

Assoc. Prof. ELİF YILDIRIM CAYNAK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: P-2570-2019

ScopusID: 55778916500

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Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Zooloji (Dr), Turkey 2009 - 2014

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Zooloji (YI) (Tezli), Turkey 2006 - 2008

Undergraduate, Ege University, Faculty Of Science, Biyoloji Bölümü, Turkey 2001 - 2006

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Kranial ossifikasyonun gelişim süreçlerinin *Bufotes variabilis* (Anura:Bufonidae)'te yaş iskelet ve histolojik yöntemlerle incelenmesi ve yakın türlerle karşılaştırılması, Ege University, Fen Bilimleri Enstitüsü, Zooloji (Dr), 2014

Postgraduate, *Bufo viridis* bacağındaki iskelet elemanlarının kemikleşme süreçleri ve gelişiminin incelenmesi, Ege University, Fen Bilimleri Enstitüsü, Zooloji (YI) (Tezli), 2008

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Dokuz Eylül University, Fen Fakültesi, Biyoloji Bölümü, 2016 - Continues

Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylül University, 2021 - Continues

Deputy Director of the Center, Dokuz Eylül University, 2021 - 2023

University Executive Board Member, Dokuz Eylül University, 2019 - 2022

Jury Memberships

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, July, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, May, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Helminth Parasites of *Anatololacerta anatolica* (Werner, 1902) from Western Provinces (Aydın, Bursa, Çanakkale, İzmir) of Türkiye**
Sümer N., Yıldırımhan H. S., Bursey C. R., Birlik S., Kumlutaş Y., Ilgaz Ç., Candan K., Yıldırım Caynak E.
COMPARATIVE PARASITOLOGY, vol.90, no.1, pp.45-52, 2023 (SCI-Expanded)
- II. **Molecular data confirm the presence of the Southern Crested Newt *Triturus karelinii* (Strauch, 1870) in Anatolia**
Candan K., Ilgaz Ç., Kumlutaş Y., Yıldırım Caynak E., Gül S.
ZOOLOGY IN THE MIDDLE EAST, vol.69, no.1, pp.13-18, 2023 (SCI-Expanded)
- III. **Skeletal description of *Pelophylax caralitanus* (Anura: Ranidae): Comparison with other ranids**
YILDIRIM CAYNAK E., ILGAZ Ç., KUMLUTAŞ Y., CANDAN K., Najafimajd E., BAŞKALE E., KAYA U.
