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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Glasgow, Science Faculty, Biology, Birleşik Krallık 1978 - 1982

Lisans, Ankara Üniversitesi, Fen Fakültesi, Biyoloji, Türkiye 1974 - 1978

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Studies on the Biology and Habitat of the Benthic Estuarine Amphipod *Corophium volutator* (Pallas)., Glasgow University, Science Faculty, Biology, 1982

Araştırma Alanları

Hidrobiyoloji, Deniz Biyolojisi, Yaşam Bilimleri, Çevre Biyolojisi, Çevre Kirliliği, Ekotoksikoloji, Biyolojik Oşinografi, Limnoloji, Tatlı Su Biyolojisi, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji, 1992 - Devam Ediyor

Akademik İdari Deneyim

Çukurova Üniversitesi, Mersin Üniversitesi, Su Ürünleri Fakültesi, 1996 - 1999

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Effects of Lead on Reproduction Physiology and Liver and Gonad Histology of Male *Cyprinus carpio***
KORKMAZ C., AY Ö., DÖNMEZ A. E., Demirbag B., ERDEM C.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.108, ss.685-693, 2022 (SCI-Expanded)
- Influence of Lead on Reproductive Physiology and Gonad and Liver Histology of Female *Cyprinus carpio***

KORKMAZ C., AY Ö., DÖNMEZ A. E., Demirbag B., ERDEM C.

THALASSAS, cilt.36, sa.2, ss.597-606, 2020 (SCI-Expanded)

- III. **Heavy metal levels in muscle tissues of some fish species caught from north-east Mediterranean: Evaluation of their effects on human health**
KORKMAZ C., AY Ö., Ersoysal Y., Koroglu M. A., ERDEM C.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.81, ss.1-9, 2019 (SCI-Expanded)
- IV. **Heavy Metal Levels in some Edible Crustacean and Mollusk Species Marketed in Mersin**
KORKMAZ C., AY Ö., Colakfakioglu C., ERDEM C.
THALASSAS, cilt.35, sa.1, ss.65-71, 2019 (SCI-Expanded)
- V. **Copper Accumulation in Tissues of Oreochromis niloticus Exposed to Copper Oxide Nanoparticles and Copper Sulphate with Their Effect on Antioxidant Enzyme Activities in Liver**
Tuncsoy M., ERDEM C.
WATER AIR AND SOIL POLLUTION, cilt.229, sa.8, 2018 (SCI-Expanded)
- VI. **Effects of Copper Oxide Nanoparticles on Antioxidant Enzyme Activities and on Tissue Accumulation of Oreochromis niloticus**
Tuncsoy M., DURAN S., Ay O., Cicik B., ERDEM C.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.99, sa.3, ss.360-364, 2017 (SCI-Expanded)
- VII. **Heavy Metal Levels in Muscle Tissues of Solea solea, Mullus barbatus, and Sardina pilchardus Marketed for Consumption in Mersin, Turkey**
Korkmaz C., Ay O., Colakfakioglu C., Cicik B., ERDEM C.
WATER AIR AND SOIL POLLUTION, cilt.228, sa.8, 2017 (SCI-Expanded)
- VIII. **Accumulation of Copper in Gill, Liver, Spleen, Kidney and Muscle Tissues of Clarias gariepinus Exposed to the Metal Singly and in Mixture with Chitosan**
Tuncsoy M., DURAN S., Ay O., Cicik B., ERDEM C.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.97, sa.4, ss.486-489, 2016 (SCI-Expanded)
- IX. **Attributes of trees used by nesting and foraging woodpeckers (Aves: Picidae) in an area with old pollarded Oaks (Quercus spp.) in the Taurus Mountains, Turkey**
Bergner A., Sunnergren A., YESILBUDAK B., ERDEM C., Jansson N.
ZOOLOGY IN THE MIDDLE EAST, cilt.62, sa.4, ss.288-298, 2016 (SCI-Expanded)
- X. **SHORT TERM EFFECTS OF ZINC ON SOME SERA BIOCHEMICAL PARAMETERS AND ON TISSUE ACCUMULATION OF Clarias gariepinus**
Tuncsoy M., DURAN S., YESILBUDAK B., Ay O., Cicik B., ERDEM C.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.25, sa.2, ss.658-664, 2016 (SCI-Expanded)
- XI. **EFFECTS OF COPPER AND LEAD ON SOME HEMATOLOGICAL PARAMETERS OF Oreochromis niloticus**
Ciftci N., Karayakar F., Ay O., Cicik B., ERDEM C.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, sa.9, ss.2771-2775, 2015 (SCI-Expanded)
- XII. **METAL ACCUMULATION IN VARIOUS TISSUES OF Clarias gariepinus EXPOSED TO COPPER, ZINC, CADMIUM AND LEAD SINGLY AND IN MIXTURE**
DURAN S., Tuncsoy M., YESILBUDAK B., Ay O., Cicik B., ERDEM C.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, sa.12C, ss.4738-4742, 2015 (SCI-Expanded)
- XIII. **EFFECTS OF ZINC AND CADMIUM ON CONDITION FACTOR, HEPATOSOMATIC AND GONADOSOMATIC INDEX OF Oreochromis niloticus**
Ciftci N., Ay O., Karayakar F., Cicik B., ERDEM C.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, ss.3871-3874, 2015 (SCI-Expanded)
- XIV. **EFFECTS OF COPPER AND LEAD APPLIED SINGLY AND IN MIXTURE WITH CHITOSAN ON SOME SERA PARAMETERS OF Clarias gariepinus**
Tuncsoy M., DURAN S., Ay O., Cicik B., ERDEM C.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, sa.9A, ss.3029-3034, 2015 (SCI-Expanded)
- XV. **Cadmium Accumulation in Gill, Liver, Kidney and Muscle Tissues of Common Carp, Cyprinus carpio,**

