

Prof. Abdulkadir BAYIR

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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-2262-2010

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Education Information

Doctorate, Ataturk University, Ziraat Fakültesi, Su Ürünleri Abd, Turkey 2002 - 2005

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Su Ürünleri Abd, Turkey 1999 - 2002

Undergraduate, Ataturk University, Ziraat Fakültesi, Su Ürünleri Bölümü, Turkey 1994 - 1999

Dissertations

Doctorate, Hinis Çayı (Murat havzası)'nda yaşayan siraz balığı (*Capoeta capoeta umbla*)'nın antioksidan enzim aktiviteleri, serum lipidleri, lipoproteinleri ve hematolojik parametrelerinin mevsimsel değişimlerinin incelenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Su Ürünleri Bölümü, 2005

Postgraduate, Canlı (*Gammarus pulex*) ve yaşı (sığır dalağı) yemin gökkuşağı alabalığı (*Oncorhynchus mykiss*) yavrularına belirli aralıklarla verilmesinin glukoz 6 fosfat dehidrogenaz ve karbonik anhidraz enzim aktiviteleri ile büyümeye, yem değerlendirme ve yaşama gücü üzerine etkileri, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Su Ürünleri Abd, 2002

Research Areas

Agricultural Sciences, Seafood, Aquaculture, Life Sciences, Bioinformatics, Biological Information, Biological Databases, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2018 - Continues

Courses

Balık Lipid Nutrigenomiği, Postgraduate, 2020 - 2021

Balık Biyodeneyleri, Undergraduate, 2020 - 2021

BALIK LİPİD NUTRİGENOMİĞİ, Postgraduate, 2019 - 2020

Balık Sistemi, Undergraduate, 2020 - 2021

DENİZ BALIKLARI YETİŞTİRİCİLİĞİ, Undergraduate, 2019 - 2020

Moleküler Biyoloji: Biyoinformatic, Undergraduate, 2020 - 2021

Balık Biyodeneyleri, Undergraduate, 2020 - 2021

BALIK SİSTEMATİĞİ, Undergraduate, 2019 - 2020

BALIK LİPİD NUTRİGENOMİĞİ, Postgraduate, 2019 - 2020

Advising Theses

BAYIR A., Uzun Süreli Açılığın Zebra Balığı (*Danio rerio*) Yağ Asidi Metabolizmasına Moleküler Etkileri, Doctorate, A.Ölmez(Student), 2015

BAYIR A., Nil Tilapyası (*Oreochromis niloticus*)'NDA Aşil Koenzim A Sentezaz 2 Geninin Biyoenformatiği ve Diyete Polihidroksi Bütitrat İlavesinin Büyüme Parametrelerine ve Yaşama Gücüne Etkileri, Postgraduate, H.Salih(Student), 2014

BAYIR A., Alternatif Yağ Kaynakları (Kaz, Koyun Kuyruk ve Siğır İç Yağı)'Nin Yavru Gökkuşağı Alabalıklarında (*Onchorhynchus mykiss*) Büyüme Parametreleri ve Yağ Asidi Profiline Etkileri, Postgraduate, K.Bayraktar(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Fatty acid-binding protein genes in gilthead seabream: molecular cloning and nutritional regulation under low water temperatures
TAŞBOZAN O., ERBAŞ C., BAYIR M., Özdemir E., ARSLAN G., BAYIR A.
Journal of Fish Biology, vol.102, no.4, pp.816-828, 2023 (SCI-Expanded)
- II. Identification, characterization and nutritional regulation of fatty acid-binding protein (fabp) genes by vegetable oils in European seabass (*Dicentrarchus labrax*) reared in low water temperatures
Taşbozan O., Erbaş C., Bayır M., Özdemir E., Bayır A.
AQUACULTURE RESEARCH, vol.53, pp.6683-6699, 2022 (SCI-Expanded)
- III. Differential retention of duplicated retinoid-binding protein (crabp & rbp) genes in the rainbow trout genome after two whole genome duplications and their responses to dietary canola oil
BAYIR M., ARSLAN G., Ozdemir E., BAYIR A.
AQUACULTURE, vol.549, 2022 (SCI-Expanded)
- IV. Changes in fatty acids, blood biochemistry and mRNA expressions of genes involved in polyunsaturated fatty acid metabolism in brown trout (*Salmo trutta*) during starvation and refeeding
ARSLAN G., BAYIR M., YAĞANOĞLU A. M., BAYIR A.
AQUACULTURE RESEARCH, vol.52, no.2, pp.494-504, 2021 (SCI-Expanded)
- V. Identification and Characterization of Carnitine Palmitoyltransferase 1 (cpt 1) Genes in Nile Tilapia, *Oreochromis niloticus*
BAYIR M., ARSLAN G., BAYIR A.
EVOLUTIONARY BIOINFORMATICS, vol.16, 2020 (SCI-Expanded)
- VI. Characterization of the isoforms of type IIb sodium-dependent phosphate cotransporter (Slc34a2) in yellow catfish, *Pelteobagrus fulvidraco*, and their vitamin D-3-regulated expression under low-phosphate conditions
Chen P., Huang Y., Bayır A., Wang C.
FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.43, pp.229-244, 2017 (SCI-Expanded)
- VII. A comparison of growth, antioxidant levels and fatty acid metabolism in juvenile rainbow trout (*Oncorhynchus mykiss*) reared in two different stocking densities: low and high
BAYIR M., BAYIR A.
MARINE AND FRESHWATER BEHAVIOUR AND PHYSIOLOGY, vol.50, pp.345-357, 2017 (SCI-Expanded)