ANATOMICAL RECORD-ADVANCES IN INTEGRATIVE ANATOMY AND EVOLUTIONARY BIOLOGY, vol.306, no.2, pp.378-385, 2023 (SCI-Expanded)
- IV. **Revising the taxonomy of *Darevskia valentini* (Boettger, 1892) and *Darevskia rudis* (Bedriaga, 1886) (Squamata, Lacertidae): a Morpho-Phylogenetic integrated study in a complex Anatolian scenario**
Arribas O., CANDAN K., Kornilios P., AYAZ D., KUMLUTAŞ Y., GÜL S., Yılmaz C., YILDIRIM CAYNAK E., ILGAZ Ç.
ZOOTAXA, vol.5224, no.1, pp.1-68, 2022 (SCI-Expanded)
- V. **Ecological niche differentiation in the Anatolian rock lizards (Genus: *Anatololacerta*) (Reptilia: Lacertidae) of the Anatolian Peninsula and Aegean Islands**
Sahin M. K., CANDAN K., Karakasi D., Lymberakis P., Poulakakis N., KUMLUTAŞ Y., Yildirim E., ILGAZ Ç.
ACTA HERPETOLOGICA, vol.17, no.2, pp.165-175, 2022 (SCI-Expanded)
- VI. **A new cryptic species of the *Darevskia parvula* group from NE Anatolia (Squamata, Lacertidae)**
Arribas O., CANDAN K., Kurnaz M., KUMLUTAŞ Y., YILDIRIM CAYNAK E., ILGAZ Ç.
ORGANISMS DIVERSITY & EVOLUTION, vol.22, no.2, pp.475-490, 2022 (SCI-Expanded)
- VII. **Cryptic genetic structure within Valentin's Lizard, *Darevskia valentini* (Boettger, 1892) (Squamata, Lacertidae), with implications for systematics and origins of parthenogenesis**
CANDAN K., Kornilios P., AYAZ D., KUMLUTAŞ Y., GÜL S., YILDIRIM CAYNAK E., ILGAZ Ç.
SYSTEMATICS AND BIODIVERSITY, vol.19, no.7, pp.665-681, 2021 (SCI-Expanded)
- VIII. **Ecological niche divergence contributes species differentiation in worm lizards (*Blanussp.*) (Squamata: Amphisbaenia: Blanidae) in Mediterranean part of Anatolian peninsula and the Levantine region**
Sahin M. K., Candan K., Yıldırım Caynak E., Kumlutaş Y., Ilgaz Ç.
BIOLOGIA, vol.76, no.2, pp.525-532, 2021 (SCI-Expanded)
- IX. **Helminth Parasites of the Mediterranean Chameleon *Chamaeleo chamaeleon* (Linnaeus, 1758) (Reptilia: Chamaeleonidae) from Turkey**
BİRLİK S., YILDIRIMHAN H. S., Yılmaz C., Yildirim E., CANDAN K., Kumlutaş Y., ILGAZ Ç.
ACTA ZOOLOGICA BULGARICA, vol.72, no.3, pp.455-460, 2020 (SCI-Expanded)
- X. **SKELETAL OSTEOLOGY OF THE LACERTID LIZARDS *Phoenicolacerta laevis* (GRAY, 1838) AND *Phoenicolacerta cyanisparsa* (SCHMIDTLER ET BISCHOFF, 1999) (SQUAMATA: LACERTIDAE)**
Yildirim E.
RUSSIAN JOURNAL OF HERPETOLOGY, vol.27, no.4, pp.185-194, 2020 (SCI-Expanded)

