

Prof. ELİF ORUÇ

Personal Information

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Education Information

Post Doctorate, Rutgers, The State University of New Jersey, , , , United States Of America 2011 - 2012

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 1992 - 1998

Post Graduate, Cukurova University, Fen Bilimleri, Biyoloji, Turkey 1990 - 1998

Under Graduate, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey 1986 - 1990

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, 2,4-DİAMİN VE AZİNFOSMETİLİN TİLAPİA NİLOTİCA'DA KARACİĞERDE ANTİOKSİDANT ENZİM AKTİVİTELERİ VE LİPİD PEROKSİDASYONUNA ETKİLERİ, Cukurova University, Fen Bilimleri, Biyoloji, 1998

Research Areas

Life Sciences, Biochemistry, Biochemical Toxicology, Biotechnology, Environmental Biotechnology, Environmental Biology, Ecotoxicology, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, 2012 - Continues

Professional Experience

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 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, vol.52, pp.1085-1093, 2020 (Journal Indexed in SCI)
- 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.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.2312-2319, 2018 (Journal Indexed in SCI)

- 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, vol.62, pp.18-26, 2016 (Journal Indexed in SCI)
- 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, vol.47, pp.338-347, 2012 (Journal Indexed in SCI)
- 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, vol.88, pp.678-684, 2012 (Journal Indexed in SCI)
- VI. **Effects of Diazinon on Antioxidant Defense System and Lipid Peroxidation in the Liver of Cyprinus carpio (L.)**
Oruc E.
ENVIRONMENTAL TOXICOLOGY, vol.26, pp.571-578, 2011 (Journal Indexed in SCI)
- VII. **Oxidative stress, steroid hormone concentrations and acetylcholinesterase activity in Oreochromis niloticus exposed to chlorpyrifos**
Oruc E.
PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY, vol.96, pp.160-166, 2010 (Journal Indexed in SCI)
- 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, vol.23, pp.48-55, 2007 (Journal Indexed in SCI)
- 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, vol.21, pp.241-245, 2006 (Journal Indexed in SCI)
- X. **Neurotoxicity evaluation of the organofluorine pesticide etoxazole in the brain of Oreochromis niloticus**
Uner N., Oruc E., Sevgiler Y.
DRUG AND CHEMICAL TOXICOLOGY, vol.29, pp.157-165, 2006 (Journal Indexed in SCI)
- 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, vol.29, pp.57-67, 2006 (Journal Indexed in SCI)
- 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, vol.20, pp.99-106, 2005 (Journal Indexed in SCI)
- XIII. **Evaluation of etoxazole toxicity in the liver of Oreochromis niloticus**
Sevgiler Y., Oruc E., Uner N.
PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY, vol.78, pp.1-8, 2004 (Journal Indexed in SCI)
- 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, vol.137, pp.43-51, 2004 (Journal Indexed in SCI)
- XV. **Comparison of Na⁺K⁺-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, vol.69, pp.271-277, 2002 (Journal Indexed in SCI)

- 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, vol.16, pp.182-188, 2002 (Journal Indexed in SCI)
- 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, vol.67, pp.657-664, 2001 (Journal Indexed in SCI)
- XVIII. **Combined effects of 2,4-D and azinphosmethyl on antioxidant enzymes and lipid peroxidation in liver of *Oreochromis niloticus***
Oruc E., Uner N.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, vol.127, pp.291-296, 2000 (Journal Indexed in SCI)
- XIX. **Effects of 2,4-diamin on some parameters of protein and carbohydrate metabolisms in the serum, muscle and liver of *Cyprinus carpio***
Oruc E., Uner N.
ENVIRONMENTAL POLLUTION, vol.105, pp.267-272, 1999 (Journal Indexed in SCI)
- XX. **Effects of azinphosmethyl on some biochemical parameters in blood, muscle, and liver tissues of *Cyprinus carpio* (L.)**
Oruc E., Uner N.
PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY, vol.62, pp.65-71, 1998 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- 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, Slovakia, 10 - 13 September 2017, vol.280
- II. **Hematological and biochemical changes in *Cyprinus carpio* exposed to sub-lethal concentrations of pyriproxyfen**
KAYA A. B. , KOCAMAZ D., ORUÇ E.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- III. **Hematological and Biochemical Changes in *Cyprinus carpio* Exposed to Sub-lethal Concentrations of Pyriproxyfen**
KOCAMAZ D., Kaya A. B. , Oruç E.
EUROTOX 2017, Bratislava, Slovakia, 10 - 13 September 2017, pp.1
- 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, Spain, 4 - 07 September 2016, pp.1

Supported Projects

ORUÇ E., EU Framework Program Project, Stem cells, 2017 - Continues

ORUÇ E., Other Supported Projects, Methylation and Demethylation of, 2011 - 2012

Citations

Total Citations (WOS):999

h-index (WOS):16

Scholarships

Arařtırma Bursu, Official Institutions of Foreign Countries, 2012 - Continues

Doktora Sonrası Arařtırma Bursu, NATO, 2010 - Continues