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International Researcher IDs

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Education Information

Doctorate, Mugla Sitki Kocman University, Institute Of Science, Turkey 2013 - 2016

Postgraduate, Mugla Sitki Kocman University, Institute Of Science, Turkey 2011 - 2013

Undergraduate, Mersin University, Faculty Of Aquaculture, Turkey 2005 - 2010

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Gökkuşluğu alabalığı (*Oncorhynchus mykiss*) yemlerinde yerfıstığı yağı ve unu kullanılmasının büyüme performansı, bazı kan parametreleri ve karaciğer histolojisine etkileri, Mugla Sitki Kocman University, Fen Bilimleri Enstitüsü, Su Ürünleri Mühendisliği Abd, 2016

Postgraduate, Karagöz Diplodus vulgaris (Geoffroy Saint-Hilaire, 1817) balıklarının yemlerinde balık unu yerine yağsız soya unu kullanılmasının büyüme performansı, yem değerlendirme, vücut kompozisyonu ve serum biyokimyasına etkisi, Mugla Sitki Kocman University, Fen Bilimleri Enstitüsü, Su Ürünleri Ühendisliği Abd, 2013

Research Areas

Seafood, Aquaculture, Marine Sciences and Technology, Industrial Engineering, Production Planning and Control, Ergonomics and Occupational Safety, Engineering Economics, Food Science

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Bayramiç Meslek Yüksekokulu, Ormancılık, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Bayramiç Meslek Yüksekokulu, Ormancılık, 2017 - 2018

Research Assistant, Mugla Sitki Kocman University, Faculty Of Aquaculture, Su Ürünleri Yetiştiriciliği, 2011 - 2016

- I. **Growth performance, health status, gut microbiome, and expression of immune and growth-related genes of rainbow trout (*Oncorhynchus mykiss*) fed diets with pea protein replacement of fish meal**
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Comparative Biochemistry and Physiology Part - B: Biochemistry and Molecular Biology, vol.273, 2024 (SCI-Expanded)
- II. **Biofloc System with Different Carbon Sources Improved Growth, Haematology, Nonspecific Immunity, and Resistivity against the *Aeromonas hydrophila* in Common Carp, *Cyprinus carpio***
Tasleem S., Alotaibi B. S., Masud S., Habib S. S., Acar Ü., Gualandi S. C., Ullah M., Khan K., Fazio F., Khayyam K.
AQUACULTURE RESEARCH, pp.1-11, 2024 (SCI-Expanded)
- III. **Dose-dependent stress response of esfenvalerate insecticide on common carp (*Cyprinus carpio*): Evaluating blood parameters and gene expression**
Navruz F. Z., ACAR Ü., YILMAZ S., Kesbiç O. S.
Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, vol.272, 2023 (SCI-Expanded)
- IV. **Dietary effect of grape (*Vitis vinifera*) seed extract mitigates hepatic disorders caused by oxidized fish oil in rainbow trout (*Oncorhynchus mykiss*)**
Terzi F., Demirci B., ACAR Ü., Yüksel S., Salum Ç., Erol H. S., Kesbiç O. S.
Fish Physiology and Biochemistry, vol.49, no.3, pp.441-454, 2023 (SCI-Expanded)
- V. **Effects of Replacement Cold Press Poppy Seed (*Papaver somniferum*) Oil to Fish Oil at Different Proportions on the Growth Performance, Blood Parameters, and Digestive Tracks Histopathology in Juvenile Common Carp (*Cyprinus carpio*)**
Kesbiç O. S., Acar Ü., Demirci B., Terzi F., Tezel R., Türker A., Güllü K., Erol H. S.
AQUACULTURE RESEARCH, pp.1-9, 2023 (SCI-Expanded)
- VI. **Evaluation of metabolic stress status in common carp (*Cyprinus carpio*) exposed to the fungicide folpet**
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COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY, PART C, vol.263, pp.1-6, 2023 (SCI-Expanded)
- VII. **Effects of Replacement Cold Press Poppy Seed (*Papaver somniferum*) Oil to Fish Oil at Different Proportions on the Growth Performance, Blood Parameters, and Digestive Tracks Histopathology in Juvenile Common Carp (*Cyprinus carpio*)**
KESBİÇ O. S., ACAR Ü., Demirci B., Terzi F., TEZEL R., TÜRKER A., GÜLLÜ K., Erol H. S.
AQUACULTURE RESEARCH, vol.2023, 2023 (SCI-Expanded)
- VIII. **Effects of Tomato Paste By-Product Extract on Growth Performance and Blood Parameters in Common Carp (*Cyprinus carpio*)**
Kesbiç O. S., ACAR Ü., Hassaan M. S., YILMAZ S., Guerrera M. C., Fazio F.
Animals, vol.12, no.23, 2022 (SCI-Expanded)
- IX. **The beneficial effects of citrus peel waste and its extract on fish performance and health status: A review**
KESBİÇ O. S., ACAR Ü., Mohammady E. Y., Salem S. M. R., Ragaza J. A., El-Haroun E., Hassaan M. S.
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- X. **Trace elements (Al, Cd, Cr, Cu, Fe, Mn, Ni, Pb and Zn) in *Mytilus galloprovincialis* and *Tapes decussatus* from Faro and Ganzirri Lakes (Sicily, Italy): Flow cytometry applied for hemocytes analysis**
Parrino V., Costa G., Giannetto A., De Marco G., Cammilleri G., ACAR Ü., Piccione G., Fazio F.
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.68, 2021 (SCI-Expanded)
- XI. **Evaluation of an innovative and sustainable pre-commercial compound as replacement of fish meal in diets for rainbow trout during pre-fattening phase: Effects on growth performances, haematological parameters and fillet quality traits**
ACAR Ü., Giannetto A., Giannetto D., Kesbiç O. S., YILMAZ S., Romano A., Tezel R., Türker A., Güllü K., Fazio F.
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- XII. **The ichthyofaunal diversity of freshwater ecosystems in Gökçeada Island (NW Turkey) under the pressure of nonnative species**

