

## Prof. MURAT YIĞİT

### Personal Information

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### Biography

My research interests are in the field of Aquaculture, Aquaculture Nutrition, Offshore Aquaculture Systems, Environmental impacts of fish farms, and Integrated Multi-trophic Aquaculture. In the area of aquaculture nutrition I am working on protein-energy optimization, environment friendly and cost-effective diets with alternative protein or lipid sources. In the area of aquaculture and environmental interactions, I am working on metabolic waste outputs from fish farms and the integration of multi-trophic culture systems. My recent research projects are in the field of Open Ocean Aquaculture Systems with environment-friendly nettings such as Copper Alloy mesh technology and trace metal human health risk assessment funded by ICA - USA.

### Education Information

Doctorate, Canakkale Onsekiz Mart University, Mekanik Ve Makine Elemanları, Su Ürünleri Yetiştiriciliği, Turkey 1997 - 2001

Postgraduate, Ondokuz Mayıs University, Institute Of Science, Su Ürünleri Yetiştiriciliği, Turkey 1994 - 1996

Undergraduate, Ondokuz Mayıs University, Sinop Faculty Of Fisheries, Turkey 1989 - 1993

### Foreign Languages

English, C1 Advanced

German, C1 Advanced

Japanese, B2 Upper Intermediate

### Certificates, Courses and Trainings

Foreign Language, Japanese Language Course, Kumamoto University, Ryugakusei Language Center, Kumamoto-Shi, JAPAN, 1998

### Dissertations

Doctorate, Farklı protein ve enerji oranlarının Japon pisi balığı (*Paralichthys olivaceus*) yavrularında gelişme, balık vücudunun kimyasal yapısı nitrojen boşaltımı ve yemlerin sindirilme oranı üzerine etkileri, Ondokuz Mayıs University, Su Ürünleri, Su Ürünleri, 2001

## Research Areas

Agricultural Sciences, Seafood, Aquaculture, Marine Sciences and Technology, Engineering and Technology

## Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri Ve Teknolojisi Fakültesi, Deniz Teknoloji Mühendisliği, 2012 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri Ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiriciliği, 2006 - 2012

Assistant Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri Ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiriciliği, 2003 - 2006

Assistant Professor, University of New Hampshire, Usa-Unh, Ocean Engineering Institute, Mechanical And Ocean Engineering, 2005 - 2005

Research Assistant PhD, Ondokuz Mayıs University, Sinop Faculty Of Fisheries, Su Ürünleri Yetiştiriciliği, 2001 - 2003

Research Assistant, Ondokuz Mayıs University, Sinop Faculty Of Fisheries, Su Ürünleri Yetiştiriciliği, 1994 - 2001

Research Assistant, Kyushu Üniversitesi, Japan Kagoshima Uni. Faculty Of Fisheries, Marine Nutrition, 1998 - 2000

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

- I. **Biofouling Control of Invasive Zebra Mussel (*Dreissena polymorpha*) Using Acoustic Energy**  
Kusku H., Yigit M., Yilmaz S., Yigit Ü., Ergün S.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.31, no.4, pp.1-7, 2022 (Journal Indexed in SCI Expanded)
- II. **Physical carrying capacity of a potential aquaculture site in the Mediterranean: the case of Sigacik Bay, Turkey**  
Yiğit M., Ergün S., Büyükkateş Y., Ateş A. S., Özdilek H. G.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, pp.9753-9759, 2021 (Journal Indexed in SCI Expanded)
- III. **Dietary supplementation of black mulberry (*Morus nigra*) syrup improves the growth performance, innate immune response, antioxidant status, gene expression responses, and disease resistance of Nile tilapia (*Oreochromis niloticus*)**  
Yilmaz S., Ergün S., Yiğit M., Yilmaz E., Ahmadifar E.  
Fish & Shellfish Immunology, vol.107, pp.211-217, 2020 (Journal Indexed in SCI Expanded)
- IV. **Nutritional quality of amino acid in farmed, farm-aggregated and wild Axillary seabream (*Pagellus acarne*) with implications to Human Health**  
ÖZTEKİN A., YIĞİT M., KIZILKAYA B., Uçyol N., Tan E., YILMAZ S., BULUT M., AYAZ A., ERGÜN S.  
AQUACULTURE RESEARCH, vol.51, no.5, pp.1844-1853, 2020 (Journal Indexed in SCI)
- V. **Acoustic effects of underwater drilling and piling noise on growth and physiological response of Nile tilapia (*Oreochromis niloticus*)**  
KUŞKU H., YIĞİT M., YILMAZ S., YIĞİT M., ERGÜN S.  
AQUACULTURE RESEARCH, 2020 (Journal Indexed in SCI)
- VI. **Health Risks Associated with Trace Metals in Gilthead Seabream (*Sparus aurata*) from Copper Alloy and Antifouling-Coated Polymer Nets**  
YIĞİT M., Dwyer R., YILMAZ S., BULUT M., Ozalp B., BÜYÜKATEŞ Y., ERGÜN S., Celikkol B., KIZILKAYA B., YIĞİT M., et al.  
THALASSAS, vol.36, no.1, pp.95-101, 2020 (Journal Indexed in SCI)
- VII. **Effect of combination of dietary *Bacillus subtilis* and trans-cinnamic acid on innate immune responses and resistance of rainbow trout, *Oncorhynchus mykiss* to *Yersinia ruckeri***  
YILMAZ S., ERGÜN S., YIĞİT M., ÇELİK E. Ş.  
AQUACULTURE RESEARCH, vol.51, no.2, 2020 (Journal Indexed in SCI)
- VIII. **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., YIĞİT M.  
TURKISH JOURNAL OF ZOOLOGY, vol.44, no.1, pp.22-30, 2020 (Journal Indexed in SCI)