- VIII. **Effects of long-term starvation and refeeding on fatty acid metabolism-related gene expressions in the liver of zebrafish, *Danio rerio***
 Olmez A., Bayir M., Wang C., Bayir A.
 TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.39, pp.654-660, 2015 (SCI-Expanded)
- IX. **Influence of Different Dietary Lipids on the Activity of Metabolic Enzymes in Brown Trout (*Salmo trutta*)**
 ATASEVER A., ARSLAN M., Sirkecioglu N., BAYIR A., Ekinci D., Senturk M.
 TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.14, no.1, pp.31-36, 2014 (SCI-Expanded)
- X. **A comparison of the effect of long-term starvation on responses to low-temperature stress by juvenile rainbow (*Oncorhynchus mykiss*) and brown (*Salmo trutta*) trout reveal different responses in the two species**
 BAYIR M., BAYIR A., Aras N. M.
 MARINE AND FRESHWATER BEHAVIOUR AND PHYSIOLOGY, vol.47, no.4, pp.239-251, 2014 (SCI-Expanded)
- XI. **Goose fat, a promising nutrient for fish feeding, activates antioxidant enzymes in rainbow trout, *Oncorhynchus mykiss***
 Mercan L., SIRKECIOGLU N., Aksakal E., BAYIR M., BAYIR A., Aras M., Ekinci D.
 ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.36, no.3, pp.964-971, 2013 (SCI-Expanded)
- XII. **The Influence of Substitution of Dietary Fish Oil with Different Vegetable Oils on Performance and Fatty Acid Composition of Brown Trout, *Salmo trutta***
 ARSLAN M., SİRKECİOĞLU A. N., BAYIR A., ARSLAN H., ARAS M.
 TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.12, no.3, pp.575-583, 2012 (SCI-Expanded)
- XIII. **The Effect of the Replacement of Fish oil with Animal Fats on the Growth Performance, Survival and Fatty Acid Profile of Rainbow Trout Juveniles, *Oncorhynchus mykiss***
 BAYRAKTAR K., BAYIR A.
 TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.12, no.3, pp.661-666, 2012 (SCI-Expanded)
- XIV. **Metabolic responses to prolonged starvation, food restriction, and refeeding in the brown trout, *Salmo trutta*: Oxidative stress and antioxidant defenses**
 BAYIR A., SIRKECIOGLU A. N., BAYIR M., HALILOGLU H. I., KOCAMAN E. M., ARAS N. M.
 COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY & MOLECULAR BIOLOGY, vol.159, no.4, pp.191-196, 2011 (SCI-Expanded)
- XV. **Seasonal variations in serum lipids, lipoproteins and some haematological parameters of chub (*Leuciscus cephalus*)**
 BAYIR A.
 ITALIAN JOURNAL OF ANIMAL SCIENCE, vol.7, no.4, pp.439-448, 2011 (SCI-Expanded)
- XVI. **INFLUENCE OF SEASON ON ANTIOXIDANT DEFENSE SYSTEMS OF *Silurus glanis* Linnaeus (Siluridae) AND *Barbus capito capito* Guldenstadt (Cyprinidae)**
 BAYIR A., SİRKECİOĞLU A. N., BAYIR M., HALİLOĞLU H. İ., AKSAKAL E., GÜNEŞ M., Aras N. M.
 FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.1, pp.3-11, 2011 (SCI-Expanded)
- XVII. **Effects of Dietary Lipid Source on Growth, Survival, and Fatty Acid Composition of Brown Trout Juveniles, *Salmo trutta***
 BAYIR A., SİRKECİOĞLU A. N., BAYIR M., ARSLAN M., GÜNEŞ M., HALİLOĞLU H. İ., Aras N. M., ARSLAN H.
 ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.63, 2011 (SCI-Expanded)
- XVIII. **Fatty acids of neutral and phospholipids of three endangered trout: *Salmo trutta caspius* Kessler, *Salmo trutta labrax* Pallas and *Salmo trutta macrostigma* Dumeril**
 BAYIR A., Sirkecioglu A. N., Aras N. M., Aksakal E., Haliloglu H. I., BAYIR M.
 FOOD CHEMISTRY, vol.119, no.3, pp.1050-1056, 2010 (SCI-Expanded)
- XIX. **Seasonal changes in antioxidant defence system of liver and gills of *Salmo trutta caspius*, *Salmo trutta labrax* and *Salmo trutta macrostigma***
 Aras N. M., BAYIR A., Sirkecioglu A. N., BAYIR M., AKSAKAL E., Haliloglu H. I.
 JOURNAL OF FISH BIOLOGY, vol.74, no.4, pp.842-856, 2009 (SCI-Expanded)
- XX. **Intensive and Semi Intensive Culture Probability of Caner *Barbus capito capito* Guldenstadt of Aras**

