

## Prof. Burak Kaptaner



### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Zooloji, Turkey 2004 - 2008

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Zooloji, Turkey 2001 - 2004

Undergraduate, Atatürk University, Fen Edebiyat Fakültesi, Biyoloji, Turkey 1996 - 2000

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Su Ürünlerinde Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Atatürk Üniversitesi, 2008

Education Management and Planning, Hücre Füzyonu Yöntemi ile Monoklonal Antikor Üretimi Uygulamalı Eğitim Kursu, TÜBİTAK Gen Mühendisliği ve Biyoteknoloji Araştırma Enstitüsü, 2005

Education Management and Planning, Pedagoji Sertifikası, Atatürk Üniversitesi Fen Edebiyat Fakültesi Felsefe Bölümü, 2000

Education Management and Planning, İlköğretim Sınıf Öğretmenliği Sertifikası, Atatürk Üniversitesi Kazım Karabekir Eğitim Fakültesi, 2000

### Dissertations

Doctorate, 17alfa-Etinilestradiol ve Nonilfenole Maruz Bırakılan İnci Kefalinde (Chalcalburnus tarichi Pallas, 1811) Toksikiteye Bağlı Bazı Değişimlerin Araştırılması, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Zooloji, 2008

Postgraduate, İnci Kefalinde (Chalcalburnus tarichi Pallas, 1811) Ovulasyondan Sonra Ovaryum Folikül Hücrelerinde Apoptozun Gösterilmesi, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Zooloji, 2004

## Research Areas

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

## Academic Titles / Tasks

Professor, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2023 - Continues  
Associate Professor, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2017 - 2023  
Assistant Professor, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2010 - 2017  
Research Assistant PhD, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2008 - 2010  
Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2004 - 2008

## Academic and Administrative Experience

Dean, Van Yüzüncü Yil University, Su Ürünleri Fakültesi, 2024 - Continues  
Faculty Board Member, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2023 - Continues  
Faculty Management Board Member, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2023 - Continues  
Academic Performance D. Board Member, Van Yüzüncü Yil University, Fen Fakültesi, 2019 - Continues  
Adaptation/Exemption Committee Member, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2022 - 2024  
Member of Department Quality Commission, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2021 - 2024  
Fakülte Yönetim Kurulu Üyesi, Van Yüzüncü Yil University, Fen Fakültesi, 2019 - 2022

## Courses

Embriyoloji, Undergraduate, 2018 - 2019  
Sitoloji, Undergraduate, 2017 - 2018  
Hayvan Histolojisi, Undergraduate, 2017 - 2018  
Endokrinoloji, Undergraduate, 2012 - 2013

## Advising Theses

Kaptaner B., Investigation of the Toxic Effects of Bisphenol S on the Adrenal Gland in Male Rats, Postgraduate, S.ÖZCAN(Student), 2024  
Kaptaner B., FORMALDEHİT'İN GÖKKUŞAĞI ALABALIĞI (Oncorhynchus mykiss)'NDAN İZOLE EDİLEN HEPATOSİTLER ÜZERİNDEKİ SİTOTOKSİK ETKİLERİNİN ARAŞTIRILMASI, Postgraduate, F.YILDIZ(Student), 2023  
Kaptaner B., Doğan A., BİSFENOL S'NİN ERKEK RATLARDA TİROİD BEZİ ÜZERİNDEKİ TOKSİK ETKİLERİNİN ARAŞTIRILMASI, Postgraduate, M.BOSTANCI(Student), 2022  
Kaptaner B., Doğan A., BİSFENOL F'NİN ERKEK RATLARDA PANKREAS ÜZERİNDEKİ TOKSİK ETKİLERİNİN ARAŞTIRILMASI, Postgraduate, E.DOĞAN(Student), 2022  
Doğan A., Kaptaner B., STREPTOZOTOSİN İLE DİYABET OLUŞTURULAN SIÇANLARDA GÖKBAŞ (Cyanus depressus) BİTKİ ÇİÇEĞİ EKSTRAKTININ ANTİDİYABETİK VE ANTİOKSİDAN ETKİLERİNİN ARAŞTIRILMASI, Postgraduate, K.ERDEM(Student), 2021  
Kaptaner B., BİSFENOL F'YE MARUZ BIRAKILAN GÖKKUŞAĞI ALABALIĞI (ONCORHYNCHUS MYKISS) HEPATOSİTLERİNDE ANTİOKSİDAN SİSTEM İNDİKATÖRLERİNİN ARAŞTIRILMASI, Postgraduate, H.AYKUT(Student),

2020

Kaptaner B., İnci Kefali (Alburnus tarichi Guldenstädt, 1814)'nin Özafagus ve Bağırsağında Apoptoz ve Hücre Proliferasyonunun Üreme Göçü Sırasında Araştırılması, Postgraduate, S.Ceylan(Student), 2018

Kaptaner B., Bisfenol A'ya Maruz Bırakılan İnci Kefali(Chalcalburnus tarichi Pallas, 1811)'nin Primer HepatositlerindeOksidatif Stresin Araştırılması, Postgraduate, Ö.KAYA(Student), 2015

