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### Kişisel Bilgiler

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### Eğitim Bilgileri

Post Doktora, Rutgers, The State University of New Jersey, , , Amerika Birleşik Devletleri 2011 - 2012

Doktora, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, Türkiye 1992 - 1998

Yüksek Lisans, Çukurova Üniversitesi, Fen Bilimleri, Biyoloji, Türkiye 1990 - 1998

Lisans, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji, Türkiye 1986 - 1990

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, 2,4-DİAMİN VE AZİNFOSMETİLİN TİLAPİA NİLOTİCA'DA KARACİĞERDE ANTİOKSİDANT ENZİM AKTİVİTELERİ VE LİPİD PEROKSİDASYONUNA ETKİLERİ, Çukurova Üniversitesi, Fen Bilimleri, Biyoloji, 1998

### Araştırma Alanları

Yaşam Bilimleri, Biyokimya, Biyokimyasal Toksikoloji, Biyoteknoloji, Çevre Biyoteknolojisi, Çevre Biyolojisi, Ekotoksikoloji, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof.Dr., Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji, 2012 - Devam Ediyor

### Mesleki Deneyim

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Effect of Thiamethoxam and lambda Cyhalothrin, Administered Individually and in Mixture on the Endocrine Function and Antioxidant Defense of Gonads of Oreochromis niloticus**  
KOCAMAZ D., ORUÇ E.  
PAKISTAN JOURNAL OF ZOOLOGY, cilt.52, ss.1085-1093, 2020 (SCI İndekslerine Giren Dergi)
- II. **ASSESSMENT OF SYNERGISTIC TOXICITY TWO COMMERCIAL PESTICIDES, THIAMETHOXAM AND LAMBDA-CYHALOTHRIN, ON TOTAL ANTIOXIDANT/OXIDANT STATUS, OXIDATIVE STRESS INDEX**

## **AND SOMATIC INDICES IN DIFFERENT TISSUES OF TILAPIA**

KOCAMAZ D., ORUÇ E.

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- III. **Regulation of arcuate genes by developmental exposures to endocrine-disrupting compounds in female rats**  
ROEPKE T. A. , YANG J. A. , YASREBI A., MAMOUNIS K. J. , Oruc E., ZAMA A. M. , UZUMCU M.  
REPRODUCTIVE TOXICOLOGY, cilt.62, ss.18-26, 2016 (SCI İndekslerine Giren Dergi)
- IV. **Epigenetic Mechanisms in the Actions of Endocrine-disrupting Chemicals: Gonadal Effects and Role in Female Reproduction**  
Uzumcu M., Zama A. M. , ORUÇ E.  
REPRODUCTION IN DOMESTIC ANIMALS, cilt.47, ss.338-347, 2012 (SCI İndekslerine Giren Dergi)
- V. **Oxidative Stress Responses and Recovery Patterns in the Liver of Oreochromis niloticus Exposed to Chlorpyrifos-Ethyl**  
Oruc E.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.88, ss.678-684, 2012 (SCI İndekslerine Giren Dergi)
- VI. **Effects of Diazinon on Antioxidant Defense System and Lipid Peroxidation in the Liver of Cyprinus carpio ( L.)**  
Oruc E.  
ENVIRONMENTAL TOXICOLOGY, cilt.26, ss.571-578, 2011 (SCI İndekslerine Giren Dergi)
- VII. **Oxidative stress, steroid hormone concentrations and acetylcholinesterase activity in Oreochromis niloticus exposed to chlorpyrifos**  
Oruc E.  
PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY, cilt.96, ss.160-166, 2010 (SCI İndekslerine Giren Dergi)
- VIII. **Evaluation of oxidative stress responses and neurotoxicity potential of diazinon in different tissues of Cyprinus carpio**  
Oruc E., Usta D.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, cilt.23, ss.48-55, 2007 (SCI İndekslerine Giren Dergi)
- IX. **Effects of diazinon on acetylcholinesterase activity and lipid peroxidation in the brain of Oreochromis niloticus**  
Uner N., Oruc E., Sevgiler Y., Sahin N., Durmaz H., Usta D.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, cilt.21, ss.241-245, 2006 (SCI İndekslerine Giren Dergi)
- X. **Neurotoxicity evaluation of the organofluorine pesticide etoxazole in the brain of Oreochromis niloticus**  
Uner N., Oruc E., Sevgiler Y.  
DRUG AND CHEMICAL TOXICOLOGY, cilt.29, ss.157-165, 2006 (SCI İndekslerine Giren Dergi)
- XI. **Sublethal effects of organophosphate diazinon on the brain of Cyprinus carpio**  
Oruc E., Uner N., Sevgiler Y., Usta D., Durmaz H.  
DRUG AND CHEMICAL TOXICOLOGY, cilt.29, ss.57-67, 2006 (SCI İndekslerine Giren Dergi)
- XII. **Oxidative stress-related and ATPase effects of etoxazole in different tissues of Oreochromis niloticus**  
Uner N., Oruc E., Sevgiler Y.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, cilt.20, ss.99-106, 2005 (SCI İndekslerine Giren Dergi)
- XIII. **Evaluation of etoxazole toxicity in the liver of Oreochromis niloticus**  
Sevgiler Y., Oruc E., Uner N.  
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- XIV. **Tissue-specific oxidative stress responses in fish exposed to 2,4-D and azinphosmethyl**  
Oruc E., Sevgiler Y., Uner N.  
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, cilt.137, ss.43-51, 2004 (SCI İndekslerine Giren Dergi)
- XV. **Comparison of Na<sup>+</sup>K<sup>+</sup>-ATPase activities and malondialdehyde contents in liver tissue for three fish species exposed to azinphosmethyl**