River Erzurum Turkey

YANIK T., HİSAR O., ARAS HİSAR Ş., BAYIR A., SİRKECİOĞLU A. N., AYIK Ö., ARAS S.

Journal Of Animal And Veterinary Advances, vol.8, pp.829-834, 2009 (SCI-Expanded)

- XXI. **The comparison of total fat and fatty acid profiles with some bio-ecological features of Capoeta capoeta umbla HECKEL, 1843 living in Tuzla Stream and Tercan Dam Lake**
Aras N. M., GÜNEŞ M., BAYIR A., SİRKECİOĞLU A. N., HALİLOĞLU H. İ.
EKOLOJİ, vol.19, no.73, pp.55-64, 2009 (SCI-Expanded)
- XXII. **Comparison of Hatchery Performances of Rainbow Trout (*Oncorhynchus mykiss*), Brown Trout (*Salmo trutta fario*) and Brook Trout (*Salvelinus fontinalis*) under the Same Environmental Conditions**
KOCAMAN E. M., BAYIR A., Sirkecioglu A. N., BAYIR M., YANIK T., ARSLAN H.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.8, no.7, pp.1429-1431, 2009 (SCI-Expanded)
- XXIII. **The effects of different stressors on antioxidant enzyme activities in the erythrocyte of rainbow trout (*Oncorhynchus mykiss* W., 1792)**
Oezmen I., Atamanalp M., Bayir A., Sirkecioglu A. N., Cengiz M., Cengiz M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.922-927, 2007 (SCI-Expanded)
- XXIV. **Growth of trout juveniles (*Oncorhynchus mykiss*, *Salvelinus fontinalis* and *Salmo trutta fario*) under uniform cultural conditions**
Kocaman E. M., Bayir A., Sirkecioglu A. N., Bayir M. C., Yanik T.
JOURNAL OF APPLIED ANIMAL RESEARCH, vol.30, pp.73-75, 2006 (SCI-Expanded)
- XXV. **Comparison of fatty acid composition in some tissues of rainbow trout (*Oncorhynchus mykiss*) living in seawater and freshwater**
Haliloglu H. İ., Bayir A., Sirkecioglu A. N., Aras N., Atamanalp M.
FOOD CHEMISTRY, vol.86, pp.55-59, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Alterations in Fatty Acids of Polar Lipids in *Salmo trutta* on Long term Exposure to a Glyphosate Based Herbicide Roundup**
BAYIR M., SİRKECİOĞLU A. N., BAYIR A., ARAS M.
Pakistan Journal of Biological Sciences., 2013 (Scopus)
- II. **Yağ asitlerinin Balıkların Büyüme ve Stres Toleransı Üzerine Etkileri**
BAYIR M., SİRKECİOĞLU A. N., BAYIR A., YANIK T., ARAS M.
Atatürk Univ. Ziraat Fak. Dergisi., vol.31, no.1, 2010 (Peer-Reviewed Journal)
- III. **Yağ Asitlerinin Balıkların Büyüme ve Stres Toleransına Etkileri**
BAYIR M., SİRKECİOĞLU A. N., BAYIR A., YANIK T., ARAS M.
ATATÜRK ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ, vol.41, pp.65-70, 2010 (Peer-Reviewed Journal)
- IV. **Bir Dezenfektanın Malahit Yeşili Subletal Dozlarının Gökkuşağı Alabalığı *Oncorhynchus mykiss* Kan Parametreleri Üzerine Etkileri**
Atamanalp M., Bayir A., Sirkecioğlu A. N., Bayir M.
Gazi Ünv. Fen Bilimleri Derg., vol.23, no.3, pp.177-187, 2003 (Peer-Reviewed Journal)
- V. **The effects of liver feed on haematocrit and haemoglobin levels of rainbow trout *Oncorhynchus mykiss***
Atamanalp M., Sirkecioğlu A. N., Bayir A., Yanik T.
ATATÜRK ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ, vol.34, pp.229-232, 2003 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Computational Analysis of the FKBP Prolyl Isomerase 5 Gene in Medaka (*Oryzias latipes*): Insights**

