

Personal Information

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Education Information

Doctorate, Ege University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2010 - 2015

Post Graduate, Ege Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 2008 - 2010

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 2003 - 2008

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Course, Deneysel Hayvanı Kullanımı Sertifika Kursu, Dokuz Eylül Üniversitesi, 2016

Dissertations

Doctorate, Salamandra infraimmaculata (Salamandridae, Urodela) Ve Hyla savignyi (Hylidae, Anura) Türlerinde Deri Bezlerinin Histolojik Yapısının İncelenmesi, Ege Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2015

Post Graduate, Natrix tessellata'nın zehir bezinin histolojik olarak incelenmesi, Ege Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2010

Research Areas

Life Sciences, Animal Biology, Animal Cytology and Histology, Natural Sciences

Academic Titles / Tasks

Research Assistant, Ege Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2011 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Histological and Histochemical Aspects of the Digestive Tract of Lyciasalamandra billae arikani Gocmen & Akman 2012 (Urodela: Salamandridae)**
AKAT E., Gocmen B.
ACTA ZOOLOGICA BULGARICA, vol.71, pp.525-529, 2019 (Journal Indexed in SCI)
- **Histological and histochemical study on the mesonephric kidney of Pelophylax bedriagae (Anura: Ranidae)**
AKAT E.
TURKISH JOURNAL OF ZOOLOGY, vol.43, pp.224-228, 2019 (Journal Indexed in SCI)
- **A Histological Study on Liver of Near Eastern Fire Salamander, Salamandra infraimmaculata Martens,**

1885 (Urodela: Salamandridae)

AKAT E., ARIKAN H.

ACTA ZOOLOGICA BULGARICA, vol.69, pp.317-321, 2017 (Journal Indexed in SCI)

- **Light microscopy investigation of the immune system cells of *hirudo medicinalis linnaeus*, 1758**
Atalayın I., Akat E., Ankan H., Uyanıkgil Y.
Journal of Advanced Zoology, vol.38, pp.7-13, 2017 (Journal Indexed in SCI Expanded)
- **A Histological Study on Venom Apparatus of *Montivipera xanthina* (Gray, 1849) (Serpentes, Viperidae)**
KILIC D. C. , AKAT E., ARIKAN H.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.59, 2016 (Journal Indexed in SCI)
- **A HISTOLOGICAL STUDY ON HEPATIC STRUCTURE OF *Lyciasalamandra arikani* (URODELA: SALAMANDRIDAE)**
AKAT E., Gocmen B.
RUSSIAN JOURNAL OF HERPETOLOGY, vol.21, pp.201-204, 2014 (Journal Indexed in SCI)
- **Investigation of dorsal/ventral skin and the parotoid region of *Lyciasalamandra billae* and *Lyciasalamandra luschani basoglu* (Urodela: Salamandridae)**
AKAT E., ARIKAN H., Gocmen B.
BIOLOGIA, vol.69, pp.389-394, 2014 (Journal Indexed in SCI)
- **Histochemical and biometric study of the gastrointestinal system of *Hyla orientalis* (Bedriaga, 1890) (Anura, Hylidae)**
Akat E., Arikani H., Gocmen B.
EUROPEAN JOURNAL OF HISTOCHEMISTRY, vol.58, pp.291-295, 2014 (Journal Indexed in SCI)
- **Some histomorphological and histochemical characteristics of the digestive tract of the snake-eyed lizard, *Ophisops elegans Menetries*, 1832 (Squamata: Lacertidae)**
ÇAKICI Ö., AKAT E.
NORTH-WESTERN JOURNAL OF ZOOLOGY, vol.9, pp.257-263, 2013 (Journal Indexed in SCI)
- **MORPHOLOGY AND BIOMETRIC STUDY OF SKIN OF *Hyla orientalis* BEDRIAGA, 1890 (ANURA, HYLIDAE)**
AKAT E., ARIKAN H.
RUSSIAN JOURNAL OF HERPETOLOGY, vol.20, pp.253-258, 2013 (Journal Indexed in SCI)
- **Propanil-induced Histopathological Changes in the Liver and Kidney of Mice**
ÇAKICI Ö., AKAT E.
ANALYTICAL AND QUANTITATIVE CYTOLOGY AND HISTOLOGY, vol.35, pp.163-170, 2013 (Journal Indexed in SCI)
- **Effects of Oral Exposure to Diazinon on Mice Liver and Kidney Tissues Biometric Analyses of Histopathologic Changes**
ÇAKICI Ö., AKAT E.
ANALYTICAL AND QUANTITATIVE CYTOLOGY AND HISTOLOGY, vol.35, pp.7-16, 2013 (Journal Indexed in SCI)
- **Histopathological Effects of Carbaryl on Digestive System of Snake-eyed Lizard, *Ophisops elegans***
ÇAKICI Ö., AKAT E.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.88, pp.685-690, 2012 (Journal Indexed in SCI)
- **Histopathological effects of carbaryl on testes of snake-eyed lizard, *Ophisops elegans***
ÇAKICI Ö., AKAT E.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.19, pp.64-71, 2012 (Journal Indexed in SCI)
- **Histochemical and Histological Investigations on Duvernoy's Gland in *Natrix tessellata* (Squamata: Colubridae)**
AKAT E., ÇAKICI Ö., DİNÇASLAN Y. E. , ARIKAN H.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.17, pp.285-289, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Investigation of hemocytes in larvae of *Lucilia sericata* (Diptera: Calliphoridae)**
Akat E.