and Nile Tilapia, *Oreochromis niloticus*

YESILBUDAK B., ERDEM C.

BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.92, sa.5, ss.546-550, 2014 (SCI-Expanded)

- XVI. **ACCUMULATION OF COPPER, ZINC AND CADMIUM IN LIVER, GILL AND MUSCLE TISSUES OF OREOCHROMIS NILOTICUS EXPOSED TO THESE METALS SEPARATELY AND IN MIXTURE**
Tuncsoy M., ERDEM C.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.23, sa.5, ss.1143-1149, 2014 (SCI-Expanded)
- XVII. **EFFECTS OF SUBLETHAL CONCENTRATIONS OF COPPER, ZINC AND CADMIUM, APPLIED SINGLY AND IN MIXTURE, ON SOME HEMATOLOGICAL PARAMETERS OF OREOCHROMIS NILOTICUS (L., 1758)**
DURAN S., ERDEM C.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.22, ss.2977-2980, 2013 (SCI-Expanded)
- XVIII. **Accumulation and Effect of Chromium on Protein and Glycogen Levels of Palaemonetes pugio**
Ciftci N., Karaytug S., Karayakar F., Ay O., CiciK B., ERDEM C.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, cilt.11, sa.1, ss.74-77, 2012 (SCI-Expanded)
- XIX. **ACCUMULATION OF CHROMIUM IN HEPATOPANCREAS, GILL AND MUSCLE TISSUES OF *Callinectes sapidus***
Ciftci N., CiciK B., ERDEM C., Ay O., Karayakar F., Karaytug S.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.20, ss.1089-1092, 2011 (SCI-Expanded)
- XX. **Accumulation of Chromium in Liver, Gill and Muscle Tissues of *Oreochromis niloticus***
Ciftci N., CiciK B., ERDEM C., Ay O., Gunalp C.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, cilt.9, sa.14, ss.1958-1960, 2010 (SCI-Expanded)
- XXI. **Accumulation of Copper in Liver, Gill and Muscle Tissues of *Anguilla anguilla* (Linnaeus, 1758)**
Karayakar F., CiciK B., Ciftci N., Karaytug S., ERDEM C., Ozcan A. Y.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, cilt.9, sa.17, ss.2271-2274, 2010 (SCI-Expanded)
- XXII. **Effects of Cadmium on Sera Glucose and Cortisol Levels in *Clarias gariepinus* (Burchell, 1822)**
Karaytug S., Karayakar F., Ciftci N., CiciK B., Ay O., ERDEM C.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, cilt.9, sa.16, ss.2159-2162, 2010 (SCI-Expanded)
- XXIII. **HEAVY METAL LEVELS IN FIVE SPECIES OF FISH CAUGHT FROM MERSIN GULF**
Karayakar F., Karaytug S., CiciK B., ERDEM C., Ay O., Ciftci N.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.19, sa.10, ss.2222-2226, 2010 (SCI-Expanded)
- XXIV. **Seasonal variation in copper, zinc, chromium, lead and cadmium levels in hepatopancreas, gill and muscle tissues of the mussel *Brachidontes pharaonis fischer*, collected along the Mersin coast, Turkey**
KARAYAKAR F., Erdem C., CICIK B.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.79, sa.3, ss.350-355, 2007 (SCI-Expanded)
- XXV. **Accumulation of cadmium in the gill, liver, kidney, spleen, muscle and brain tissues of *Cyprinus carpio***
Karaytug S., ERDEM C., CiciK B.
EKOLOJI, cilt.16, sa.63, ss.16-22, 2007 (SCI-Expanded)
- XXVI. **Effects of copper on hepatosomatic index, gonadosomatic index and condition factor of *Oreochromis niloticus*-(L. 1758)**
Karaytug S., ERDEM C., CiciK B., Ay O.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.16, ss.1355-1358, 2007 (SCI-Expanded)
- XXVII. **Effects of different concentrations of copper alone and a copper plus cadmium mixture on the accumulation of copper in the gill, liver, kidney and muscle tissues of *Oreochromis niloticus* (L.)**
SAGLAMTIMUR B., CICIK B., Erdem C.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, cilt.27, sa.4, ss.813-820, 2003 (SCI-Expanded)
- XXVIII. **Effect of cadmium accumulation on total protein levels in *Tilapia nilotica***
KALAY M., Erdem C.

- TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, cilt.27, sa.6, ss.1367-1374, 2003 (SCI-Expanded)
- XXIX. **THE EFFECT OF MERCURY ON COROPHIUM-VOLUTATOR VIABILITY AND UPTAKE**
MEADOWS P., ERDEM C.
MARINE ENVIRONMENTAL RESEARCH, cilt.6, sa.3, ss.227-233, 1982 (SCI-Expanded)
- XXX. **THE INFLUENCE OF MERCURY ON THE BURROWING BEHAVIOR OF COROPHIUM-VOLUTATOR**
ERDEM C., MEADOWS P.
MARINE BIOLOGY, cilt.56, sa.3, ss.233-237, 1980 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Comparison to Toxic Effects of Copper Oxide Nanoparticles and Copper Sulphate on Some Serum Parameters and Enzyme Activities of Oreochromis niloticus**
TUNÇSOY M., Erdem C.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, cilt.6, sa.4, ss.514-521, 2021 (Hakemli Dergi)
- II. **The Sea in the Middle of Lands**
ERDEM C.
MEDITERRANEAN FISHERIES AND AQUACULTURE RESEARCH, cilt.1, sa.1, ss.31-34, 2018 (Hakemli Dergi)
- III. **Plastics in Marine Environment**
KORKMAZ C., AY Ö., ERDEM C.
International Journal of Oceanography Aquaculture, cilt.2, sa.2, 2018 (Hakemli Dergi)
- IV. **Bioaccumulation of Zinc in Kidney Tissue of Common Carp Cyprinus carpio L 1758**
Yesilbudak B., ERDEM C.
Journal of Selcuk University Natural and Applied Science, ss.19-24, 2013 (Hakemli Dergi)
- V. **EFFECTS OF CHROMIUM ON THE HEMATOCRIT LEVELS AND ERYTHROCYTE NUMBERS OF CYPRINUS CARPIO**
CİCİK B., ÇİFTÇİ N., ERDEM C., AY Ö., Günalp C.
Ecological, 2010 (Hakemli Dergi)
- VI. **Effects of lead concentrations on sera parameters and hematocrit levels in Anguilla anguilla Linnaeus 1758**
ÇİFTÇİ N., CİCİK B., ERDEM C., AY Ö.
JOURNAL OF FISH SCIENCE, 2008 (Hakemli Dergi)
- VII. **Cladocera and Copepoda Crustacea Fauna of atalan Dam Lake Adana Turkey**
Aladağ A. T., ERDEM C., Karaytuğ S.
E.Ü. Su Ürünleri Dergisi, 2006 (Hakemli Dergi)
- VIII. **Clarias gariepinus Burchell 1822 da kadmiyum un solungaç karaciğer böbrek dalak ve kas dokularındaki birikimi ve arıtımı**
ERDEM C., CİCİK B., Karayakar S., KARAYAKAR F., KARAYTUĞ S.
Eğirdir Su Ürünleri Fakültesi Dergisi, 2005 (Hakemli Dergi)
- IX. **Bakır Çinko Etkileşiminde Tilapia nilotica nın karaciğer kas ve solungaç dokularındaki Metal Birikimi**
KARĞIN F., ERDEM C.
Doğa Tr. J. Zool., 1992 (Hakemli Dergi)
- X. **A comparative study on the accumulation of copper in liver spleen stomach intestine gill and muscle tissues of Cyprinus carpio and Tilapia nilotica**
ERDEM C., KARĞIN F.
Biyokimya Dergisi, 1992 (Hakemli Dergi)
- XI. **Accumulation of Copper in Liver,Spleen,Stomach,Intestine,Gill and Muscle Tissues of Cyprinus carpio**
KARGIN F., ERDEM C.
Doğa-Tr. J. of Zoology, cilt.15, ss.306-314, 1991 (Hakemli Dergi)
- XII. **Accumulation of copper in liver spleen stomach intestine gill and muscle of Cyprinus carpio**
KARĞIN F., ERDEM C.

