

## Res. Asst. EMİNE DUMAN ERBAŞ

### Personal Information

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### International Researcher IDs

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ORCID: 0000-0003-4975-1182

Publons / Web Of Science ResearcherID: AAK-4637-2021

ScopusID: 57193025573

Yoksis Researcher ID: 277940

### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2021 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2018 - 2021

Undergraduate, Anadolu University, Faculty Of Science, Department Of Biology, Turkey 2008 - 2013

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Kök Hücre Mekaniksel Biyoloji Ve 3B Yapay Organlar, Karadeniz Teknik Üniversitesi, KTÜGEN Kulübü, 2024

Vocational Course, Biotek Synergy H1 Cihazı Kullanıcı Eğitimi, ANT Teknik Cihazlar LTD. ŞTİ., 2023

Entrepreneurship, Girişimcilik, Hayat Boyu Öğrenme Genel Müdürlüğü, 2017

Vocational Course, VI. Temel Klinik Proteomiks Kursu, Kocaeli Üniversitesi Sürekli Eğitim Araştırma ve Uygulama Merkezi, 2017

Education Management and Planning, Hayvan Deneyleri Yerel Etik Kurulu Deney Hayvanları Kullanımı, Eskişehir Osmangazi Üniversitesi, 2016

Vocational Course, BIO-TEK Marka EPOCH Elisa Okuyucu ve Gen5 Programı Operatör Eğitimi, Anadolu Üniversitesi, 2016

### Dissertations

Postgraduate, BAZI GIDA KORUYUCU MADDELERİN MODEL HAYVAN *Galleria mellonella* L. (LEPIDOPTERA: PYRALIDAE) LARVALARINDA HEMOSİT ARACILI İMMÜN SİSTEM ÜZERİNE ETKİLERİ, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2021

### Research Areas

## Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2018 - Continues

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

- I. **Screening the immunotoxicity of different food preservative agents on the model organism *Galleria mellonella* L. (Lepidoptera: Pyralidae) larvae**  
Erbaş E., Gwokyalya R., Altuntas H., KUTRUP B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.46, no.4, pp.757-767, 2023 (SCI-Expanded)
- II. **Juglone induced oxidative and genotoxic stress in the model insect *Galleria mellonella* L. (Pyralidae: Lepidoptera)**  
Altuntas H., Duman E., Kilic G.  
INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE, vol.40, no.3, pp.611-619, 2020 (SCI-Expanded)
- III. **Lethal and Sublethal Effects of Juglone on the Life-History Traits of *Galleria mellonella* L. (Lepidoptera: Pyralidae)**  
DUMAN ERBAŞ E., Altuntas H.  
ACTA ZOOLOGICA BULGARICA, vol.72, no.1, pp.43-48, 2020 (SCI-Expanded)
- IV. **EVALUATION OF THE EFFECTS OF ETHEPHON ON THE BIOLOGICAL PARAMETERS OF MODEL ORGANISM *GALLERIA MELLONELLA* L. (LEPIDOPTERA: PYRALIDAE)**  
ALTUNTAŞ H., Demirci S. N. S., DUMAN E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.4, pp.2834-2838, 2017 (SCI-Expanded)
- V. **Toxicological and physiological effects of ethephon on the model organism, *Galleria mellonella* L. 1758 (Lepidoptera: Pyralidae)**  
ALTUNTAŞ H., Demirci S. N. S., Duman E., Ergin E.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.40, no.4, pp.413-423, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of Juglone on the Antioxidant Metabolism in the Larval Hemolymph of the Greater Wax Moth *Galleria mellonella* L. (Lepidoptera: Pyralidae)**  
Duman Erbaş E., Altuntaş H.  
Karadeniz Fen Bilimleri Dergisi, vol.11, no.1, pp.18-28, 2021 (Peer-Reviewed Journal)
- II. **Genotoxicity of azadirachtin on *Galleria mellonella* L. (Lepidoptera: Pyralidae)**  
DUMAN E., ALTUNTAŞ H.  
Biological Diversity and Conservation, vol.11, no.3, pp.24-30, 2018 (Peer-Reviewed Journal)
- III. **Toxicological Effects of The Entomopathogenic *Purpureocillium lilacinus* on the model organism, *Galleria mellonella* L. (Lepidoptera: Pyralidae)**  
ALTUNTAŞ H., DUMAN E.  
Biological Diversity and Conservation, vol.10, no.1, pp.153-159, 2017 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **E250 Kodlu Gıda Koruyucu Sodyum Nitritin Model Organizma *Galleria mellonella* Larvalarında Histopatolojik Etkileri**

Parlak Ö., Sarıkurt S., Duman Erbaş E., Kutrup B.

