

## Assoc. Prof. ÜMİT ACAR

### Personal Information

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### Education Information

Doctorate, Mugla Sitki Kocman University, Fen Bilimleri Enstitüsü, Turkey 2013 - 2016

Post Graduate, Mugla Sitki Kocman University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2013

Under Graduate, Mersin University, Su Ürünleri Fakültesi, 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

Post Graduate, 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

Agricultural Sciences, Seafood, Aquaculture

### 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, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2011 - 2016

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

- **Dietary supplementation of olive leaf extract enhances growth performance, digestive enzyme activity and growth related genes expression in common carp *Cyprinus carpio***  
Zemheri-Navruz F., ACAR Ü., YILMAZ S.
- **GENERAL AND COMPARATIVE ENDOCRINOLOGY, vol.296, 2020 (Journal Indexed in SCI)**  
**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.

FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.46, pp.103-110, 2020 (Journal Indexed in SCI)

● **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.

TURKISH JOURNAL OF ZOOLOGY, vol.44, pp.22-30, 2020 (Journal Indexed in SCI)

● **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, 2020 (Journal Indexed in SCI Expanded)

● **Effects of dietary Bergamot (*Citrus bergamia*) peel oil on growth, haematology and immune response of European sea bass (*Dicentrarchus labrax*) juveniles**

ACAR Ü., KESBİÇ O. S. , İNANAN B. E. , YILMAZ S.

AQUACULTURE RESEARCH, vol.50, pp.3305-3312, 2019 (Journal Indexed in SCI)

● **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 (Journal Indexed in SCI)

● **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.

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.19, pp.383-390, 2019 (Journal Indexed in SCI)

● **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, pp.51-57, 2019 (Journal Indexed in SCI)

● **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.

CHEMOSPHERE, vol.213, pp.345-350, 2018 (Journal Indexed in SCI)

● **Evaluation of Dietary Protein Level in Practical Feed for Twoband Bream *Diplodus vulgaris***

YİĞİT M., Sahinyilmaz M., ACAR Ü., Kesbiç O., YILMAZ S., BULUT M., Gurses K., Maita M.

NORTH AMERICAN JOURNAL OF AQUACULTURE, vol.80, pp.379-387, 2018 (Journal Indexed in SCI)

● **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.

AQUACULTURE, vol.495, pp.339-344, 2018 (Journal Indexed in SCI)

● **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***

BABA E., ACAR Ü., YILMAZ S., ZEMHERİ F., ERGÜN S.

FISH & SHELLFISH IMMUNOLOGY, vol.79, pp.28-33, 2018 (Journal Indexed in SCI)

● **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.

AQUACULTURE RESEARCH, vol.49, pp.2579-2586, 2018 (Journal Indexed in SCI)

● **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 (Journal Indexed in SCI)

● **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)

**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.

AQUACULTURE RESEARCH, vol.48, pp.4563-4572, 2017 (Journal Indexed in SCI)

**Response of Rainbow trout (*Oncorhynchus mykiss*) to unrefined peanut oil diets: Effect on growth performance, fish health and fillet fatty acid composition**

ACAR Ü., Türker A.

AQUACULTURE NUTRITION, vol.0, pp.1-8, 2017 (Journal Indexed in SCI Expanded)

**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.

AQUACULTURE, pp.13-18, 2016 (Journal Indexed in SCI Expanded)

**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, pp.715-721, 2016 (Journal Indexed in SCI)

**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., öntaş c., Kesbiç O. S. , YILMAZ S.

ITALIAN JOURNAL OF ANIMAL SCIENCE, pp.325-333, 2016 (Journal Indexed in SCI Expanded)

**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, pp.2697-2704, 2016 (Journal Indexed in SCI Expanded)

**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?**

Dogac E., Ağdamar S., Keskin E., Tarkan A. S. , Yapici S., Acar U.