- IX. **Effect of combination of dietary Bacillus subtilis and trans - cinnamic acid on innate immune responses and resistance of rainbow trout, Oncorhynchus mykiss to Yersinia ruckeri**  
YILMAZ S., ERGÜN S., YIĞİT M., ÇELİK E. Ş.  
AQUACULTURE RESEARCH, vol.50, no.12, pp.555-565, 2019 (Journal Indexed in SCI)
- X. **Dietary trans-cinnamic acid application for rainbow trout (Oncorhynchus mykiss): II. Effect on antioxidant status, digestive enzyme, blood biochemistry and liver antioxidant gene expression responses**  
YILMAZ S., ERGÜN S., ÇELİK E. Ş. , YIĞİT M., Bayizit C.  
AQUACULTURE NUTRITION, vol.25, no.6, pp.1207-1217, 2019 (Journal Indexed in SCI)
- XI. **Environmental Characteristics in a Fish Farm with Copper Alloy Cage System in the Dardanelles**  
Uzundumlu S., BÜYÜKATEŞ Y., YIĞİT M., BULUT M., GÜRSES R. K. , ÇELİKKOL B.  
PAKISTAN JOURNAL OF ZOOLOGY, pp.1-7, 2019 (Journal Indexed in SCI Expanded)
- XII. **Environmental Characteristics in a Fish Farm with Copper Alloy Cage System in the Dardanelles**  
Uzundumlu S., BÜYÜKATEŞ Y., YIĞİT M., BULUT M., Gürses R. K. , Celikkol B.  
PAKISTAN JOURNAL OF ZOOLOGY, vol.1, pp.1-7, 2019 (Journal Indexed in SCI Expanded)
- XIII. **Impacts of Urban Noise and Musical Stimuli on Growth Performance and Feed Utilization of Koi fish (Cyprinus carpio) in Recirculating Water Conditions**  
KUŞKU H., ERGÜN S., YILMAZ S., GÜROY B., YIĞİT M.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.19, no.6, pp.513-523, 2019 (Journal Indexed in SCI)
- XIV. **Structural and chemical changes of grape seed extract after thermal processing and its use in rainbow trout (Oncorhynchus mykiss) diets as an organic feed supplement**  
KESBİÇ O. S. , YIĞİT M.  
AQUACULTURE, vol.503, pp.275-281, 2019 (Journal Indexed in SCI)
- XV. **Comparative study on haematological and biochemical parameters of two wild sparid fish species**  
ACAR Ü., Saoca C., KESBİÇ O. S. , YILMAZ S., YIĞİT M., İNANAN B. E. , Fazio F.  
CAHIERS DE BIOLOGIE MARINE, vol.60, no.1, pp.51-57, 2019 (Journal Indexed in SCI)
- XVI. **Effects of dietary FARMARIN® XP supplement on immunological responses and disease resistance of rainbow trout (Oncorhynchus mykiss)**  
YILMAZ S., ERGÜN S., YIĞİT M.  
AQUACULTURE, vol.496, pp.211-220, 2018 (Journal Indexed in SCI Expanded)
- XVII. **Effects of dietary FARMARIN (R) XP supplement on immunological responses and disease resistance of rainbow trout (Oncorhynchus mykiss)**  
YILMAZ S., ERGÜN S., YIĞİT M.  
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- XVIII. **Evaluation of Dietary Protein Level in Practical Feed for Twoband Bream Diplodus vulgaris**  
YIĞİT M., Sahinyilmaz M., ACAR Ü., Kesbic O., YILMAZ S., BULUT M., Gurses K., Maita M.  
NORTH AMERICAN JOURNAL OF AQUACULTURE, vol.80, no.4, pp.379-387, 2018 (Journal Indexed in SCI)
- XIX. **Effects of dietary humic acid on growth performance, haemato-immunological and physiological responses and resistance of Rainbow trout, Oncorhynchus mykiss to Yersinia ruckeri**  
YILMAZ S., ERGÜN S., ÇELİK E. Ş. , YIĞİT M.  
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- XX. **Adaptation, growth and bio-economic evaluation of wild-caught salema (Sarpa Salpa Linnaeus, 1758) juveniles in culture conditions**  
Sahinyilmaz M., YIĞİT M.  
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.47, no.3, pp.694-701, 2018 (Journal Indexed in SCI)
- XXI. **ADAPTATION, GROWTH AND BIO-ECONOMIC EVALUATION OF WILD-CAUGHT SALEMA (Sarpa salpa Linnaeus, 1758) JUVENILES IN CULTURE CONDITIONS**

