

## Prof. AYSEL ŞAHAN

### Personal Information

**Office Phone:** [+90 322 338 6084](tel:+903223386084) Extension: 159

**Fax Phone:** [+90 322 338 6439](tel:+903223386439)

**Email:** [ayaz@cu.edu.tr](mailto:ayaz@cu.edu.tr)

**Other Email:** [ayselsahan2@gmail.com](mailto:ayselsahan2@gmail.com)

**Web:** <https://avesis.cu.edu.tr//ayaz>

**Address:** [ayaz@cu.edu.tr](mailto:ayaz@cu.edu.tr)

### International Researcher IDs

ORCID: 0000-0001-8000-8923

Yoksis Researcher ID: 104208

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Su Ürünleri, Turkey 1995 - 2000

Undergraduate, Ege University, Faculty Of Fisheries, Su Ürünleri, Turkey 1986 - 1991

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Seyhan Nehri (Adana Kent İçi Bölgesi)nde Yaşayan Bazı Cyprinid?lerde Hematolojik Araştırmalar. , Cukurova University, Su Ürünleri Fakültesi, Fen Bilimleri Enstitüsü, 2000

Postgraduate, Sağlıklı Oreochromis niloticus (L.) Bireylerinde Bazı Hematolojik Parametrelerin Saptanması Üzerine Bir Araştırma, Cukurova University, Fen Bilimleri Enstitüsü, Su Ürünleri, 1995

### Research Areas

Agricultural Sciences, Seafood, Aquatic Diseases

### Academic Titles / Tasks

Professor, Cukurova University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği, 2017 - Continues

### Academic and Administrative Experience

Cukurova University, Su Ürünleri Fakültesi, Su Ürünleri , 2008 - 2014

## Courses

Balıklarda Oksidatif Stres, Doctorate, 2016 - 2017  
genel mikrobiyoloji, Undergraduate, 2013 - 2014  
balık immünolojisine giriş, Postgraduate, 2013 - 2014  
balık hastalıklarında tanı yöntemleri, Undergraduate, 2013 - 2014  
ileri balık immünolojisi, Doctorate, 2013 - 2014  
kirliliğin balık fizyolojisine etkileri, Postgraduate, 2013 - 2014  
balıklarda stres fizyolojisi, Postgraduate, 2013 - 2014

## Advising Theses

ŞAHAN A., İskenderun Körfezinde Yetiştiricilik ve Doğal Koşullar Altındaki Çipura (*Sparus aurata* Linnaeus 1758)'ların Bağırsak Florasında Bulunan Potansiyel Probiyotik Bakterilerin Karşılaştırılmalı Genotipik İdentifikasyonu ve Karakterizasyonu., Doctorate, S.ÖZÜTOK(Student), 2015  
ŞAHAN A., Zencefil (*Zingiber officinale* Roscoe) Katkılı Yemlerin Nil Tilapia (*Oreochromis niloticus* Linnaeus 1758)'larında İmmünostimülant Etkisinin Araştırılması, Postgraduate, S.ÖZÜTOK(Student), 2011  
ŞAHAN A., Balıklı Çermik Termal Kaplıcası ile Topardıç Deresi (Sivas)'nda Yaşayan *Cyprinus macrostomus* Heckel, 1843 Türü Balıklarda Bazı İmmünolojik ve Hematolojik Özellikler., Doctorate, S.DUMAN(Student), 2011  
ŞAHAN A.,  $\beta$ -Glucan'ın Sağlıklı Nil Tilapia (*Oreochromis niloticus*)? larında Bazı Hematolojik ve İmmünolojik Parametreler Üzerine Etkisi, Postgraduate, S.DUMAN(Student), 2004  
ŞAHAN A., Farklı Tip Stres Faktörlerinin Aynalı Sazan (*Cyprinus carpio* Linnaeus, 1758) Bireylerinde Serum Glikoz, Kortizol ve Kan Hemoglobin Miktarları Üzerine Etkileri., Postgraduate, A.KÜÇÜKGÜL(Student), 2003