- into Molecular Mechanisms and Functional Implications**
Uzun B. N., Bayır M., Turhan S., Arslan G., Bayır A.
5th International Conference on Food, Agriculture and Animal Sciences, Antalya, Turkey, 23 November 2023
- II. **Gökkuşağı Alabalığı (*Oncorhynchus mykiss*) nda Yağ Asidi Kompozisyonunun Diyete BAĞlı Değişiminin Modellemesi**
BAYIR A., BUREAU D.
V. Balık Besleme ve Yem Teknolojileri Çalıştayı, Erzurum, Turkey, 6 - 07 September 2018
- III. **GENOMIC ORGANIZATION AND PHYLOGENY OF ELOVL5 GENE IN PLATYFISH *Xiphophorus maculatus***
BAYIR A.
MIDDLE EAST & CENTRAL ASIA AQUACULTURE (MECAA) 2016, İzmir, Turkey, 2 - 04 June 2016
- IV. **Bioinformatics and tissue specific distribution of carnitine palmitoyltransferase II gene in Nile tilapia *Oreochromis niloticus***
BAYIR M., BAYIR A.
Aquaculture Europe 2015, Rotterdam, Netherlands, 20 - 23 October 2015, pp.78-79
- V. **Effects of high stocking density on liver and muscle mineral content in rainbow trout *Oncorhynchus mykiss***
Bayır M., Çakır O., Bayır A.
Aquaculture Europe 2015, Rotterdam, Netherlands, 20 - 23 October 2015, pp.80-81
- VI. **BIOINFORMATICS AND TISSUESPECIFICDISTRIBUTION OFCARNITINEPALMITOYLTRANSFERASE II GENE IN NILE TILAPIA *Oreochromis niloticus***
BAYIR M., BAYIR A.
Aquaculture Europe 2015, 20 - 22 October 2015
- VII. **EFFECTS OF DIFFERENT DIETARY LIPID SOURCES ON THE SURVIVAL, GROWTH PERFORMANCE AND FATTY ACID PROFILES OF RAINBOW TROUT JUVENILES, *Oncorhynchus mykiss***
BAYIR A., BAYRAKTAR K., SİRKECİOĞLU A. N., BAYIR M., HALİLOĞLU H. İ., ARAS M.
Aquaculture Europa 2011, 18 - 21 October 2011
- VIII. **Kadmiyumun gökkuşağı alabalığı *Oncorhynchus mykiss* eritrositlerindeki bazı antioksidan enzimler üzerine etkisi**
BAYIR A., HİSAR O., YANIK T., ARAS M.
XIII. Ulusal Su Ürünleri Sempozyumu, Turkey, 1 - 03 June 2005
- IX. **Comparing sensory characteristics of three trout species (*Oncorhynchus mykiss* Walbaum, 1792, *Salmo trutta fario* L., 1758, *Salvelinus fontinalis* Mitchill, 1814).**
ATAMANALP M., KOCAMAN E. M., BAYIR A., AYIK Ö., ESENBUĞA N.
XL Croation Symposium on Agriculture with International Participation, Zagreb, Croatia, 15 - 18 February 2005, pp.517-518
- X. **Comparing sensory characteristics of three trout species *Oncorhynchus mykiss* Walbaum 1792 *salmo trutta fario* L 1758 *Salvelinus fontinalis* Mitchill 1814**
ATAMANALP M., KOCAMAN E. M., BAYIR A., AYIK Ö., ESENBUĞA N.
XL. CROATIAN SYMPOSIUM ON AGRICULTURE with International Participation, Opatija, Croatia, 15 - 18 February 2005, pp.517
- XI. **Comparing sensory characteristics of three trout species *Oncorhynchus mykiss* Walbaum 1792 *salmo trutta fario* L 1758 *Salvelinus fontinalis* Mitchill 1814**
ATAMANALP M., KOCAMAN E. M., BAYIR A., AYIK Ö., ESENBUĞA N.
XL. CROATIAN SYMPOSIUM ON AGRICULTURE with International Participation, Opatija, Croatia, 15 - 18 February 2005, pp.517
- XII. **Diazinon un Gökkuşağı Alabalığı *Oncorhynchus mykiss* Hematolojik Parametreleri Üzerine Etkileri**
ATAMANALP M., BAYIR A., SİRKECİOĞLU A. N., BAYIR M.
GAP III. Tarım Kongresi, Turkey, 2 - 04 October 2003
- XIII. **Diazinonun Gökkuşağı Alabalığı *Oncorhynchus mykiss* nda önemli enzim ve elektrolitler üzerine etkileri**
Atamanalp M., Bayır A., Sirkecioğlu A. N., Bayır M., Yanık T., Ayık Ö.