- Şahinyılmaz M., YİĞİT M.  
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- XXII. **Bioaccumulation of trace metals in Mediterranean mussels (*Mytilus galloprovincialis*) from a fish farm with copper-alloy mesh pens and potential risk assessment**  
YİĞİT M., Celikkol B., YILMAZ S., BULUT M., Ozalp B., Dwyer R. L. , Maita M., KIZILKAYA B., YİĞİT M., ERGÜN S., et al.  
HUMAN AND ECOLOGICAL RISK ASSESSMENT, vol.24, no.2, pp.465-481, 2018 (Journal Indexed in SCI)
- XXIII. **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**  
YİĞİT M., DWYER R., Celikkol B., YILMAZ S., BULUT M., BÜYÜKATEŞ Y., Kesbic O. S. , ACAR Ü., Ozalp B., MAITA M., et al.  
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.50, pp.356-361, 2018 (Journal Indexed in SCI)
- XXIV. **Bio-economic efficiency of copper alloy mesh technology in offshore cage systems for sustainable aquaculture**  
YİĞİT Ü., ERGÜN S., BULUT M., Celikkol B., YİĞİT M.  
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.46, no.10, pp.2017-2024, 2017 (Journal Indexed in SCI)
- XXV. **Bioeconomic Efficiency of Copper Alloy Mesh Technology in Offshore Cage Systems for Sustainable Aquaculture**  
Yigit U., ERGÜN S., BULUT M., ÇELİKKOL B., YİĞİT M.  
INDIAN JOURNAL OF MARINE SCIENCES, vol.46, no.10, pp.2017-2024, 2017 (Journal Indexed in SCI Expanded)
- XXVI. **Monitoring of trace metals biochemical composition and growth of Axillary seabream *Pagellus acarne* Risso 1827 in offshore copper alloy mesh cages**  
BULUT M., Celikkol B., KIZILKAYA B., ÖZALP H. B. , DeCew J., YİĞİT M., Dwyer R., YILMAZ S., Yigit U., Yıldız H., et al.  
MEDITERRANEAN MARINE SCIENCE, vol.17, no.2, pp.396-403, 2017 (Journal Indexed in SCI)
- XXVII. **Effects of Tank Color on Growth Performance and Nitrogen Excretion of European Seabass (*Dicentrarchus labrax*) Juveniles**  
Kesbiç O. S. , YİĞİT M., Acar Ü.  
Proceedings of the National Academy of Sciences India Section B - Biological Sciences, vol.86, no.1, pp.205-210, 2016 (Journal Indexed in SCI Expanded)
- XXVIII. **Unrefined Peanut Oil as a Lipid Source in Diets for Juveniles of Two banded Seabream *Diplodus vulgaris***  
KESBIC O. S. , ACAR U., YİĞİT M., BULUT M., GULTEPE N., YILMAZ S.  
NORTH AMERICAN JOURNAL OF AQUACULTURE, vol.78, no.1, pp.64-71, 2016 (Journal Indexed in SCI)
- XXIX. **Monitoring of trace metals, biochemical composition and growth of Axillary seabream (*Pagellus acarne* Risso, 1827) in offshore copper alloy mesh cages**  
YİĞİT M., Celikkol B., BULUT M., DeCew J., ÖZALP H. B. , YILMAZ S., KAYA H., KIZILKAYA B., HİSAR O., YILDIZ H., et al.  
MEDITERRANEAN MARINE SCIENCE, vol.17, no.1, pp.1-24, 2016 (Journal Indexed in SCI Expanded)
- XXX. **Unrefined Peanut Oil as a Lipid Source in Diets for Two-banded Seabream *Diplodus vulgaris* Juveniles. North American Journal of Aquaculture.**  
Kesbiç O. S. , ACAR Ü., YİĞİT M., BULUT M., Gültepe N., YILMAZ S.  
NORTH AMERICAN JOURNAL OF AQUACULTURE, no.1, pp.64-71, 2016 (Journal Indexed in SCI Expanded)
- XXXI. **Monitoring of trace metals, biochemical composition and growth of Axillary seabream (*Pagellus acarne* Risso, 1827) in offshore copper alloy mesh cages**  
YİĞİT M., Celikkol B., BULUT M., DeCew J., ÖZALP H. B. , YILMAZ S., KAYA H., KIZILKAYA B., HİSAR O., YILDIZ H., et al.  
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- XXXII. **Unrefined Peanut Oil as a Lipid Source in Diets for Juveniles of Two-banded Seabream *Diplodus vulgaris***  
Kesbic O. S. , Acar U., YİĞİT M., BULUT M., Gultepe N., YILMAZ S.  
NORTH AMERICAN JOURNAL OF AQUACULTURE, vol.78, no.1, pp.64-71, 2016 (Journal Indexed in SCI)
- XXXIII. **Monitoring of trace metals, biochemical composition and growth of Axillary seabream (*Pagellus acarne* Risso, 1827) in offshore copper alloy mesh cages**  
YİĞİT M., Celikkol B., BULUT M., DeCew J., ÖZALP H. B. , YILMAZ S., KAYA H., KIZILKAYA B., HİSAR O., YILDIZ H., et al.