MITOCHONDRIAL DNA PART A, vol.27, pp.4008-4014, 2016 (Journal Indexed in SCI)

**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., Gültepe N., YILMAZ S.

NORTH AMERICAN JOURNAL OF AQUACULTURE, vol.78, pp.64-71, 2016 (Journal Indexed in SCI)

**. 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, pp.390-394, 2014 (Journal Indexed in SCI Expanded)

**Effects of Prebiotic Mannanligosaccharides 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.

ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.66, pp.1-6, 2014 (Journal Indexed in SCI Expanded)

**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., Gültepe N., Karga M., YILMAZ S., Guroy D.

AQUACULTURE INTERNATIONAL, vol.22, pp.965-973, 2014 (Journal Indexed in SCI)

**Evaluation of heavy metals and selenium contents in the muscle tissues of rainbow trout**

**(*Oncorhynchus mykiss* Walbaum, 1792) in Western Anatolia**

Yabanlı M., Yozukmaz A., Alparlan Y., ACAR Ü.

JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.12, pp.165-168, 2014 (Journal Indexed in SCI Expanded)

**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.

MEDITERRANEAN MARINE SCIENCE, vol.15, pp.675-695, 2014 (Journal Indexed in SCI)

## Articles Published in Other Journals

**The Effects of Using Peanut Meal in Rainbow Trout (*Oncorhynchus mykiss*) Diets on the Growth Performance and Some Blood Parameters**

ACAR Ü., TÜRKER A.

AQUACULTURE STUDIES, vol.18, pp.5-13, 2018 (Refereed Journals of Other Institutions)

**A comparison of Activating Solutions with Hatchery Water in Artificial Insemination of Rainbow Trout (*Oncorhynchus mykiss*)**

İNANAN B. E. , ACAR Ü., URÇUK H., ÇELİK E.

JOURNAL OF ADVANCES IN VETBİO SCIENCE AND TECHNIQUES, vol.3, pp.8-15, 2018 (Refereed Journals of Other Institutions)

**Construction, Assembly and System Deployment of a Fish Cage with Copper Alloy Mesh Pen: Challenging Work Load and Estimation of Man-power**

YİĞİT M., Osienski M., DECEW J., CELIKKOL B., Kesbic O. S. , Karga M., ACAR Ü., Kurtay E., ÖZALP H. B. , BULUT M., et al.

AQUATIC RESEARCH, vol.1, pp.38-49, 2018 (Refereed Journals of Other Institutions)

**Effect of St. John's Worth Oil (*Hypericum perforatum*) on Growth Performance and Some Blood Parameters of Fry Carp (*Cyprinus carpio*)**

ACAR Ü.

ALINTERI JOURNAL OF AGRICULTURE SCIENCES, vol.33, pp.21-27, 2018 (Journal Indexed in ESCI)

**Comparison of Diets Used for Larviculture of Meagre *Argyrosomus regius* Asso1801**

GÜLTEPE N., DORLAY H. G. , Gültepe M. İ. , KESBİÇ O. S. , ACAR Ü., YALGIN F.

American Journal of Experimental Agriculture, vol.11, pp.1-7, 2016 (Refereed Journals of Other Institutions)

**Balık Yemlerinde Kullanılan Yem Katkı Maddeleri**

Yıldırım Ö., ACAR Ü., Çantaş İ. B.

Journal of FisheriesSciences.com, vol.8, pp.278-290, 2014 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

**TRACE METALS IN FISH AND MUSSELS FROM COPPER ALLOY MESH CAGE SYSTEM: RISKS FOR HUMAN?**

YİĞİT M., DWYER R. L. , CELIKKOL B., YILMAZ S., BÜYÜKATEŞ İNANMAZ Y., KESBİÇ O. S. , ACAR Ü., ÖZALP H. B. , BULUT M., ERGÜN S., et al.

Asian Aquaculture-2018 Conference, Bangkok, Thailand, 3 - 06 December 2018, pp.43

**Investigation of genetic diversity of Sea Sponges Species in Gökova Bay (Muğla, Turkey) by DNA Barcoding Methods**

TÜRKER A., AĞDAMAR S., GENÇ E., KESKİN E., ÜNAL E. M. , ACAR Ü., GIANNETTO D.

International Marine Freshwater Sciences Symposium (2018), Antalya, Turkey, 18 - 21 October 2018

**First application of DNA Barcoding to Holothurians from Turkey: a case study in Gökova Bay (Muğla, Turkey)**

TÜRKER A., AĞDAMAR S., GENÇ E., KESKİN E., ÜNAL E. M. , ACAR Ü., GIANNETTO D.

