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Personal Information

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Education Information

Doctorate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji, Turkey 2013 - 2018

Postgraduate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji, Turkey 2011 - 2013

Undergraduate, Atatürk Üniversitesi, Ziraat Fakültesi, Gıda Mühendisliği, Turkey 2005 - 2009

Foreign Languages

English, B1 Intermediate

Research Areas

Agricultural Sciences, Agriculture

Courses

Molecular Methods in Animal Breeding, Postgraduate, 2020 - 2021

Agricultural Biotechnology, Undergraduate, 2020 - 2021

Biotechnology in Animal Breeding, Undergraduate, 2020 - 2021

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

- I. **A comparative study on aquatic toxicity of chemically-synthesized and green synthesis silver nanoparticles on daphnia magna**
İÇÖĞLU AKSAKAL F., YILMAZ A., KOÇ K., ÖZDEMİR S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, 2021 (Journal Indexed in SCI)
- II. **Ameliorative effect of umbelliferone in remote organ injury induced by renal ischemia-reperfusion in rats**
İÇÖĞLU AKSAKAL F., KOÇ K., GEYİKOĞLU F., KARAKAYA S.
JOURNAL OF FOOD BIOCHEMISTRY, 2021 (Journal Indexed in SCI)
- III. **Developmental toxicity induced by Cu(OH)(2)nanopesticide in zebrafish embryos**
İçoğlu Aksakal F., Şişman T.
ENVIRONMENTAL TOXICOLOGY, vol.35, no.12, pp.1289-1298, 2020 (Journal Indexed in SCI)
- IV. **Evaluation of boscalid toxicity on Daphnia magna by using antioxidant enzyme activities, the expression of genes related to antioxidant and detoxification systems, and life-history parameters**
İçoğlu Aksakal F.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, vol.237, 2020 (Journal

Indexed in SCI)

- V. **Detoxification and reproductive system-related gene expression following exposure to Cu(OH)(2) nanopesticide in water flea (Daphnia magna Straus 1820)**
Aksakal F., ARSLAN H.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.6, pp.6103-6111, 2020 (Journal Indexed in SCI)
- VI. **Impact of copper oxide nanoparticles (CuO NPs) exposure on embryo development and expression of genes related to the innate immune system of zebrafish (Danio rerio)**
İÇOĞLU AKSAKAL F., ÇILTAŞ A.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, vol.223, pp.78-87, 2019 (Journal Indexed in SCI)
- VII. **A holistic study on potential toxic effects of carboxylated multi-walled carbon nanotubes (MWCNTs-COON) on zebrafish (Danio rerio) embryos/larvae**
İÇOĞLU AKSAKAL F., ÇILTAŞ A., ŞİMŞEK ÖZEK N.
CHEMOSPHERE, vol.225, pp.820-828, 2019 (Journal Indexed in SCI)
- VIII. **Acute and chronic effects of thifluzamide on Daphnia magna**
İÇOĞLU AKSAKAL F.
TURKISH JOURNAL OF ZOOLOGY, vol.43, no.6, pp.554-559, 2019 (Journal Indexed in SCI)
- IX. **Developmental toxicity of penconazole in Zebrafish (Danio rerio) embryos**
İÇOĞLU AKSAKAL F., ÇILTAŞ A.
Chemosphere, vol.200, pp.8-15, 2018 (Journal Indexed in SCI)
- X. **The impact of ultraviolet B (UV-B) radiation in combination with different temperatures in the early life stage of zebrafish (: Danio rerio)**
İÇOĞLU AKSAKAL F., ÇILTAŞ A.
Photochemical and Photobiological Sciences, vol.17, no.1, pp.35-41, 2018 (Journal Indexed in SCI)
- XI. **EFFECT OF DIETARY FISH OIL REPLACEMENT WITH PLANT OILS ON GROWTH PERFORMANCE AND GENE EXPRESSION IN JUVENILE RAINBOW TROUT (ONCORHYNCHUS MYKISS)**
Kutluyer F., Sirkecioglu A. N. , Aksakal E., Aksakal F., TUNC A., GUNAYDIN E.
ANNALS OF ANIMAL SCIENCE, vol.17, no.4, pp.1135-1153, 2017 (Journal Indexed in SCI)
- XII. **Effect of proline on biochemical and molecular mechanisms in lettuce (Lactuca sativa L.) exposed to UV-B radiation.**
AKSAKAL O., TABAY D., ESRINGU A., Icoglu A., ESIM N.
Photochemical & photobiological sciences : Official journal of the European Photochemistry Association and the European Society for Photobiology, vol.16, pp.246-254, 2017 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Real time PCR`da Taqman Prob Yöntemiyle Kantitatif Gen Analizi**
CEYHUN S. B. , AKSAKAL E., KANEKO G., ERDOĞAN O., CEYLAN H., İÇOĞLU AKSAKAL F.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, , Editor, Aktif Yayınevi, pp.127-132, 2011
- II. **Bitki Hücrelerine Gen Aktarım Teknikleri (Agrobacterium Kaynaklı Gen Aktarımı)**
HALİLOĞLU K., ADIGÜZEL A., ORHAN E., ÜNVER Y., İÇOĞLU AKSAKAL F.
in: Uygulamalı Lisansüstü Moleküler Biyoloji Yaz Okulu 4 9 Temmuz 2011 Erzurum, İrfan Küfrevioğlu, Shugo Watabe, Abdulkadir Çiltaş, Orhan Erdoğan, Editor, Aktif Yayınevi, Erzurum, pp.127-131, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Fish Oil Replacement By Vegetable Oils on Growth Performance and Expression of Growth Hormone I in Rainbow Trout (Oncorhynchus mykiss)**

