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Education Information

Doctorate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1990 - 1996

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Biyoloji, 2018 - Continues

Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Biyoloji, 2006 - 2018

Academic and Administrative Experience

Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2007 - Continues

Deputy Head of Department, Kocaeli University, Biyoloji Bölümü, 2006 - 2024

Balıkesir Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 1998 - 1999

Balıkesir Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 1998 - 1999

Advising Theses

Uçkan F., Endoparazitoit Pimpla turionellae zehirinin konak Galleria mellonella'da DNA metilasyonuna etkisi, Postgraduate, A.ESKİN(Student), 2023

Uçkan F., Monochamus dejean, 1821 (Coleoptera: Cerambycidae) cinsinin moleküler filogenetik analizi, Postgraduate, F.YUSUFOĞLU(Student), 2022

Uçkan F., Alüminyum oksit nanopartiküllerinin konak galleria mellonella ve endoparazitoid pimpla turionellea'nın yaşam döngüsü ile konak hemositlerine etkileri, Postgraduate, E.ÇOĞAL(Student), 2022

Uçkan F., Acanthocinus griseus (Fabricius, 1792) (Coleoptera: Cerambycidae) türünün mitokondriyal sitokrom C oksidaz

I çeşitliliği, Postgraduate, A.ABBASZADA(Student), 2022

Uçkan F., Polistiren nanopartiküllerinin konak Galleria mellonella ve endoparazitoid Pimpla turionellae'nin yaşam döngüsü ile konak hemositlerine etkileri, Postgraduate, T.NUR(Student), 2022

Uçkan F., Nükleer ve mitokondriyal DNA dizileri kullanılarak Kocaeli ilindeki Cerambycidae (Coleoptera) türlerinin filogenetik analizi, Doctorate, H.KÜBRA(Student), 2021

Uçkan F., Propolisin kronik öngörülemeyen hafif stres uygulanan erkek wistar albino sincanların hormon ve antioksidan enzimlerine etkileri, Postgraduate, R.KELOĞLAN(Student), 2020

Uçkan F., Zebularının konak Galleria mellonella ve endoparazitoid Pimpla turionellae yaşam döngüsü ile konak hemositlerine etkileri, Postgraduate, B.KÖSE(Student), 2019

Uçkan F., Indol-3-asetik asit konak Galleria mellonella L. ve endoparazitoit Pimpla turionellae L.'nin hemolitik vefenolksidaz aktivitesine etkileri, Postgraduate, G.BECERİKLİ(Student), 2019

Göçmez S. S., Uçkan F., Sıçanlarda kronik öngörülmeyen hafif stresle indüklenen depresyon modelinde propolisin öğrenme bellek üzerine etkileri, Postgraduate, C.ÖZER(Student), 2019

Uçkan F., Zebuların'in Galleria mellonella L. (Lepidoptera: Pyralidae)'nın antioksidan enzimlerine etkisi, Postgraduate, E.ÇAKIR(Student), 2019

Uçkan F., Kocaeli ilindeki orman zararlısı Cerambycidae (coleoptera) türleri ve populasyon yoğunlukları, Doctorate, Ş.ATAK(Student), 2019

Uçkan F., Kocaeli ilindeki Rhagium inquisitor (Coleoptera:Cerambycidae)' un mitokondriyal sitokrom coksidaz-ı ve morfolojik çeşitliliği, Postgraduate, Y.EMRE(Student), 2019

Uçkan F., Balmumu güveleri ve parazitoidlerinin mitokondriyal COI gen bölgesi temelli filogenetik analizi, Postgraduate, B.NOGAYLAR(Student), 2018

Uçkan F., İndol-3-asetik asit konak Galleria mellonella L. ve endoparazitoid Pimpla turionellae L.'nın antioksidan enzimlerine etkileri, Postgraduate, D.ÖZYILMAZ(Student), 2018

UÇKAN F., Konağa verilen indol-3-asetik asit ve kaliks sıvısının konak Galleria mellonella L. (Lepidoptera:Pyralidae) ve parazitoid Pimpla turionellae L. (Hymenoptera:Ichneumonidae) hemositlerine etkisi, Doctorate, S.KAYA(Student), 2015

Uçkan F., İndol-3-asetik asit (IAA)'in konak Achoria grisella fabricus (Lepidoptera: Pyralidae) larval hemolenfinin ve Apanteles galleriae wilkinson (Hymenoptera: Braconidae) larvasının biyokimyasal parametrelerine etkisi, Postgraduate, H.KÜBRA(Student), 2015

Uçkan F., Konağa verilen indol-3-asetik asit'in konak achoria grisella fabricus, 1794 (Insecta:Lepidoptera: Pyralidae) hemositlerine etkisi, Postgraduate, D.ÇELİK(Student), 2014

Uçkan F., Kocaeli ilinde süne eurygaster spp. (hemiptera: scutelleridae) yumurta parazitoitleri (hymenoptera: scelionidae) ve etkinlikleri, Postgraduate, Ş.ATAK(Student), 2012

Uçkan F., İndol-3-asetik asit (IAA)'in konak galleria mellonella l. (lepidoptera: pyralidae) ile endoparazitoit pimpla turionellae l. (hymenoptera: ichneumonidae) biyolojik özelliklerine etkileri, Postgraduate, R.ÖZBEK(Student), 2012

UÇKAN F., Gibberellik asit (GA3)'in konak Galleria mellonella L. (Lepidoptera:Pyralidae) ve parazitoit Pimpla turionellae L. (Hymenoptera:Ichneumonidae) hemolenf kimyası ve hemositlerine etkisi, Doctorate, H. ALTUNTAŞ(Student), 2011

Uçkan F., Pimpla turionellae L. (Hymenoptera:Ichneumonidae) zehirinin ve parazitlemenin konak (Galleria mellonella) hemolenf karbohidrat ve lipit miktarına etkileri, Postgraduate, S.KULELİ(Student), 2011

