

## Prof. Murat ARSLAN

### Personal Information

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### International Researcher IDs

ScholarID: T4Ge6QkAAAAJ

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Yoksis Researcher ID: 44033

### Education Information

Post Doctorate, Ohio State University, School Of Natural Resources, Aquaculture, United States Of America 2004 - 2006

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Su Ürünleri Mühendisliği, Turkey 1998 - 2003

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Su Ürünleri Mühendisliği, Turkey 1995 - 1998

Undergraduate, Ataturk University, Ziraat Fakültesi, Su Ürünleri Bölümü, Turkey 1991 - 1995

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Other, Fish nutrition: sustainability and product quality, Mediterranean Agronomic Institute of Zaragoza, 2008

### Research Areas

Agricultural Sciences, Seafood, Aquaculture

### Academic Titles / Tasks

Professor, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2014 - Continues

Associate Professor, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2012 - 2014

Associate Professor, Ohio State University, School of Environment and Natural Resources, Aquaculture, 2010 - 2011

Assistant Professor, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Su Ürünleri, 2003 - 2009

Assistant Professor, Ohio State University, School of Environment and Natural Resources, Aquaculture, 2004 - 2006

### Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2016 - Continues

Fakülte Kurulu Üyesi, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2016 - Continues

Atatürk Üniversitesi, Su Ürünleri Fakültesi, 2012 - Continues  
Coordinator of The Rectorate, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2019 - 2024  
Head of Department, Ataturk University, Su Ürünleri Fakültesi, 2018 - 2021  
University Executive Board Member, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2016 - 2020  
Member of the Senate, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2016 - 2020  
Dean, Ataturk University, Su Ürünleri Fakültesi, 2016 - 2020  
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Ataturk University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2016 - 2019  
Atatürk Üniversitesi, İspir H. Polat Myo, 2009 - 2012

## Courses

İçsu Balıkları Yetiştiriciliği, Undergraduate, 2023 - 2024  
Balık Beslemede yağların Kullanımı, Postgraduate, 2022 - 2023  
Mesleki İngilizce-I, Undergraduate, 2023 - 2024  
İleri Balık Besleme, Doctorate, 2023 - 2024  
SCIENCE, EDUCATION ETHICS, Postgraduate, 2022 - 2023  
Balık Beslemede Yağların Kullanımı, Postgraduate, 2022 - 2023  
Deniz Balıkları Yetiştiriciliği, Undergraduate, 2021 - 2022  
İLERİ BALIK BESLEME, Doctorate, 2020 - 2021  
Balık Besleme, Undergraduate, 2021 - 2022  
USE OF OILS AND FATS IN FISH NUTRITION, Postgraduate, 2019 - 2020  
Mesleki İngilizce-IV, Undergraduate, 2019 - 2020  
Mesleki İngilizce-II, Undergraduate, 2019 - 2020  
Advances in Fish Nutrition, Postgraduate, 2020 - 2021  
BİYOİSTATİSTİK, Undergraduate, 2019 - 2020  
Mesleki İngilizce - III, Undergraduate, 2019 - 2020

## Advising Theses

Khan N., Arslan M., Replacement potential of fish oil with linseed oil, sunflower oil, and their blend in the diet of Labeo rohita, Doctorate, M.Asghar(Student), Continues  
Arslan M., Gökkuşuğu Alabalığında (Oncorhynchus mykiss) Bazı Biyolojik Parametreler ve Son Ürün Kalitesine Kızamık (Berberis vulgaris) Meyve Ekstraktının Etkisi, Doctorate, Ş.TACER(Student), 2023  
Arslan M., Khan N., Effect of manipulated diets on the growth, nutrients profile and stress response at different life stages of Pangasius hypophthalmus, Doctorate, S.BANO(Student), 2023  
Arslan M., Farklı Diyetel Protein ve Yağ Kaynakları ile Yemleme Rejiminin Gökkuşuğu Alabalığında (Oncorhynchus mykiss) Büyüme, Protein Metabolizması, Yağ Asidi Profili, Bağırsak Histolojisi ve Kalite Parametrelerine Etkileri, Doctorate, F.KORKMAZ(Student), 2022  
Arslan M., Influence of dietary siam weed (Chromolaena odorata) leaf extract on growth, body composition and thermal stress resistance in Nile tilapia (Oreochromis niloticus), Postgraduate, V.KABIA(Student), 2022  
Arslan M., Growth and immune response of Nile tilapia (Oreochromis niloticus) to the dietary clove basil (Ocimum gratissimum) leaf extract, Postgraduate, M.SESAY(Student), 2022  
Arslan M., Bazı Balık Atıklarının Yem Hammadesi Olarak Kullanılabilme Potansiyellerinin Araştırılması, Postgraduate, N.KAŞIKÇI(Student), 2022  
Arslan M., Kırankaya Ş. G., İstilacı Gümüşi Havuz Balığının (Carassius gibelio Bloch, 1782) Sakarya İlindeki İçsu Balıkçılığına Etkisinin Araştırılması, Doctorate, E.AYDIN(Student), 2021  
Arslan M., Yıldız M., Investigation of fatty acid metabolism of juvenile gilthead sea bream (Sparus aurata) fed diets containing vegetable oil, Doctorate, S.Ofori(Student), 2019

ARSLAN M., Doğal Sularda Yaşayan (Yağlı Deresi, Çoruh Havzası)Kahverengi Alabalığın (Salmo trutta) Kuluçka Şartlarında İkinci Nesil Üretim Denemeleri, Postgraduate, İ.Akgül(Student), 2019

ARSLAN M., Evaluation of growth, body composition and fatty acid profile of genetically male tilapia (GMT) fingerlings fed various dietary oils supplemented diets, Postgraduate, S.Dogar(Student), 2019

Arslan M., Yağlı deresi (Çoruh havzası) kahverengi alabalığının (Salmo trutta) kuluçka şartlarında üretilebilme olanaklarının araştırılması, Postgraduate, S.ALAYBAŞI(Student), 2019

ARSLAN M., Okside olmuş balık yağı içeren yemlere fındık yağı ilavesinin gökkuşacağı alabalığı (Oncorhynchus mykiss) büyüme, yağ asidi kompozisyonu ve antioksidan savunma sistemine etkisi, Postgraduate, Ş.Tacer(Student), 2018

ARSLAN M., Gökkuşacağı alabalığı (Oncorhynchus mykiss) diyetlerinde farklı düzeylerde fındık yağı kullanımının büyüme performansı, yağ asidi kompozisyonu ve E vitamini içeriğine etkisi, Postgraduate, S.Muslu(Student), 2017