## Jury Memberships

Post Graduate, Nurgül TAŞKIN'ın yüksek lisans tez savuma sınavı, Fen Bilimleri Enstitüsü, July, 2018

Post Graduate, Songül HASAR'ın yüksek lisans tez savunma sınavı, Fen Bilimleri Enstitüsü, August, 2017

Doctorate, Bedia BATI'nin doktora tez savuma sınavı, Fen Bilimleri Enstitüsü, August, 2013

Doctorate, Elçin YENİDÜNYA'nın doktora tez savuma sınavı, Fen Bilimleri Enstitüsü, October, 2011

Doctorate, Bayram YURT'un doktora tez savuma sınavı, Fen Bilimleri Enstitüsü, July, 2010

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

- I. **Histopathological and Biochemical Alterations in the Adrenal Gland of Male Rats Exposed to Bisphenol F**  
Kaptaner B., Doğan A., Yılmaz C., Aykut H., Doğan E., Babat C., Dönmez F.  
Biology Bulletin, vol.51, no.4, pp.873-882, 2024 (SCI-Expanded)
- II. **Thyroid-disrupting effects of bisphenol S in male Wistar albino rats: Histopathological lesions, follicle cell proliferation and apoptosis, and biochemical changes**  
Bostancı M., Kaptaner B., Doğan A.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.40, no.11, pp.559-580, 2024 (SCI-Expanded)
- III. **EXPLORING THE AMELIORATIVE EFFECTS OF HYPERICUM SCABRUM L. ON A SURGICALLY-INDUCED ENDOMETRIOSIS RAT MODEL AND ITS PHYTOCHEMICAL LC-MS/MS- PROFILE**  
İlhan M., Kaptaner B., Battal A., Doğan A., Dönmez F., Yılmaz M. A., Eroğlu H.  
FARMACIA, vol.71, no.4, pp.710-721, 2023 (SCI-Expanded)
- IV. **Effects of emodin and metformin on biochemical, histological and oxidative stress parameters in streptozotocin-induced diabetic rats**  
Bati B., Yıldırım S., Çelik İ., Kaptaner B., Huyut Z., Yenilmez A., Bolat İ., Zirek A. K., Demir A.  
JOURNAL OF ELEMENTOLOGY, vol.2, no.2023, pp.319-335, 2023 (SCI-Expanded)
- V. **Ameliorative role of Cyanus depressus (M.Bieb.) Soják plant extract against diabetes-associated oxidative-stress-induced liver, kidney, and pancreas damage in rats**  
Duman K. E., Doğan A., Kaptaner B.  
JOURNAL OF FOOD BIOCHEMISTRY, vol.00, no.e14314, 2022 (SCI-Expanded)
- VI. **Histochemical changes, cellular dynamics and antioxidant responses in the corpuscles of Stannius of the female Lake Van fish (Alburnus tarichi Guldenstädt, 1814) (Cyprinidae) during migration from highly alkaline and brackish water to freshwater**  
Kaptaner B., Doğan A., Aykut H., Yıldız F., Dönmez F., Doğan E.  
Aquaculture Research, vol.53, pp.2959-2969, 2022 (SCI-Expanded)
- VII. **Bisphenol S leads to cytotoxicity-induced antioxidant responses and oxidative stress in isolated rainbow trout (Oncorhynchus mykiss) hepatocytes**  
Kaptaner B., Yılmaz C., Aykut H., Doğan E., Fidan C., Bostancı M., Yıldız F.  
Molecular Biology Reports, vol.48, no.12, pp.7657-7666, 2021 (SCI-Expanded)
- VIII. **Histology of some major immune system organs in Lake Van fish Alburnus tarichi (Guldenstädt, 1814) (Cyprinidae)**  
Kaptaner B., Aykut H., Doğan E., Bostancı M.  
Anatomia Histologia Embryologia, vol.50, no.5, pp.770-780, 2021 (SCI-Expanded)