UÇKAN F., Endoparazitoit Pimpla turionellae (L.) (Hymenoptera; Ichneumonidae) zehiri ve parazitlemesinin konak hemositlerine etkileri, Doctorate, A.ER(Student), 2011

Uçkan F., Farklı dozlarda konağa verilen IAA (indol-3-asetik asit)'in parazitoit Apanteles galleriae Wilkinson (Hymenoptera: Braconidae) gelişim biyolojisine etkileri, Postgraduate, İ.HAFTACI(Student), 2010

Uçkan F., Farklı dozlarda konağa verilen GA3 (gibberellik asit)'ün parazitoit Pimpla turionellae L. (Hymenoptera: Ichneumonidae) biyolojik özellikleri ve hemolenf toplam protein, glukoz ve yağ miktarına etkileri, Postgraduate, Z.ÖZTÜRK(Student), 2010

UÇKAN F., Parazitoit Pimpla turionellae (L.) (Hymenoptera;Ichneumonidae) omurgalı hormonları, Postgraduate, D.MERAM(Student), 2007

UÇKAN F., Farklı dozlarda konağa verilen gibberellik asitin parazioit Apantales galleriae Wilkinson (Hymenoptera:Braconidae) biyolojisine etkileri, Postgraduate, A.TÜVEN(Student), 2006

UÇKAN F., Pimpla turionellae L. (Hymenoptera: Ichneumonidae) zehir içeriği ve aktivitesi, Doctorate, E.ERGIN(Student),

2005

- UÇKAN F., Farklı dozlarda konağa verilen cypermethrenin parazitoit Pimpla turionellae (L.) (Hymenoptera: Ichneumonidae) gelişim biyolojisine etkileri, Postgraduate, E.ESRA(Student), 2004
- UÇKAN F., Farklı dozlarda konağa verilen cypermethrinin parazitoit Apanteles galleriae Wilkinson (Hymenoptera: Braconidae) biyolojisine etkileri, Postgraduate, A.ŞAHİN(Student), 2004
- UÇKAN F., Cypermethrinin Pimpla turionellae L. (Hym.; Ichneumonidae), toplam protein, lipit ve karbonhidrat miktarı ile hemositlerine etkisi, Doctorate, O.SAK(Student), 2004
- UÇKAN F., Konağa larval evrede verilen 5-aza-2'-deoxycytidine'nin parazitoit Apanteles galleriae Wilkinson (Hymenoptera; Braconidae) biyolojisine etkileri, Postgraduate, Ş.ŞENGÜL(Student), 2003
- UÇKAN F., Endoparazitoit pimpla turionellae (L.) (hymenoptera;ichneumonidae)dişilerinin zehir içeriğinin belirlenmesi, Postgraduate, S.ÖZNUR(Student), 2001
- UÇKAN F., Besin çeşidi ve farklı sıcaklıkların apanteles galleriae Wilkinson (Hymenoptero; Braconidae)'nin ergin hayat uzunluğuna etkileri, Postgraduate, E.ERGİN(Student), 2000

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Time-scaled phylogenetic analysis of some extant Lamiinae (Coleoptera, Cerambycidae) species of East of Marmara Basin, Turkiye
Soydabaş Ayoub H. K., Uçkan F.
BIOLOGIA, vol.79, no.2, pp.545-555, 2024 (SCI-Expanded)
- II. Interactions of alumina and polystyrene nanoparticles with the innate immune system of *< i>Galleria mellonella</i>*
Demirtürk Z., Uçkan F., Mert S.
DRUG AND CHEMICAL TOXICOLOGY, 2023 (SCI-Expanded)
- III. Immunosuppressive influence of parasitoid wasp Pimpla turionellae calyx fluid on host Galleria mellonella cell-mediated immune response and hemocyte viability
KAYA S., UÇKAN F., ER A.
BULLETIN OF ENTOMOLOGICAL RESEARCH, vol.112, no.3, pp.361-369, 2022 (SCI-Expanded)
- IV. Influence of dietary indole-3-acetic acid on phenoloxidase and hemolytic activities in Pimpla turionellae L., 1758 (Hymenoptera: Ichneumonidae) and Galleria mellonella L., 1758 (Lepidoptera: Pyralidae) in a host- parasitoid system
Becerikli Aksan G., UÇKAN F., ER A.
TÜRKİYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.46, no.2, pp.149-158, 2022 (SCI-Expanded)
- V. Influence of Indole-3-Acetic Acid on Cellular Immune Responses of *Galleria mellonella*L. (Lepidoptera: Pyralidae) and *Pimpla turionellae*L. (Hymenoptera: Ichneumonidae) in a host-parasitoid system
KAYA S., UÇKAN F., ER A.
INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE, vol.41, no.1, pp.169-179, 2021 (SCI-Expanded)
- VI. A preliminary phylogenetic analysis of ribbed-pine-borer (*Rhagium inquisitor*) based on mitochondrial COI sequences
Cakmak Y. E., Soydabas-Ayoub H. K., UÇKAN F.
JOURNAL OF ASIA-PACIFIC ENTOMOLOGY, vol.23, no.3, pp.809-815, 2020 (SCI-Expanded)
- VII. Reprograming of epigenetic mechanisms controlling host insect immunity and development in response to egg-laying by a parasitoid wasp
Oezbek R., Mukherjee K., UÇKAN F., Vilcinskas A.
PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES, vol.287, no.1928, 2020 (SCI-Expanded)
- VIII. The effects of gibberellic acid on Allium cepa root tip meristematic cells
Tutunoglu B., Aksoy Ö., Oezbek R., Uckan F.
BIOLOGIA PLANTARUM, vol.63, pp.365-370, 2019 (SCI-Expanded)

