

## Asst. Prof. KALENDER ARIKAN

### Personal Information

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### International Researcher IDs

ScholarID: bFumm0YAAAAJ

ORCID: 0000-0002-9862-9629

Publons / Web Of Science ResearcherID: AAY-9745-2020

ScopusID: 56533909300

Yoksis Researcher ID: 104261

### Education Information

Doctorate, Hacettepe University, Orta Öğretim Fen Ve Matematik Alanlar Eğitimi, Turkey 2014 - 2020

Postgraduate, Hacettepe University, Eğitim Bilimleri, Orta Öğretim Fen Ve Matematik Alanlar Eğitimi, Turkey 2012 - 2014

Undergraduate, Hacettepe University, Eğitim Fakültesi, Ofma - Biyoloji Eğitimi Anabilim Dalı, Turkey 2005 - 2011

### Foreign Languages

German, B2 Upper Intermediate

English, B2 Upper Intermediate

### Research Areas

Social Sciences and Humanities, Education, Teacher Training For Secondary School, Teacher Training in Science and Math. at Second. Sch. Lev., Life Sciences, Environmental Biology, Animal Ecology, Animal Biology, Animal Geography, Animal Reproduction, Natural Sciences

### Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2013 - Continues

### Academic and Administrative Experience

Hacettepe Üniversitesi, Çevre Eğitimi Kuş Araştırma Ve Halkalama Merkezi, 2013 - Continues

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

1. Effects of persistent organic pollutants on telomere dynamics are sex and age-specific in a wild long-

## **lived bird**

Arikan K.

THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, no.943, 2024 (SCI-Expanded)

- II. **Exploring the levels of persistent organic pollutants in umbilical cord blood and their connection to gestational age and birth weights in Şanlıurfa, Turkey**  
YALÇIN S., Gunes B., ARIKAN K., Balcik O., Kara O., YALÇIN S.  
BMC PREGNANCY AND CHILDBIRTH, no.1, 2024 (SCI-Expanded)
- III. **A comparison of indoor and outdoor biology education: What is the effect on student knowledge, attitudes, and retention?**  
ARIKAN K.  
JOURNAL OF BIOLOGICAL EDUCATION, vol.57, no.4, pp.727-745, 2023 (SCI-Expanded)
- IV. **Organochlorine pesticide residues in feathers of four bird species from western part of Turkey**  
ARIKAN K., TURAN S. L.  
TURKISH JOURNAL OF ZOOLOGY, vol.44, no.5, pp.401-407, 2020 (SCI-Expanded)
- V. **Evaluation of some Synthetic Pyrethroids and Piperonyl Butoxide Combinations against Turkish House Fly (*Musca domestica* L.) Populations**  
ÇETİN H., Kocak O., Oz E., KOÇ S., Polat Y., ARIKAN K.  
PAKISTAN JOURNAL OF ZOOLOGY, vol.51, no.2, pp.703-707, 2019 (SCI-Expanded)
- VI. **The association between reproductive success with persistent organochlorine pollutants residue in feathers of spur-winged lapwing (*Vanellus spinosus* L.)**  
ARIKAN K., Ozkan L., Arikan Z. Y., TURAN S. L.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, no.26, pp.26423-26432, 2018 (SCI-Expanded)
- VII. **Persistent Organochlorine Contaminant Residues in Tissues of Hedgehogs from Turkey**  
ARIKAN K., Arikan Z. Y., TURAN S. L.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.100, no.3, pp.361-368, 2018 (SCI-Expanded)
- VIII. **ESTIMATION OF BIRD FATALITIES CAUSED BY WIND TURBINES IN TURKEY**  
ARIKAN K., TURAN S. L.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.11, pp.6543-6550, 2017 (SCI-Expanded)
- IX. **The Evaluation of Secondary School Biology Curriculum in Terms of Wildlife Components**  
ARIKAN K., TURAN S. L.  
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.30, no.4, pp.52-66, 2015 (SSCI)
- X. **The nest-site characteristics of the forest population of common blackbird (*Turdus merula*) in Eskisehir, Turkey**  
Karakaya M., ARIKAN K.  
TURKISH JOURNAL OF ZOOLOGY, vol.39, no.2, pp.295-299, 2015 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **The Forest Concept in the Secondary School Biology Education Curriculum**  
Arikan K.  
Düzce Üniversitesi Orman Fakültesi Ormancılık Dergisi, vol.19, no.1, pp.269-282, 2023 (Peer-Reviewed Journal)
- II. **An Evaluation of One Day Science Activities at a Natural History Museum**  
EVREN-YAPICIOĞLU A., ARIKAN K., AKBULUT A.  
Kuramsal Eğitim Bilim Dergisi, vol.14, no.4, pp.524-547, 2021 (Peer-Reviewed Journal)
- III. **The Effect of Birdwatching Activities on Systematics Terms Learning in Biology Courses**  
ARIKAN K., TURAN S. L.  
Turkish Online Journal Of Educational Technology, pp.262-268, 2017 (Scopus)