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

- I. **Effects of  $\beta$ -1,3/1,6 glucan dietary supplements on some immunological and hematological health markers in Siberian sturgeon ( *Acipenser baerii*) infected with *Aeromonas hydrophila***  
Şahan A.  
POLISH JOURNAL OF VETERINARY SCIENCES, vol.1, no.26, pp.109-118, 2023 (SCI-Expanded)
- II. **Some Hematological and Non-Specific Immune Responses of Rosehip (*Rosa canina*) - Fed Russian Sturgeon (*Acipenser gueldenstaedtii* Brandt & Ratzeburg, 1833) to *Mycobacterium salmoniphila***  
Duman S., Şahan A.  
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, no.61, pp.1-17, 2018 (SCI-Expanded)
- III. **Determination of Some Hematological and Non-Specific Immune Defences, Oxidative Stress and Histopathological Status in Rainbow Trout (*Oncorhynchus mykiss*) Fed Rosehip (*Rosa canina*) to *Yersinia ruckeri***  
ŞAHAN A., DUMAN S., Colak S. O., Cinar E., BİLGİN R.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.17, no.1, pp.91-100, 2017 (SCI-Expanded)
- IV. **Determination of Some Hematological Parameters and Antioxidant Capacity in Nile Tilapia (*Oreochromis Niloticus* Linnaeus, 1758) Fed Ginger (*Zingiber Officinale* Roscoe) to *Aeromonas hydrophila***  
ŞAHAN A., ÖZÜTOK S., Kurutas E. B.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.16, no.1, pp.197-204, 2016 (SCI-Expanded)
- V. **THE EFFECTS OF COTTONSEED OIL AS ALTERNATIVE TO FISH OIL ON OXIDATIVE STRESS BIOMARKERS AND SOME HEMATOLOGICAL PARAMETERS IN EUROPEAN SEA BASS (*Dicentrarchus labrax* L.)**  
ŞAHAN A., EROLDUĞAN O. T., Kurutas E. B., YILMAZ H. A., DEMİRKALE İ.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.7, pp.2639-2645, 2016 (SCI-Expanded)

- VI. **Influence of beta-1,3/1,6 glucan applications on some non-specific cellular immune response and haematologic parameters of healthy Nile tilapia (*Oreochromis niloticus* L., 1758)**  
ŞAHAN A., DUMAN S.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.34, no.1, pp.75-81, 2010 (SCI-Expanded)
- VII. **The Determination of Biochemical Indicators (Biomarkers) in the Common Carp (*Cyprinus carpio*) to the Physico-chemical Parameters of the Ceyhan River (Adana-Turkey)**  
ŞAHAN A., Kurutas E. B., Altun T.  
EKOLOJİ, vol.19, no.76, pp.8-14, 2010 (SCI-Expanded)
- VIII. **Oxidative stress biomarkers in liver and gill tissues of spotted barb (*Capoeta barroisi* Lortet, 1894) living in the river Ceyhan, Adana, Turkey**  
Kurutas E. B., ŞAHAN A., Altun T.  
TURKISH JOURNAL OF BIOLOGY, vol.33, no.4, pp.275-282, 2009 (SCI-Expanded)
- IX. **Occurrence of the swimbladder parasite *Anguillicola crassus* (Nematoda, Dracunculoidea) in European eels (*Anguilla anguilla*) in Ceyhan River, Turkey**  
GENC E., Sahan A., ALTUN T., Cengizler I., NEVSAT E.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.29, no.3, pp.661-663, 2005 (SCI-Expanded)
- X. **Pollution correlated modifications of liver antioxidant systems and histopathology of fish (*Cyprinidae*) living in Seyhan Dam Lake, Turkey**  
Gul S., Belge-Kurutas E., Yildiz E., Sahan A., Doran F.  
ENVIRONMENT INTERNATIONAL, vol.30, no.5, pp.605-609, 2004 (SCI-Expanded)
- XI. **Liver antioxidant systems and lipid peroxidation in sea bass (*Dicentrarchus labrax*) adapted to fresh water**  
ŞAHAN A., KURUTAS E., Dikel S.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.27, no.6, pp.1261-1267, 2003 (SCI-Expanded)
- XII. **Determination of some haematological parameters in Spotted Barb (*Capoeta barroisi* Lortet, 1894) and Roach (*Rutilus rutilus*, Linnaeus, 1758) living in Seyhan River (Adana City Region) Seyhan nehri (Adana Kent İçi Bölgesi)'nde yaşayan benekli siraz (*Capoeta barroisi* Lortet, 1894) ve kızılğöz (*Rutilus rutilus* Linnaeus, 1758)'de bazı hematolojik parametrelerin belirlenmesi**  
ŞAHAN A., CENGİZLER İ.  
Turkish Journal of Veterinary and Animal Sciences, vol.26, no.4, pp.849-858, 2002 (SCI-Expanded)
- XIII. **Determination of some haematological parameters in Spotted Barb (*Capoeta barroisi* Lortet 1894) and Roach (*Rutilus rutilus* Linnaeus 1758) living in Seyhan River (Adana City region)**  
Sahan A., Cengizler I.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.26, no.4, pp.849-858, 2002 (SCI-Expanded)
- XIV. **Determination of some Blood Parameters in Mirror Carps (*Cyprinus carpio*, Linnaeus, 1758) Living in Seyhan Dam Lake and Seyhan River Seyhan Baraj Gölü ve Seyhan Nehrin de Yaşayan Aynalı Sazan (*Cyprinus carpio*, Linnaeus, 1758)'larda Bazı Kan Parametrelerinin Belirlenmesi**  
CENGİZLER İ., ŞAHAN A.  
Turkish Journal of Veterinary and Animal Sciences, vol.24, no.3, pp.205-214, 2000 (SCI-Expanded)
- XV. **Determination of some blood parameters in mirror carps (*Cyprinus carpio*, Linnaeus, 1758) living in Seyhan Dam Lake and Seyhan River**  
Cengizler I., Sahan A.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.24, no.3, pp.205-214, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Effects of Formaldehyde, Hydrogen Peroxide and Trichlorophon Applications on Some Hematological Stress Indicators in Mirror Carp (*Cyprinus carpio* L.)**  
Şahan A.  
Acta Aequatica Turcica, vol.16, no.1, pp.71-81, 2020 (Scopus)