- IX. **SIZE DIVERGENCE OF RHAGIUM INQUISITOR: SEXUAL SIMILARITY VERSUS ENVIRONMENTAL VARIABILITY**
Cakmak Y. E., Ayoub H. K., UÇKAN F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.10, pp.7593-7602, 2019 (SCI-Expanded)
- X. **Indole-3-Acetic Acid induced oxidative stress in model host Galleria mellonella L. (Lepidoptera: Pyralidae) and its endoparasitoid Pimpla turionellae (L.) (Hymenoptera: Ichneumonidae)**
Ozyilmazi D., Ozbek R., Altuntas H., Uckan F.
ISJ-INVERTEBRATE SURVIVAL JOURNAL, vol.16, pp.184-188, 2019 (SCI-Expanded)
- XI. **Alterations in Hemolymph Carbohydrate and Lipid Composition of Galleria mellonella (Lepidoptera: Pyralidae) Induced by Parasitism and Venom of Pimpla turionellae (Hymenoptera: Ichneumonidae)**
KULELİ S., Er A., UÇKAN F.
ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, vol.110, no.2, pp.221-226, 2017 (SCI-Expanded)
- XII. **Effects of Indole-3-Acetic Acid on Hemocytes of Achoria grisella Fabr. (Lepidoptera: Pyralidae)**
ÇELİK D., ÖZBEK R., UÇKAN F.
JOURNAL OF THE ENTOMOLOGICAL RESEARCH SOCIETY, vol.19, pp.83-93, 2017 (SCI-Expanded)
- XIII. **Effects of indol 3 acetic acid on the biology of Galleria mellonella Lepidoptera Pyralidae and its endoparasitoid Pimpla turionellae (Hymenoptera Ichneumonidae)**
UÇKAN F., ÖZBEK R., EKREM E.
Belgian Journal Of Zoology, vol.145, pp.49-58, 2015 (SCI-Expanded)
- XIV. **Effects of Indol-3-Acetic Acid on the biology of Galleria mellonella and its endoparasitoid Pimpla turionellae**
UÇKAN F., ÖZBEK R., Ergin E.
BELGIAN JOURNAL OF ZOOLOGY, vol.145, no.1, pp.49-58, 2015 (SCI-Expanded)
- XV. **Total Lipid and Fatty Acid Composition of Apanteles galleriae and Its Parasitized Host**
NURULLAHOGLU Z. U., UÇKAN F., SAK O.
Annals Of The Entomological Society Of America, vol.97, pp.1000-1006, 2014 (SCI-Expanded)
- XVI. **Effects of Gibberellic Acid on Hemolymph-Free Amino Acids of <i>Galleria mellonella</i> (Lepidoptera: Pyralidae) and Endoparasitoid <i>Pimpla turionellae</i> (Hymenoptera: Ichneumonidae)**
Altuntas H., Uckan F., Kilic A. Y., Ergin E.
ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, no.5, pp.1000-1009, 2014 (SCI-Expanded)
- XVII. **Effects of Parasitism and Envenomation by Pimplaturionellae Hymenoptera Ichneumonidae on Hemolymph Free Amino Acids of Galleria mellonella Lepidoptera Pyralidae**
SAK O., UÇKAN F., ERGİN E., ER A.
Journal Of The Entomological Research Society, pp.1-20, 2014 (SCI-Expanded)
- XVIII. **Effects of Gibberellic Acid on Hemocytes of <i>Galleria mellonella</i> L. (Lepidoptera: Pyralidae)**
Altuntas H., Kilic A. Y., Uckan F., Ergin E.
ENVIRONMENTAL ENTOMOLOGY, no.3, pp.688-696, 2012 (SCI-Expanded)
- XIX. **Testosterone, progesterone, and FSH levels in Pimpla turionellae L. (Hymenoptera: Ichneumonidae) and its host Galleria mellonella L. (Lepidoptera: Pyralidae)**
UÇKAN F., Cevirgen D., ER A.
TURKISH JOURNAL OF ZOOLOGY, vol.36, no.6, pp.792-797, 2012 (SCI-Expanded)
- XX. **Cytotoxic effects of parasitism and application of venom from the endoparasitoid Pimpla turionellae on hemocytes of the host Galleria mellonella**
ER A., UÇKAN F., Rivers D. B., SAK O.
JOURNAL OF APPLIED ENTOMOLOGY, vol.135, no.3, pp.225-236, 2011 (SCI-Expanded)
- XXI. **Effects of Gibberellic Acid (GA(3)) on Biological Parameters and Hemolymph Metabolites of the Pupal Endoparasitoid Pimpla turionellae (Hymenoptera: Ichneumonidae) and its Host Galleria mellonella (Lepidoptera: Pyralidae)**
UÇKAN F., ÖZTÜRK Z., ALTUNTAŞ H., Ergin E.
JOURNAL OF THE ENTOMOLOGICAL RESEARCH SOCIETY, vol.13, pp.1-14, 2011 (SCI-Expanded)