- XI. **FOOD COMPOSITION OF THE UNISEXUAL LIZARD, *Darevskia unisexualis* (DAREVSKY, 1966) FROM NORTHEASTERN ANATOLIA, TURKEY**
 Çiçek K., Candan K., Yildirim E., Kumlutaş Y., Ilgaz Ç.
 RUSSIAN JOURNAL OF HERPETOLOGY, vol.27, no.1, pp.59-62, 2020 (SCI-Expanded)
- XII. **Age structure and body size of the endangered species *Darevskia bendimahiensis* (Schmidtler, Eiselt & Darevsky, 1994) from eastern Turkey (Squamata, Sauria, Lacertidae)**
 Yildirim E., KUMLUTAŞ Y., CANDAN K., ILGAZ Ç.
 HERPETOZOA, vol.32, pp.159-163, 2019 (SCI-Expanded)
- XIII. **Chondrocranial differences in *Bufotes variabilis* (Anura: Bufonidae): geometric morphometric comparison with two anuran species**
 YILDIRIM CAYNAK E., KAYA U.
 TURKISH JOURNAL OF ZOOLOGY, vol.41, no.2, pp.241-249, 2017 (SCI-Expanded)
- XIV. **Comparative skeletal osteology of three species of Scincid lizards (Genus: *Ablepharus*) from Turkey**
 YILDIRIM CAYNAK E., KUMLUTAŞ Y., CANDAN K., ILGAZ Ç.
 VERTEBRATE ZOOLOGY, vol.67, no.2, pp.251-259, 2017 (SCI-Expanded)
- XV. **DEVELOPMENT OF THE LIMB SKELETON OF *Bufotes variabilis* (ANURA: BUFONIDAE) AND COMPARISON WITH OTHER BUFONIDS**
 Yildirim E., KAYA U.
 RUSSIAN JOURNAL OF HERPETOLOGY, vol.23, no.3, pp.215-223, 2016 (SCI-Expanded)
- XVI. **Patterns of Cranial Development in Larval *Rana macrocnemis*: Chondrocranial Size and Shape Relationship With *Pelophylax bedriagae* (Anura: Ranidae)**
 Yildirim E., KAYA U.
 ANATOMICAL RECORD-ADVANCES IN INTEGRATIVE ANATOMY AND EVOLUTIONARY BIOLOGY, vol.299, no.6, pp.711-721, 2016 (SCI-Expanded)
- XVII. **Comparative skeletogenesis of the Oriental Tree Frog *Hyla orientalis* (Anura: Hylidae)**
 Yildirim E., KAYA U.
 ZOOLOGISCHER ANZEIGER, vol.253, no.5, pp.361-371, 2014 (SCI-Expanded)
- XVIII. **Population Size and Age Structure of Metamorphic and Pedomorphic Forms of *Ommatotriton ophryticus* (Berthold, 1846) in the Northwestern Black Sea Region of Turkey**
 Baskale E., Yildirim E., Cevik E., KAYA U.
 JOURNAL OF HERPETOLOGY, vol.47, no.2, pp.270-276, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sexual dimorphism in the lacertid lizard *Apathya cappadocica* (Werner, 1902) (Reptilia: Lacertidae) from southeastern Türkiye**
 Candan K., Yildirim Caynak E., Kumlutaş Y., Günister O. S., Ilgaz Ç.
 Communications/ Faculty of Sciences University of Ankara Series C: Biology and Geological Engineering and Geophysical Engineering, vol.32, no.1, pp.14-23, 2023 (Peer-Reviewed Journal)
- II. **Species delimitation analysis to reveal the origin of Turkish *Podarcis siculus siculus* (RafinesqueSchmaltz, 1810) populations**
 Matur F., Candan K., Ilgaz Ç., Tok C. V., Sözen M., Coğal M., Yakın B. Y., Yildirim Caynak E., Kumlutaş Y.
 Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.8, no.2, pp.340-348, 2022 (Peer-Reviewed Journal)
- III. **Age and body size of the Mediterranean Chameleon, *Chamaeleo chamaeleon* (Linnaeus, 1758) (Lacertilia: Chamaeleonidae) specimens collected from Adana, Turkey**
 Yildirim Caynak E., Beşer N., Yılmaz C., Candan K., Kumlutaş Y., Ilgaz Ç., Najafi Majd E.
 Commagene Journal of Biology, vol.6, no.1, pp.80-84, 2022 (Peer-Reviewed Journal)
- IV. **Sexual dimorphism and geographic variation in the bridled skink, *Heremites vittatus* (Oliver, 1804), (Sauria: Scincidae) in Anatolian Peninsula**
 ŞAHİN M. K., YILDIRIM CAYNAK E., KUMLUTAŞ Y., CANDAN K., ILGAZ Ç.