- IX. In vitro effects of bisphenol F on antioxidant system indicators in the isolated hepatocytes of rainbow trout (*Oncorhynchus mykiss*)**  
Aykut H., Kaptaner B.  
Molecular Biology Reports, vol.48, pp.2591-2599, 2021 (SCI-Expanded)
- X. Histology of corpuscles of Stannius in Lake Van fish (*Alburnus tarichi* *Güldenstädt, 1814*) (*Cyprinidae*)**  
Kaptaner B., Ünal G., Doğan E., Aykut H.  
Anatomia Histologia Embryologia, vol.50, no.2, pp.404-410, 2021 (SCI-Expanded)
- XI. Antioxidant Responses in the Cytotoxicity of Isolated Rainbow Trout (*Oncorhynchus mykiss*) Hepatocytes Induced by Di(2-Ethylhexyl) Phthalate**  
Ceylan Kaptaner G., Bati B., Kaptaner B.  
Fresenius Environmental Bulletin, vol.29, no.6, pp.4364-4371, 2020 (SCI-Expanded)
- XII. A Histological and Histochemical Study on the Gallbladder of the *Alburnus tarichi* (*Güldenstädt, 1814*) (*Cyprinidae*)**  
Kaptaner B., Aykut H., Doğan E.  
International Journal Of Morphology, vol.38, no.4, pp.869-875, 2020 (SCI-Expanded)
- XIII. Apoptosis and cell proliferation in the epithelia of the esophagus and intestine of *Alburnus tarichi* *Güldenstädt, 1814* (*Cyprinidae*) during migration from highly alkaline and brackish water to fresh water**  
Ceylan S., Kaptaner B.  
Italian Journal Of Zoology, vol.86, pp.103-112, 2019 (SCI-Expanded)
- XIV. Immunohistochemical distribution of insulin-, glucagon- and somatostatin-containing cells in the pancreas of Lake Van fish (*Alburnus tarichi* *Güldenstadt, 1814*) (*Cyprinidae*)**  
Kaptaner B.  
EUROPEAN JOURNAL OF HISTOCHEMISTRY, vol.63, no.1, pp.37-46, 2019 (SCI-Expanded)
- XV. Variations in the lipid peroxidation and antioxidant biomarkers in some tissues of anadromous cyprinid fish during migration**  
Kaptaner B., Doğan A.  
CELLULAR AND MOLECULAR BIOLOGY, vol.65, no.3, pp.58-65, 2019 (SCI-Expanded)
- XVI. Histological Organization of Thyroid and Interrenal Glands of the Pearl Mullet, *Alburnus tarichi* (*Cypriniformes: Cyprinidae*) from Lake Van Basin of Turkey**  
Kaptaner B.  
SAINS MALAYSIANA, vol.46, no.8, pp.1163-1169, 2017 (SCI-Expanded)
- XVII. ERYTHROCYTE FRAGILITY IN PEARL MULLET (*ALBURNUS TARICHI* *GULDENSTADT, 1814*) DURING MIGRATION FROM HIGHLY ALKALINE WATER TO FRESHWATER**  
Arihan O., Kaptaner B., Kankaya E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.3, pp.2325-2329, 2017 (SCI-Expanded)
- XVIII. ANTIOXIDANT DEFENSE SYSTEM PARAMETERS IN ISOLATED FISH HEPATOCYTES EXPOSED TO BISPHENOL A - EFFECT OF VITAMIN C**  
KAYA O., Kaptaner B.  
ACTA BIOLOGICA HUNGARICA, vol.67, no.3, pp.225-235, 2016 (SCI-Expanded)
- XIX. Alterations in histology and antioxidant defense system in the testes of the lake Van fish (*Alburnus tarichi* *Güldenstadt, 1814*)**  
Kaptaner B., Kankaya E., Doğan A., Durmuş A.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.188, no.8, 2016 (SCI-Expanded)
- XX. Cytotoxic effects of 4-octylphenol on fish hepatocytes**  
Kaptaner B.  
CYTOTECHNOLOGY, vol.68, no.4, pp.1577-1583, 2016 (SCI-Expanded)
- XXI. CASPASE-3 ACTIVATION IN CYTOTOXICITY OF ISOLATED RAINBOW TROUT (*ONCORHYNCHUS MYKISS*) HEPATOCYTES INDUCED BY BISPHENOL A**  
Kaptaner B., Kankaya E.

- FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.4, pp.1167-1174, 2016 (SCI-Expanded)
- XXII. **Relation between increased oxidative stress and histological abnormalities in the ovaries of *Alburnus tarichi* in Lake Van, Turkey**  
Kaptaner B.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.187, no.11, 2015 (SCI-Expanded)
- XXIII. **Determination of plasma vitellogenin levels and localization of vitellogenin in liver in Lake Van pearl mullet (*Chalcalburnus tarichi* Pallas, 1811)**  
Oğuz A. R., Ünal G., Kaptaner B.  
Iranian Journal Of Fisheries Sciences, vol.14, no.3, pp.546-554, 2015 (SCI-Expanded)
- XXIV. **Vitellogenin in the Male Lake Van Fish (*Chalcalburnus tarichi* Pallas, 1811)**  
Oğuz A. R., Kaptaner B., Unal G.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.94, no.2, pp.188-192, 2015 (SCI-Expanded)
- XXV. **TOXICITY OF BISPHENOL A DURING THE EARLY LIFE STAGES OF CHALCALBURNUS TARICHI (PALLAS, 1811)**  
Kankaya E., Kaptaner B., Doğan A., Çelik İ.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, pp.977-985, 2015 (SCI-Expanded)
- XXVI. **Analysis of germ cell proliferation, apoptosis, and androgenesis in the Lake Van fish (*Chalcalburnus tarichi*) during testicular development**  
Kaptaner B., Kankaya E.  
FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.39, no.6, pp.1665-1679, 2013 (SCI-Expanded)
- XXVII. **Effects of 17 $\alpha$ -ethynylestradiol and nonylphenol on liver and gonadal apoptosis and histopathology in *Chalcalburnus tarichi***  
Kaptaner B., Ünal G.  
Environmental Toxicology, vol.26, no.6, pp.610-622, 2011 (SCI-Expanded)
- XXVIII. **EFFECTS OF 17 alpha-ETHYNYLESTRADIOL ON HEPATOSOMATIC INDEX, PLASMA VITELLOGENIN LEVELS AND LIVER GLUTATHIONE-S-TRANSFERASE ACTIVITY IN LAKE VAN FISH (*Chalcalburnus tarichi* Pallas, 1811)**  
Kaptaner B., Kankaya E., Unal G.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.18, no.12, pp.2366-2372, 2009 (SCI-Expanded)
- XXIX. **Determination of hormones inducing oocyte maturation in *Chalcalburnus tarichi* (Pallas, 1811)**  
ÜNAL G., Erdoğan E., Oğuz A. R., Kaptaner B., Kankaya E., ELP M.  
FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.34, no.4, pp.447-454, 2008 (SCI-Expanded)
- XXX. **Gonadal histology and some biochemical characteristics of *Chalcalburnus tarichi* (Pallas, 1811) having abnormal gonads**  
UNAL G., Turkoglu V., OGUZ A. R., KAPTANER B.  
FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.33, no.2, pp.153-165, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Toxic Effects of Bisphenol F on Rat Pancreas**  
Doğan E., Kaptaner B., Doğan A.  
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, no.2, pp.436-451, 2022 (Peer-Reviewed Journal)
- II. **Effects of Intermediate Concentrations of 17 $\alpha$ -Ethinylestradiol and 4-nNonylphenol on Apoptosis in Primary Hepatocytes of *Chalcalburnus tarichi* (Pallas, 1811) (Cyprinidae)**  
Kaptaner B., Ünal G.  
Journal of Natural & Applied Sciences of East, vol.4, no.1, pp.8-18, 2021 (Peer-Reviewed Journal)
- III. **Protective Effects of Lyophilized Ethanolic Extract of *Achillea arabica* Kotschy. on the Islet  $\beta$  Cells of Streptozotocin-Induced Diabetic Rats**  
Hanalp H. C., Kaptaner B., Doğan A.

Journal Of Agriculture and Nature, vol.24, no.4, pp.689-700, 2021 (Peer-Reviewed Journal)

- IV. **Alterations in the Immunohistochemical Staining of Cytochrome P4501A in the Hepatocytes of Chalcalburnus tarichi (Pallas 1811) (Cyprinidae) Exposed to 17 $\alpha$ -Ethinylestradiol and 4-n-Nonylphenol**  
Kaptaner B., Ünal G.  
Journal of Natural & Applied Sciences of East, vol.3, no.2, pp.83-94, 2020 (Peer-Reviewed Journal)
- V. **Di-(2-ethylhexyl)-phthalate\2019e Maruz Kalan Alburnus tarichi (Güldenstädt, 1814) Erken Larvalarında Östrojen Reseptör ve P450 Aromataz mRNA Seviyeleri**  
ÜNAL G., KANKAYA E., KAPTANER B., OĞUZ A. R., Callard I. P.  
Adnan Menderes Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, vol.4, no.2, pp.107-115, 2020 (Peer-Reviewed Journal)
- VI. **Levels of Aromatase and Estrogen Receptors mRNA in Early Larvae of Alburnus tarichi (Güldenstädt, 1814) Exposed to Di-(2-ethylhexyl)-phthalate**  
Ünal G., Kankaya E., Kaptaner B., Oğuz A. R., Callard I. P.  
Journal of Adnan Menderes University Health Sciences Faculty, vol.4, no.2, pp.107-115, 2020 (Peer-Reviewed Journal)
- VII. **Sublethal toxicity of formaldehyde in common carp (Cyprinus carpio L., 1758) Formaldehitin subletal konsantrasyonlarının sazan (Cyprinus carpio L., 1758) balığı üzerindeki toksik etkileri**  
Kankaya E., Kaptaner B.  
Yuzuncu Yil University Journal of Agricultural Sciences, vol.27, no.3, pp.406-415, 2017 (Scopus)
- VIII. **Alterations in the Hematological Parameters of Rainbow Trout (Oncorhynchus mykiss) Injected with Nonylphenol.**  
Kankaya E., Kaptaner B.  
Ege Journal of Fisheries and Aquatic Sciences, vol.33, no.2, pp.139-142, 2016 (Peer-Reviewed Journal)
- IX. **Histopathology and oxidative stress in the liver of Chalcalburnus tarichi living in Lake Van, Turkey**  
Kaptaner B., Kankaya E., Doğan A., Çelik İ.  
Life Science Journal Acta Zhengzhou University Overseas Edition, vol.11, no.8, pp.66-77, 2014 (Scopus)
- X. **Increased apoptosis in the liver of Chalcalburnus tarichi exposed to sublethal concentrations of methyl parathion**  
Kankaya E., Kaptaner B.  
Journal of Applied Biological Sciences, vol.8, no.1, pp.45-48, 2014 (Scopus)
- XI. **Apoptosis in Postovulatory Follicles of Chalcalburnus tarichi Pallas, 1811**  
Kaptaner B., UNAL G.  
Ege J Fish Aqua Sci, vol.23, pp.263-267, 2006 (Peer-Reviewed Journal)