- II. **Ceyhan Nehri (Adana-Türkiye)'nin farklı bölgelerinden yakalanan Afrika kedi balığı (Clarias gariepinus burchell, 1822)'nda su kalitesinin bazı hematolojik parametreler üzerine etkisi**  
ŞAHAN A., ÖZÜTOK S., ÇEVİK F.  
Ege Journal of Fisheries and Aquatic Sciences,, vol.34, no.4, pp.375-382, 2017 (Peer-Reviewed Journal)
- III. **Determination of Hematological Status as Health Indicator of European Sea Bass (Dicentrarchus labrax L.) Fed Different Dietary Fatty Acids**  
ŞAHAN A., YILMAZ H. A., EROLDOĞAN O. T.  
Turkish Journal of Agriculture and Food Science and Technology, vol.5, no.4, pp.445-450, 2017 (Peer-Reviewed Journal)
- IV. **DETERMINATION OF SOME HEMATOLOGICAL PARAMETERS AND NON-SPECIFIC IMMUNE RESPONSES IN Garra rufa (HECKEL, 1843) LIVING IN KANGAL (SİVAS) BALIKLI ÇERMİK THERMAL HOT SPRING AND TOPARDIÇ STREAM (SİVAS)**  
DUMAN S., ŞAHAN A.  
JOURNAL OF AQUACULTURE ENGINEERING AND FISHERIES RESEARCH, vol.3, no.3, pp.108-115, 2017 (Peer-Reviewed Journal)
- V. **Determination of some haematological and non-specific immune parameters in nile tilapia (oreochromis niloticus l., 1758) fed with spirulina (spirulina platensis) added diets**  
ŞAHAN A., TAŞBOZAN O., SARIHAN F., ÖZÜTOK S., ERBAŞ C., DUMAN S., USLU L., ÖZCAN F.  
JOURNAL OF AQUACULTURE ENGINEERING AND FISHERIES RESEARCH, no.1, pp.133-139, 2015 (Peer-Reviewed Journal)
- VI. **Determination Of Some Haematological And Non Specific Immune Parameters In Nile Tilapia Oreochromis Niloticus L 1758 Fed With Spirulina Spirulina Platensis Added Diets**  
ŞAHAN A., TAŞBOZAN O., AYDIN F., ÖZÜTOK S., celal e., DUMAN S., USLU L., FİLİZ Ö.  
Journal of Aquaculture Engineering and Fisheries Research, vol.1, no.3, pp.133-139, 2015 (Peer-Reviewed Journal)
- VII. **Kangal Sivas Balıklı Çermik Termal Kaplıcası ile Topardıç Deresi nde Sivas Yaşayan Cyprinion macrostomus Heckel 1843 da Bazı Hematolojik Parametreler ve Non Spesifik İmmün Yanıtın Belirlenmesi Yunus Araştırma Bülteni 4 24 28**  
DUMAN S., ŞAHAN A.  
YUNUS ARAŞTIRMA BÜLTENİ, vol.4, pp.24-28, 2014 (Peer-Reviewed Journal)
- VIII. **Aynalı Sazanlarda (Cyprinus carpio) Parazit Enfestasyonlarının Serum Glikoz, Kortizol ve Kan Hemoglobin Düzeylerine Etkileri**  
KÜÇÜKGÜL A., ŞAHAN A.  
Kafkas Univ. Fen Bil.Enst.Derg., 2010 (Peer-Reviewed Journal)
- IX. **Effect of  $\beta$  Glucan on Haematology of Common Carp (Cyprinus Carpio) Infected by Ectoparasites**  
ŞAHAN A., DUMAN S.  
Mediterranean Aquaculture Journal, vol.3, no.1, pp.1-7, 2010 (Peer-Reviewed Journal)
- X. **Determination of Haemocytes Amount and Haemocytes Type in Mature Blue Crab Callinectes sapidus Rathbun 1896 Captured in Akyatan Lagoon**  
GELİBOLU S., TÜRELİ BİLEN C., ŞAHAN A.  
Journal of FisheriesSciences.com, 2009 (Peer-Reviewed Journal)
- XI. **CEYHAN NEHRİ (ADANA-TÜRKİYE)'NİN FARKLI BÖLGELERİNDEN YAKALANAN BAZI CYPRINIDAE? LERDE LÖKOSİT HÜCRE TİPLERİNİN BELİRLENMESİ**  
ŞAHAN A.  
Journal of FisheriesSciences.com, vol.3, no.2, pp.134-145, 2009 (Peer-Reviewed Journal)
- XII. **ACUTE STRESS RESPONSE IN COMMON CARP (Cyprinus carpio Linnaeus, 1758) OF SOME STRESSİNG FACTORS**  
ŞAHAN A.  
Journal of FisheriesSciences.com, vol.2, no.4, pp.623-631, 2008 (Peer-Reviewed Journal)
- XIII. **Acute Stress Response in Common carp Cyprinus carpio Linnaeus 1758 of Some Stressing Factors**  
KÜÇÜKGÜL A., ŞAHAN A.  
Journal of Fisheries Sciences, 2008 (Peer-Reviewed Journal)