Ağdamar S., Saç G., Gaygusuz Ö., Doğan E., Acar Ü., Gürsoy Gaygusuz Ç., Özuluğ M.

Turkish Journal Of Zoology, vol.45, pp.570-578, 2021 (SCI-Expanded)

- XIII. **Effects of dietary *Ferula elaeochytris* root powder concentrations on haematology, serum biochemical parameters, spermatozoa parameters, and oxidative status in tissues of males goldfish (*Carassius auratus*)**
İNANAN B. E., ACAR Ü., İNANAN T.
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- XIV. **Does dietary incorporation level of pea protein isolate influence the digestive system morphology in rainbow trout (*Oncorhynchus mykiss*)?**
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ANATOMIA HISTOLOGIA EMBRYOLOGIA, vol.50, no.6, pp.956-964, 2021 (SCI-Expanded)
- XV. **Alterations in blood parameters, DNA damage, oxidative stress and antioxidant enzymes and immune-related genes expression in Nile tilapia (*Oreochromis niloticus*) exposed to glyphosate-based herbicide**
Acar Ü., İnanan B. E., Zemheri-Navruz F., Yılmaz S.
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- XVI. **Comparison of milt and blood parameters including testosterone and gonadotropins levels of sex-reversed female rainbow trout (*Oncorhynchus mykiss*) by different steroid hormones**
İnanan B. E., Acar Ü.
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- XVII. **Effects of Essential Oil Derived from the Bitter Orange (*Citrus aurantium*) on Growth Performance, Histology and Gene Expression Levels in Common Carp Juveniles (*Cyprinus carpio*)**
ACAR Ü., Kesbic O. S., YILMAZ S., Inanan B. E., Zemheri-Navruz F., Terzi F., Fazio F., Parrino V.
ANIMALS, vol.11, no.5, 2021 (SCI-Expanded)
- XVIII. **Effects of dietary fish oil replacement by poppy seed oil on growth performance and fillet quality of rainbow trout (*Oncorhynchus mykiss*)**
Örnek E., Acar Ü., Öğütçü M.
Aquaculture Research, vol.00, pp.1-12, 2021 (SCI-Expanded)
- XIX. **Effects of Monterey cypress (*Cupressus macrocarpa* Hartw) leaf essential oil as a dietary supplement on growth performance and haematological and biochemical parameters of common carp (*Cyprinus carpio* L.)**
Kesbiç O. S., Parrino V., ACAR Ü., YILMAZ S., Paro G. L., FAZIO F.
Annals of Animal Science, vol.20, no.4, pp.1411-1426, 2020 (SCI-Expanded)
- XX. **Dietary supplementation of olive leaf extract enhances growth performance, digestive enzyme activity and growth related genes expression in common carp *Cyprinus carpio***
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GENERAL AND COMPARATIVE ENDOCRINOLOGY, vol.296, 2020 (SCI-Expanded)
- XXI. **Effects of bergamot (*Citrus bergamia*) peel oil-supplemented diets on growth performance, haematology and serum biochemical parameters of Nile tilapia (*Oreochromis niloticus*)**
KESBİÇ O. S., ACAR Ü., YILMAZ S., AYDIN Ö. D.
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- XXII. **A comparative evaluation of hematological and biochemical parameters between the Italian mullet *Mugil cephalus* (Linnaeus 1758) and the Turkish mullet *Chelon auratus* (Risso 1810)**
Fazio F., Saoca C., ACAR Ü., TEZEL R., Celik M., YILMAZ S., KESBİÇ O. S., Yalgin F., YİĞİT M.
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- XXIII. **Effects of dietary Bergamot (*Citrus bergamia*) peel oil on growth, haematology and immune response of European sea bass (*Dicentrarchus labrax*) juveniles**
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- XXIV. **Dietary supplementation of olive leaf extract increases haematological, serum biochemical**