Biharean Biologist, vol.14, pp.5-9, 2020 (Refereed Journals of Other Institutions)

- **Histochemical examinations on integument of four anurans: Bufo bufo, Bufotes variabilis (Bufonidae), Pelophylax bedriagae (Ranidae), Hyla savignyi (Hylidae) from Turkey.**

MUTLU H. S. , KUMAŞ M., AKAT E., YENMİŞ M., ÇİÇEK K., AYAZ D.

Biharean Biologist, vol.13, pp.28-31, 2019 (Refereed Journals of Other Institutions)

- **A Histological Study on the Skin of Hyla savignyi (Anura: Hylidae)**

AKAT E.

Kommagene Biyoloji Dergisi, vol.2, pp.35-37, 2018 (National Refreed University Journal)

- **Histological characteristics of the pancreas and spleen of Pelophylax bedriagae (Anura: Ranidae)**

AKAT E.

Biharean Biologist, vol.12, pp.102-105, 2018 (Refereed Journals of Other Institutions)

- **Histological and Histochemical Study on Stomach of Salamandra infraimmaculata (Amphibia: Urodela)**

AKAT E.

Celal Bayar University Journal of Science, vol.14, pp.13-16, 2018 (National Refreed University Journal)

- **Toxic Effect of Fenamiphos on the Earthworm Eisenia fetida Annelida Oligochaeta**

AKAT E., ARMAN S.

Hacettepe Journal of Biology and Chemistry, vol.44, pp.133-137, 2016 (Refereed Journals of Other Institutions)

- **An Investigation on Some Toxic Effects of Carbofuran on Daphnia magna Crustacea Cladocera**

ARMAN S., AKAT E., İŞİSAĞ ÜÇÜNCÜ S.

/ Hacettepe J. Biol. Chem., vol.44, pp.155-160, 2016 (Refereed Journals of Other Institutions)

- **A histological study of the eye in Hyla orientalis (Bedriaga, 1890) (Anura, Hylidae)**

AKAT E., ARIKAN H.

Biharean Biologist, vol.7, pp.61-63, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **Water Balance In Amphibians: The Role of Hyaluronic Acid in Skin and Kidney of Frog**

AKAT E.

INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 June 2018, pp.580

- **A Histological Study on Heart of Pelophylax bedriagae (Anura: Ranidae)**

AKAT E.

INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 June 2018, pp.1070

- **Histomorphological Study Of The Kidney In Pelophylax bedriagae (Anura: Ranidae)**

AKAT E.

2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 October 2017, pp.564

- **Histological Study on Spleen and Pancreas of Pelophylax Bedriagae**

AKAT E.

XIII. Uluslararası Katılımlı Ekoloji ve Çevre Kongresi, Edirne, Turkey, 12 September 2017, pp.200

- **Comparative Eberth-Katschenko Layer Histomorphology of Four Anurans (Bufo bufo, Bufotes variabilis, Pelophylax bedriagae, Hyla savignyi)**

MUTLU H. S. , KUMAŞ M., AKAT E., YENMİŞ M., ÇİÇEK K., AYAZ D.

XIII. Congress of Ecology and Environment With International Participation, Edirne, Turkey, 12 - 15 September 2017

- **Salamandra infraimmaculata urodela salamandridae karaciğeri üzerine histokimyasal bir çalışma**

AKAT E., ARIKAN H.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016

- **Salamandra infraimmaculata (Salamandridae, Urodela) Ve Hyla savignyi (Hylidae, Anura) Türlerinin Derisi Üzerine Histokimyasal Bir Çalışma**

AKAT E., ARIKAN H.