6. Ulusal Zooloji Kongresi, Bursa, Turkey, 1 - 02 December 2023, pp.26

- II. **Probiyotik özelliğine sahip bazı bakterilerin model organizma *Galleria mellonella* L. (Lepidoptera: Pyralidae)'da biyolojik değişikliklerin belirlenmesi**  
Ussayeva O., Şentürk B., Duman Erbaş E., Kutrup B.  
25. Ulusal Biyoloji Kongresi, İzmir, Turkey, 12 - 15 July 2023
- III. **Bazı Gıda Koruyucu Maddelerin Model Organizma *Galleria mellonella* L. (Lepidoptera: Pyralidae) Larval Hemositleri Üzerine Etkisi**  
Duman Erbaş E., Altuntaş H., Kutrup B.  
5. ULUSAL ZOOLOJİ KONGRESİ, Bursa, Turkey, 2 - 04 December 2022, pp.55
- IV. **Effects of Juglone on the Antioxidant Metabolism in the Larval Hemolymph of the Greater Wax Moth *Galleria mellonella* L. (Lepidoptera: Pyralidae)**  
DUMAN ERBAŞ E., ALTUNTAŞ H.  
2nd INTERNATIONAL SYMPOSIUM ON BIODIVERSITY RESEARCH, 18 - 20 November 2020
- V. **Genotoxic effect of Azadirachtin on greater wax moth *Galleria mellonella* (Lepidoptera: Pyralidae)**  
DUMAN E., ALTUNTAŞ H.  
4th INTERNATIONAL CONGRESS ON APPLIED BIOLOGICAL SCIENCES (ICABS), Eskişehir, Turkey, 3 - 05 May 2018
- VI. **Genotoxic Effects of Juglone on Greater Wax Moth *Galleria mellonella* (Lepidoptera: Pyralidae)**  
DUMAN ERBAŞ E., ALTUNTAŞ H.  
3rd INTERNATIONAL CONGRESS ON ZOOLOGY and TECHNOLOGY, 12 - 15 July 2017
- VII. **The Effects of Juglone on the Larval Metabolites of Greater Wax Moth *Galleria mellonella* (Lepidoptera: Pyralidae)**  
ALTUNTAŞ H., DUMAN ERBAŞ E.  
3rd INTERNATIONAL CONGRESS ON ZOOLOGY and TECHNOLOGY, 12 - 15 July 2017
- VIII. **Evaluation of the Biological Effects of Juglone on the *Galleria mellonella* (Lepidoptera: Pyralidae)**  
ALTUNTAŞ H., DUMAN ERBAŞ E.  
ECOLOGY 2017 INTERNATIONAL SYMPOSIUM, 11 - 13 May 2017
- IX. **Toxicological effects of ethephon on the model organism *Galleria mellonella* L. (Lepidoptera: Pyralidae)**  
ALTUNTAŞ H., DUMAN ERBAŞ E., ŞANAL DEMİRCİ S. N.  
2016 International Congress of Entomology, 25 - 30 October 2016
- X. **Age Related Changes of Venom Glands From Female Parasitoid *Pimpla turionellae* L. (Hymenoptera: Ichneumonidae)**  
DUMAN ERBAŞ E., ÇİM S., BAYUK B. G., ALTUNTAŞ H.  
The International Conference On Science, Ecology And Technology I, 24 - 28 August 2015
- XI. **Ethephon'un *Galleria mellonella* L. (Lepidoptera: Pyralidae)'nın Biyolojik Parametreleri Üzerine Etkilerinin Belirlenmesi**  
ALTUNTAŞ H., ŞANAL S. N., ERGİN E., DUMAN ERBAŞ E.  
22. ULUSAL BİYOLOJİ KONGRESİ, Turkey, 23 - 27 June 2014
- XII. **Insecticidal Effects of Ethephon on the Greater Wax Moth *Galleria mellonella* L. (Lepidoptera: Pyralidae)**  
ŞANAL S. N., ALTUNTAŞ H., DUMAN ERBAŞ E.  
2nd Global Conference on Entomology, 8 - 12 November 2013

## Supported Projects

BELDÜZ A. O., ÇOLAK N., DUMAN ERBAŞ E., Project Supported by Higher Education Institutions, Kırmızı Isabel üzüm *Vitis vinifera* L x *Vitis labrusca* L kabuklarından hazırlanan antosiyanincezengin özütün model organizma *Galleria mellonella* L. (Lepidoptera: Pyralidae) larvaları üzerinde biyolojik ve immünotoksik etkilerinin belirlenmesi, 2022 - 2023