Doga Tr J Zool, 1991 (Hakemli Dergi)

XIII. Accumulation of Copper in Different Tissues and Organs of Tilapia nilotica

KARGIN F., ERDEM C.

Doğa-Tr. J. Of Zoology, cilt.14, ss.173-178, 1990 (Hakemli Dergi)

XIV. Effects of Copper on Tilapia nilotica (L) 1758; Uptake and Mortality

KARGIN F., ERDEM C.

Çukurova Üniversitesi Fen Bilimleri Dergisi, cilt.3, sa.2, ss.53-66, 1989 (Hakemli Dergi)

Kitap & Kitap Bölümleri

I. İçsulara Tuzluluk

YORULMAZ B., ERGÖNÜL M. B., ATASAĞUN S., ERDEM C., GÜNAL A. Ç., FİKİRDEŞİCİ ERGEN Ş., MANGIT F., GÜNER U., KALYONCU H., YERLİ S. V., et al.

LİMNOLÖJİ Göl ve Nehir Ekosistemleri, Doç.Dr. Mehmet Borga ERGÖNÜL, Editör, Nobel Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti, Ankara, ss.169-186, 2017

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Cyprinus carpio'xxda Kurşunun Üreme Fizyolojisine Etkileri

KORKMAZ C., AY Ö., DÖNMEZ A. E., DEMİRBAĞ B., ERDEM C.

International Engineering, Science and Education Conferences (INESEC), 14 - 17 Kasım 2018

II. Accumulation of copper oxide nanoparticles in gill, liver and muscle tissues of Clarias gariepinus

DURAN S., Tuncsoy M., Ay O., Cicik B., ERDEM C.

53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280

III. Effects of copper oxide nanoparticles on antioxidant enzyme activities in liver tissue of Clarias gariepinus

Tuncsoy M., DURAN S., Ay O., Cicik B., ERDEM C.

53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280

IV. Effects of copper oxide nanoparticles on antioxidant enzyme activities in gill and liver tissues of Oreochromis niloticus

Tuncsoy M., Duran S., Ay O., Cicik B., Erdem C.

52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, İspanya, 4 - 07 Eylül 2016, cilt.258

V. Accumulation of copper oxide nanoparticles in gill liver and muscle tissues of Oreochromis niloticus

TUNÇSOY M., DURAN S., GOMES T., SOUSA V., TEIXEIRA M. R., BEBIANNO M. J., ERDEM C.

8th International Nanotoxicology Congress, Boston, Amerika Birleşik Devletleri, 1 - 04 Haziran 2016

VI. Accumulation of copper in gill, liver, spleen, kidney and muscle tissues of Clarias gariepinus exposed to the metal singly and with mixture of chitosan

TUNCSOY M., DURAN S., Ay I., Cicik B., ERDEM C.