parameters and immune related genes expression level in common carp (*Cyprinus carpio*) juveniles
Zemheri-Navruz F., ACAR Ü., YILMAZ S.

FISH & SHELLFISH IMMUNOLOGY, vol.89, pp.672-676, 2019 (SCI-Expanded)

- XXV. **Gibel Carp (*Carassius auratus gibelio*) Meal as an Alternative Major Protein in Feeds for Rainbow Trout Juveniles (*Oncorhynchus mykiss*)**
ACAR Ü., KESBİÇ O. S., YILMAZ S., KESBİÇ F. I., GÜLTEPE N.
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- XXVI. **Comparative study on haematological and biochemical parameters of two wild sparid fish species**
ACAR Ü., Saoca C., KESBİÇ O. S., YILMAZ S., YİĞİT M., İNANAN B. E., Fazio F.
CAHIERS DE BIOLOGIE MARINE, vol.60, no.1, pp.51-57, 2019 (SCI-Expanded)
- XXVII. **Acute exposure to boron in Nile tilapia (*Oreochromis niloticus*): Median-lethal concentration (LC50), blood parameters, DNA fragmentation of blood and sperm cells**
ACAR Ü., İNANAN B. E., ZEMHERİ F., KESBİÇ O. S., YILMAZ S.
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- XXVIII. **Hot pepper (*Capsicum* sp.) oil and its effects on growth performance and blood parameters in rainbow trout (*Oncorhynchus mykiss*)**
Parrino V., Kesbic O. S., ACAR Ü., Fazio F.
NATURAL PRODUCT RESEARCH, vol.32, pp.1-6, 2018 (SCI-Expanded)
- XXIX. **Effects of diet supplemented with ethanolic extract of propolis on growth performance, hematological and serum biochemical parameters and disease resistance of Mozambique tilapia (*Oreochromis mossambicus*) against *Streptococcus iniae***
ACAR Ü.
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- XXX. **Evaluation of Dietary Protein Level in Practical Feed for Twoband Bream *Diplodus vulgaris***
YİĞİT M., Sahinyilmaz M., ACAR Ü., Kesbic O., YILMAZ S., BULUT M., Gurses K., Maita M.
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- XXXI. **Dietary olive leaf (*Olea europea* L.) extract alters some immune gene expression levels and disease resistance to *Yersinia ruckeri* infection in rainbow trout *Oncorhynchus mykiss***
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- XXXII. **Growth performance, haematological and serum biochemical profiles in rainbow trout (*Oncorhynchus mykiss*) fed diets with varying levels of lupin (*Lupinus albus*) meal**
ACAR Ü., KESBİÇ O. S., YILMAZ S., KARABAYIR A.
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- XXXIII. **Effects of Different Levels of Pomegranate Seed Oil on Some Blood Parameters and Disease Resistance Against *Yersinia ruckeri* in Rainbow Trout**
ACAR Ü., Parrino V., KESBİÇ O. S., Lo Paro G., Saoca C., Abbate F., YILMAZ S., Fazio F.
FRONTIERS IN PHYSIOLOGY, vol.9, 2018 (SCI-Expanded)
- XXXIV. **Response of Rainbow trout (*Oncorhynchus mykiss*) to unrefined peanut oil diets: Effect on growth performance, fish health and fillet fatty acid composition**
Acar Ü., Turker A.
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- XXXV. **Human exposure to trace elements via farmed and cage aggregated wild Axillary seabream (*Pagellus acarne*) in a copper alloy cage site in the Northern Aegean Sea**
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JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.50, pp.356-361, 2018 (SCI-Expanded)
- XXXVI. **Pre-challenge and post-challenge haemato-immunological changes in *Oreochromis niloticus* (Linnaeus, 1758) fed argan oil against *Lactococcus garvieae***
BABA E., Acar U., YILMAZ S., Ontas C., KESBİÇ O. S.