- XXII. **Effects of Indol-3-Acetic Acid on Biological Parameters of the Larval Endoparasitoid Apanteles galleriae (Hymenoptera: Braconidae)**
 UÇKAN F., HAFTACI İ., Ergin E.
 ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, vol.104, no.1, pp.77-82, 2011 (SCI-Expanded)
- XXIII. **Changes in the hemolymph total protein of Galleria mellonella (Lepidoptera: Pyralidae) after parasitism and envenomation by Pimpla turionellae (Hymenoptera: Ichneumonidae)**
 SAK O., ERGİN E., UÇKAN F., Rivers D. B., ER A.
 TURKISH JOURNAL OF BIOLOGY, vol.35, no.4, pp.425-432, 2011 (SCI-Expanded)
- XXIV. **Pathological and ultrastructural changes in cultured cells induced by venom from the ectoparasitic wasp Nasonia vitripennis (Walker) (Hymenoptera Pteromalidae)**
 Rivers D. B., UÇKAN F., Ergin E., Keefer D. A.
 JOURNAL OF INSECT PHYSIOLOGY, vol.56, no.12, pp.1935-1948, 2010 (SCI-Expanded)
- XXV. **Levels of encapsulation and melanization in Galleria mellonella (Lepidoptera: Pyralidae) parasitized and envenomed by Pimpla turionellae (Hymenoptera: Ichneumonidae)**
 UÇKAN F., ER A., Ergin E.
 JOURNAL OF APPLIED ENTOMOLOGY, vol.134, pp.718-726, 2010 (SCI-Expanded)
- XXVI. **Effects of Parasitization and Envenomation by the Endoparasitic Wasp Pimpla turionellae (Hymenoptera: Ichneumonidae) on Hemocyte Numbers, Morphology, and Viability of Its Host Galleria mellonella (Lepidoptera: Pyralidae)**
 ER A., UÇKAN F., Rivers D. B., Ergin E., Sak O.
 ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, vol.103, no.2, pp.273-282, 2010 (SCI-Expanded)
- XXVII. **Cytotoxic Effect of Cypermethrin on Pimpla turionellae (Hymenoptera: Ichneumonidae) Larval Hemocytes**
 UÇKAN F., SAK O.
 EKOLOJİ, vol.19, no.75, pp.20-26, 2010 (SCI-Expanded)
- XXVIII. **Effects of Cypermethrin Exposed to Host on the Developmental Biology of Pimpla turionellae (Hymenoptera: Ichneumonidae)**
 SAK O., Guelgoenue E. E., UÇKAN F.
 ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, vol.102, no.2, pp.288-294, 2009 (SCI-Expanded)
- XXIX. **Effects of gibberellic acid on biological parameters of the larval endoparasitoid Apanteles galleriae (Hymenoptera : Braconidae)**
 UÇKAN F., Tueven A., Er A., Ergin E.
 ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, vol.101, no.3, pp.593-597, 2008 (SCI-Expanded)
- XXX. **Physiology, biochemistry, and topology: Effects of 5-Aza-2'-deoxycytidine on biological parameters of larval endoparasitoid Apanteles galleriae (Hymenoptera: Braconidae) and on its host Achoria grisella (Lepidoptera: Pyralidae)**
 Uckan F., Sengul S. H., Sak O., Korkmaz M.
 Annals of the Entomological Society of America, vol.100, no.2, pp.265-269, 2007 (SCI-Expanded)
- XXXI. **Effect of cypermethrin exposed hosts on egg-adult development time, number of offspring, sex ratio, longevity, and size of Apanteles galleriae Wilkinson (Hymenoptera : Braconidae)**
 ERGİN E., ER A., UÇKAN F., RIVERS D. B.
 BELGIAN JOURNAL OF ZOOLOGY, vol.137, no.1, pp.27-31, 2007 (SCI-Expanded)
- XXXII. **Age and diet influence the composition of venom from the endoparasitic wasp Pimpla turionellae L. (Hymenoptera : Ichneumonidae)**
 Uckan F., Ergin E., Rivers D. B., Gencer N.
 ARCHIVES OF INSECT BIOCHEMISTRY AND PHYSIOLOGY, vol.63, no.4, pp.177-187, 2006 (SCI-Expanded)
- XXXIII. **In vivo and in vitro activity of venom from the endoparasitic wasp <i>Pimpla turionellae</i> (L.) (Hymenoptera: Ichneumonidae)**
 Ergin E., UÇKAN F., Rivers D., Sak O.
 ARCHIVES OF INSECT BIOCHEMISTRY AND PHYSIOLOGY, vol.61, no.2, pp.87-97, 2006 (SCI-Expanded)
- XXXIV. **Effects of cypermethrin on total body weight, glycogen, protein, and lipid contents of <i>Pimpla**

- turionellae</i> (L.) (Hymenoptera : Ichneumonidae)
 Sak O., UÇKAN F., Ergin E.
 BELGIAN JOURNAL OF ZOOLOGY, no.1, pp.53-58, 2006 (SCI-Expanded)
- XXXV. Characterization and biochemical analyses of venom from the ectoparasitic wasp <i>Nasonia vitripennis</i> (Walker) (Hymenoptera: Pteromalidae)
 Rivers D., UÇKAN F., Ergin E.
 ARCHIVES OF INSECT BIOCHEMISTRY AND PHYSIOLOGY, vol.61, no.1, pp.24-41, 2006 (SCI-Expanded)
- XXXVI. Determination of venom components from the endoparasitoid wasp *Pimpla turionellae* L. (Hymenoptera : Ichneumonidae)
 UÇKAN F., SİNAN S., SAVAŞÇI Ş., Ergin E.
 ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, vol.97, no.4, pp.775-780, 2004 (SCI-Expanded)
- XXXVII. Modelling age- and density-structured reproductive biology and seasonal survival of <i>Apanteles galleriae</i> Wilkinson (Hym., Braconidae)
 UÇKAN F., Ergin E., AYAZ F.
 JOURNAL OF APPLIED ENTOMOLOGY, vol.128, no.6, pp.407-413, 2004 (SCI-Expanded)
- XXXVIII. Temperature and food source effects on adult longevity of <i>Apanteles galleriae</i> Wilkinson (Hymenoptera: Braconidae)
 UÇKAN F., Ergin E.
 ENVIRONMENTAL ENTOMOLOGY, vol.32, no.3, pp.441-446, 2003 (SCI-Expanded)
- XXXIX. Age-related fecundity and sex ratio variation in <i>Apanteles galleriae</i> (Hym., Braconidae) and host effect on fecundity and sex ratio of its hyperparasitoid <i>Dibrachys boarmiae</i> (Hym., Pteromalidae)
 UÇKAN F., Gülel A.
 JOURNAL OF APPLIED ENTOMOLOGY-ZEITSCHRIFT FUR ANGEWANDTE ENTOMOLOGIE, vol.126, no.10, pp.534-537, 2002 (SCI-Expanded)
- XL. Effect of host diet on the immature developmental time, fecundity, sex ratio, adult longevity, and size of <i>Apanteles galleriae</i> (Hymenoptera: Braconidae)
 UÇKAN F., Ergin E.
 ENVIRONMENTAL ENTOMOLOGY, vol.31, no.1, pp.168-171, 2002 (SCI-Expanded)
- XLI. The Morphology of the Venom Apparatus and Histology of Venom Gland of *Pimpla turionella* L Hym Ichneumo nidae Females
 UÇKAN F.
 Turkish Journal Of Zoology, vol.4, pp.461-466, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. A Preliminary mitochondrial cytochrome c oxidase-I-based phylogeographic and phylogenetic analysis of Eurasian *Acanthocinus griseus* (Coleoptera, Cerambycidae)
 ABBASZADA A., UÇKAN F., SOYDABAŞ H. K.
 Eurasian Journal of Forest Science, vol.11, no.2, pp.66-78, 2023 (Peer-Reviewed Journal)
- II. Molecular Phylogenetic Analysis of *Nemoura flexuosa* Aubert, 1949 Based on Cytochrome Oxidase C Subunit-I Gene from Türkiye
 Yusufoğlu F., UÇKAN F.
 Genetics of Aquatic Organisms, vol.7, no.1, 2023 (Scopus)
- III. Zebularinin Antioksidan Enzimleri ve *Galleria mellonella* (Lepidoptera: Pyralidae) Lipit Peroksidasyonu Üzerindeki Etkisi
 ÇAKIR E., UÇKAN F., Ergin E., ÖZBEK R.
 TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.10, no.2, pp.457-464, 2023 (Peer-Reviewed Journal)
- IV. Assessment of the phylogenetic relationships within the spondylidine branch of Spondylidinae