- MEDITERRANEAN MARINE SCIENCE, vol.17, no.1, pp.1-24, 2015 (Journal Indexed in SCI Expanded)
- XXXIV. **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., Kesbic O. S. , Acar U., Gultepe N., Karga M., YILMAZ S., Guroy D.  
AQUACULTURE INTERNATIONAL, vol.22, no.3, pp.965-973, 2014 (Journal Indexed in SCI)
- XXXV. **EVALUATION OF THE RECOVERY TIME OF SEA BASS (*DICENTRARCHUS LABRAX LINNAEUS*, 1758) JUVENILES FROM TRANSPORT AND HANDLING STRESS: USING AMMONIA NITROGEN EXCRETION RATES AS A STRESS INDICATOR**  
Kayali B., YİĞİT M., BULUT M.  
JOURNAL OF MARINE SCIENCE AND TECHNOLOGY-TAIWAN, vol.19, no.6, pp.681-685, 2011 (Journal Indexed in SCI)
- XXXVI. **Effect of dietary *Ulva* and *Spirulina* on weight loss and body composition of rainbow trout, *Oncorhynchus mykiss* (Walbaum), during a starvation period**  
Guroy D., Guroy B., Merrifield D. L. , ERGÜN S., Tekinay A. A. , YİĞİT M.  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, vol.95, no.3, pp.320-327, 2011 (Journal Indexed in SCI)
- XXXVII. **EVALUATION OF SOYBEAN MEAL AS A PROTEIN SOURCE AND ITS EFFECT ON GROWTH AND NITROGEN UTILIZATION OF BLACK SEA TURBOT (*PSETTA MAEOTICA*) JUVENILES**  
YİĞİT M., ERGÜN S., Turker A., Harmantepe B., Erteken A.  
JOURNAL OF MARINE SCIENCE AND TECHNOLOGY-TAIWAN, vol.18, no.5, pp.682-688, 2010 (Journal Indexed in SCI)
- XXXVIII. **Evaluation of Soybean Meal as a Protein Source and Its Effect on Growth and Nitrogen Utilization of Black Sea Turbot (*Psetta maeotica*) Juveniles.**  
YİĞİT M., ERGÜN S., Türker A., HARMANTEPE F. B. , Erteken A.  
JOURNAL OF MARINE SCIENCE AND TECHNOLOGY-TAIWAN, vol.18, no.5, pp.682-688, 2010 (Journal Indexed in SCI)
- XXXIX. **Growth performance and feed utilization of *Tilapia zillii* (Gervais, 1848) fed partial or total replacement of fish meal with poultry by-product meal**  
Yildirim O., Turker A., ERGÜN S., YİĞİT M., Gulsahin A.  
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.13, pp.3092-3096, 2009 (Journal Indexed in SCI)
- XL. **Partial Replacement of Fishmeal by Defatted Soybean Meal in Diets for Black Sea Turbot (*Psetta maeotica*): Growth and Nutrient Utilization in Winter**  
ERGÜN S., YİĞİT M., Turker A., Harmantepe B.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.60, no.3, pp.177-184, 2008 (Journal Indexed in SCI)
- XLI. **Incorporation of soybean meal and hazelnut meal in diets for Black Sea turbot (*Scophthalmus maeoticus*)**  
ERGÜN S., YİĞİT M., Turker A., Harmantepe B.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.60, no.1, pp.27-36, 2008 (Journal Indexed in SCI)
- XLII. **Incorporation of Soybean Meal with Hazelnut Meal in Diet for Black Sea Turbot (*Scophthalmus maeoticus*)**  
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ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.60, no.1, pp.27-36, 2008 (Journal Indexed in SCI)
- XLIII. **EFFECTS OF DIETARY NATURAL ZEOLITE LEVELS ON AMMONIA EXCRETION RATES IN YOUNG RAINBOW TROUTS (*Oncorhynchus mykiss*)**  
ERGÜN S., Tekeşoğlu H., YİĞİT M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, no.2, pp.245-248, 2008 (Journal Indexed in SCI Expanded)
- XLIV. **Effects of dietary natural zeolite levels on ammonia excretion rates in young rainbow trouts (*Oncorhynchus mykiss*)**  
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- XLV. **Substituting fish meal with poultry by-product meal in diets for black Sea turbot *Psetta maeotica***