ARSLAN M., Erzurum ve Sakarya illerinde faaliyet gösteren çiftliklerde yetiştirilen gökkuşacağı alabalığının omega-3 yağ asidi içeriği bakımından incelenmesi, Postgraduate, H.Bayır(Student), 2016

ARSLAN M., Diludin maddesinin gökkuşacağı alabalığı yavruları üzerinde anne ve diyet kökenli etkisinin araştırılması, Postgraduate, A.Aytaç(Student), 2014

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, University of Veterinary and Animal Sciences, July, 2022

Associate Professor Exam, Associate Professor Exam, Istanbul University, August, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, The Islamia University of Bahawalpur, August, 2021

Associate Professor Exam, Associate Professor Exam, The Islamia University of Bahawalpur, September, 2020

Associate Professor Exam, Doçentlik Sözlü Sınavı, Fırat Üniversitesi, November, 2019

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, March, 2019

Associate Professor Exam, Doçentlik Sözlü Sınavı, Üniversitelerarası Kurul, December, 2018

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, June, 2018

Associate Professor Exam, Doçentlik Sözlü Sınavı, Üniversitelerarası Kurul, October, 2017

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, June, 2016

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, May, 2016

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, December, 2015

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, November, 2015

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, December, 2014

Associate Professor Exam, Doçentlik Eser İnceleme, Üniversitelerarası Kurul, October, 2014

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Growth, body composition, lipid profile, and peroxidation, physiological stress, and blood metabolic indicators in Labeo rohita fed a fish oil replacement with blended linseed and sunflower oils**  
Asghar M., Khan N., Fatima M., Arslan M., Davies S. J., Ul Haque N.  
AQUACULTURE INTERNATIONAL, vol.2024, no.1, pp.1-20, 2024 (SCI-Expanded)
- II. **Enhancing farmed striped catfish (Pangasianodon hypophthalmus) robustness through dietary  $\beta$ -glucan**  
Bano S., Khan N., Fatima M., Khaliq A., Arslan M., Nazir S., Asghar M., Khizar A., Davies S. J., Wan A. H. L.  
PLOS ONE, vol.19, no.3, pp.1-18, 2024 (SCI-Expanded)
- III. **Feasibility of replacing fish oil with sunflower oil on the growth, body composition, fatty acid profile, antioxidant activity, stress response, and blood biomarkers of Labeo rohita**  
Asghar M., Khan N., Fatima M., Arslan M., Davies S. J., Ul Haque N.  
PLOS ONE, vol.19, no.3, pp.1-18, 2024 (SCI-Expanded)

- IV. **Mitigating the impact of winter temperatures on striped catfish (*Pangasianodon hypophthalmus*) using functional feed additives**  
Bano S., Khan N., Fatima M., Khalique A., Arslan M., Wan A.  
WORLD AQUACULTURE SOCIETY. JOURNAL, vol.55, no.3, pp.1-21, 2023 (SCI-Expanded)
- V. **The anxiolytic and circadian regulatory effect of agarwood water extract and its effects on the next generation; zebrafish modelling**  
Kankaynar M., Ceyhun H. A., Baran A., Sulukan E., Yıldırım S., Bolat İ., Toraman E., Nadaroğlu H., Arslan M., Ceyhun S. B.  
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, vol.269, 2023 (SCI-Expanded)
- VI. **Can Dietary Hazelnut Oil Inclusion Alleviate the Negative Effects of Oxidized Fish Oil in Rainbow Trout (*Oncorhynchus mykiss*) Juveniles?**  
Tacer-Tanas S., Arslan M.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.23, no.10, pp.1-11, 2023 (SCI-Expanded)
- VII. **Fillet Quality in Rainbow Trout (*Oncorhynchus mykiss*) Raised on Different Dietary Oils Over a Long-Term Feeding Trial**  
Jaberi R., Tacer-Tanas S., Akgul I., Korkmaz F., Kaban G., Kaya M., Topal A., Ceyhun S. B., Arslan M.  
JOURNAL OF AQUATIC FOOD PRODUCT TECHNOLOGY, vol.32, no.10, pp.677-691, 2023 (SCI-Expanded)
- VIII. **Impact of Various Dietary Protein Levels on the Growth Performance, Nutrient Profile, and Digestive Enzymes Activities to Provide an Effective Diet for Striped Catfish (*Pangasius hypophthalmus*)**  
Bano S., Khan N., Arslan M., Fatima M., Khalique A., Wan A. H. L.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.23, no.7, pp.1-12, 2023 (SCI-Expanded)
- IX. **Spatial and Seasonal Variations in Condition, Somatic Index and Length-Weight Relationship of *Capoeta banarescui* (Cyprinidae) from The coruh River, Northeastern Anatolia, Turkey**  
BEKTAŞ S., ARSLAN M.  
JOURNAL OF ICHTHYOLOGY, vol.62, no.5, pp.900-907, 2022 (SCI-Expanded)
- X. **Replacement of Fish Oil by ALA-Rich Vegetable Oils in Diets of Gilthead Sea Bream: Effect on Final Eating Quality**  
Ofori-Mensah S., YILDIZ M., ARSLAN M., Unal Sengor G. F., Kahraman T., Gelibolu S., Kaplan C.  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, vol.124, no.5, 2022 (SCI-Expanded)
- XI. **The potential effect mechanism of high-fat and high-carbohydrate diet-induced obesity on anxiety and offspring of zebrafish**  
Turkoglu M., Baran A., Sulukan E., Ghosigharehagaji A., Yıldırım S., Ceyhun H. A., Bolat İ., Arslan M., Ceyhun S. B.  
EATING AND WEIGHT DISORDERS-STUDIES ON ANOREXIA BULIMIA AND OBESITY, vol.27, no.1, pp.163-177, 2022 (SCI-Expanded)
- XII. **Influence of dietary vitamin E (DL-alpha-tocopheryl acetate) and diludine (diethyl 1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate) levels on growth and lipid peroxidation in rainbow trout, *Oncorhynchus mykiss***  
Arslan M., Korkmaz F., Tacer-Tanas S., Yanik T., Erat M., Slukvin A., Goncharova R.  
JOURNAL OF APPLIED ICHTHYOLOGY, vol.37, no.6, pp.942-949, 2021 (SCI-Expanded)
- XIII. **Effects of different dietary lipid resources on sperm quality and reproductive success in rainbow trout (*Oncorhynchus mykiss*)**  
YILDIZ M., Ofori-Mensah S., ARSLAN M., YAMANER G., EKİCİ A., BALTAÇI M. A., KORKMAZ F., Tacer-Tanas S.  
AQUACULTURE RESEARCH, vol.52, no.8, pp.3804-3814, 2021 (SCI-Expanded)
- XIV. **Long-term dietary diludine (diethyl 1,4-dihydro-2,6-dimethyl-3,5-pyridi-nedicarboxylate) intake and gamete storage affect alpha-tocopherol status and reproductive performance in female rainbow trout, *Oncorhynchus mykiss***  
Arslan M., Gulen S., Tacer-Tanas S., Yanik T., Gurdal A., Kocaman M., Atasever A., Slukvin A., Goncharova R.  
AQUACULTURE, vol.533, 2021 (SCI-Expanded)
- XV. **Substitution of fish oil with camelina or chia oils in gilthead sea bream (*Sparus aurata*, L.) diets: Effect on growth performance, fatty acid composition, haematology and gene expression**