(Coleoptera, Cerambycidae)

Soydabaş Ayoub H. K., Uçkan F., Atak Ş., Şimşek B. S., İbiş O.

Insect Systematics and Evolution, vol.276, no.1674, 2022 (Scopus)

- V. Konak Galleria mellonella Linnaeus (Lepidoptera: Pyralidae) hemolenf kimyasına indol-3-asetik asit etkisi

UÇKAN F., DEMİRTÜRK Z., TETİK H. M.

Kocaeli Üniversitesi Fen Bilimleri Dergisi, vol.4, no.1, pp.38-42, 2021 (Peer-Reviewed Journal)

- VI. A faunistic study on Cerambycidae (Coleoptera) of Kocaeli province (Turkey)

ATAK Ş., UÇKAN F., SOYDABAŞ AYOUN H. K.

Bitki Koruma Bülteni, vol.61, no.2, pp.33-43, 2021 (Peer-Reviewed Journal)

- VII. Regulative Influence of Propolis on Oxidative Stress and Hormonal Changes in Chronic Unpredictable Mild Stress-induced Depression Model of Rats

KELOĞLAN R., DEMİRTÜRK Z., UÇKAN F.

The Pharmaceutical and Chemical Journal, vol.8, no.2, pp.29-37, 2021 (Peer-Reviewed Journal)

- VIII. Kocaeli İlindeki Süne Yumurta Parazitoitleri ve Etkinlikleri Egg Parasitoids of Sunn Pest and Their Effectiveness in Kocaeli Province

ATAK Ş., UÇKAN F., KOÇAK E., SOYDABAŞ H. K.

Kocaeli Üniversitesi Fen Bilimleri Dergisi, vol.1, pp.8-12, 2018 (Peer-Reviewed Journal)

- IX. Kocaeli İlindeki Süne Yumurta Parazitoitleri ve Etkinlikleri

Atak Ş., UÇKAN F., KOÇAK E., SOYDABAŞ H. K.

Kocaeli Üniversitesi Fen Bilimleri Dergisi, vol.1, no.1, pp.8-12, 2018 (Peer-Reviewed Journal)

- X. First detection of Cordylomera spinicornis (Fabricius) in Turkey (Coleoptera: Cerambycidae)

ÖZDİKMEN H., ATAK Ş., UÇKAN F.

Munis Entomology Zoology, vol.12, pp.430-432, 2017 (Peer-Reviewed Journal)

- XI. A new subspecies of Plagionotus arcuatus (Linnaeus, 1758) from Turkey (Coleoptera: Cerambycidae: Cerambycinae)

ÖZDİKMEN H., ATAK Ş., UÇKAN F.

Munis Entomology Zoology, vol.12, pp.89-93, 2017 (Peer-Reviewed Journal)

- XII. A new subspecies of Anaglyptus mysticoides Reitter, 1894, Anaglyptus mysticoides obscurissimus Pic, 1901 stat. nov., from Turkey (Coleoptera: Cerambycidae: Cerambycinae)

ÖZDİKMEN H., ATAK Ş., UÇKAN F.

Munis Entomology Zoology, vol.12, pp.68-70, 2017 (Peer-Reviewed Journal)

- XIII. Effect of Indol 3 acetic acid on the biochemical parameters of Achoria grisella hemolymph and Apanteles galleriae larva

UÇKAN F., SOYDABAŞ H. K., ÖZBEK R.

Pakistan Journal of Biotechnology, vol.2, pp.163-171, 2014 (Peer-Reviewed Journal)

- XIV. Uçkan Fevzi Soydabaş Havva Kübra Özbek Rabia 2014 Effect of Indol 3 acetic acid on the biochemical parameters of Achoria grisella hemolymph and Apanteles galleriae larva

UÇKAN F., SOYDABAŞ H. K., ÖZBEK R.

Pakistan Journal of Biotechnology, vol.2, no.11, pp.163-171, 2014 (Peer-Reviewed Journal)

- XV. Morphology and ultrastructure of brain tissue and fat body from the flesh fly, Sarcophaga bullata parker (Diptera: Sarcophagidae), envenomed by the ectoparasitic wasp Nasonia vitripennis (Walker) (Hymenoptera: Pteromalidae)

Rivers D. B., Keefer D. A., Ergin E., UÇKAN F.