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

- I. **Evaluation Of The Effects Of Emodin On Brain Tissue In Diabetic Rats**  
Bati B., Çelik İ., Kaptaner B., Yenilmez A., Yıldırım S., Demir A.  
2. INTERNATIONAL DİCLE SCIENTIFIC STUDIES AND INNOVATION CONGRESS, Diyarbakır, Turkey, 28 - 29 May 2022, pp.136
- II. **A Histological and Histochemical Study on the Gallbladder of the Lake Van Fish (Alburnus tarichi Guldenstadt,1814)**  
Kaptaner B., Aykut H., Doğan E.  
5th International Conference on Engineering and Natural Sciences (ISPEC), Van, Turkey, 20 - 22 December 2019, pp.151-152
- III. **Partly Regeneration / Repairing Impact of Lyophilized Ethanolic Extract of Achillea arabica Kotschy. in the Islets of Langerhans Against Streptozotocin-induced Diabetic Rats**  
Kaptaner B., Doğan A., Hanalp H. C.  
2nd International Conference on Food Agriculture and Animal Sciences, Antalya, Turkey, 8 - 11 November 2019,

pp.50

- IV. **Dİ(2-ETİLHEKZİL) FİTALAT'IN GÖKKUŞAĞI ALABALIĞI (Oncorhynchus mykiss) PRİMER HEPATOSİTLERİ ÜZERİNDEKİ SİTOTOKSİK ETKİLERİNİN BELİRLENMESİ**  
CEYLAN KAPTANER G., Bati B., Kaptaner B.  
Karadeniz 2. Uluslararası Uygulamalı Bilimler Kongresi, Rize, Turkey, 23 - 25 August 2019, pp.34
- V. **An Immunohistochemical Study of the Endocrine Cells in the Pancreas of Lake Van Fish (Alburnus tarichi Guldenstädt, 1814)**  
Kaptaner B.  
IV. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Erzurum, Turkey, 7 - 09 December 2018, pp.103
- VI. **Apoptosis and Cell Proliferation in the Esophageal and Intestinal Epithelia of Lake Van Fish (Alburnus tarichi Guldenstädt, 1814) during Anadromous Migration**  
Ceylan S., Kaptaner B.  
IV. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Erzurum, Turkey, 7 - 09 December 2018, pp.104
- VII. **Status of the tissue antioxidant system in Alburnus tarichi during anadromous migration**  
Kaptaner B., Doğan A.  
International Conference of Food, Agriculture and Animal Sciences, Antalya, Turkey, 3 - 07 October 2018, pp.110
- VIII. **Sublethal Toxicity of Formaldehyde in Common Carp (Cyprinus carpio L., 1758).**  
Kankaya E., Kaptaner B.  
The Eurasian Agriculture and Natural Sciences Congress, Bişkek, Kyrgyzstan, 20 - 23 September 2017, pp.83
- IX. **Erythrocyte Fragility in Chalcalburnus tarichi Pallas, 1811 during migration.**  
Arihan O., Kaptaner B., Kankaya E.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.954
- X. **Cytotoxic Effects of Bisphenol A on Fish Hepatocytes**  
KAPTANER B., KANKAYA E., ÖZKOL H., TÜLÜCE Y.  
International Conference on Biological Sciences (ICBS), 21 - 23 October 2016
- XI. **Structural organization of thyroid and interrenal glands in Chalcalburnus tarichi.**  
Kaptaner B.  
International Conference on Biological Sciences (ICBS), Konya, Turkey, 21 - 23 October 2016, pp.85
- XII. **Histopathology and oxidative stress in the liver of Chalcalburnus tarichi living in Lake Van, Turkey**  
Kaptaner B., Doğan A., Kankaya E., Çelik İ.  
International Environmental Sciences Symposium of Van (IESSV), Van, Turkey, 4 - 07 June 2014, pp.209
- XIII. **Toxicity of Bisphenol A on Early Life Stages of The Chalcalburnus tarichi (Pallas, 1811).**  
Kankaya E., Kaptaner B.  
ICOEST Side, 2nd International Conference on Environmental Science and Technology, Antalya, Turkey, 14 - 17 May 2014, pp.331-332
- XIV. **Investigation of the Causes of Gonadal Abnormalities in the Chalcalburnus tarichi (Pallas, 1811)**  
Ünal G., Marquez E., Feld M., Oğuz A. R., Kaptaner B., Callard P.  
2009 Annual Meeting of the NIEHS Superfund Research Program, New York, United States Of America, 2 - 05 November 2009, pp.1
- XV. **Investigation of the Causes of Gonadal Abnormalities in the Chalcalburnus tarichi**  
Ünal G., Marquez E., Feld M., Oğuz A. R., Kaptaner B., Callard I. P.  
30th Anniversary Celebration of First Estrogens in the Environment Meeting (E. Hormone 2009), New Orleans La, United States Of America, 20 - 24 October 2009, pp.32
- XVI. **İnci Kefali (Chalcalburnus tarichi, Pallas 1811)'nde Vitellogeninin İmmunohistokimyasal Lokalizasyonu ve Vitellogenin Seviyesinin Belirlenmesi**  
Oğuz A. R., Kaptaner B., Ünal G.  
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008, pp.181
- XVII. **İnci Kefali (Chalcalburnus tarichi Pallas, 1811)'nde Oosit Olgunlaşmasını Uyaran Hormonların Belirlenmesi.**  
Ünal G., Erdoğan E., Oğuz A. R., Kaptaner B., Kankaya E., Elp M.