- Ofori-Mensah S., Yıldız M., Arslan M., Eldem V., Gelibolu S.  
AQUACULTURE NUTRITION, vol.26, no.6, pp.1943-1957, 2020 (SCI-Expanded)
- XVI. **Fish oil replacement with different vegetable oils in gilthead seabream, Sparus aurata diets: Effects on fatty acid metabolism based on whole-body fatty acid balance method and genes expression**  
Ofori-Mensah S., YILDIZ M., ARSLAN M., ELDEM V.  
AQUACULTURE, vol.529, 2020 (SCI-Expanded)
- XVII. **Effects of different dietary oils on egg quality and reproductive performance in rainbow trout Oncorhynchus mykiss**  
Yıldız M., Ofori-Mensah S., Arslan M., Ekici A., Yamaner G., Baltacı M. A., Tacer Ş., Korkmaz F.  
ANIMAL REPRODUCTION SCIENCE, vol.221, 2020 (SCI-Expanded)
- XVIII. **Physiological changes and reproductive performance of Sterlet sturgeon Acipenser ruthenus injected with thiamine**  
Ghiasi S., Falahatkar B., Arslan M., Dabrowski K.  
ANIMAL REPRODUCTION SCIENCE, vol.178, pp.27-34, 2017 (SCI-Expanded)
- XIX. **Changes in Lipids, Fatty Acids, Lipid Peroxidation and Antioxidant Defence System During the Early Development of Wild Brown Trout (Salmo trutta)**  
ARSLAN M., ALAYBASI S., ALTUN E., GULEN S., SİRKECİOĞLU A. N., ATASEVER A., HALİLOĞLU H. İ., ARAS M.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.16, no.3, pp.703-714, 2016 (SCI-Expanded)
- XX. **Effect of thiamine injection on growth performance, hematology and germinal vesicle migration in sterlet sturgeon Acipenser ruthenus L.**  
GHİASİ S., FALAHATKAR B., Dabrowski K., ABASALIZADEH A., ARSLAN M.  
AQUACULTURE INTERNATIONAL, vol.22, no.5, pp.1563-1576, 2014 (SCI-Expanded)
- XXI. **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)
- XXII. **Partial Replacement of Fish Oil with Vegetable Oils in Diets for European Seabass Dicentrarchus labrax Effects On Growth Performance and Fatty Acids Profile**  
ÖZŞAHİNOĞLU I., EROLDOĞAN O. T., MUMOGULLARINDA P., DİKEL S., ENGİN K., YILMAZ H. A., ARSLAN M., SİRKECİOĞLU A. N.  
Turkish Journal Of Fisheries And Aquatic Sciences, vol.13, pp.819-825, 2013 (SCI-Expanded)
- XXIII. **Fatty acid metabolism in European sea bass (Dicentrarchus labrax): effects of n-6 PUFA and MUFA in fish oil replaced diets**  
EROLDOĞAN O. T., YILMAZ H. A., TURCHİNİ G., ARSLAN M., SİRKECİOĞLU A. N., ENGİN K., ÖZŞAHİNOĞLU I., MUMOGULLARINDA P.  
FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.39, no.4, pp.941-955, 2013 (SCI-Expanded)
- XXIV. **Growth, body chemical composition and trypsin activity of South American catfish, surubim (Pseudoplatystoma sp.) juveniles fed different dietary protein and lipid levels**  
Arslan M., Dabrowski K., Ferrer S., Dietrich M., Rodriguez G.  
AQUACULTURE RESEARCH, vol.44, pp.760-771, 2013 (SCI-Expanded)
- XXV. **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)
- XXVI. **Quantifying quality attributes of walleye eggs prior to fertilization-Impact of time of ovulation and gametes storage**  
Dietrich M. A., Dabrowski K., Arslan M., Ware K., Van Tassell J.  
JOURNAL OF GREAT LAKES RESEARCH, vol.38, no.3, pp.445-450, 2012 (SCI-Expanded)
- XXVII. **The effects of dietary turnip (Brassica rapa) and biofuel algae on growth and chemical composition in rainbow trout (Oncorhynchus mykiss) juveniles Diyetlere ilave edilen şalgam (Brassica rapa) ve yosun ununun gökkuşağı alabaliği (Oncorhynchus mykiss)**

**yavrulari{dotless}ni{dotless}n büyüme ve kimyasal kompozisyonlari{dotless}na etkileri**

Haliloğlu H. I., Arslan M., Lee B., Dabrowski K.

Turkish Journal of Fisheries and Aquatic Sciences, vol.12, pp.18, 2012 (SCI-Expanded)

