., Sulumer A. N., Palabiyık E., Project Supported by Higher Education Institutions, 2023 - 2024

Sulumer A. N., Avcı B., Uğuz H., Aşkın H., Palabıyık E., Project Supported by Higher Education Institutions, 2023 - 2024
AŞKIN H., ATMACA U., SEVİNÇ ÖZAKAR R., ÇELİK M., PALABIYIK E., HANOĞLU B. D., ÖZAKAR E., UĞUZ H., AVCI B.,
SULUMER A. N., et al., Project Supported by Higher Education Institutions, Ratlarda Deneysel Olarak Oluşturulan İkinci
Derece Yanık Modeli Üzerine Ficus carica ve Hippophae rhamnoidesin Karışımının Etkisinin In vitro ve In vivo Olarak
Araştırılması, 2021 - 2024
Uğuz H., Sulumer A. N., Avcı B., Palabıyık E., Project Supported by Higher Education Institutions, 2022 - 2023
Uğuz H., Yazıcı A., Karabacak T., Avcı B., Sulumer A. N., Palabıyık E., Project Supported by Higher Education Institutions,
Fun Times in the Houses of Love!, 2022 - 2022
Kartay H., Uğuz H., Melik S., Project Supported by Higher Education Institutions, Kütüphane Haftasında Buluşuyoruz,
2022 - 2022
Uğuz H., Uğuz K. C., Genç D., Sulumer A. N., Avcı B., Palabıyık E., Melik S., Project Supported by Higher Education
Institutions, Happy Women, 2022 - 2022
Uğuz H., Aşkın H., Palabıyık E., Avcı B., Sulumer A. N., Palabıyık A. A., Ruşen B. T., Yıldırım A., Project Supported by Higher
Education Institutions, GELECEĞE İLHAM KAYNAĞI OLAN ÇOCUKLAR, 2022 - 2022
Palabıyık E., Uğuz H., Palabıyık A. A., Sulumer A. N., Avcı B., Doymuş M., Aşkın H., Project Supported by Higher Education
Institutions, 2022 - 2022
Aşkın H., Uğuz H., Palabıyık E., Avcı B., Sulumer A. N., Çolak A., Project Supported by Higher Education Institutions, Minik
Kalpler Üşümesin, 2021 - 2021
Aşkın H., Palabıyık E., Uğuz H., Avcı B., Sulumer A. N., Palabıyık A. A., Project Supported by Higher Education Institutions,
Disleksiye Anlamak ve Onunla Yaşamak, 2021 - 2021

Scientific Refereeing

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, Journal Indexed in SCI-E, August 2024

Metrics

Publication: 34
Citation (WoS): 1
Citation (Scopus): 4
H-Index (WoS): 1
H-Index (Scopus): 2

Congress and Symposium Activities

Yem Bitkileri Çalıştayı, Attendee, Erzurum, Turkey, 2022
Çayır Mera Çalıştayı, Attendee, Erzurum, Turkey, 2022
Tohumculuk Çalıştayı, Attendee, Erzurum, Turkey, 2022
2nd EASTERN ANATOLIA REGIONAL MEETING AND TRANSPLANTATION UPDATE SYMPOSIUM, Attendee, Erzurum,
Turkey, 2021
Rare Diseases Conference, Attendee, İstanbul, Turkey, 2021
Clinical Research and Innovation Symposium, Attendee, Erzurum, Turkey, 2021

Scholarships

2211A General Domestic Doctoral Fellowship Program, TUBITAK, 2018 - 2024
100/2000 YÖK Doctoral Fellowship Program, YOK, 2020 - 2020

Representation and Promotion Activities

Institutional Representation, Turkey, Erzurum, 2023 - 2023

Institutional Representation, Atatürk Üniversitesi, Turkey, Erzurum, 2023 - 2023