Supported Projects

ARSLAN G., BAYIR A., BAYIR M., Project Supported by Higher Education Institutions, Karnitin Palmitoltransferaz cpt Genlerinin Biyoinformatiği Doku Spesifik Transkripsiyonları ve Akuaponik Sisteminin cpt mRNA Ekspresyonlarına Etkileri, 2023 - Continues

BAYIR A., BAYIR M., ARSLAN H., ERBAŞ C., ARSLAN H., TAŞBOZAN O., Project Supported by Higher Education Institutions, Dördüncü Tur Tüm Genom Duplikasyonunu Takiben Pullu Sazanda Yağ Asidi Bağlayıcı Protein Gen Repertuvarı ve Linalool Eklenmiş Yüksek Yağlı Diyetlerin Büyüme Yağ Asidi Kompozisyonu ve fabp Gen Ekspresyonlarına Etkileri, 2023 - Continues

Bayır A., Bayır M., Usanmaz B., Kaymak H. Ç., Işık C., TUBITAK Project, Aquaponics optimization in a local climatic, economic and cultural context: maximizing the benefits of a circular bioeconomy for food production, 2023 - 2026

Bayır A., Bayır M., Arslan G., TUBITAK Project, Karadeniz Alabalığı (*Salmo labrax*)'nda Myostatin (mstn) Geninin Moleküler Klonlanması, Karakterizasyonu ve CRISPR/Cas9 Metodu Kullanılarak Susturulan mstn Genine Sahip Balıkların Kuluçka ve Büyüme Performansları, 2022 - 2025

USANMAZ B., BAYIR M., BAYIR A., ERKAYMAN B., Project Supported by Higher Education Institutions, Resirküle Su Ürünleri Yetiştiricilik Sistemlerinin Nesnelerin İnterneti Kapsamında Dijitalleştirilmesi, 2021 - 2023

YANIK T., BAYIR A., ARSLAN H., ARSLAN G., Project Supported by Higher Education Institutions, Resirküle Sistemlerde Zebra Balığı Danio rerio ve Gökkuşağı Alabalığı *Oncorhynchus mykiss* Yetiştiriciliği-II, 2022 - 2022

UÇAR A., YANIK T., KOCAMAN E. M., ARSLAN M., ARSLAN G., PARLAK V., ATAMANALP M., CEYHUN S. B., TOPAL A., GÜLTEPE N., et al., Project Supported by Higher Education Institutions, 21 Ulusal Su Ürünleri Sempozyumu, 2021 - 2022

YANIK T., BAYIR A., ARSLAN H., KORKMAZ F., GÜLTEPE N., OĞUZHAN YILDIZ P., ARSLAN G., Project Supported by Higher Education Institutions, Su Ürünleri Fakültesi Resirküle Yetiştiricilik Sistemlerinin Modernizasyonu, 2021 - 2022

YANIK T., ARSLAN H., ARSLAN G., BAYIR A., Project Supported by Higher Education Institutions, Resirküle Sistemlerde Zebra Balığı (*Danio rerio*) ve Gökkuşağı Alabalığı (*Oncorhynchus mykiss*) Yetiştiriciliği, 2021 - 2022