- XXVIII. **Effects of diludine supplementation on growth performance, liver antioxidant enzyme activities and muscular trace elements of rainbow trout (*Oncorhynchus mykiss*) juveniles at a low water temperature**  
HISAR O., YANIK T., Kocaman E. M., ARSLAN M., Slukvin A., GONCHAROVA R.  
AQUACULTURE NUTRITION, vol.18, no.2, pp.211-219, 2012 (SCI-Expanded)
- XXIX. **Ascorbic acid turnover in rainbow trout, *Oncorhynchus mykiss*: Is there a vitamin enrichment effect during embryonic period on the juvenile fish "sensitivity" to deficiency?**  
Falahatkar B., Dabrowski K., Arslan M.  
AQUACULTURE, vol.320, pp.99-105, 2011 (SCI-Expanded)
- XXX. **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)
- XXXI. **Seasonal and spatial variability of condition and length-weight relationship of european chub (*Leuciscus cephalus*) inhabited in Upper Çoruh River (Turkey)**  
BEKTAŞ S., Yildirim A., ARSLAN M.  
Cybium, vol.33, no.1, pp.3-10, 2009 (SCI-Expanded)
- XXXII. **Growth, fat content and fatty acid profile of South American catfish, surubim (*Pseudoplatystoma fasciatum*) juveniles fed live, commercial and formulated diets**  
Arslan M., Dabrowski K., Portella M. C.  
JOURNAL OF APPLIED ICHTHYOLOGY, vol.25, no.1, pp.73-78, 2009 (SCI-Expanded)
- XXXIII. **Spatial and temporal changes in length-weight relationships of *Barbus escherichii* (Steindachner, 1897) from the upper Çoruh River Basin, Turkey**  
Bektas S., Arslan M., Yildirim A.  
Journal of Applied Ichthyology, vol.24, no.6, pp.713-714, 2008 (SCI-Expanded)
- XXXIV. **Patterns of fish communities along a mountain river: The upper coruh river (Turkey)**  
Yildirim A., ARSLAN M., PEGG M. A.  
Polish Journal of Ecology, vol.56, no.4, pp.731-736, 2008 (SCI-Expanded)
- XXXV. **Length-weight relationship and seasonal condition in *Capoeta sieboldii* in the upper Coruh River, Turkey**  
YILDIRIM A. S., ARSLAN M., BEKTAŞ S.  
JOURNAL OF APPLIED ICHTHYOLOGY, vol.24, no.6, pp.711-712, 2008 (SCI-Expanded)
- XXXVI. **Growth, maturation, induced spawning, and production of the first generation of South American Catfish, *Pseudoplatystoma sp.*, in North America**  
Dabrowski K., Arslan M., Rinchar J., Esther Palacios M.  
JOURNAL OF THE WORLD AQUACULTURE SOCIETY, vol.39, pp.174-183, 2008 (SCI-Expanded)
- XXXVII. **Effects of different dietary lipid sources on the survival, growth, and fatty acid composition of South American catfish, *Pseudoplatystoma fasciatum*, Surubim, juveniles**  
Arslan M., Rinchar J., Dabrowski K., PORTELLA M. C.  
JOURNAL OF THE WORLD AQUACULTURE SOCIETY, vol.39, no.1, pp.51-61, 2008 (SCI-Expanded)
- XXXVIII. **Indispensable amino acid deprivation does not cause rapid amino acid depletion in fish body and this principle has a potential to be used as the new strategy in nutrition**  
Dabrowski K., Zhang Y., Arslan M., Terjesen B. F.  
REVISTA COLOMBIANA DE CIENCIAS PECUARIAS, vol.20, no.4, pp.508-511, 2007 (SCI-Expanded)
- XXXIX. **Seasonal changes in condition and gonadal maturation of brown trout (*Salmo trutta*) in a Turkish stream**  
Arslan M., Yildirim A.  
JOURNAL OF FRESHWATER ECOLOGY, vol.22, no.3, pp.529-531, 2007 (SCI-Expanded)

- XL. **The effect of dietary indispensable amino acid imbalances on feed intake: Is there a sensing of deficiency and neural signaling present in fish?**  
Dabrowski K, Arslan M., Terjesen B. F., Zhang Y.  
AQUACULTURE, vol.268, pp.136-142, 2007 (SCI-Expanded)
- XLI. **Age and growth properties of brown trout *Salmo trutta* L living in KanStream upper Coruh River Turkey**  
YILDIRIM A., ARSLAN M.  
Animal Biology, vol.57, pp.281-291, 2007 (SCI-Expanded)
- XLII. **Effects of ascorbic acid enrichment by immersion of rainbow trout (*Oncorhynchus mykiss*, Walbaum 1792) eggs and embryos**  
FALAHATKAR B., DABROWSKI K., Arslan M., RINCHARD J.  
AQUACULTURE RESEARCH, vol.37, no.8, pp.834-841, 2006 (SCI-Expanded)
- XLIII. **Spatial and seasonal variations in condition of *barbus plebejus escherichi* in the upper Çoruh river, Turkey**  
Yildirim A., Arslan M., Bektas S., Pegg M.  
Journal of Freshwater Ecology, vol.21, no.3, pp.379-384, 2006 (SCI-Expanded)

### Articles Published in Other Journals

- I. **How fillet quality changes in rainbow trout (*Oncorhynchus mykiss*) fed diets supplemented with barberry (*Berberis vulgaris*) fruit extract**  
Tacer-Tanas Ş., Oğuzhan Yıldız P., Arslan M.  
Journal of Food Composition and Analysis, vol.1, no.1, pp.1-8, 2024 (Peer-Reviewed Journal)
- II. **Fatty Acid Content of Farmed Rainbow Trout: How Much Should We Consume for Enough EPA and DHA?**  
Bayır H., Arslan M.  
Aquaculture Studies, vol.23, no.2, pp.1-8, 2023 (Peer-Reviewed Journal)
- III. **Structure and reproduction characteristics of two brown trout *Salmo trutta* L populations in the Çoruh River Basin North eastern Anatolia Turkey**  
ARSLAN M., ARAS M.  
Turkish Journal of Zoology, vol.31, pp.185-192, 2007 (Scopus)
- IV. **Growth and mortality of the brown trout *Salmo trutta* L population from upper Aksu Stream Northeastern Anatolia Turkey**  
ARSLAN M., YILDIRIM A., BEKTAŞ S., ATASEVER A.  
Turkish Journal of Zoology, vol.31, pp.337-346, 2007 (Scopus)
- V. **Length weight relationship of brown trout *Salmo trutta* L inhabiting Kan stream Coruh Basin north eastern Turkey**  
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### Books & Book Chapters

- I. **Lipids in Aquaculture**  
Arslan M., Yıldız M., Engin K., Ofori-Mensah S., Metin Ö.  
in: Present-Day Turkish Aquaculture and Trends in International Research, Mustafa Yıldız, Süheyla Karataş, Editor, Istanbul University Press, İstanbul, pp.215-227, 2024
- II. **Current Research in Fish Nutrition**  
Ofori-Mehsah S., Yıldız M., Engin K., Arslan M., Metin Ö.  
in: Present-Day Turkish Aquaculture and Trends in International Research, Mustafa Yıldız, Süheyla Karataş, Editor,

Istanbul University Press, İstanbul, pp.147-178, 2024

**III. Alternative Protein Sources in Aquafeeds**

Engin K., Yıldız M., Arslan M., Ofori-Mensah S., Metin Ö.

in: Present-Day Turkish Aquaculture and Trends in International Research, Mustafa Yıldız, Süheyla Karataş, Editor, Istanbul University Press, İstanbul, pp.179-213, 2024