- XIV. Ulusal Su Ürünleri Sempozyumu, Muğla, Turkey, 4 - 07 September 2007, pp.4
- XVIII. **Anormal Gonadlara Sahip İnci Kefali (Chalcalburnus tarichi Palas, 1811)' nde Gonad Histolojisi ve Bazı Biyokimyasal Değerler**  
Ünal G., Türkoğlu V., Oğuz A., Kaptaner B.  
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- XIX. **İnci Kefalinin (Chalcalburnus tarichi Pallas, 1811) Postovulasyon Foliküllerinde Apoptoz**  
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## Supported Projects

- Kaptaner B., YILDIZ F., Project Supported by Higher Education Institutions, Formaldehitin Gökkuşığı Alabalığı (Oncorhynchus mykiss)'ndan İzole Edilen Hepatositler Üzerindeki Sitotoksik Etkilerinin Araştırılması, 2022 - 2023
- Kaptaner B., YILDIZ F., AYKUT H., Doğan A., Dönmez F., Project Supported by Higher Education Institutions, Van Gölü'nün tuzlu ve alkali suyundan tatlı suya göç eden inci kefali (Alburnus tarichi Güldenstadt 1814)'nin Stannius cisimciklerinde histolojik ve biyokimyasal değişimlerin araştırılması, 2021 - 2022
- Kaptaner B., Doğan A., Project Supported by Higher Education Institutions, Bisfenol S'nin erkek ratlarda tiroid bezi üzerindeki toksik etkilerinin araştırılması, 2021 - 2022
- Kaptaner B., Doğan A., Project Supported by Higher Education Institutions, Bisfenol F'nin erkek ratlarda pankreas üzerindeki toksik etkilerinin araştırılması, 2021 - 2022
- İlhan M., Eroğlu H., Kaptaner B., Battal A., Doğan A., Project Supported by Higher Education Institutions, Hypericum scabrum L bitkisinin ratlarda cerrahi olarak oluşturulmuş endometriyoz modeli üzerindeki etkilerinin araştırılması, 2021 - 2022
- Bati B., Çelik İ., Kaptaner B., YILDIRIM S., DEMİR A., Yenilmez A., Project Supported by Higher Education Institutions, Streptozotosin ile Deneysel Diyabet Modeli Oluşturulan Sıçanlarda Emodinin Antidiyabetik Etkisinin Araştırılması, 2020 - 2022
- Doğan A., DUMAN K. E., Kaptaner B., Project Supported by Higher Education Institutions, Streptozotosin ile Diyabet Oluşturulan Sıçanlarda Gökbaş (Cyanus Depressus) Bitki Çiçeği Ekstraktının Antidiyabetik ve Antioksidan Etkilerinin Araştırılması, 2020 - 2021
- Kaptaner B., AYKUT H., Project Supported by Higher Education Institutions, Bisfenol F'ye maruz bırakılan gökkuşığı alabalığı (Oncorhynchus mykiss) hepatositlerinde antioksidan sistem indikatörlerinin araştırılması, 2020 - 2021
- Kaptaner B., Project Supported by Higher Education Institutions, Streptozotosin ile diyabet oluşturulan ratların pankreas Langerhans adacıklarında Achillea arabica Kotschy etanolik liyofilize ekstraktının rejeneratif ve koruyucu etkisinin araştırılması, 2019 - 2020
- Kaptaner B., Project Supported by Higher Education Institutions, İnci kefali (Alburnus tarichi Güldenstadt 1814)'nin pankreas esas adacıklarında endokrin hücrelerin immunohistokimyasal olarak araştırılması, 2018 - 2018
- Kaptaner B., CEYLAN S., Project Supported by Higher Education Institutions, İnci Kefali (Alburnus tarichi Güldenstat, 1814)'nin Özafagus ve Bağırsağında Apoptoz ve Hücre Proliferasyonunun Üreme Göçü Sırasında Araştırılması, 2018 - 2018
- Kaptaner B., Doğan A., Project Supported by Higher Education Institutions, İnci kefali (Alburnus tarichi Güldenstat 1814)'nin bazı dokularında antioksidan savunma sistemi parametrelerinin üreme göçü sırasında araştırılması, 2018 - 2018
- Kankaya E., Kaptaner B., Project Supported by Higher Education Institutions, Formaldehitin Subletal Konsantrasyonlarının Sazan (Cyprinus carpio L., 1758) Balığı Üzerindeki Toksik Etkileri, 2015 - 2017
- Kaptaner B., Doğan A., Durmuş A., Kankaya E., Project Supported by Higher Education Institutions, Anormal testis histolojisine sahip olan İnci kefali (Chalcalburnus tarichi, Pallas 1811)'nin biyokimyasal özelliklerinin incelenmesi, 2015 - 2016
- Kaptaner B., Project Supported by Higher Education Institutions, Bisfenol A'ya Maruz Bırakılan, İnci Kefali (Chalcalburnus tarichi Pallas, 1811)'nin Primer Hepatositlerinde, Oksidatif Stresin Araştırılması, 2014 - 2015
- Kaptaner B., Tülüce Y., Kankaya E., Özkol H., Project Supported by Higher Education Institutions, Bisfenol A'ya maruz