UKRAINIAN JOURNAL OF ECOLOGY, vol.12, no.4, pp.1-7, 2022 (ESCI)

- V. **The Study on the Relationships Between the Age Structure and Body Size of the Bridled Skink, *Heremites vittatus*, (Oliver, 1804) from Different Altitudes in Turkey**
YILDIRIM E., KUMLUTAŞ Y., CANDAN K., ILGAZ Ç.
Journal of the Institute of Science and Technology, vol.11, no.2, pp.906-915, 2021 (Peer-Reviewed Journal)
- VI. **New Locality Record of the Red-Bellied Lizard, *Darevskia parvula* (Lantz & Cyrén, 1913) s.l., from eastern Anatolia, Turkey**
CANDAN K., GÜL S., KUMLUTAŞ Y., YILDIRIM E., ILGAZ Ç.
Journal of the Institute of Science and Technology, vol.10, no.4, pp.2400-2405, 2020 (Peer-Reviewed Journal)
- VII. **Meke Maarı (Konya) civarının herpetofaunası**
CANDAN K., YILDIRIM E., KUMLUTAŞ Y., ÖZENDER Ö., ILGAZ Ç.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.448-459, 2020 (Peer-Reviewed Journal)
- VIII. **Comparative skeletal osteology of *Darevskia parvula* (Lantz Cyren, 1913) and *Darevskia adjarica* (Darevsky Eiselt, 1980) (Squamata: Lacertidae)**
YILDIRIM E., ARRIBAS O., KUMLUTAŞ Y., ILGAZ Ç.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.2, pp.777-790, 2019 (Peer-Reviewed Journal)
- IX. **A Geometric Morphometric Analysis for Ranid Taxonomy: Chondrocranial Shape Variation of Five Ranid Species (Anura: Ranidae)**
YILDIRIM E.
Hacettepe Journal of Biology and Chemistry, vol.4, no.4, pp.559-561, 2018 (Peer-Reviewed Journal)
- X. **A preliminary study of comparative osteology of the scincid lizard *Eumeces schneideri* Daudin 1802 Squamata Scincidae subspecies in Anatolia**
YILDIRIM E., KUMLUTAŞ Y., ILGAZ Ç.
Anadolu Doğa Bilimleri Dergisi, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **COMPARATIVE CRANIAL OSTEOLOGY OF *Anatolacerta anatolica* AND *Anatolacerta pelasgiana***
Türüt S., Yıldırım Caynak E., Candan K., Kumlutaş Y., Ilgaz Ç.
International Congress on Modern Sciences CONGRESS-TAŞKENT ULUSLARARASI MODERN BİLİMSEL ARAŞTIRMALAR KONGRESİ, Toskent, Uzbekistan, 10 - 11 May 2022, pp.1-35
- II. **Legged and Legless Lizards and Their Osteological Differences**
Yıldırım Caynak E., Oğur K., Türüt S., Alaca E., Candan K.
FIRST INTERNATIONAL BILATERAL WORKSHOP ON SCIENCE BETWEEN DOKUZ EYLÜL UNIVERSITY AND AZERBAIJAN NATIONAL ACADEMY OF SCIENCES, İzmir, Turkey, 19 November 2021
- III. **Helminth Composition of the Mediterranean Chameleon, *Chamaeleo chamaeleon* (Linnaeus, 1758) specimens from several localities in Turkey**
BİRLİK S., YILDIRIMHAN H. S., YILMAZ C., KUMLUTAŞ Y., CANDAN K., YILDIRIM E., ILGAZ Ç.
The 4rd International Symposium on EuroAsian Biodiversity, Kiev, Ukraine, 03 July 2018, vol.72, pp.455-460
- IV. **Molecular Phylogeny Of Valentin's Lizard, *Darevskia valentini*, (Boettger, 1892) Reveals New Genetic Lineages And May Suggest Taxonomic Reconstruction**
CANDAN K., KORNILIOS P., YANCHUKOV A., KUMLUTAŞ Y., AYAZ D., TARKHNISHVILI D., MURTSKHVALADZE M., KURDADZE S., BARATELI N., GABELAIA M., et al.
20th European Congress of Herpetology, Milan, Italy, 02 September 2019
- V. **The Helminth Composition of the Mediterranean Chameleon, *Chamaeleo chamaeleon* (Linnaeus, 1758), specimens from several localities in Turkey**
BİRLİK S., YILDIRIMHAN H. S., YILMAZ C., KUMLUTAŞ Y., CANDAN K., YILDIRIM E., ILGAZ Ç.
The 4rd International Symposium on EuroAsian Biodiversity, Kiev, Ukraine, 3 - 06 July 2018
- VI. **Food composition of the Unisexual Lizard, *Darevskia unisexualis* (Darevsky, 1966), (Reptilia: Lacertidae) from Northeastern Anatolia, Turkey**