- International Marine Freshwater Sciences Symposium (2018), Antalya, Turkey, 18 - 21 October 2018  
**Effects of Orange (*Citrus sinensis*) Peel Essential Oil on the Growth Performance of Rainbow Trout (*Oncorhynchus mykiss*) Juveniles**  
GÜLTEPE N., KESBİÇ O. S. , ACAR Ü., KESBİÇ F. I. , YALGIN F.  
LAQUA 2017, 7 - 10 November 2017
- **Eşen Çayı Havzasında Tarımın, Hayvancılığın, Balıkçılığın ve Konutların Eşen Çayına Olan Etkisi ile İlgili Mevcut Durum Tespitinin Yapılması ve Sürdürülebilirlik için Yol Haritasının Oluşturulması**  
GÜLLÜ K., TEZEL R., YAPICI S., YOZUKMAZ A., ACAR Ü., ÖZDAL İ.  
4. ULUSAL SU KONGRESİ 1th INTERNATIONAL WATER CONGRESS, 26 - 29 October 2017
- **Milas, Avşar, Yaşyer, Ekinambarı Havzasındaki Toprak Havuzlarda Deniz Balıkları Üretim Sektörünün Mevcut Durumunun Tespiti ve Sektörel Sürdürülebilirlik İçin Yol Haritasının Oluşturulması**  
GÜLLÜ K., TEZEL R., YAPICI S., YOZUKMAZ A., ACAR Ü., ÖZDAL İ.  
4. ULUSAL SU KONGRESİ 1th INTERNATIONAL WATER CONGRESS, 26 - 29 October 2017
- **Tatlısu Havuzlarında ve Bakır Alaşımli Ağlarda Yetiştirilen Gökkuşaağı Alabalıklarının (*Oncorhynchus mykiss*) Büyüme Performanslarının Karşılaştırılması**  
KESBİÇ O. S. , ACAR Ü., çelikkol b., YILMAZ S., BULUT M., ÖZALP H. B. , BÜYÜKATEŞ İNANMAZ Y., KIZILKAYA B., yiğit ü., gürses k., et al.  
19. Ulusal Su Ürünleri Sempozyumu, Turkey, 12 - 15 September 2017
- **Effects of sugar beet leaf extracts obtained by different methods on growth performance of Goldfish (*Carassius auratus*)**  
ACAR Ü., İNANAN B. E.  
1st International Symposium on Limnology and Freshwater Fisheries, 4 - 06 October 2017
- **Activating solutions versus hatchery water for artificial insemination of rainbow trout (*Oncorhynchus mykiss*)**  
İNANAN B. E. , ACAR Ü., Urçuk H., Çelik E.  
1st International Symposium on Limnology and Freshwater Fisheries, 4 - 06 October 2017
- **The determination of future strategies for aquaculture activities in Avşar and Eşen basins in Muğla province where aquaculture production is intense**  
GÜLLÜ K., TEZEL R., YOZUKMAZ A., YAPICI S., ACAR Ü., özdal i.  
1st International Symposium on Limnology and Freshwater Fisheries, 4 - 06 October 2017
- **Plants as feed supplements to be used for improved reproductive performance of cultured fish species**  
İNANAN B. E. , ACAR Ü.  
1st International Congress on Medicinal and Aromatic Plants, 10 - 12 May 2017
- **Strategic Position of Muğla in Turkey s Aquaculture Production**  
GÜLLÜ K., TEZEL R., ACAR Ü.  
AQUACYPRUS2014: 1st International Symposium on Aquatic Sciences and Technology, 14 - 17 May 2014

## Supported Projects

ERGÜN S., YILMAZ S., ACAR Ü., BABA E., Project Supported by Higher Education Institutions, Zeytin yaprağı ekstraktının gökkuşaağı alabalığının *Oncorhynchus mykiss* büyüme performansı bağışıklık ile ilişkili gen ekspresyonları ve *Yersinia ruckeri* bakterisine karşı hastalık direnci üzerine etkisinin belirlenmesi, 2017 - 2018

## Citations

Total Citations (WOS):173

h-index (WOS):7