Psyche, 2011 (Scopus)

- XVI. Venom-induced immunosuppression: An overview of hemocyte-mediated responses

Er A., Sak O., ERGİN E., Ukan F., Rivers D. B.

Psyche, 2011 (Scopus)

- XVII. Cypermethrinin Galleria mellonella L Lepidoptera Pyralidae nin Puplaşma ve Ölüm Oranına Etkisi

SAK O., UÇKAN F.

Uludağ Arıcılık Dergisi, vol.3, pp.88-96, 2009 (Peer-Reviewed Journal)

- XVIII. **Apanteles galleriae Wilkinson Hymenoptera Braconidae Ve Parazitlenmiş Konağı Galleria Mellonella L Lepidoptera Pyralidae nin Toplam Lipit ve Yağ Asidi Bileşimleri**
 UÇKAN F., NURULLAHOĞLU Z. U., SAK O., ÖZTÜRK R.
Biyoloji Bilimleri Araştırma Dergisi, pp.89-95, 2009 (Peer-Reviewed Journal)
- XIX. **Morpholoy of the Reproductive Tract and Ovariole Histology of Apanteles galleriae Hymenoptera Brachonidae Reared on Two Host Species**
 UÇKAN F., SİNAN S., SAK O., ERGİN E.
Pakistan Journal of Biological Sciences, vol.6, pp.1389-1395, 2003 (Scopus)
- XX. **The Effects of Cold Storage on the Adult Longevity Fecundity and Sex Ratio of Apanteles galleriae Wilkinson Hym Braconidae**
 UÇKAN F., ADEM G.
Turkish Journal Of Zoology, vol.3, pp.187-191, 2001 (Scopus)
- XXI. **Effects of host species on some biological characteristics of Apanteles galleriae Wilkinson (Hym. Braconidae)**
 UÇKAN F., ADEM G.
Turkish Journal Of Zoology, vol.24, pp.105-113, 2000 (Scopus)
- XXII. **Apanteles galleriae Wilkinson Hym Braconidae nin Verim ve Eşey Oranına Parazitoit Dişi Eşdeğeri Konak Sayısındaki Artışın Etkileri**
 UÇKAN F., ADEM G.
Balıkesir Üni. Fen Bil. Ens. Der, vol.1, pp.16-25, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **IMPACTS OF ZEBULARINE ON BIOLOGICAL PARAMETERS OF GALLERIA MELLONELLA L. (LEPIDOPTERA: PYRALIDAE) AND PIMPLA TURIONELLA L. (HYMENOPTERA: ICHNEUMONIDAE) IN A HOSTPARASITOID SYSTEM**
 KÖSE B., UÇKAN F., ER A.
 in: *Advances in Science and Mathematics*, Oktay YALAZ, Editor, PLATANUS PUBLISHING, pp.78-90, 2023
- II. **ASSESSING HEMOCYTE DYNAMICS IN GALLERIA MELLONELLA (LEPIDOPTERA: PYRALIDAE) EXPOSED TO A NUCLEOSIDE ANALOG**
 KÖSE B., UÇKAN F., ER A.
 in: *Research and Reviews in Science and Mathematics*, Hüsnüye SAĞLIKER, Editor, PLATANUS PUBLISHING, pp.117-126, 2023
- III. **Cell Death in the Host-parasitoid Relationship**
 Rivers D., Ergin E., UÇKAN F.
 in: *New Developments in Cell Apoptosis Research*, Alan J. Corvin, Editor, Nova Science Publishers, pp.1-28, 2007
- IV. **Biochemical characterization and mode of action of venom from the endoparasitoid wasp Pimpla turionellae L.**
 Ergin E., UÇKAN F., Rivers D.
 in: *Recent Advances in the Biochemistry Toxicity and Mode of Action of parasitic Wasp Venoms*, David and Jay Yoder, Editor, Research Signpost, pp.1-32, 2007
- V. **Morphological and biochemical changes in cultured cells induced by venom from the endoparasitoid, Pimpla turionellae**
 Keenan B., UÇKAN F., Ergin E., Rivers D.
 in: *Recent Advances in the Biochemistry Toxicity and Mode of Action of parasitic Wasp Venoms*, David Rivers and Jay Yoder, Editor, Research Signpost, pp.1-17, 2007