- CANDAN K., ÇİÇEK K., KUMLUTAŞ Y., YILDIRIM E., ILGAZ Ç.
The 4rd International Symposium on EuroAsian Biodiversity, Kiev, Ukraine, 3 - 06 July 2018
- VII. **Inferring the Molecular Phylogeny of the Valentin's Lizard, *Darevskia valentini*, (Boettger, 1892) from Turkey**
CANDAN K., ILGAZ Ç., AYAZ D., GÜL S., YILDIRIM E., KUMLUTAŞ Y.
The 4rd International Symposium on EuroAsian Biodiversity, Kiev, Ukraine, 3 - 06 July 2018
- VIII. **Inferring the molecular phylogeny of the Valentin's Lizard, *Darevskia valentini*, (Boettger, 1892) from Turkey**
CANDAN K., ILGAZ Ç., AYAZ D., GÜL S., YILDIRIM E., KUMLUTAŞ Y.
4rd International Symposium on EuroAsian Biodiversity, Kiev, Ukraine, 3 - 06 June 2018
- IX. **Herpetofauna of the Meke Saltpan, Karapınar, Konya**
KUMLUTAŞ Y., ILGAZ Ç., YILDIRIM E., CANDAN K.
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017
- X. **Genetic Structure of *Phoenicolacerta laevis* (Gray, 1838) (Squamata: Lacertidae) Based on Mitochondrial Markers**
CANDAN K., YILDIRIM E., ILGAZ Ç., KUMLUTAŞ Y.
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017
- XI. **Endemism of Turkish Amphibian and Reptile Species**
ILGAZ Ç., KUMLUTAŞ Y., CANDAN K., YILDIRIM E.
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017
- XII. **Osteological and geometric morphometric comparison of five species of *Rana* and *Pelophylax* (Anura: Ranidae)**
YILDIRIM E., BAŞKALE E., KUMLUTAŞ Y., ILGAZ Ç., CANDAN K., MAJD E. N., KAYA U.
19th SEH European Congress of Herpetology, Salzburg, Austria, 18 - 23 September 2017
- XIII. **The Relation between Body Size and Egg Volume of Population of *Heremites vittatus* (Olivier, 1804) (Squamata: Scincidae) in Different Elevation in Turkey**
CANDAN K., YILDIRIM E., ILGAZ Ç., KUMLUTAŞ Y.
19th SEH European Congress of Herpetology, Salzburg, Austria, 18 - 23 September 2017
- XIV. **Phylogenetic assessment of the Valentin's Lizard, *Darevskia valentini*, (Boettger, 1892) in Turkey**
CANDAN K., ILGAZ Ç., KUMLUTAŞ Y., AYAZ D., YILDIRIM E.
19th SEH European Congress of Herpetology, Salzburg, Austria, 18 - 23 September 2017
- XV. **Skeletal osteology of the lacertid lizards *Phoenicolacerta laevis* (Gray, 1838) and *Phoenicolacerta cyanisparsa* (Schmidtler and Bischoff, 1999) (Squamata: Lacertidae)**
YILDIRIM E., CANDAN K., KUMLUTAŞ Y., ILGAZ Ç.
19th SEH European Congress of Herpetology, Salzburg, Austria, 18 - 23 September 2017
- XVI. **Osteological and geometric morphometric comparison of five species of *Rana* and *Pelophylax* (Anura: Ranidae).**
YILDIRIM E., BAŞKALE E., KUMLUTAŞ Y., ILGAZ Ç., CANDAN K., NAJAFI MAJD E., KAYA U.
19th European Congress of Herpetology, 18 - 23 September 2017, vol.46, pp.559-567
- XVII. **Altitudinal variation in body size and age structure of the Urmia Lake Newt, *Neurergus crocatus* COPE, 1862 in Iraq**
Najafi Majd E., YILDIRIM E., KAYA U.
19th European Congress of Herpetology, 18 September 2017
- XVIII. **Let's save the amphibians, but how? A case conservation study of *Lyciasalamandra* species.**
YILDIRIM E., Najafi Majd E., GİDİŞ M., Shaffer B., Shaffer B., Bucciarelli G., Bucciarelli G., Wielstra B., Wielstra B., Neal K., et al.
19th European Congress of Herpetology, 18 September - 23 July 2017
- XIX. **Genetic Lineages and Diversification of *Phoenicolacerta laevis* (Gray, 1838) (Squamata: Lacertidae) in Southern Turkey**
CANDAN K., ILGAZ Ç., KUMLUTAŞ Y., Durmuş S. H., Beşer N., YILDIRIM CAYNAK E.
Symposium on EuroAsian Biodiversity, Antalya, Turkey, 23 - 27 May 2016