- XIV. **Comparative Study of some Haematological Parameters in European Eel (*Anguilla anguilla* L., 1758) Caught from Different Regions of Ceyhan River (Adana, Turkey)**  
ŞAHAN A.  
E.Ü. Su Ürünleri Dergisi, vol.1, no.2, pp.167-171, 2007 (Peer-Reviewed Journal)
- XV. **An Investigation On Ecto And Endo Parasites Of Mirror Carp (*Cyprinus carpio*, L.,1758) From The River Seyhan, Turkey.**  
CENGİZLER İ., AYTAÇ N., ŞAHAN A., ÖZAK A. A., GENÇ E.  
Ege University Journal of Fisheries and Aquatic Sciences, vol.18, no.1, pp.87-90, 2001 (Scopus)
- XVI. **Ecto-Endo Parasite Investigation on Mirror Carp (*Cyprinus carpio* L., 1758) Captured From the River Seyhan, Turkey**  
ŞAHAN A.  
E.Ü. Su Ürünleri Dergis, vol.1, no.2, pp.87-90, 2001 (Peer-Reviewed Journal)
- XVII. **Seyhan Nehri nden Avlanan Aynalı Sazanların *Cyprinus Carpio* L 1758 Endo ve Ecto Parazitlerinin Araştırılması**  
CENGİZLER İ., AYTAÇ N., ŞAHAN A., ÖZAK A. A., GENÇ E.  
Ege Üniversitesi Su Ürünleri Fakültesi Dergisi, vol.18, pp.87-90, 2001 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **Fish Health in Aquaculture**  
Şahan A. (Editor)  
Serüven, Ankara, 2023
- II. **QUORUM SENSING MECHANISM IN AQUATIC MICROORGANISMS**  
Özütok S., Şahan A.  
in: Fish Health in Aquaculture, Aysel Şahan, Editor, Serüven, Ankara, pp.61-68, 2023
- III. **Stress in Fish: Stress Mechanism and Management**  
Şahan A., Özütok S.  
in: Fish Health in Aquaculture, Aysel ŞAHAN, Editor, Serüven, Ankara, pp.7-20, 2023
- IV. **Su Ürünleri Yetiştiriciliğinde Alternatif Gelişmeler ve Balık Sağlığı**  
Şahan A. (Editor)  
Serüven Yayınevi, Ankara, 2022
- V. **Prophylaxis and vaccination in salmonids**  
Özütok S., Şahan A.  
in: Alternative Developments in Aquaculture and Fish Health, Aysel ŞAHAN, Editor, Serüven Yayınevi, Ankara, pp.1-7, 2022
- VI. **BALIK HEMATOLOJİSİ VE HEMATOLOJİNİN BALIK SAĞLIĞINDAKİ ÖNEMİ**  
Şahan A.  
in: ACADEMIC RESEARCH AND EVALUATIONS IN AGRICULTURE, FOREST AND AQUACULTURE PRODUCTS, İbrahim Cengizler, Editor, Serüven Yayınevi, Ankara, pp.7-28, 2021
- VII. **SU KIRLILIĞININ BIYOKİMYASAL İNDİKATÖRLERİ OLARAK BALIKLARDA ANTIOKSIDAN SAVUNMA**  
Şahan A.  
in: ACADEMIC RESEARCH AND EVALUATIONS IN AGRICULTURE, FOREST AND AQUACULTURE PRODUCTS, İbrahim Cengizler, Editor, Serüven yayınevi, Ankara, pp.29-43, 2021