BAYIR A., BAYIR M., TAŞBOZAN O., ERBAŞ C., ÖZDEMİR E., Project Supported by Higher Education Institutions, Avrupa Levreği *Dicentrarchus labrax*nde Yağ Asidi Bağlayıcı Protein 1 ve 6 fabp1 ve fabp6 Genlerinin Klonlanması Moleküler Karakterizasyonu ve Diyetteki Bitkisel Yağ Kaynaklarının fabp1 ve fabp6 mRNA Ekspresyonuna Etkileri, 2020 - 2022

ARSLAN M., FAKIOĞLU Ö., UÇAR A., ARSLAN H., BAYIR A., KORKMAZ F., YANIK T., ATAMANALP M., CEYHUN S. B., ALAK G., et al., Project Supported by Higher Education Institutions, Su Ürünleri Fakültesi Araştırma Altyapısının Geliştirilmesi, 2019 - 2020

BAYIR A., Project Supported by Higher Education Institutions, PLATİ BALİĞİ (*XIPHOPHORUS MACULATUS*)'NDA KARNİTİN PALMİTOLTRANSFERAZLARIN (CPT-1 VE CPT-2) DOKU SPESİFİK DAĞILIMLARI, 2013 - 2014

BAYIR A., Project Supported by Higher Education Institutions, 6UZUN SÜRELİ AÇLIĞIN ZEBRA BALİĞI (DANİO RERİO)'NDA YAĞ ASİDİ METABOLİZMASINA (DESATURASYON, ELONGASYON, & OKSİDASYON VE TAŞINMA) MOLEKÜLER ETKİLERİ, 2013 - 2014

BAYIR A., Project Supported by Higher Education Institutions, 7YAVRU AĞIRLIĞINDAN SOFRALIK AĞIRLIĞA ULAŞINCAYA KADAR DİYETLERİNE BERGAMOT YAĞI (CİTRUS BERGAMİA) İLAVESİNİN GÖKKUŞAĞI ALABALIKLARINDA (ONCORHYNCHUS MYKISS) YAĞ ASİDİ VE AMİNOASİT KOMPOZİSYONU ÜZERİNE ETKİLERİ, 2012 - 2013

BAYIR A., Project Supported by Higher Education Institutions, KRONİK STRES FAKTORLERİNİN GÖKKUŞAĞI ALABALİĞİNDE (ONCORHYNCHUS MYKISS) YAĞ ASİDİ VE AMİNOASİT KOMPOZİSYONU VE ANTİOKSİDAN SAVUNMA SİSTEMİNE ETKİLERİ, 2011 - 2012

Activities in Scientific Journals

Alabalık Dergisi, Committee Member, 2020 - Continues

Scientific Refereeing

Chemosphere, SCI Journal, March 2018

Metrics

Publication: 45

Citation (WoS): 387

Citation (Scopus): 398

H-Index (WoS): 9

H-Index (Scopus): 8

Congress and Symposium Activities

Genomic Organization and Phylogeny of Elov15 Gene in Platypfish, *Xiphophorus aculatus*, Attendee, İzmir, Turkey, 2016

Bioinformatics and Tissue-Specific Distribution of Carnitine Palmitoyltransferase II Gene in Nile Tilapia, *Oreochromis niloticus*, Attendee, Rotterdam, Netherlands, 2015

Effects of High Stocking Density on Liver and Muscle Mineral Content in Rainbow Trout (*Oncorhynchus mykiss*), Attendee, Rotterdam, Netherlands, 2015

Changes in Antioxidant Enzymes of Brown Trout (*Salmo trutta*) Fed Diets with Different Lipid Sources, Attendee, Praha, Czech Republic, 2012

Effects of Different Dietary Lipid Sources on the Survival, Growth Performance and Fatty Acid Profiles of Rainbow Trout Juveniles, *Oncorhynchus mykiss*, Attendee, Rodos, Greece, 2011

Influence of Dietary Lipids on the Activity of Some Metabolic Enzymes in Brown Trout (*Salmo trutta*), Attendee, Natal, Brazil, 2011

The Influence of Varying Dietary Lipid Resources on Growth, Survival and Fatty Acid Composition of Brown Trout, *Salmo trutta*, Attendee, Qianguo, China, 2010

Scholarships

Araştırma Bursu, Official Institutions of Foreign Countries, 2010 - Continues

Doktora Sonrası Araştırma Bursu, Official Institutions of Foreign Countries, 2006 - Continues