- XX. **Study of embryonic development of the lemon yellow tree frog *Hyla savignyi* Audouin 1827 in comparison with common tree frog *Hyla arborea* Linnaeus 1758**
Karanlık Ş., najafiMajd E., YILDIRIM E., KAYA U.
18th European Congress of Herpetology, 7 - 12 September 2015
- XXI. ***Rana macrocnemis* Anura Ranidae in larval iskelet gelişimi ve geometrik morfolojik analizi ile bazı amfibi türleriyle karşılaştırılması**
YILDIRIM E., NajafiMaj E., KAYA U.
I. Zooloji Kongresi, Turkey, 28 - 31 August 2013
- XXII. **The studies of correlation between age body size and pattern number and spots in some *Neurergus derjugini* Nesterove 1916 populations from North West of Iran**
NajafiMajd E., YILDIRIM E., KAYA U.
17th European Congress of Herpetology, 22 - 26 August 2013
- XXIII. **Geometric morphometric analysis of cranial variation in paedomorphic and metamorphic forms of the Northern Banded Newt *Ommotriton ophryticus***
YILDIRIM E., NajafiMajd E., KAYA U.
17th European Congress of Herpetology, 22 - 26 August 2013
- XXIV. ***Hyla arborea* Anura Hylidae nin iskelet gelişiminin yaş iskelet ve histolojik yöntemlerle incelenmesi**
YILDIRIM E., NajafiMajd E., KAYA U.
21. Ulusal Biyoloji Kongresi, Turkey, 3 - 07 September 2012
- XXV. **Age structure of paedomorphic forms of the banded newt *Triturus vittatus* Jenyns 1835**
YILDIRIM E., BAŞKALE E., SAYIM ÖZKAN F., Çevik İ. E., KAYA U.
15th European Congress of Herpetology, 28 September - 02 October 2009
- XXVI. **Tahtalı Baraj Gölü nde bazı amfibi populasyonlarının yapılarının belirlenmesi ve ekolojik parametrelerle olan ilişkisi**
Akkaya T., YILDIRIM E., KAYA U.
VII. Ulusal Ekoloji ve Çevre Kongresi, Turkey, 10 - 12 September 2007

Supported Projects

- KUMLUTAŞ Y., ILGAZ Ç., CANDAN K., YILDIRIM CAYNAK E., HASTÜRK E. B., Project Supported by Higher Education Institutions, *Heremites auratus* Linnaeus 1758 türünde embriyogenez süresince kafatası kemiklerinin ossifikasyonunun incelenmesi ve diğer türlerle karşılaştırması, 2022 - 2024
- ILGAZ Ç., Yürdem R., KUMLUTAŞ Y., CANDAN K., YILDIRIM CAYNAK E., Project Supported by Higher Education Institutions, Farklı morfotipe sahip kertenkele türlerinde kafatası kemiklerinin beslenme davranışları ve kranial hareket üzerine etkileri, 2022 - 2024
- YILDIRIM CAYNAK E., CANDAN K., ILGAZ Ç., KUMLUTAŞ Y., OĞUR K., Project Supported by Higher Education Institutions, Bacaksız kertenkele grubu *Blanus* türlerinin vücut planı osteolojisi ve geometrik morfolojik karşılaştırması, 2022 - 2023
- Ilgaz Ç., Kumlutaş Y., Yıldırım Caynak E., Candan K., Birlik S., Project Supported by Higher Education Institutions, Farklı bölgelerde ve yüksekliklerde yaşayan *Darevskia valentini* (Boettger, 1892) (Squamata: Lacertidae) populasyonlarında bazı büyüme parametrelerinin belirlenmesi, 2019 - 2020
- Candan K., Yıldırım Caynak E., Project Supported by Higher Education Institutions, *Chamaeleo chamaeleon* (Linnaeus, 1758) türünün Adana populasyonunda iskeletkronolojisi yöntemi ile yaş kompozisyonunun araştırılması, 2018 - 2019
- Candan K., Kumlutaş Y., Yıldırım Caynak E., Ilgaz Ç., Gül S., Project Supported by Higher Education Institutions, *Darevskia valentini* (Boettger, 1892) türünün Türkiye populasyonlarının taksonomik durumunun morfolojik ve moleküler yöntemlere göre değerlendirilmesi, 2017 - 2019
- Candan K., Ilgaz Ç., Kumlutaş Y., Yıldırım Caynak E., Yıldırımhan H. S., Gökler İ., Birlik S., Project Supported by Higher Education Institutions, Türkiye'de Yayılış Gösteren *Chamaeleo chamaeleon* (Linnaeus, 1758) Türünün Gastrointestinal Helminth Faunasının Araştırılması, 2017 - 2018
- YILDIRIM CAYNAK E., Other International Funding Programs, Distribution, population status and conservation of the

Critically Endangered *Lyciasalamandra billae* species, 2017 - 2018

YILDIRIM CAYNAK E., Project Supported by Higher Education Institutions, Farklı yüksekliklerde bulunan *Heremites vittatus* (Oliver, 1804) populusyonlarına ait bireylerin yaş yapısı ve vücut büyüklükleri arasındaki ilişkinin incelenmesi, 2017 - 2018

Metrics

Publication: 61

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