birakılan gökkuşağı alabalığı (*Oncorhynchus mykiss*)'nın primer hepatositlerinde oksidatif stresin ve kaspaz aktivitesinin araştırılması, 2013 - 2014

Kankaya E., Kaptaner B., Project Supported by Higher Education Institutions, Bisfenol Anın İnci Kefali (*Chalcalburnus tarichi* Pallas, 1811)'nin Erken Hayat Dönemleri Üzerine Toksikitesi ve Östrojenik Etkisi, 2012 - 2013

Kaptaner B., Kankaya E., Oğuz A. R., Project Supported by Higher Education Institutions, Erkek İnci Kefalinde (*Chalcalburnus tarichi* Pallas, 1811) Üreme Siklusunun Farklı Dönemlerinde, Testis Aktivitesindeki Hücresel Değişimlerin ve Bazı Androjen Seviyelerinin Araştırılması, 2010 - 2013

Ünal G., Kaptaner B., Oğuz A. R., Project Supported by Higher Education Institutions, 17-Etinilestradiol ve Nonilfenole Kronik Olarak Maruz Bırakılan İnci Kefali (*Chalcalburnus tarichi*, Palas 1811)'nde Toksideye Bağlı Bazı Değişmelerin Aaştırılması, 2007 - 2009

Ünal G., Oğuz A. R., Kaptaner B., Project Supported by Higher Education Institutions, Doğal ve Çevresel Östrojenlere Maruz Bırakılan İnci Kefali (*Chalcalburnus tarichi*) Hepatosit Kültüründe Viellogenin Sen Belirt, 2006 - 2009

Ünal G., Kaptaner B., Project Supported by Higher Education Institutions, İnci Kefalinde (*Chalcalburnus tarichi*.Pallas.1811)ovul.sonra ovaryum folük.hüc.de apoptozisin(prog.hüc.böl)gös., 2003 - 2004

Ünal G., Kankaya E., Kaptaner B., Oğuz A. R., ELP M., ERDOĞAN E., Project Supported by Higher Education Institutions, İnci Kefalinde (*Chalcalburnus tarichi*.Pallas.1811)osit olgunlaşmasını uyaran hormonlar, 2003 - 2004

## Activities in Scientific Journals

SCIREA Journal of Biology, Committee Member, 2019 - Continues

International Journal of Advanced Scientific Research and Management, Committee Member, 2019 - Continues

Agriculture, Forestry and Fisheries, Committee Member, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

Türk Toksikoloji Derneği, Member, 2016 - Continues

## Scientific Refereeing

TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, Journal Indexed in SCI-E, October 2024

Ege Tıp Dergisi, Other Indexed Journal, September 2024

AQUACULTURE REPORTS, Journal Indexed in SCI-E, August 2024

BIOLOGY BULLETIN, Journal Indexed in SCI-E, August 2024

NATURAL PRODUCT COMMUNICATIONS, Journal Indexed in SCI-E, April 2024

BIOTECHNIC AND HISTOCHEMISTRY, Journal Indexed in SCI-E, January 2024

Veterinary Medicine and Science, Journal Indexed in SCI-E, December 2023

TOXICOLOGY RESEARCH, Journal Indexed in SCI-E, December 2023

CHEMISTRY AND BIODIVERSITY, Journal Indexed in SCI-E, November 2023

PLOS ONE, SCI Journal, August 2023

SCIENTIFIC REPORTS, SCI Journal, August 2023

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, April 2023

OCEANOLOGICAL AND HYDROBIOLOGICAL STUDIES, SCI Journal, April 2023

PLOS ONE, Journal Indexed in SCI-E, September 2022

COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY - PART D: GENOMICS AND PROTEOMICS, SCI Journal, August 2022