**IV. ELEKTRO MANYETİK ALANIN KUSLAR ÜZERİNE ETKİLERİ VE TÜRKİYE**

ARIKAN K., TURAN S. L.

Tabiat ve İnsan, 2015 (Peer-Reviewed Journal)

**V. The evaluation of secondary school biology curriculum in terms of wildlife components, Ortaöğretim biyoloji Öğretimi programının yaban hayatı bileşenleri açısından değerlendirilmesi**

Arikan K., Turan S.

HACETTEPE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.30, pp.52-66, 2015 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. A Research on the Level of Organochlorine Pesticides Residue at Some Birds and Mammals Tissues in Turkey**  
ARIKAN K., YAŞAR ARIKAN Z., TURAN S. L.  
International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017
- II. A Case Study The Comparison of POPs Level in Feather of an Aerial Bird Species (Apus melba) From Turkey and Switzerland**  
ARIKAN K., MEIER C., YAŞAR ARIKAN Z., TURAN S. L.  
European Ornithological Union Conference, Turku, Finland, 18 - 22 August 2017
- III. The Effect of Birdwatching Activities on Systematic Terms Learning in Biology Courses**  
ARIKAN K., TURAN S. L.  
International Conference on New Horizons in Education, Berlin, Germany, 17 - 19 July 2017, vol.12, pp.643-655
- IV. The Nesting Ecology of Common Blackbird in Central Anatolia**  
ARIKAN K., KARAKAYA M., TURAN S. L.  
5th international Eurasian Ornithology Congress, Çanakkale, Turkey, 10 - 13 May 2016
- V. Migration Ecology of Lesser Spotted Eagle Clanga pomarina Over Hatay Belen Pass Between 2008 2014**  
ARIKAN K., TURAN S. L.  
10th Conference of the European Ornithologists' Union, Barcelona, Spain, 24 - 28 August 2015
- VI. Migration through the Hatay Belen pass area of Turkey**  
ARIKAN K., TURAN S. L.  
Migrant Landbird Study Group Satellite Symposium, Badajoz, Spain, 24 - 25 August 2015
- VII. Ortaöğretim Dokuzuncu Sınıf Biyoloji Ders Kitaplarında Sistematik Düzeylerin Kullanımı**  
ARIKAN K., TURAN S. L.  
Öğretmen Yetiştirme Politikaları ve Sorunları, Baku, Azerbaijan, 30 April - 02 May 2015

## **Supported Projects**

Arıkan K., Yalçın S. S., TUBİTAK Project, Metabolomic changes in infants with orofacial clefts and some environmental pollutants levels in the infant-parent triad: a case-control study., 2024 - 2026

ARIKAN K., TURAN S. L., Project Supported by Higher Education Institutions, Türkiyedeki Ebabiller Hakkında Her Şey, 2016 - 2017

ARIKAN K., Project Supported by Higher Education Institutions, Küçük Orman Kartalının (Clanga pomarina) Hatay Belen Geçidindeki Göç Ekolojisi 2008 - 2014, 2015 - 2016

## **Metrics**

Publication: 22

Citation (WoS): 8

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 1