**Refereed Congress / Symposium Publications in Proceedings**

- I. **Beş Büyükbaş Hayvan Atığı Kapasiteli Bir Biyogaz Tesisinin Enerji Maliyet Analizi**  
EFE Ş., ARSLAN M.  
International Science, Culture and Academic Research Congress in Global World, Online, 11 September 2021, vol.1
- II. **COMPARISON OF LENGTH-WEIGHT RELATIONSHIP AND FULTON'S CONDITION FACTOR OF GIBEL CARP FROM THREE LAKES IN SAKARYA (TURKEY)**  
KIRANKAYA Ş. G., GENÇOĞLU L., Aydın E., ARSLAN M.  
International Next Generation Biometry Workshop and Course, İskenderun, Turkey, 4 - 06 October 2019
- III. **Patterns in catch per unit effort of non-native gibel carp and native fish species in three natural lakes in Sakarya, Turkey**  
KIRANKAYA Ş. G., Aydın E., GENÇOĞLU L., ARSLAN M.  
Joint ESENIAS and DIAS Scientific Conference and 9th ESENIAS Workshop, Ohrid, Macedonia, 3 - 06 September 2019, vol.44, pp.116
- IV. **The effects of dietary lipid sources on the egg quality and reproductive performance in rainbow trout (*Oncorhynchus mykiss*)**  
YILDIZ M., OFORI MENSAN S., EKİCİ A., YAMANER G., TACER Ş., KORKMAZ F., BALTAÇI M. A., ARSLAN M.  
II. INTERNATIONAL FISHERIES SYMPOSIUM - IFSC 2018, 4 - 08 November 2018
- V. **A PRELIMINARY STUDY ON OPTIMIZATION OF DIETARY DUCK WEED MEAL IN RAINBOW TROUT JUVENILES**  
ARSLAN M., TACER Ş., FAKIOĞLU Ö., CEYHUN S. B.  
World Aquaculture 2017, 26 - 30 June 2017
- VI. **INFLUENCES OF DIETARY HAZELNUT OIL SUPPLEMENTATION WITH OXIDIZED AND FRESH FISH OIL ON GROWTH PERFORMANCE, FATTY ACID COMPOSITION AND ANTIOXIDANT DEFENSE SYSTEM IN RAINBOW TROUT**  
ARSLAN M., TACER Ş.  
INTERNATIONAL FISHERIES SYMPOSIUM, 2017, 8 - 09 February 2017
- VII. **EPA DHA CONTENT OF DIFFERENT TISSUES IN RAINBOW TROUT FED DIETS WITH VARIOUS LIPID SOURCES**  
ARSLAN M., TACER Ş.  
LACQUA 2016, Lima, Peru, 28 November - 01 December 2016
- VIII. **The state of Turkish Aquaculture**  
ATASEVER A., MENHAS S., YILDIZ M., ARSLAN M.  
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- IX. **Okside olmuş diyetsel yağların balıklara etkileri**  
ARSLAN M.  
IV. Balık Besleme ve Yem Teknolojisi Çalıştayı, Turkey, 1 - 02 September 2016
- X. **Omega 3 contents of rainbow trout fillet How much should we consume for enough EPA and DHA**  
ARSLAN M., BAYIR H.  
Middle East Aquaculture, 13 - 15 March 2016
- XI. **Changes in lipids and fatty acids in European chub *Leisciscus cephalus* living in different environmental conditions**  
ATASEVER A., ARSLAN M., BEKTAŞ S.  
Lacqua2015, 16 - 19 November 2015



- XII. **Changes in lipids and fatty acids in European chub *Leisciscus cephalus* living in different environmental conditions**  
ATASEVER A., ARSLAN M., BEKTAŞ S.  
Lacqua2015, Fortaleza, Brazil, 16 November 2015
- XIII. **Antioxidant defence in the early life phase of brown trout *Salmo trutta***  
ARSLAN M., KAÇAR S., ALTUN E., GULEN S., SİRKECİOĞLU A. N., ATASEVER A., HALİLOĞLU H. İ., ARAS M.  
Latin American and Caribbean Aquaculture 2015, FENACAM 2015, Fortaleza, Brazil, 16 - 19 November 2015
- XIV. **Gökkuşığı Alabalığında Yumurtaların Döllenme Öncesinde Bekletilmesi Ve Üreme Başarısı Diyetsel Diludine Maddesinin Muhtemel Koruyucu Etkisi**  
ARSLAN M., YANIK T., KOCAMAN E. M., Gülen S., Kaçar S., Gürdal A. A., Şensurat Y. D. D. T., Slukvin A., Goncharova R., ATASEVER A., et al.  
Fisheries And Aquatic Sciences - Blıkçılık Ve Akuatik Bilimler 2013, Erzurum, Turkey, 30 May - 01 June 2013, pp.502
- XV. **Gökkuşığı Alabalığında Yumurtaların Döllenme Öncesinde Bekletilmesi Ve Üreme Başarısı Diyetsel Diludine Maddesinin Muhtemel Koruyucu Etkisi**  
ARSLAN M., YANIK T., KOCAMAN E. M., Gülen S., Kaçar S., Gürdal A. A., Şensurat Y. D. D. T., Slukvin A., Goncharova R., ATASEVER A., et al.  
Fisheries And Aquatic Sciences - Blıkçılık Ve Akuatik Bilimler 2013, Erzurum, Turkey, 30 May - 01 June 2013, pp.502
- XVI. **Growth And Antioxidant Enzymes In Juveniles Of Rainbow trout Fed Diets With Varying Levels Of Humate**  
YANIK T., ARSLAN M., KOCAMAN E. M., ALAK G.  
AQUA 2012 Global Aquaculture Securing Our Future, Prague, Czech Republic, 1 - 05 September 2012, pp.1183
- XVII. **Growth Properties of Brown trout (*Salmo trutta* L.) Living in Different Streams , Upper Coruh River (Turkey)**  
YILDIRIM A., ARSLAN M., BEKTAŞ S.  
International Conference on Arts, Applied Sciences, Medical & Environment Sciences, Phuket, Thailand, 26 - 27 May 2012
- XVIII. **Growth Properties of Brown Trout (*Salmo trutta* L.) living in Different streams, upper Çoruh River**  
YILDIRIM A., ARSLAN M., BEKTAŞ S., Peters E. J.  
International Conference on Agricultural, Environment and Biological Sciences (ICAEBs 2012), Phuket, Thailand, 26 May 2012, pp.48-51
- XIX. **Çoruh Nehri Su Kalitesinin Bazı Parametreler Yönünden İncelenmesi**  
BEKTAŞ S., YILDIRIM A., ARSLAN M.  
16. Su Ürünleri Sempozyumu, Antalya, Turkey, 25 October 2011, pp.299
- XX. **Effects of diludine supplementation on growth performance and liver antioxidant enzyme activities of rainbow trout *Oncorhynchus mykiss* juveniles at a low water temperature**  
HİSAR O., YANIK T., KOCAMAN E. M., ARSLAN M.  
Aquaculture Europe 2011, Greece, 18 - 21 October 2011
- XXI. **Effect of dietary diludine supplementation on growth and fatty acid composition of rainbow trout *oncorhynchus mykiss* juveniles**  
ARSLAN M., YANIK T., KOCAMAN E. M., HİSAR O.  
World Aquaculture 2011, Brazil, 6 - 10 June 2011
- XXII. **Hypoxia and temperature alter lipid and fatty acid accumulation in hybrid striped bass**  
Arslan M., Dabrowski K., Ludsın S., Sopkovich E.  
World Aquaculture, Natal, Brazil, 6 - 10 June 2011, pp.1-2
- XXIII. **Fatty acid composition of surubim (*Pseudoplatystoma* sp.) is affected by dietary protein-lipid levels**  
Arslan M., Dabrowski K.  
Aquaculture Europe, Krakow, Poland, 15 - 18 September 2008, pp.3-5
- XXIV. **Effects of protein, peptide and free amino acid-based diets in fish**  
Dabrowski K., Zhang Y. F., Kwasek K., Arslan M.