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **A Research on the Death of White Grouper (*Epinephelus aeneus*) Occuring Along the Turkish Coast of Mediterranean.**  
ÖZAK A. A., CENGİZLER İ., GÖKÇE M. A., ŞAHAN A., GENÇ E.

## Supported Projects

ŞAHAN A., ŞAHİN İ., BELGE KURUTAŞ E., ÖZÜTOK S., Project Supported by Higher Education Institutions, Kızılırmak Havzası'ndan Yakalanan Cyprinidae Türlerinin Karaciğer Solungaç ve Bağırsak Dokularındaki Oksidatif Stres Biyomarkırları, 2020 - 2022

ŞAHAN A., ŞAHİN İ., Project Supported by Higher Education Institutions, SİVAS-ŞARKIŞLA YUKARI KIZILIRMAK HAVZASI ÇERMİKLER HES BÖLGESİNDE YAŞAYAN SAZAN (Cyprinus carpio, Linnaeus 1758)?DA Aeromonas hydrophila?YA KARŞI ANTİKOR YANITIN BELİRLENMESİ, 2018 - 2022

ŞAHAN A., ÖZÜTOK S., ŞAHİN İ., Project Supported by Higher Education Institutions, Kızılırmak Havzası Şarkışla Çermikler HES Mevkii Bölgesinde Yaşayan Silurus glanislerde kirlilik indikatörü Aeromonas hydrophila'ya Karşı immunolojik Yanıtların Belirlenmesi, 2018 - 2020