- Yigit M., Erdem M., Koshio S., Ergun S., Turker A., Karaali B.  
AQUACULTURE NUTRITION, vol.12, no.5, pp.340-347, 2006 (Journal Indexed in SCI)
- XLVI. **Yiğit, M., Erdem, M., Koshio, S., Ergün, S., Türker, A. and Karaali, B., 2006. Substituting Fish Meal with Poultry By-Product Meal in Diets for Black Sea Turbot, Psetta maeotica.**  
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AQUACULTURE NUTRITION, vol.12, pp.340-347, 2006 (Journal Indexed in SSCI)
- XLVII. **Nitrogen excretion patterns and postprandial ammonia profiles in Black Sea turbot (Scophthalmus Maeoticus) under controlled conditions**  
Yigit M., Erdem M., Aral O., Karaali B.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.57, no.4, pp.231-240, 2005 (Journal Indexed in SCI)
- XLVIII. **Potential of poultry by-product meal as a substitute for fishmeal in diets for Black Sea turbot Scophthalmus maeoticus: Growth and nutrient utilization in winter**  
Turker A., Yigit M., Ergun S., Karaali B., Erteken A.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.57, no.1, pp.49-61, 2005 (Journal Indexed in SCI)
- XLIX. **Using Ammonia Nitrogen Excretion Rates as an Index for Evaluating Protein Quality of Prawns in Turbot, Psetta maeotica, Nutrition.**  
YIĞIT M., ERGÜN S., Türker A., HARMANTEPE F. B. , Bilgin S.  
TURKISH JOURNAL OF VETERINARY SCIENCES, vol.29, pp.1343-1349, 2005 (Journal Indexed in SCI Expanded)
- L. **Potential of Poultry By-Product Meal as a Substitute for Fishmeal in Diets for Black Sea Turbot Scophthalmus maeoticus: Growth and Nutrient Utilization in Winter.**  
Türker A., YIĞIT M., ERGÜN S., HARMANTEPE F. B. , Erteken A.  
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- LI. **Nitrogen Excretion Patterns and Postprandial Ammonia Profiles in Black Sea Turbot Scophthalmus maeoticus, Under Controlled Conditions.**  
YIĞIT M., Erdem M., ARAL M. O. , HARMANTEPE F. B.  
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- LII. **Growth and feed utilization in juvenile black sea turbot (Psetta maeotica) under different photoperiod regimes**  
Turker A., Yigit M., Ergun S.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.29, no.5, pp.1203-1208, 2005 (Journal Indexed in SCI)
- LIII. **Using ammonia nitrogen excretion rates as an index for evaluating protein quality of prawns in turbot (Psetta maeotica) nutrition**  
Yigit M., Ergun S., Turker A., Karaali B., Bilgin S.  
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- LIV. **Changes in blood ion levels and mortality rates in different sized rainbow trout (Oncorhynchus mykiss) following direct transfer to sea water**  
Turker A., Ergun S., Yigit M.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.56, no.1, pp.51-58, 2004 (Journal Indexed in SCI)
- LV. **Growth and feed consumption of young rainbow trout (Oncorhynchus mykiss) exposed to different photoperiods**  
Ergun S., Yigit M., Tucker A.  
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- LVI. **Ammonia nitrogen excretion rate - An index for evaluating protein quality of three feed fishes for the black sea turbot**  
Yigit M., Koshio S., Aral O., Karaali B., Karayücel S.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.55, no.1, pp.69-76, 2003 (Journal Indexed in SCI)
- LVII. **Ammonia Nitrogen Excretion Rate- an Index for Evaluating Protein Quality of Three Feed Fishes for the Black Sea Turbot.**  
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- LVIII. **The protein sparing effects of high lipid levels in diets for rainbow trout (*Oncorhynchus mykiss*, W. 1792) with special reference to reduction of total nitrogen excretion**  
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- LIX. **A research on the use of mediterranean mussel in feed for rainbow trout (*Oncorhynchus mykiss* W-1782)**  
Aral O., Agiragac C., Yigit M.  
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Ergün S., Yiğit M., Yılmaz S., Erdem M., Erdem B., TÜBİTAK International Bilateral Joint Cooperation Program Project, Deniz Balıkları Kafes Yetiştiriciliğinde Mikro-Plastik Biyoakümüülasyonunun İzlenmesi: Türkiye Ve İran'Daki Naylon Ağ Ağlarda Net Isırma Davranışı Olan Ve Olmayan Türlerin Karşılaştırılması Ve Farklı Kontaminasyon Kaynaklarının Değerlendirilmesi, 2021 - 2023