Refereed Congress / Symposium Publications in Proceedings

- I. **POLİSTİREN NANOPARTİKÜLLERİNİN GALLERİA MELLONELLA'NIN HEMOSİTLERİNE ETKİLERİ**
Ellibeş Gökkaya T. N., Çoçal E., Demirtürk Z., Uçkan F.
International Marmara Sciences Congress , Kocaeli, Turkey, 10 - 11 December 2021, pp.81
- II. **ALÜMİNYUM OKSİT NANOPARTİKÜLLERİNİN GALLERIA MELLONELLA'NIN HEMOSİTLERİ ÜZERİNE ETKİLERİ**
Çoçal E., Ellibeş Gökkaya T. N., Demirtürk Z., Uçkan F.
International Marmara Sciences Congress, Kocaeli, Turkey, 10 - 11 December 2021, pp.76
- III. **Phylogenetic Analysis Based on COI Gene Region of *Monochamus galloprovincialis***
YUSUFOĞLU F., SOYDABAŞ AYOUB H. K., UÇKAN F.
6th INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCE, Kocaeli, Turkey, 08 December 2021, pp.38-47
- IV. **EFFECTS OF PROPOLIS ON OXIDATIVE PARAMETERS IN RATS ADMINISTERED CHRONIC UNPREDICTABLE HEALTH STRESS**
RABİA K., UÇKAN F., ZÜLBİYE D.
IV. International Scientific and Vocational Studies Congress – Science and Health, BILMES SH 2019 - ANKARA, Turkey, 07 January 2020 - 10 November 2019, vol.1, pp.60
- V. **The effects of propolis on cognitive impairment in chronic unpredictable mild stress-induced depression model of rats**
Göçmez S. S., Ozer C., Celebi G., Yazır Y., Duruksu G., Demirtas-Sahin T., Uckan F., Utkan T.
32nd Congress of the European-College-of-Neuropsychopharmacology (ECNP), Copenhagen, Denmark, 7 - 10 September 2019, vol.29
- VI. **Phylogenetic Status of *Pimpla turionella L.* (Hymenoptera:Ichneumoninae) Based on Cytochrome Oxidase I**
NOGAYLAR B., UÇKAN F., SOYDABAŞ H. K.
XI European Congress of Entomology (ECE-2018), Napoli, Italy, 3 - 06 June 2018, pp.295
- VII. **Phylogenetic Status of *Apanteles galleriae W.* (Braconidae: Microgasrtrinae) Based on Cytochrome Oxidase I**
NOGAYLAR B., UÇKAN F., SOYDABAŞ H. K.
XI European Congress of Entomology (ECE-2018), Napoli, Italy, 3 - 06 June 2018, pp.290
- VIII. **Native and Non Native *Rhagium inquisitor* (Coleoptera: Cerambycidae) Haplotypes of Kocaeli based on COI**
ÇAKMAK Y. E., SOYDABAŞ H. K., UÇKAN F.
4th International Symposium on EuroAsian Biodiversity SEAB2018, KİEV, Ukraine, 3 - 06 June 2018, pp.313
- IX. **Phylogenetic Status of Lamiinae (Cerambycidae: Coleoptera) Species from Kocaeli Province Based COI Gene Sequences**
SOYDABAŞ H. K., ATAK Ş., UÇKAN F.
XIII. Congress of Ecology and Environment With International Participation, Edirne, Turkey, 12 - 15 October 2017, pp.136
- X. **Phylogenetic Analysis of *Andreaea* moss Including *Andreaea regularis* from Galindez Island (Antarctic Peninsula) Based on rbcL Gene Sequences**
Soydabaş H. K., Ergül H. A., Uçkan F., Tonay M. A., Parnikoza I.
XIII. Congress of Ecology and Environment With International Participation, Kocaeli, Turkey, 12 - 15 October 2017, pp.135
- XI. **Preliminary Phylogenetic Analysis of Lepidopteran Hosts of *Pimpla turionellae* Based on Cytochrome Oxidase I**
SOYDABAŞ H. K., UÇKAN F., NOGAYLAR B.
The 3rd International Symposium on EuroAsian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.303
- XII. **Effects of Gibberellic Acid on Genomic Stability and Immune Defense of *Galleria mellonella L.* (Lepidoptera: Pyralidae)**
ÖZBEK R., UÇKAN F., AKSOY Ö.
III. International Zoology and Technology Congress, Afyon, Turkey, 12 - 15 July 2017, pp.39
- XIII. **Effects of Indole-3-Acetic Acid on Lipid Peroxidation Level of Model Host *Galleria mellonella L.***

- (Lepidoptera: Pyralidae)
ÖZYILMAZ D., ÖZBEK R., UÇKAN F., ALTUNTAŞ H., ERGİN E.
III. International Zoology and Technology Congress, Afyon, Turkey, 12 - 15 July 2017, pp.95
- XIV. Effects of Indole-3-Acetic Acid on Hemocytes of Achoria grisella Fabr. (Lepidoptera: Pyralidae)
ÇELİK D., ÖZBEK R., UÇKAN F.
International Conference on Biochemistry and Molecular Biology, Munich, Germany, 3 - 05 April 2017, pp.51
- XV. Indole-3-Aacetic Acid Induced Alterations in AntioxidantEnzyme Activity and Lipid Peroxidation of Pimplaturonellae (L.) (Hymenoptera: Ichneumonidae)
ÖZYILMAZ d., ÖZBEK R., UÇKAN F., ALTUNTAŞ H.
International Conference on Biochemistry and Molecular Biology, Munich, Germany, 3 - 05 April 2017, pp.52
- XVI. Effects of Indole 3 Acetic Acid on the Hemolytic Activity of the Host Galleria mellonella L
Lepidoptera Pyralidae and Parasitoid Pimpla turionellae L Hymenoptera Ichneumonidae
BECERİKLİ AKSAN G., UÇKAN F., ERGİN E.
INTERNATIONAL CONFERENCE ON BIOLOGICAL SCIENCES, Konya, Turkey, 21 - 23 October 2016, pp.130
- XVII. Cytotoxic Effects of Gibberellic Acid on Allium cepa
TÜTÜNOĞLU B., AKSOY Ö., ÖZBEK R., UÇKAN F.
2nd ICABS, 27 - 31 May 2016, pp.134
- XVIII. Cytotoxic effects of gibberellic asit on Allium cepa
Tütünoğlu B., AKSOY Ö., ÖZBEK R., UÇKAN F.
2nd Internatinal Congress on Applied Biological Science, 27 - 31 May 2016
- XIX. Cytotoxic effects of gibberellic acide on Allium cepa
Tütünoğlu B., AKSOY Ö., ÖZBEK R., UÇKAN F.
2nd International Congress on Applied Biological Science, 27 - 31 May 2016
- XX. Gibberellic Acid Induced Genomic Variationsin Galleria mellonella L Lepidoptera Pyralidae
ÖZBEK R., UÇKAN F., AKSOY Ö.
ICBMB 2016, Italy, 27 - 29 April 2016
- XXI. Indole 3 Acetic Acid Induced Alterations inAntioxidant Enzyme Activity of Galleriamellonella L
Lepidoptera Pyralidae
ÖZBEK R., ÖZYILMAZ D., UÇKAN F., ALTUNTAŞ H., ERGİN E.
ICBMB 2016, Italy, 27 - 29 April 2016
- XXII. Effect of Indol 3 acetic acid on the biochemical parameters of Achoria grisella hemolymph and Apanteles galleriae larva
UÇKAN F., SOYDABAŞ H. K., ÖZBEK R.
International Conference on Biochemistry and Molecular Biology, Paris, France, 22 - 24 April 2014, pp.62
- XXIII. Determination of genotoxic effects of gibberellic acid on Galleria mellonella L. by comet test
ÖZBEK R., AKSOY Ö., UÇKAN F.
International Conference on Biochemistry and Molecular Biology, 17 - 19 April 2014