ŞAHAN A., ÖZÜTOK S., Project Supported by Higher Education Institutions, KUZEYDOĞU AKDENİZ?DE YETİŞTİRİCİLİK VE DOĞAL KOŞULLAR ALTINDAKİ ÇİPURA (Sparus aurata LINNAEUS 1758)?LARIN BAĞIRSAK MİKROBİYOTASINDAN İZOLE EDİLEN POTANSİYEL PROBİYOTİK BAKTERİLERİN TANIMLANMASI VE KARAKTERİZASYONU, 2016 - 2020

DUMAN S., CENGİZLER İ., ŞAHAN A., Project Supported by Higher Education Institutions, Sağlıklı Rus Mersin Balıklarında (Acipenser gueldenstaedtii Brandt&Ratzeburg 1833) bazı hematolojik ve immünolojik parametrelerin referans değerlerinin belirlenmesi, 2018 - 2019

DUMAN S., CENGİZLER İ., ŞAHAN A., Project Supported by Higher Education Institutions, Ekinezya (Echinacea angustifolia) bitkisinin Aeromonas hydrophila ile enfekte Rus Mersin Balıklarında (Acipenser gueldenstaedtii Brandt Ratzeburg 1833) hematolojik ve immünolojik parametreler üzerine etkisi, 2017 - 2018

ŞAHAN A., Project Supported by Higher Education Institutions, THE EFFECTS OF COTTONSEED OIL AS ALTERNATIVE TO FISH OIL ON OXIDATIVE STRESS BIOMARKERS AND SOME HEMATOLOGICAL PARAMETERS IN EUROPEAN SEA BASS Dicentrarchus labrax L, 2017 - 2018

DUMAN S., CENGİZLER İ., ŞAHAN A., Project Supported by Higher Education Institutions, Mycobacterium salmoniphilum ile enfekte Rus Mersin Balıklarında (Acipenser gueldenstaedtii Brandt & Ratzeburg, 1833) Kuşburnu (Rosa canina) uygulamalarının hematolojik ve immünolojik parametreler üzerine etkisi, 2017 - 2017

ŞAHAN A., ÖZÜTOK S., BELGE KURUTAŞ E., Project Supported by Higher Education Institutions, Determination Of Some Hematological Parameters And Antioxidant Capacity in Nile Tilapia Oreochromis niloticus Linnaeus 1758 Fed Ginger Zingiber officinale Roscoe To Aeromonas hydrophila, 2016 - 2017

ŞAHAN A., Project Supported by Higher Education Institutions, Comparative Study of Hematological Indicators in African Catfish Clarias gariepinus Burchell 1822 to the Physicochemical Properties of the Ceyhan River AdanaTurkey, 2016 - 2017

ŞAHAN A., DEMİRCİ S., ÖZÜTOK S., Project Supported by Higher Education Institutions, Yabani Sarımsak Allium macrochaetum Boiss ve Hausskn Ekstraktının Patojen Bakteri Türlerinde in vitro Antibakteriyel Etkisinin Belirlenmesi, 2015 - 2017

ŞAHAN A., ÖZESEN ÇOLAK S., Project Supported by Higher Education Institutions, Gökkuşluğu Alabalık (Oncorhynchus mykiss, Walbaum, 1792)Larında Kuşburnu (Rosa canina) Uygulamalarının Antioksidan Enzim Aktiviteleri Üzerine Etkisi, 2012 - 2015

DUMAN S., ŞAHAN A., Project Supported by Higher Education Institutions, Kuşburnu (Rosa rugosa)nun Alabalıklarda (Oncorhynchus mykiss, Walbaum) İmmüno stimulat olarak Kullanılmasının Non-Spesifik İmmün Yanıt Üzerine Etkisi, 2012 - 2015

## Activities in Scientific Journals

International Journal of Oceanography & Aquaculture (IJOAC), Committee Member, 2018 - Continues