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BÜYÜKATEŞ Y., KESBİÇ O. S. , ERGÜN S., YİĞİT M., BULUT M., YILMAZ S., Project Supported by Higher Education Institutions, Gökkuşuğu alabalığı *Oncorhynchus mykiss* deniz suyu adaptasyonu esnasında kan parametreleri değişimlerinin belirlenmesi, 2018 - 2019

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Cage Systems with Copper Alloy Netting in the Northern Aegean Sea. ICA-USA Joint R&D Project; COMU-UNH,USA, 2013 - 2014

YILDIZ H., YIĞİT M., ACARLI S., ACARLI D., BERBER S., Project Supported by Higher Education Institutions, Çanakkale Boğazı'ndaki Midyelerin (*Mytilus galloprovincialis* Lamarck, 1819 ) Balık Yetiştirme Alanlarında Kültürü, 2011 - 2014

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YIĞİT M., Other Supported Projects, Evaluation of Heavy Metal Contents in Various Tissues of Sea Bream Cultured to Market Size in Offshore Cage Systems with Copper Alloy Netting in the Northern Aegean Sea. ICA-USA,Joint R&D Project; COMU-UNH,USA ), 2013 - 2013

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## **Edit Congress and Symposium Activities**

Balık Çiftliklerinin Durumları, Sorunları ve Çözüm Önerileri - Çeşme Kaymakamlığı ve Gıda Tarım ve Hayvancılık İlçe Müdürlüğü Koordinasyon Toplantısı, Invited Speaker, İzmir, Turkey, 2016

UN-FAO, FishDEV – Central Asia, Central Asia Regional Programme for Fisheries & Aquaculture Development Regional Ad hoc Training on Trout Culture in Net Cages, Invited Speaker, İzmir, Turkey, 2014

World Aquaculture Society - Asian Pacific Chapter, High Value Aquaculture Finfish Symposium, Kagoshima-JAPAN, Invited Speaker, Kagoshima, Japan, 2013

Offshore Mariculture Conference 2012. 17-19 October., Invited Speaker, İzmir, Turkey, 2012

## **Citations**

Total Citations (WOS):532

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## **Scholarships**

Visiting Assist.Prof.Dr., Official Institutions of Foreign Countries, 2005 - Continues

Monbusho Scholarship, Official Institutions of Foreign Countries, 1998 - Continues

TEV-Yüksek Öğrenim Bursu, Foundation, 1990 - Continues

## **Non Academic Experience**

Business Establishment Private, Bio Akva International As