Duman Erbaş E., TÜBİTAK Project, Lavandula angustifolia L.'den Elde Edilen Lavanta Yağının Model Böcek *Galleria mellonella* L. (Lepidoptera: Pyralidae)'da Biyolojik Etkilerinin Belirlenmesi, 2022 - 2023

KUTRUP B., ALTUNTAŞ H., DUMAN E., KOÇ GÜR H., DUMAN ERBAŞ E., Project Supported by Higher Education Institutions, Bazı Gıda Koruyucu Maddelerin Model Hayvan Galleria mellonella L. Lepidoptera Pyrelidae Larvalarında Hemosit Aracılı İmmün Sistem Etkileri, 2020 - 2021

Altuntaş H., Duman Erbaş E., Project Supported by Higher Education Institutions, Azadirachtin' in Zararlı Böcekler Üzerindeki Genotoksik Etkilerinin İncelenmesi, 2017 - 2018

Altuntaş H., Duman Erbaş E., Project Supported by Higher Education Institutions, Juglonun Büyük Bal Mumu Güvesi Galleria mellonella L. (Lepidoptera: Pyrelidae)'da Oksidatif ve Genotoksik Etkilerinin Belirlenmesi, 2016 - 2017

Altuntaş H., Duman Erbaş E., Project Supported by Higher Education Institutions, Endoparazitoid Pimpla turionellae (L.) (Hymenoptera Ichneumonidae) zehrinin konağı Galleria mellonella L. (Lepidoptera: Pyralidae)'nın Antioksidan Enzimleri Üzerine Etkilerinin İncelenmesi, 2016 - 2017

Altuntaş H., Duman Erbaş E., TUBITAK Project, Juglonun Büyük Bal Mumu Güvesi Galleria mellonella L. (Lepidoptera: Pyralidae) Üzerindeki Ekofizyolojik ve Ekotoksikolojik Etkileri, 2015 - 2017

Altuntaş H., Duman Erbaş E., Project Supported by Higher Education Institutions, Parazitoid Pimpla turionellae (L.) (Hymenoptera Ichneumonidae) Dişilerinde Zehir Kesesinin Yaşa Bağlı Değişiminin Belirlenmesi, 2015 - 2016

## Activities in Scientific Journals

Journal of Experimental and Basic Medical Sciences, Assistant Editor/Section Editor, 2021 - Continues

## Memberships / Tasks in Scientific Organizations

7. Ulusal Zooloji Kongresi GENÇ ARAŞTIRMACI DESTEK EKİBİ, Chairman, 2024 - Continues, Turkey

## Scientific Consultations

Tübitak, Project Consultancy, Karadeniz Technical University, Fen Fakültesi, Biyoloji, Turkey, 2022 - Continues

## Metrics

Publication: 20

Citation (WoS): 26

Citation (Scopus): 27

H-Index (WoS): 2

H-Index (Scopus): 2

## Congress and Symposium Activities

6. Ulusal Zooloji Kongresi, Attendee, Bursa, Turkey, 2023

25. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2023

5. ULUSAL ZOOLOJİ KONGRESİ, Attendee, Bursa, Turkey, 2022

2nd INTERNATIONAL SYMPOSIUM ON BIODIVERSITY RESEARCH, Attendee, Rize, Turkey, 2020

4th INTERNATIONAL CONGRESS ON APPLIED BIOLOGICAL SCIENCES (ICABS), Attendee, Eskişehir, Turkey, 2018

3rd INTERNATIONAL CONGRESS ON ZOOLOGY and TECHNOLOGY, Attendee, Afyonkarahisar, Turkey, 2017

ECOLOGY 2017 INTERNATIONAL SYMPOSIUM,, Attendee, Kayseri, Turkey, 2017

2016 International Congress of Entomology, Attendee, Florida, United States Of America, 2016

The International Conference On Science, Attendee, Vienna, Austria, 2015

22. ULUSAL BİYOLOJİ KONGRESİ, Attendee, Eskişehir, Turkey, 2014

2nd Global Conference on Entomology, , Attendee, Klang, Malaysia, 2013

## **Scholarships**

Diđer, TUBITAK, 2022 - Continues

## **Non Academic Experience**

Club, BİOPONİK, BİYOLOJİ

Non-profit Organisation, TEKNOFEST, TEKNOFEST

ADALET BAKANLIđI ADLİ TIP KURUMU BİYOLOJİ İHTİSAS DAİRESİ

OSMANGAZİ ÜNİVERSİTESİ, TIP FAKÜLTESİ, MİKROBİYOLOJİ ABD