- Oruc E., Uner N., Tamer L.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.69, ss.271-277, 2002 (SCI İndekslerine Giren Dergi)
- XVI. **Marker enzyme assesment in the liver of Cyprinus carpio (L.) exposed to 2,4-D and azinphosmethyl**  
Oruc E., Uner N.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.16, ss.182-188, 2002 (SCI İndekslerine Giren Dergi)
- XVII. **Effects of cypermethrin on antioxidant enzyme activities and lipid peroxidation in liver and kidney of the freshwater fish, Oreochromis niloticus and Cyprinus carpio (L.)**  
Uner N., Oruc E., Canli M., Sevgiler Y.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.67, ss.657-664, 2001 (SCI İndekslerine Giren Dergi)
- XVIII. **Combined effects of 2,4-D and azinphosmethyl on antioxidant enzymes and lipid peroxidation in liver of Oreochromis niloticus**  
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- XIX. **Effects of 2,4-diamin on some parameters of protein and carbohydrate metabolisms in the serum, muscle and liver of Cyprinus carpio**  
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ENVIRONMENTAL POLLUTION, cilt.105, ss.267-272, 1999 (SCI İndekslerine Giren Dergi)
- XX. **Effects of azinphosmethyl on some biochemical parameters in blood, muscle, and liver tissues of Cyprinus carpio (L.)**  
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### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Adverse effects of roundup, a glyphosate herbicide, on reproductive hormone system and antioxidant enzymes of tilapia, Oreochromis niloticus**  
KOCAMAZ D., Kaya A. B. , ORUÇ E.  
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280
- II. **Hematological and biochemical changes in Cyprinus carpio exposed to sub-lethal concentrations of pyriproxyfen**  
KAYA A. B. , KOCAMAZ D., ORUÇ E.  
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- III. **Hematological and Biochemical Changes in Cyprinus carpio Exposed to Sub-lethal Concentrations of Pyriproxyfen**  
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- IV. **The effects of thiamethoxam and lambda cyhalothrin, individually or in combination, on biomarkers of oxidative stress, neurotoxicity and endocrine disruption of liver of Oreochromis niloticus**  
KOCAMAZ D., Oruç E.  
EUROTOX2016, Seville, İspanya, 4 - 07 Eylül 2016, ss.1

### **Desteklenen Projeler**

ORUÇ E., AB Çerçeve Programları Destekli Proje, Stem cells, 2017 - Devam Ediyor

ORUÇ E., Desteklenmiş Diğer Projeler, Methylation and Demethylation of, 2011 - 2012

## **Atıflar**

Toplam Atıf Sayısı (WOS):999

h-indeksi (WOS):16

## **Burslar**

Araştırma Bursu, Yabancı Ülkelerin Resmi Kurumları, 2012 - Devam Ediyor

Doktora Sonrası Araştırma Bursu, NATO, 2010 - Devam Ediyor