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- XXXVII. **Evaluation of Citrus limon peels essential oil on growth performance, immune response of Mozambique tilapia *Oreochromis mossambicus* challenged with *Edwardsiella tarda***
baba e., ACAR Ü., öntaş c., kesbiç o. s., YILMAZ S.
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- XXXVIII. **Comparative Study of Some Hematological and Biochemical Parameters of Italian and Turkish Farmed Rainbow Trout *Oncorhynchus Mykiss* (Walbaum, 1792)**
Fazio F., Saoca C., Piccione G., Kesbiç O. S., ACAR Ü.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.16, no.3, pp.715-721, 2016 (SCI-Expanded)
- XXXIX. **Beneficial effects of Oral Allspice, *Pimenta dioica* powder supplementation on the hemato-immunological and serum biochemical responses of *Oreochromis mossambicus***
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AQUACULTURE RESEARCH, vol.47, no.9, pp.2697-2704, 2016 (SCI-Expanded)
- XL. **Beneficial Effects of Oral Allspice, *Pimenta dioica* Powder Supplementation on The Hemato-Immunological and Serum Biochemical Responses of *Oreochromis mossambicus*.**
Güllü K., ACAR Ü., Kesbiç O. S., YILMAZ S., Ağdamar S., ERGÜN S., Türker A.
AQUACULTURE RESEARCH, vol.47, no.9, pp.2697-2704, 2016 (SCI-Expanded)
- XLII. **The Use of *Avena sativa* Extract against *Aeromonas hydrophila* and Its Effect on Growth Performance, Hematological and Immunological Parameters in Common Carp (*Cyprinus carpio*).**
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ITALIAN JOURNAL OF ANIMAL SCIENCE, no.2, pp.325-333, 2016 (SCI-Expanded)
- XLIII. **Defatted Peanut Meal (*Arachis hypogaea*) as a Complementary Protein Source in Diets for Mozambique Tilapia (*Oreochromis mossambicus*) Fry and Effect on Fatty Acid Composition**
Yıldırım Ö., Acar Ü.
PAKISTAN JOURNAL OF ZOOLOGY, vol.48, no.2, pp.377-382, 2016 (SCI-Expanded)
- XLIV. **Effects of Tank Color on Growth Performance and Nitrogen Excretion of European Seabass (*Dicentrarchus labrax*) Juveniles**
Kesbiç O. S., YİĞİT M., Acar Ü.
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- XLV. **The use of *Avena sativa* extract against *Aeromonas hydrophila* and its effect on growth performance, hematological and immunological parameters in common carp (*Cyprinus carpio*)**
BABA E., Acar Ü., Ontas C., KESBİÇ O. S., YILMAZ S.
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- XLVI. **Mitochondrial genetic variations of an introduced freshwater fish, goldfish *Carassius auratus* at the frontier between Europe and Asia (western Anatolia, Turkey): proximity to Europe rather than East Asia?**
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- XLVII. **Unrefined Peanut Oil as a Lipid Source in Diets for Juveniles of Two-banded Seabream *Diplodus vulgaris***
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NORTH AMERICAN JOURNAL OF AQUACULTURE, vol.78, no.1, pp.64-71, 2016 (SCI-Expanded)
- XLVIII. **Unrefined Peanut Oil as a Lipid Source in Diets for Two-banded Seabream *Diplodus vulgaris* Juveniles. North American Journal of Aquaculture.**
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- XLIX. **Effects of dietary allspice, *Pimenta dioica* powder on physiological responses of *Oreochromis mossambicus* under low pH stress**
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- XLIX. **Occurrence of the Erythrean invader *Pteragogus pelycus* Randall, 1981 (Teleostei: Labridae) from**

the eastern Aegean Sea

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JOURNAL OF APPLIED ICHTHYOLOGY, vol.31, no.3, pp.538-540, 2015 (SCI-Expanded)