51st Congress of the European-Societies-of-Toxicology (EUROTOX), Porto, Portekiz, 13 - 16 Eylül 2015, cilt.238

VII. Effects of copper and lead singly and with mixture of chitosan on some sera parameters of Clarias gariepinus

Tuncsoy M., DURAN S., Ay O., Cicik B., ERDEM C.

50th Congress of the European-Societies-of-Toxicology, Edinburgh, Saint Helena, 7 - 10 Eylül 2014, cilt.229

Desteklenen Projeler

ERDEM C., TUNÇSOY M., Duran S., Yükseköğretim Kurumları Destekli Proje, Titanyum dioksit nanopartikülünün Clarias gariepinusda antioksidan enzim aktiviteleri ve doku birikimi üzerine etkisi, 2017 - 2019

ERDEM C., Duran S., TUNÇSOY M., Yükseköğretim Kurumları Destekli Proje, Bakır oksit nanopartikülünün Clarias gariepinus'da antioksidan enzim aktiviteleri doku birikimi ve bazı serum parametreleri üzerine etkisi, 2016 - 2019

ERDEM C., Yükseköğretim Kurumları Destekli Proje, Effects of copper oxide nanoparticles on antioxidant enzyme activities in liver tissues of Clarias gariepinus, 2017 - 2018

ERDEM C., TUNÇSOY M., Duran S., Yükseköğretim Kurumları Destekli Proje, Bilimsel Yayın teşvik Desteği, 2017 - 2018

ERDEM C., Yükseköğretim Kurumları Destekli Proje, BAKIR OKSİT NANOPARTİKÜLLERİ VE BAKIR SÜLFAT ETKİSİNDE Oreochromis niloticus'un DOKULARINDA SÜREYE BAĞLI BAKIR BİRİKİMİNİN BAZI SERUM PARAMETRELERİ İLE SERUM VE KARACİĞER ENZİM AKTİVİTELERİ ÜZERİNE ETKİLERİ, 2013 - 2018

ERDEM C., Yükseköğretim Kurumları Destekli Proje, ÇİNKO (Zn), KADMİYUM (Cd) VE KARIŞIMLARININ Clarias gariepinus VE Oreochromis niloticus'un DOKULARINDAKİ METAL AKÜMÜLASYONU, ELİMİNASYONU VE BAZI HEMATOLOJİK PARAMETRELER ÜZERİNE ETKİLERİ, 2013 - 2018

ERDEM C., CANLI M., Yükseköğretim Kurumları Destekli Proje, FARKLI KALSİYUM DERİŞİMLERİNDE O. niloticus'un SOLUNGAÇ, BAĞIRSAK VE KAS DOKULARINDAKİ ATPaz AKTİVİTELERİ ÜZERİNE BAZI AĞIR METALLERİN ETKİLERİ, 2013 - 2018

ERDEM C., TUNÇSOY M., Duran S., Yükseköğretim Kurumları Destekli Proje, Bakır oksit nanopartikülünün Oreochromis niloticusta doku birikimi ve antioksidan enzim aktiviteleri üzerine etkisi, 2016 - 2017

ERDEM C., Yükseköğretim Kurumları Destekli Proje, AĞIR METALLERİN Lymnaea stagnalis VE Clarias gariepinus'DA ÇEŞİTLİ FİZYOLOJİK VE BİYOKİMYASAL PARAMETRELER ÜZERİNE ETKİLERİ, 2012 - 2017

ERDEM C., Yükseköğretim Kurumları Destekli Proje, Effects of copper oxide nanoparticles on antioxidant enzyme activities in gill and liver tissues of Oreochromis niloticus, 2016 - 2016

ERDEM C., Yükseköğretim Kurumları Destekli Proje, Bilimsel Yayın Teşvik Desteği, 2016 - 2016

ERDEM C., TUNÇSOY M., Yükseköğretim Kurumları Destekli Proje, Accumulation of copper in gill liver spleen kidney and muscle tissues of Clarias gariepinus exposed to the metal singly and with mixture of chitosan., 2015 - 2016

ERDEM C., Yükseköğretim Kurumları Destekli Proje, Uluslararası Yayınları Özendirme Desteği (3 Adet), 2014 - 2016

Metrikler

Yayın: 52

Atıf (WoS): 181

Atıf (Scopus): 176

H-İndeks (WoS): 8

H-İndeks (Scopus): 7