Supported Projects

UÇKAN F., Project Supported by Higher Education Institutions, NanoPolistirenlerin Galleria mellonellada Oksidatif ve Genotoksik Etkisi, 2023 - Continues

UÇKAN F., MERT S., Demirtürk Z., Project Supported by Higher Education Institutions, Polistiren ve Alüminyum Oksit Nanopartiküllerinin Galleria melonellanın DNA Metilasyonu ve Bağışıklık Sistemine Etkileri, 2022 - Continues

Uçkan F., TUBITAK Project, Polistiren ve Alüminyum Oksit Nanopartiküllerinin Galleria melonellanın DNA Metilasyonu ve Bagisiklik Sistemine Etkileri, 2024 - 2024

MERT S., DURUKSU G., HALBUTOĞULLARI Z. S., UÇKAN F., Project Supported by Higher Education Institutions, Aljinat Mikrokapsüllerde Baryum Ba₂ iyonlarının BSA Salım Hızına Etkisinin İncelenmesi, 2021 - 2023

UÇKAN F., Project Supported by Higher Education Institutions, Alüminyum oksit nanopartiküllerinin Galleria mellonellada DNA metilasyonuna etkileri, 2021 - 2022

UÇKAN F., Yusufoğlu F., Project Supported by Higher Education Institutions, Monochamus Dejean 1821 (Coleoptera Cerambycidae) cinsinin moleküler filogenetik analizi, 2021 - 2022

UÇKAN F., ELLİBEŞ T. N., Project Supported by Higher Education Institutions, Polistiren nanopartiküllerinin konak Galleria mellonella ve parazitoid Pimpla turionellaenin yaşam döngüsü ve hemositlerine etkileri, 2021 - 2022

Uçkan F., Project Supported by Higher Education Institutions, Biyolojik Kontrol Açısından Önemli Bazı Parazitoitlerin İncelenmesi, 2000 - 2022

UÇKAN F., Project Supported by Higher Education Institutions, Alüminyum oksit nanopartiküllerinin Galleria mellonella'nın yaşam döngüsü ve hemositleri üzerine etkileri, 2020 - 2021

UÇKAN F., Project Supported by Higher Education Institutions, Karbon Nanotüplerinin Galleria Mellanella Larvalarının Yaşam Döngüsü ve Antioksidan Sistemi Üzerine Etkisi, 2019 - 2020

UÇKAN F., KELOĞLAN R., Project Supported by Higher Education Institutions, PROPOLİSİN KRONİK ÖNGÖRÜLMEYEN HAFIF STRES UYGULANAN ERKEK WİSTAR ALBİNO SIÇANLARININ HORMON VE ANTIOKSİDAN ENZİMLERİNE ETKİLERİ, 2019 - 2020

UÇKAN F., SOYDABAŞ AYOUB H. K., ŞABANOĞLU B., Project Supported by Higher Education Institutions, KOCAELİ İLİNDEKİ CERAMBYCİDAE (COLEOPTERA) TÜRLERİNİN MİTOKONDİRİYAL COI, 16S rRNA VE NÜKLEAR 28S rRNA GEN DİZİLERİ KULLANARAK FILOGENETİK DURUMLARININ BELİRLENMESİ, 2018 - 2020

UÇKAN F., ÇAKMAK Y. E., Project Supported by Higher Education Institutions, KOCAELİ İLİNDEKİ RHAGİUM İNQUİSİTOR (COLEOPTERA: CERAMBYCİDAE)'UN SİTOKROM C OKSIDAZ-I VE MORFOLOJİK ÇEŞİTLİLİĞİ, 2018 - 2018

Uçkan F., TUBITAK Project, Hipometilasyonun Galleria melonella L. (Lepidoptera: Pyralidae)'nın İmmün Sistemi ve Antioksidan Enzimlerine Etkileri, 2017 - 2018

UÇKAN F., Project Supported by Higher Education Institutions, GALLERİA MELLONELALA'DA HPLC YÖNTEMİ KULLANILARAK DNA METİLASYON SEVİYESİNİN BELİRLENMESİ, 2016 - 2017

UÇKAN F., TUBITAK Project, Juglonun Büyük Bal Mumu Güvesi Galleria mellonella L. Lepidoptera Pyralidae Üzerindeki Ekofizyolojik ve Ekotoksikolojik Etkileri, 2015 - 2017

UÇKAN F., Project Supported by Higher Education Institutions, İndol-3-Asetik Asit Konak Galleria mellonella L. ve Endoparazitoidi Pimpla turionellae L.?nin Hemolitik ve Fenoloksidaz Aktivitesi ve Antioksidan Enzimlerine Etkileri, 2014 - 2016

UÇKAN F., Project Supported by Higher Education Institutions, Konağa Verilen İndol-3-asetik asitin Konak Galleria mellonella L. (Lepidoptera: Pyralidae) ve Parazitoid Pimpla turionellae L. (Hymenoptera: Ichneumonidae) Biyolojisi ve Hemositlerine Etkisi, 2012 - 2014

Metrics

Publication: 92

Citation (WoS): 590

Citation (Scopus): 577

H-Index (WoS): 16

H-Index (Scopus): 16

Non Academic Experience

Balıkesir Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü

Milli Eğitim Bakanlığı