İÇOĞLU AKSAKAL F., ÇILTAŞ A.

ECOLOGY 2017, 11 - 13 May 2017

- II. **Effect of Proline on the Contents of Amino Acids in Lettuce (*Lactuca sativa* L.) Under Ultraviolet B (UV-B)**
TABAY D., AKSAKAL Ö., İÇOĞLU AKSAKAL F.
II. International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017
- III. **Exogenous Selenium Can Enhance Tolerance of Maize Seedlings to UV-B Stress**
AKSAKAL Ö., İÇOĞLU AKSAKAL F., TABAY D.
II. International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017
- IV. **PROTECTIVE ROLE OF HUMIC ACID IN LETTUCE *LACTUCA SATIVA* L SUBJECTED TO UV B RADIATION**
AKSAKAL Ö., İÇOĞLU AKSAKAL F., ESRİNGÜ A.
II. INTERNATIONAL CONFERENCE ON ENVIRONMENTALSCIENCE AND TECHNOLOGY - BELGRADE 2016, Belgrade, Serbia And Montenegro, 28 September - 02 October 2016
- V. **Protective Role of Humic Acid in Lettuce *Lactuca sativa* L Subjected to UV B Radiation**
AKSAKAL Ö., İÇOĞLU AKSAKAL F., ESRİNGÜ A.
II. International Conference on Environmental Science and Technology, 28 September - 02 October 2016
- VI. **Protective role of humic acid in lettuce seedlings subjected to enhanced UV B radiation**
AKSAKAL Ö., İÇOĞLU AKSAKAL F., SADEGEHAN N., ESRİNGÜ A.
International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016
- VII. **Th effect of nitric oxide on g tocopherol methyletransferase gene expression in lettuce seedlings**
AKSAKAL Ö., İÇOĞLU AKSAKAL F., AKAR R.
International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016
- VIII. **Protective Role of Humic Cid in Lettuce *Lactuca sativa* L Seedlings Subject Enhanced UV B Radiation**
AKSAKAL Ö., İÇOĞLU AKSAKAL F., NASTARAN S., ESRİNGÜ A.
ICANAS 2016, Antalya, Turkey, 21 - 23 April 2016

Edit Congress and Symposium Activities

ECOLOGY 2017, Attendee, Kayseri, Turkey, 2017

International Conference on Advances in Natural and Applied Sciences., Attendee, Antalya, Turkey, 2016

18. Ulusal Biyoteknoloji Kongresi., Attendee, Konya, Turkey, 2015

Citations

Total Citations (WOS):82

h-index (WOS):5