- L. **Effects of dietary Allspice, Pimenta dioica powder on physiological responses of Oreochromis mossambicus under low pH stress.** SpringerPlus,
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- LI. **Occurrence of the Erythrean invader Pteragogus pelycus Randall, 1981 (Teleostei: Labridae) in the eastern Aegean sea**
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- LII. **Evaluation of the effects of essential oil extracted from sweet orange peel (Citrus sinensis) on growth rate of tilapia (Oreochromis mossambicus) and possible disease resistance against Streptococcus iniae**
Acar Ü., KESBİÇ O. S., YILMAZ S., GÜLTEPE N., TÜRKER A.
AQUACULTURE, vol.437, pp.282-286, 2015 (SCI-Expanded)
- LIIL. **Effects of Dietary Fish Oil Replacement by Unrefined Peanut Oil on the Growth, Serum Biochemical and Hematological Parameters of Mozambique Tilapia Juveniles (Oreochromis mossambicus)**
Demir O., Türker A., ACAR Ü., Kesbiç O. S.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.14, no.4, pp.887-892, 2014 (SCI-Expanded)
- LIV. **Replacement of Fish Meal with Fish Processing by-Product Silage in Diets for the Rainbow Trout, Oncorhynchus mykiss**
Güllü K., ACAR Ü., Tezel R., Yozukmaz A.
PAKISTAN JOURNAL OF ZOOLOGY, vol.46, no.6, pp.1697-1703, 2014 (SCI-Expanded)
- LV. **. Effect of Dietary Protein Level on Growth Performance and Nitrogen Excretion of the Juvenile Convict Cichlid, Amatitlania nigrofasciata**
Gültepe N., ACAR Ü., Kesbiç O. S., Gökkuş K., Aydın S.
ASIAN JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.13, no.6, pp.390-394, 2014 (SCI-Expanded)
- LVI. **Effects of Prebiotic Mannanoligosaccharides on Histology and Biochemical Blood Parameters of Gilthead Seabream, Sparus aurata**
Gültepe N., Kesbiç O. S., ACAR Ü., Gökkuş K., Gültepe M. İ., Sönmez A. Y., Bilen S., Aydın S.
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- LVII. **Evaluation of dietary protein and lipid requirements of two-banded seabream (Diplodus vulgaris) cultured in a recirculating aquaculture system**
BULUT M., YİĞİT M., ERGÜN S., Kesbiç O. S., Acar U., Gultepe N., Karga M., YILMAZ S., Guroy D.
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- LVIII. **Evaluation of heavy metals and selenium contents in the muscle tissues of rainbow trout (Oncorhynchus mykiss Walbaum, 1792) in Western Anatolia**
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- LIX. **Effects of Replacing Fish Meal with Peanut Meal (Arachis hypogaea) on Growth, Feed Utilization and Body Composition of Mozambique Tilapia Fries (Oreochromis mossambicus)**
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- LX. **New Mediterranean Biodiversity Records (October, 2014)**
Katsanevakis S., Acar U., Ammar I., Balci B. A., Bekas P., Belmonte M., Chintiroglou C. C., Consoli P., Dimiza M., Fryganiotis K., et al.
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- LXI. **The effects of partial or total replacement of fish oil by unrefined peanut oil on growth performance and body chemical composition of Common carp (Cyprinus carpio)**
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- LXII. **he effect of dietary soybean meal on growth, nutrient utilization, body composition and some serum biochemistry variables of two banded seabream, *Diplodus vulgaris* (Geoffroy Saint-Hilaire, 1817).**
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Articles Published in Other Journals

- I. **Glifosat Bazlı Herbisitin Erkek Nil Tilapiyası (*Oreochromis niloticus*) Üreme Dokuları ve Sperm Hücreleri Üzerine Etkileri**
ACAR Ü., İNANAN B. E., ZEMHERİ NAVRUZ F., YILMAZ S.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.9, no.4, pp.916-924, 2022 (Peer-Reviewed Journal)
- II. **New record and rare occurrence of European eel (*Anguilla anguilla*) from freshwater bodies in Karaburun Peninsula (İzmir, Türkiye): Anthropogenic pressures on the fish movements**
Ağdamar S., Acar Ü.
Turkish Journal of Bioscience and Collections, vol.6, no.1, pp.15-20, 2022 (Peer-Reviewed Journal)
- III. **Evaluation of Sugar Beet Leave Extracts in Goldfish (*Carassius auratus*) Diets: Effects on Blood and Semen Parameters**
İNANAN B. E., ACAR Ü.
ACTA AQUATICA TURCICA, vol.15, no.4, pp.458-468, 2019 (Peer-Reviewed Journal)
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