- Aquaculture Europe, Krakow, Poland, 15 - 18 September 2008, pp.1-2
- XXV. **İspir ve Pazaryolu İçin Alternatif Bir Gelir Kaynağı; Su ürünleri**  
YILDIRIM A., BEKTAŞ S., ARSLAN M.  
İspir-Pazaryolu Tarih, Kültür ve Ekonomi Sempozyumu, Erzurum, Turkey, 26 June 2008, pp.399-402
- XXVI. **Evsel atıkların Çoruh nehrinde meydana getirdiği kirliliğin bazı parametreler yönünden incelenmesi**  
BEKTAŞ S., DEMİRKAYA A. K., YILDIRIM A., ARSLAN M.  
İspir-Pazaryolu Tarih, Kültür ve Ekonomi Sempozyumu, Erzurum, Turkey, 26 June 2008, pp.557-562
- XXVII. **Effect of macronutrient composition, protein-lipid levels, in semi purified diets of surubim Pseudoplatystoma sp. on growth performance, nutrient utilization and activity of proteolytic enzymes**  
Dabrowski K., Arslan M., Wojtczak M., Ferrer S.  
World Aquaculture, Texas, United States Of America, 26 February - 02 March 2007, pp.1-2
- XXVIII. **Indispensible amino acid deprivation does not cause rapid amino acid depletion in fish body**  
Dabrowski K., Zhang Y. F., Arslan M., Terjesen B. F.  
World Aquaculture, Texas, United States Of America, 26 February - 02 March 2007, pp.1-2
- XXIX. **Şehir Deresinde (İspir Erzurum Türkiye) Evsel Atıkların Sebep Olduğu Kirliliğin Bazı Parametreler Yönünden İncelenmesi**  
BEKTAŞ S., YILDIRIM A., ARSLAN M.  
VI. Ulusal Ekoloji ve Çevre Kongresi, Diyarbakır, Turkey, 18 September 2006, pp.249-255
- XXX. **South American catfish Pseudoplatystoma sp. rearing on diets with different fatty acid profiles**  
Arslan M., Rinchar J., Portella M. C.  
World Aquaculture, Florence, Italy, 9 - 13 May 2006, pp.1-2
- XXXI. **Rearing of larval and juvenile South American catfish Pseudoplatystoma sp. using live and formulated diets**  
Dabrowski K., Arslan M., Portella M. C.  
World Aquaculture, Florence, Italy, 9 - 13 May 2006, pp.1-2
- XXXII. **Amino acid imbalances in fish diets: A new strategy for an old problem**  
Dabrowski K., Arslan M., Terjesen B. F., Zhang Y. F.  
Larvi 2005, Ghent, Belgium, 5 - 08 September 2005, pp.1-3
- XXXIII. **Farklı habitatlarda yaşayan Alabalıkların (Salmo trutta labrax, Pallas, 1811) boy kompozisyonlarının karşılaştırılması**  
ARSLAN M., YILDIRIM A., BEKTAŞ S., ATASEVER A.  
XI. Su Ürünleri Sempozyumu, Hatay, Turkey, 04 September 2001, vol.1, pp.443-448
- XXXIV. **Çoruh Havzası su potansiyeli, balık faunası ve değerlendirilebilme imkanları**  
YILDIRIM A., BEKTAŞ S., ARSLAN M., ATASEVER A.  
IV. Su Ürünleri Sempozyumu, Erzurum, Turkey, 28 June 2000, pp.21-30

## Supported Projects

- Arslan M., Türkay F. Ş. H., Turan M., Gültepe N., Ceyhun S. B., Topal A., Yıldırım E., Atasever A., Eroldoğan O. T., Oğuzhan Yıldız P., et al., TUBITAK Project, Tr.Aqua: Gıda Arzı Güvenliği Çerçevesinde Su Ürünlerinde Yenilikçi Ve Sürdürülebilir Uygulamalar, 2023 - 2027
- ARSLAN M., TACER TANAS Ş., Project Supported by Higher Education Institutions, Gökkuşluğu Alabalığında Oncorhynchus mykiss Bazı Biyolojik Parametreler ve Son Ürün Kalitesine Kızamık Berberis vulgaris Meyve Ekstraktının Etkisi, 2021 - 2023
- ARSLAN M., KORKMAZ F., Project Supported by Higher Education Institutions, Diyetsel Protein Kaynağı ve Yemleme Rejiminin Gökkuşluğu Alabalığında (Oncorhynchus mykiss Walbaum 1792) Büyüme, Protein Metabolizması, Bağırsak Histolojisi ve Kalite Parametreleri Üzerindeki Etkileri, 2019 - 2022
- Kırankaya Ş. G., Arslan M., Gençoğlu L., Aydın E., TUBITAK Project, İstilacı Gümüşü Havuz Balığı, Carassius gibelio (Bloch, 1782)'nun Sakarya İlindeki İç Su Balıkçılığına Etkisinin Belirlenmesi, 2019 - 2020