## Scientific Refereeing

Turkish Journal of Veterinary and Animal Sciences., SCI Journal, October 2017  
Turkish Journal of Veterinary and Animal Sciences., SCI Journal, October 2017  
Acta Biologica Turcica, Other Indexed Journal, September 2017  
Ecological Indicators (ECOLIND), SCI Journal, September 2017  
Journal of Agricultural Science and Practice., Other Indexed Journal, March 2017  
Turkish Journal of Fisheries and Aquatic Sciences., SCI Journal, December 2016  
Turkish Journal of Fisheries and Aquatic Sciences., SCI Journal, September 2016  
Turkish Journal of Veterinary and Animal Sciences., SCI Journal, July 2016  
Süleyman Demirel Üniversitesi Eğirdir Su Ürünleri Fakültesi Dergisi., National Scientific Refreed Journal, April 2016  
Süleyman Demirel Üniversitesi Eğirdir Su Ürünleri Fakültesi Dergisi., National Scientific Refreed Journal, February 2016  
Turkish Journal of Veterinary and Animal Sciences., SCI Journal, February 2016  
Turkish Journal of Zoology., SCI Journal, December 2015  
Turkish Journal of Zoology., SCI Journal, November 2015  
Comparative Clinical Pathology., Other Indexed Journal, November 2013  
Ankara Üniversitesi Çevre Bilimleri Dergisi., National Scientific Refreed Journal, July 2013  
Süleyman Demirel Üniversitesi Eğirdir Su Ürünleri Fakültesi Dergisi., National Scientific Refreed Journal, June 2013  
Ege Üniversitesi Su Ürünleri Fakültesi Dergisi., National Scientific Refreed Journal, December 2012

## Metrics

Publication: 87  
Citation (WoS): 225  
Citation (Scopus): 301  
H-Index (WoS): 6  
H-Index (Scopus): 8

## Congress and Symposium Activities

OXIDATIVE STRESS BIOMARKERS IN LIVER AND GILL TISSUES OF EUROPEAN CATFISH (*SILURIS GLANIS LINNAEUS*, 1758) CAUGHT FROM DIFFERENT REGIONS OF CEYHAN RIVER (ADANA, TURKEY). 4th International Conference on Engineering and Natural Sciences (ICENS). 2-6 May-2018. Kiev-UKRAYNA, Attendee, Kyiv, Ukraine, 2018  
Antimicrobial Potency of Wild Garlic *Allium macrochaetum* on *Pseudomonas aeruginosa* isolated from fish. HIRVATİSTAN, Attendee, Dubrovnik, Croatia, 2017  
Fatty Acids Composition and Antimicrobial Effect of Wild Garlic (*Allium macrochaetum*) Against to *Vibrio anguillarum*. Ecology, KAYSERİ, Attendee, Kayseri, Turkey, 2017  
Antimicrobial Activity of Wild Garlic (*Allium macrochaetum*) Against Molecular Defined Aquatic Bacteria. Ecology, KAYSERİ, Attendee, KAYSERİ, Turkey, 2017  
The Effects on Hematological and Immunological Parameters of *Mycobacterium salmoniphilum* Infection in Russian Sturgeon (*Acipenser gueldenstaedtii*) Fed With Rosehip (*Rosa canina*). 7th International Conference on Chemical, Biological, and Environmental Sciences (ICCBES'17), TAYLAND, Attendee, Pattani, Thailand, 2017  
The Determination of Hematological Indicators in the Sheatfish (*Silurus glanis Linnaeus*, 1758) to the Physico-chemical Properties of the Ceyhan River (Adana-Turkey). International Symposium on Fisheries and Aquatic Sciences, FABA, ANTALYA, Attendee, Antalya, Turkey, 2016  
Comparative Study of Hematological Indicators in African Catfish (*Clarias gariepinus* Burchell, 1822) to the Physico-chemical Properties of the Ceyhan River (Adana-Turkey). 2nd International Conference On Science, Ecology and Technology, ICONSETE, İSPANYA, Attendee, Barcelona, Spain, 2016  
Oxidative Stress Biomarkers of Nile Tilapia (*Oreochromis niloticus* Linnaeus, 1758) Fed with Diets Added Ginger

(Zingiber officinale) Against to Aeromonas hydrophila Infection. Aquaculture Europe Symposium, İSKOÇYA, Attendee, Edinburgh, United Kingdom, 2016

Gökkuşacağı alabalık (Oncorhynchus mykiss, Walbaum, 1792)'larında Yersinia ruckeri Enfeksiyonuna karşı Kuşburnu (Rosa canina) Uygulamalarının, karaciğer Antioksidan Enzim Aktiviteleri ve Histopatolojik Açıdan İncelenmesi. İZMİR, Attendee, İzmir, Turkey, 2015