JOURNAL OF APPLIED PHARMACEUTICAL SCIENCE, Other Indexed Journal, August 2022

BIOMED RESEARCH INTERNATIONAL, Journal Indexed in SCI-E, July 2022

CASPIAN JOURNAL OF ENVIRONMENTAL SCIENCES , Other Indexed Journal, June 2022

SU URUNLERI DERGISI, Journal Indexed in ESCI, June 2022

OCEANOLOGICAL AND HYDROBIOLOGICAL STUDIES, Journal Indexed in SCI-E, April 2022  
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, Journal Indexed in SCI-E, April 2022  
SU URUNLERI DERGISI, Journal Indexed in ESCI, April 2022  
FISH & SHELLFISH IMMUNOLOGY, SCI Journal, September 2021  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, September 2021  
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal, August 2021  
Research International Journal of Energy & Environmental Sciences, Other Indexed Journal, August 2021  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, Journal Indexed in SCI-E, June 2021  
JOURNAL OF FISH BIOLOGY, SCI Journal, May 2021  
UTTAR PRADESH JOURNAL OF ZOOLOGY, Other Indexed Journal, May 2021  
International Aquatic Research, Journal Indexed in ESCI, April 2021  
Uttar Pradesh Journal of Zoology, Other Indexed Journal, December 2020  
International Journal of Secondary Metabolite, Other Indexed Journal, November 2020  
Global Journal of Fisheries and Aquaculture, Other Indexed Journal, November 2020  
UTTAR PRADESH JOURNAL OF ZOOLOGY, Other Indexed Journal, October 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Ege University, Turkey, October 2020  
Journal of Applied Life Sciences International , Other Indexed Journal, September 2020  
Journal of Horticulture Science and Forestry, Other Indexed Journal, August 2020  
PLOS ONE, SCI Journal, June 2020  
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal, June 2020  
Archives of Physiology and Biochemistry, SCI Journal, December 2019  
Journal of Fisheries and Aquaculture Research, Other Indexed Journal, September 2019  
Environmental Toxicology, SCI Journal, September 2019  
International Journal of Pest Management, SCI Journal, September 2019  
Science of the Total Environment, SCI Journal, July 2019  
Ecotoxicology and Environmental Safety, SCI Journal, July 2019  
Net Journal of Agricultural Science, Other Indexed Journal, July 2019  
Indian Journal of Pharmaceutical Education and Research, SCI Journal, March 2019  
Project Supported by Higher Education Institutions, March 2019  
Project Supported by Higher Education Institutions, December 2018  
Journal of Industrial Pollution Effects and Control, National Scientific Refreed Journal, October 2018  
Ecotoxicology and Environmental Safety, SCI Journal, July 2018  
Project Supported by Higher Education Institutions, April 2018  
Environmental Science and Pollution Research, SCI Journal, September 2017  
Toxicological and Environmental Chemistry, SCI Journal, August 2017  
Ecohydrology and Hydrobiology, Other Indexed Journal, May 2017  
AQUACULTURE, Journal Indexed in SCI-E, February 2017  
Archives of Polish Fisheries, Other Indexed Journal, January 2017  
TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, September 2016  
CYTOTECHNOLOGY, SCI Journal, September 2016  
Bitlis Eren University Journal of Science and Technology, Other Indexed Journal, September 2016  
International Scholars Journals, Other journals, August 2016  
Sky Journal of Journal of Biochemistry Research , Other journals, February 2016  
CYTOTECHNOLOGY, Journal Indexed in SCI-E, January 2016  
Issues in Biological Sciences and Pharmaceutical Research, Other Indexed Journal, September 2015  
CYTOTECHNOLOGY, Journal Indexed in SCI-E, August 2015  
FISH PHYSIOLOGY AND BIOCHEMISTRY, Journal Indexed in SCI-E, April 2015  
International Journal of Research in Environmental Studies, Other Indexed Journal, October 2014  
ENVIRONMENTAL TOXICOLOGY, SCI Journal, August 2012  
AFRICAN JOURNAL OF BIOTECHNOLOGY, Journal Indexed in SCI-E, October 2010

## **Tasks In Event Organizations**

Kaptaner B., INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES (ICOFAAS 2021), Scientific Congress, Erzurum, Turkey, Ekim 2021

Kaptaner B., 1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES ATATÜRK UNIVERSITY, ERZURUM, TURKEY, Scientific Congress, Erzurum, Turkey, Eylül 2021

Kaptaner B., INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES (ICOFAAS 2019), Scientific Congress, Antalya, Turkey, Temmuz 2021

## **Metrics**

Publication: 61

Citation (WoS): 193

Citation (Scopus): 257

H-Index (WoS): 8

H-Index (Scopus): 9

## **Congress and Symposium Activities**

5th International Conference on Engineering and Natural Sciences, Attendee, Van, Turkey, 2019

2nd International Conference on Food Agriculture and Animal Sciences, Session Moderator, Antalya, Turkey, 2019

2nd International Conference on Food Agriculture and Animal Sciences, Attendee, Antalya, Turkey, 2019

Karadeniz 2. Uluslararası Uygulamalı Bilimler Kongresi, Attendee, Rize, Turkey, 2019

IV. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Attendee, Erzurum, Turkey, 2018

IV. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Session Moderator, Erzurum, Turkey, 2018

International Conference of Food, Agriculture and Animal Sciences, Attendee, Antalya, Turkey, 2018