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

ARSLAN M., YANIK T., ERAT M., Project Supported by Higher Education Institutions, DİYETSEL E VİTAMİNİ VE DİLUDİNE MADDESİNİN GÖKKUŞAĞI ALABALIĞINDA BÜYÜME, LİPİT METABOLİZMASI VE ANTIÖKSİDAN SAVUNMA SİSTEMİNE SİNERJİK ETKİLERİ, 2016 - 2018

ARSLAN M., Project Supported by Higher Education Institutions, OKSİTLENMİŞ DİYETSEL YAĞ VE FINDIK YAĞI TAKVİYESİNİN GÖKKUŞAĞI ALABALIĞINDA BÜYÜME, LİPİT METABOLİZMASI VE ANTIÖKSİDAN SAVUNMA SİSTEMİNE ETKİLERİ, 2015 - 2017

Kaya M., Arslan M., Topal A., Kaban G., TUBITAK Project, Farklı Yağ Kaynakları ile Beslenen Gökkuşığı Alabalığında Kırmızı ve Beyaz Kastaki Yağ Asidi Kompozisyonu ve Yağ Asidi Dönüşüm Mekanizmaları ile Et Kalitesindeki Değişimlerin Araştırılması, 2014 - 2017

ARSLAN M., FAKIOĞLU Ö., Project Supported by Higher Education Institutions, YEMLERE FARKLI ORANLARDA KATILAN SU MERCİMEĞİNİN (LEMNA MİNOR) GÖKKUŞAĞI ALABALIĞINDA BÜYÜME, YAĞ ASİDİ KOMPOZİSYONU, BÜYÜME İLE İLGİLİ GENLERİ (GH, IGF) EKSPRESYONU VE ANTIÖKSİDAN ENZİM AKTİVİTESİ ÜZERİNE ETKİSİ, 2014 - 2015

ARSLAN M., Project Supported by Higher Education Institutions, DİYETSEL ZEOLİTİN GÖKKUŞAĞI ALABALIĞI YAVRULARINDA BÜYÜME, YAĞ ASİDİ KOMPOZİSYONU, BÜYÜME İLE İLGİLİ GENLERİ (GH, IGF) EKSPRESYONU VE ANTIÖKSİDAN ENZİM AKTİVİTESİ ÜZERİNE ETKİSİ, 2014 - 2015

KOCAMAN E. M., ARSLAN M., TUBITAK Project, Diyetel Diludine Maddesinin Gökkuşığı Alabalıklarında (Oncorhynchus mykiss) Üremeye Etkisi, 2012 - 2015

ARSLAN M., Project Supported by Higher Education Institutions, ÇORUH HAVZASI KAHVERENGİ ALABALIK (SALMO TRUTTA ) DAMIZLIKLARINDA SPERM KALİTESİNİN ÜREME BAŞARISINA ETKİSİ, 2012 - 2013

ARSLAN M., TUBITAK Project, Çoruh Havzası Alabalıklarında (Salmo trutta) Ebeveyn Özelliklerinin Yumurta ve Erken Yavru Dönemindeki Balıkların Nasıl Etkilediğinin Araştırılması, 2011 - 2013

ARSLAN M., Project Supported by Higher Education Institutions, SU KİRLİLİĞİNE BAĞLI OLARAK YUKARI ÇORUH HAVZASI'NDA YAŞAYAN BAZI BALIK TÜRLERİNİN (LEİCISCUS CEPHALUS VE CAPOETA TINCA) LİPİT VE YAĞ ASİTLERİ İÇERİKLERİ İLE LİPİT PEROKSİDASYON SEVİYELERİ VE ANTIÖKSİDAN ENZİM AKTİVİTELERİNİN BELİRLENMESİ, 2011 - 2012

ARSLAN M., TUBITAK Project, Teknoloji Kullanarak Düşük Sıcaklıkta Kültürü Yapılan Gökkuşığı Alabalıklarının Diludin İlavesiyle Verimliliklerinin Artırılması, 2010 - 2012

ARSLAN M., Project Supported by Higher Education Institutions, GÖKKUŞAĞI ALBALIĞI DİYETLERİNDE BALIK YAĞI YERİNE FARKLI DÜZEYLERDE FINDIK YAĞI KULLANIMININ BÜYÜME PERFORMANSI, YAĞ ASİDİ KOMPOZİSYONU VE E VİTAMİNİ İÇERİĞİNE ETKİSİ, 2010 - 2011

ARSLAN M., Other International Funding Programs, Broodstock development and larval feeding of Amazonian fishes., 2005 - 2006

ARSLAN M., Other International Funding Programs, Quantifying how parental attributes influence characteristics of early life history stages of Ohio stocks of Lake Erie walleye (Stizostedion), 2003 - 2006

## **Activities in Scientific Journals**

Aquatic Animal Reports, Committee Member, 2021 - Continues

The Trout Journal of Atatürk University, Committee Member, 2020 - Continues

Aquaculture Studies, Committee Member, 2018 - Continues

## **Memberships / Tasks in Scientific Organizations**

World Aquaculture Society, Member, 2005 - Continues

## Scientific Refereeing

ANIMALS, SCI Journal, November 2024  
AQUACULTURE, SCI Journal, October 2024  
Animal Nutrition, SCI Journal, October 2024  
AQUACULTURE INTERNATIONAL, SCI Journal, September 2024  
FISH PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, August 2024  
AQUACULTURE, SCI Journal, August 2024  
AQUACULTURE, SCI Journal, August 2024  
Animal Nutrition, SCI Journal, July 2024  
AQUACULTURE, SCI Journal, July 2024  
AQUACULTURE, SCI Journal, May 2024  
AQUACULTURE, SCI Journal, May 2024  
FISH PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, April 2024  
AQUACULTURE, SCI Journal, April 2024  
AQUACULTURE, SCI Journal, April 2024  
AQUACULTURE, SCI Journal, February 2024  
AQUACULTURE REPORTS, SCI Journal, January 2024  
VETERINARY RESEARCH COMMUNICATIONS, SCI Journal, December 2023  
AQUACULTURE REPORTS, SCI Journal, September 2023  
FRONTIERS IN IMMUNOLOGY, SCI Journal, August 2023  
AQUACULTURE , SCI Journal, July 2023  
FISHES, SCI Journal, July 2023  
SCIENTIFIC REPORTS, SCI Journal, July 2023  
AQUACULTURE, SCI Journal, April 2023  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, SCI Journal, April 2023  
SUSTAINABILITY, SCI Journal, March 2023  
PAKISTAN JOURNAL OF ZOOLOGY, SCI Journal, March 2023  
AQUACULTURE , SCI Journal, December 2022  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, SCI Journal, December 2022  
SAUDI JOURNAL OF BIOLOGICAL SCIENCES, SCI Journal, October 2022  
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CZECH JOURNAL OF ANIMAL SCIENCE, SCI Journal, October 2022  
FISHES, SCI Journal, August 2022  
SUSTAINABILITY, SCI Journal, June 2022  
AQUACULTURE, SCI Journal, June 2022  
SUSTAINABILITY, SCI Journal, May 2022  
AQUACULTURE, SCI Journal, May 2022  
AQUACULTURE, SCI Journal, May 2022  
SCIENTIFIC REPORTS, SCI Journal, May 2022  
AQUACULTURE INTERNATIONAL, SCI Journal, April 2022  
AQUACULTURE, SCI Journal, March 2022  
JOURNAL OF MARINE SCIENCE AND ENGINEERING, SCI Journal, February 2022  
AQUACULTURE NUTRITION, SCI Journal, January 2022  
ANIMALS, SCI Journal, January 2022  
SUSTAINABILITY, SCI Journal, January 2022  
SUSTAINABILITY, SCI Journal, December 2021  
AQUACULTURE NUTRITION, SCI Journal, October 2021  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, SCI Journal, August 2021  
TUBITAK Project, 3501 - National Young Researcher Career Development Program, TÜBİTAK, Turkey, August 2021

KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, SCI Journal, July 2021  
JOURNAL OF ANIMAL AND PLANT SCIENCES, SCI Journal, June 2021  
AQUACULTURE NUTRITION, SCI Journal, April 2021  
AQUACULTURE, SCI Journal, February 2021  
TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, TUBITAK, Turkey, December 2020  
AQUACULTURE NUTRITION, SCI Journal, November 2020  
TUBITAK Project, 1002 - Quick Support Program, TUBITAK, Turkey, October 2020  
TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Turkey, October 2020  
TUBITAK Project, 3501 - National Young Researcher Career Development Program, TUBITAK, Turkey, September 2020  
AQUACULTURE NUTRITION, SCI Journal, May 2020  
AQUACULTURE NUTRITION, SCI Journal, February 2020  
AQUACULTURE, SCI Journal, January 2020  
FOLIA ZOOLOGICA, SCI Journal, February 2019  
AQUACULTURE NUTRITION, SCI Journal, February 2019  
AQUACULTURE NUTRITION, SCI Journal, February 2019  
AQUACULTURE RESEARCH, SCI Journal, June 2018  
FISH PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, May 2018  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, SCI Journal, March 2018  
AQUACULTURE, SCI Journal, February 2018  
PLOS ONE, SCI Journal, January 2018  
AQUACULTURE RESEARCH, SCI Journal, October 2016  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, SCI Journal, June 2016  
AQUACULTURE RESEARCH, SCI Journal, February 2016  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, SCI Journal, December 2015  
AQUACULTURE RESEARCH, SCI Journal, June 2015  
NORTH AMERICAN JOURNAL OF AQUACULTURE, SCI Journal, November 2014  
NORTH AMERICAN JOURNAL OF AQUACULTURE, SCI Journal, August 2014  
AQUACULTURE RESEARCH, SCI Journal, November 2013

## **Tasks In Event Organizations**

Uçar A., Arslan M., TOPAL A., V. Balık Besleme ve Yem Teknolojisi Çalıştayı, Workshop Organization, Erzurum, Turkey, Eylül 2018

## **Metrics**

Publication: 88  
Citation (WoS): 300  
Citation (Scopus): 238  
H-Index (WoS): 10  
H-Index (Scopus): 8

## **Congress and Symposium Activities**

World Aquaculture Society AFRAQ2023, Attendee, Lusaka, Zambia, 2023  
Su Ürünleri Yetiştiriciliğinde Barajların Sürdürülebilir Fırsatları, Panelists, Şırnak, Turkey, 2022  
Zoological Emerging Scientific Trends (ZEST) - 2022, Invited Speaker, Lahore, Pakistan, 2022

World Fisheries Day - 2021, Invited Speaker, Lahore, Pakistan, 2021  
One Day International Seminar on "World Fisheries Day" – Support Sustainable Fishing & Fisheries Conservation, Invited Speaker, Lahore, Pakistan, 2020  
International Fisheries and Aquaculture Conference, Invited Speaker, Lahore, Pakistan, 2019  
International Fisheries and Aquaculture Conference, Attendee, Lahore, Pakistan, 2019  
International Fisheries and Aquaculture Conference, Session Moderator, Lahore, Pakistan, 2019  
World Aquaculture Conference, Attendee, Montpellier, France, 2018  
World Aquaculture Conference, Attendee, Cape-Town, South Africa, 2017  
World Aquaculture Conference, Session Moderator, Cape-Town, South Africa, 2017  
6th International Fisheries Symposium and Expo-17, Invited Speaker, Lahore, Pakistan, 2017  
6th International Fisheries Symposium and Expo-17, Attendee, Lahore, Pakistan, 2017  
World Aquaculture Society - LACQUA, Attendee, Lima, Peru, 2016  
World Aquaculture Society - LAQUA 2016, Session Moderator, Lima, Peru, 2016  
IV. Balık Besleme ve Yem Teknolojisi Çalıştayı, Invited Speaker, Adana, Turkey, 2016  
World Aquaculture Society - Middle East Aquaculture, Attendee, Dubai, United Arab Emirates, 2016  
World Aquaculture Society - LACQUA, Attendee, Fortaleza, Brazil, 2015  
World Aquaculture Society - LACQUA, Attendee, Guadalajara, Mexico, 2014  
16th International Symposium on Fish Nutrition and Feeding (ISFNF XVI), Attendee, Cairns, Australia, 2014  
World Aquaculture Society - LACQUA, Attendee, Villavicencio, Colombia, 2013  
World Aquaculture Conference, Attendee, Praha, Czech Republic, 2012  
World Aquaculture Conference, Attendee, Natal, Brazil, 2011  
14th International Symposium on Fish Nutrition & Feeding, Attendee, Qingdao, China, 2010  
European Aquaculture Conference, Attendee, İstanbul, Turkey, 2007  
Lake Erie Inland Waters Annual Research Review, Attendee, Ohio, United States Of America, 2006  
World Aquaculture Conference, Attendee, Florence, Italy, 2006  
Larvi 2005, Attendee, Ghent, Belgium, 2005

## **Scholarships**

Grant for advanced course: Fish nutrition - sustainability and product quality, Official Institutions of Foreign Countries, 2009 - Continues

## **Representation and Promotion Activities**

Institutional Representation, University of Education, Pakistan, Lahore, 2022 - 2022

## **Non Academic Experience**

Ohio State University  
Ohio State University