23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 05 September 2016, pp.210

- **Montivipera xanthina'nın Zehir Aygıtı Üzerine Histolojik Bir Çalışma**

KILIC D. C. , AKAT E., ARIKAN H.

12. Ulusal Ekoloji ve Çevre Kongresi, Muğla, Turkey, 14 September 2015, pp.269

- **Salamandra infraimmaculata'nın (Salamandridae, Urodela) Karaciğer Histolojisi**
AKAT E., ARIKAN H.
12. Ulusal Ekoloji ve Çevre Kongresi, Muğla, Turkey, 14 September 2015, pp.267
- **Salamandra infraimmaculata ve Hyla savignyi Deri Histolojisi**
AKAT E., ARIKAN H.
12. Ulusal Ekoloji ve Çevre Kongresi, Muğla, Turkey, 14 September 2015, pp.268
- **Carbofuran in Daphnia magna Crustacea Cladocera Üzerindeki Toksik Etkilerinin Araştırılması**
ARMAN S., AKAT E., İŞİSAĞ ÜÇÜNCÜ S.
Ekoloji 2015 Sempozyumu, Sinop, Turkey, 6 - 09 May 2015
- **Carbofuran'ın Daphnia magna (Crustacea, Cladocera) Üzerindeki Bazı Toksik Etkilerinin Araştırılması**
ARMAN S., AKAT E., İŞİSAĞ ÜÇÜNCÜ S.
6. Ekoloji Sempozyumu, Sinop, Turkey, 06 May 2015, pp.366
- **Fenamiphos'un Eisenia fetida (Annelida, Oligochaeta) Üzerine Histopatolojik Etkileri**
AKAT E., ARMAN S.
6. Ekoloji Sempozyumu, Sinop, Turkey, 06 May 2015, pp.351
- **A Histological Study of Dorsal/Ventral Skin and the Parotoid Region of Lyciasalamandra billae (Franzen & Klewen, 1987) and Lyciasalamandra luschani basoglu (Baran & Atatür, 1980) (Urodela: Salamandridae)**
AKAT E., ARIKAN H., GÖÇMEN B.
1. Ulusal Zooloji Kongresi, Nevşehir, Turkey, 28 August 2013, pp.97
- **Statistical Evaluations of Histochemical and Histological Characteristics of the Digestive System of the Snake-eyed Lizard, Ophisops elegans**
ÇAKICI Ö., AKAT E.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 03 September 2012, pp.962-963

Scientific Refereeing

ANNALES DE LIMNOLOGIE-INTERNATIONAL JOURNAL OF LIMNOLOGY, Journal Indexed in SCIE, March 2020
 ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, February 2020
 ANATOMIA HISTOLOGIA EMBRYOLOGIA, Journal Indexed in SCIE, November 2019
 CANADIAN JOURNAL OF ZOOLOGY-REVUE CANADIENNE DE ZOOLOGIE, SCI Journal, June 2019
 SOUTH AMERICAN JOURNAL OF HERPETOLOGY, SCI Journal, April 2018
 Biharean Biologist, Other Indexed Journal, October 2017
 The Anatomical Record, SCI Journal, May 2017
 Anatomia Histologia Embryologia, SCI Journal, June 2016
 Anatomia Histologia Embryologia, SCI Journal, May 2016
 European Journal of Histochemistry, SCI Journal, April 2015
 Microbial Pathogenesis, SCI Journal, February 2015

Invited Congress and Symposium Activities

INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Attendee, Kastamonu, Turkey, 2018
 2nd International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2017
 1st International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2016
 XIII. Uluslararası Katılımlı Ekoloji ve Çevre Kongresi, Attendee, Edirne, Turkey, 2016
 23. Ulusal Biyoloji Kongresi, Attendee, Gaziantep, Turkey, 2016
 XII. ULUSAL EKOLOJİ VE ÇEVRE KONGRESİ, Attendee, Muğla, Turkey, 2015
 6. Ekoloji Sempozyumu, Attendee, Sinop, Turkey, 2015
 1. Ulusal Zooloji Kongresi, Attendee, Nevşehir, Turkey, 2013
 21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012

Citations

Total Citations (WOS):50

h-index (WOS):5

Scholarships

TÜBİTAK-BİDEB-2211, TÜBİTAK, 2011 - Continues