Nil Tilapia (Oreochromis niloticus Linnaeus, 1758)'larında Aeromonas hydrophila Enfeksiyonuna Karşı Zencefil (Zingiber officinale Roscoe) katkı yemlerin, Farklı Dokularda Antioksidan Enzimler ve Büyüme Aktiviteleri Üzerine Etkileri, Attendee, İzmir, Turkey, 2015

EFFECTS OF COTTONSEED OIL AS ALTERNATIVE TO FISH OIL ON SOME HEMATOLOGICAL PARAMETERS AND OXIDATIVE STRESS BIOMARKERS IN EUROPEAN SEA BASS (Dicentrarchus labrax L.), Attendee, Trabzon, Turkey, 2014  
Effects of Cottonseed Oil as Alternative to Fish Oil on Some Hematological Parameters and Oxidative Stress Biomarkers in European Sea Bass (Dicentrarchus labrax L.). International Symposium on Fisheries and Aquatic Sciences, FABA, Attendee, Trabzon, Turkey, 2014

The Effects On Hematological Parameters Of Yersinia Ruckeri Infection İn Trouts (Oncorhynchus Mykiss) Fed With Rosehip (Rosa canina) International Symposium on Fisheries and Aquatic Sciences, FABA, Attendee, Trabzon, Turkey, 2014

THE EFFECTS ON HEMATOLOGICAL PARAMETERS OF Yersinia ruckeri INFECTION in TROUTS (Oncorhynchus mykiss) FED WITH ROSEHIP (Rosa canina), Attendee, Trabzon, Turkey, 2014

Kangal (Sivas) Balıktı Çermik Termal Kaplıcası'na Topardığı Deresi'nde (Sivas) Yaşayan Cyprinion Macrostomus Heckel, 1843' de Bazı Hematolojik Parametreler ve Non-Spesifik İmmün Yanıtın Belirlenmesi, Attendee, Turkey, 2014

ZENCEFİL (Zingiber officinale Roscoe) KATKILI YEMLERİN NİL TİLAPİA (Oreochromis niloticus Linnaeus 1758)'LARINDA İMMÜNOSTİMÜLANT ETKİSİNİN ARAŞTIRILMASI, Attendee, İstanbul, Turkey, 2013

DETERMINATION of SOME HAEMATOLOGIC and NON-SPECIFIC IMMUNE PARAMETERS in NILE TILAPIA (Oreochromis niloticus L., 1758) FEEDINGS WITH SPIRULINA (Spirulina platensis) ADDICTIVE DIETS, Attendee, Erzurum, Turkey, 2013

Spirulina (Spirulina platensis) Katkı Yemle Beslenen Nil Tilapia (Oreochromis niloticus L., 1758)'sında Bazı Hematolojik ve Spesifik Olmayan İmmün Parametrelerin Belirlenmesi. Balıkçılık ve Akvatik Bilimler, Attendee, Erzurum, Turkey, 2013

PARAZİT ENFESTASYONUNUN AYNALI SAZAN (CYPRINUS CARPIO LINNAEUS, 1758) BİREYLERİNDE SERUM GLİKOZ, KORTİZOL VE KAN HEMOGLOBİN MİKTARLARI ÜZERİNE ETKİLERİ, Attendee, Elazığ, Turkey, 2009

Oxidative Stress Biomarkers in Liver and Gill Tissues of Spotted Barb (Capoeta barroisi lortet, 1894) Living in Ceyhan river, Turkey,? Mechanisms, Consequences and Detection of Free Radical-Mediated Oxidative Protein Modification, Advanced Course FEBS-IFCC-IUBMB-TUBITAK, Attendee, Antalya, Turkey, 2009

EFFECTS OF DIET WITH  $\beta$ -1,3/1,6 GLUCAN ON SOME HAEMATOLOGICAL PARAMETERS IN COMMON CARP (Cyprinus carpio L., 1758) INFECTED BY ECTO-PARASITES, Attendee, Al-Qahira, Egypt, 2008