

## Assoc. Prof. SELÇUK DUMAN

### Personal Information

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### International Researcher IDs

ScholarID: 2VCIoS4AAAAJ

ORCID: 0000-0002-6771-3385

Publons / Web Of Science ResearcherID: E-7569-2018

ScopusID: 36466346000

Yoksis Researcher ID: 38765

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Aquatic Diseases, Immunology

### Academic and Administrative Experience

Head of Department, Cukurova University, İmamoğlu Meslek Yüksekokulu, Su Ürünleri, 2021 - Continues  
Cukurova University, İmamoğlu Meslek Yüksekokulu, Su Ürünleri Bölümü, 2011 - 2014

### Courses

Akuakültürde Kullanılan Medikamentlerin Çevre Sağlığı Üzerine Etkileri , Undergraduate, 2023 - 2024

Balıklarda İmmünostimulant Kullanımı, Postgraduate, 2023 - 2024

Pestisitlerin Sucul Canlılar Üzerindeki Etkileri , Undergraduate, 2023 - 2024

Temel Bilgi Teknolojisi Kullanımı, Associate Degree, 2015 - 2016

Bilgi Sistemlerine Giriş, Associate Degree, 2014 - 2015

Alabalık Hastalıkları ve Korunma Yöntemleri, Associate Degree, 2013 - 2014

Deniz Balıkları Yetiştiriciliği, Associate Degree, 2013 - 2014

Su Ürünleri Hastalıkları, Associate Degree, 2013 - 2014

Su Ürünleri Ekonomisi, Associate Degree, 2012 - 2013

İlkyardım ve Dalma Tekniği, Associate Degree, 2012 - 2013

Bilgi ve İletişim Teknolojisi, Associate Degree, 2012 - 2013

Laboratuar Teknikleri, Associate Degree, 2012 - 2013

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

- I. **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)
- II. **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)

## Articles Published in Other Journals

- I. **Comparison of the Aflatoxin levels in Fish Feeds from Rainbow Trout Farms Localized at Different Regions (Adana-Ağrı, TURKEY)**  
CENGİZLER İ., YAKAN S., DUMAN S., ETYEMEZ BÜYÜKDEVECİ M., ALDIK R.  
International Journal of Pure and Applied Sciences, vol.5, no.2, pp.78-84, 2019 (Peer-Reviewed Journal)
- II. **The importance of aquatic recreation areas in urban living and their contribution on health**  
DUMAN S., CENGİZLER İ.  
Marine Science and Technology Bulletin, vol.7, pp.43-46, 2018 (Peer-Reviewed Journal)
- III. **DETERMINATION OF PARASITIC TRANSMISSIONS BETWEEN JAPANESE FISH (*Carassius auratus*, GOLDFISH) AND FROGS (*Rana ridibunda*, *Rana viridis*)**  
CENGİZLER İ., YAKAN S., DUMAN S., ALDIK R., ETYEMEZ M.  
Aquatic Research, vol.1, no.4, pp.140-147, 2018 (Peer-Reviewed Journal)
- IV. **The importance of aquatic recreation areas in urban living and their contribution on health**  
DUMAN S., CENGİZLER İ.  
Marine Science and Technology Bulletin, vol.7, no.1, pp.43-46, 2018 (Peer-Reviewed Journal)
- V. **Sectoral Approaches In Tourism and Aquaculture In Turkey**  
CENGİZLER İ., ALDIK R., DUMAN S., ETYEMEZ M.  
Int'l Journal of Advances in Agricultural & Environmental Engg. (IJAAEE), vol.4, no.1, pp.78-79, 2017 (Peer-Reviewed Journal)
- VI. **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)
- VII. **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, vol.1, no.3, pp.133-139, 2015 (Peer-Reviewed Journal)
- VIII. **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, vol.1, no.3, pp.133-139, 2015 (Peer-Reviewed Journal)
- IX. **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, vol.1, no.3, pp.133-139, 2015 (Peer-

Reviewed Journal)

- X. **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)
- XI. **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)
- XII. **Kangal Sivas Balıklı Çermik Termal Kaplıcası İle Topardıç Deresi nde Sivas Yaşayan Benekli Sezen *Cyprinion macrostomus* Heckel 1843 de Bazı Hematolojik Parametreler ve Non Spesifik İmmün Yanıtın Belirlenmesi**  
DUMAN S., ŞAHAN A.  
Yunus Araştırma Bülteni, vol.14, no.4, pp.21-28, 2014 (Peer-Reviewed Journal)
- XIII. **Kangal (Sivas) Balıklı Çermik Termal Kaplıcası ile Topardıç Deresi'nde (Sivas) Yaşayan *Cyprinion Macrostomus* Heckel, 1843' de Bazı Hematolojik Parametreler ve Non-Spesifik İmmün Yanıtın Belirlenmesi**  
DUMAN S., ŞAHAN A.  
YUNUS ARAŞTIRMA BÜLTENİ, no.4, pp.21-28, 2014 (Peer-Reviewed Journal)
- XIV. **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)
- XV. **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)

## Books & Book Chapters

- I. **EFFECTS OF PESTICIDES ON HEMATOLOGICAL AND IMMUNOLOGICAL SYSTEM IN FISH**  
DUMAN S.  
in: CURRENT STUDIES AT POSITIVE SCIENCES, Mehriban EMEK, E. İlhan ŞAHİN, Editor, İksad Publishing House, Ankara, pp.221-243, 2020
- II. **Akuakültürde Kullanılan Medikamentlerin Çevre Sağlığı Üzerine Etkileri**  
DUMAN S.  
in: İnsan, Toplum ve Spor Bilimleri Araştırma Örnekleri, Faruk Yamaner, Ender Eyuboglu, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti., Ankara, pp.107-114, 2018
- III. **Akuakültürde Kullanılan Medikamentlerin Çevre Sağlığı Üzerine Etkileri**  
DUMAN S.  
in: İnsan, Toplum ve Spor Bilimleri Araştırma Örnekleri, Faruk Yamaner, Ender Eyuboglu, Editor, NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK TİC. LTD. ŞTİ., Ankara, pp.107-114, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **FARKLI KÜLTÜR SİSTEMLERİNDE MERSİN BALIĞI YETİŞTİRİCİLİĞİ**  
Duman S.  
12th International Conference of Strategic Research on Scientific Studies and Education, Isparta, Turkey, 10 - 13

December 2020, pp.160-164

- II. **Mersin Balıklarında (Sturgeons) Görülen Hastalıklar**  
DUMAN S.  
V. International Congress on Natural and Health Sciences (ICNHS-2019), Adana, Turkey, 13 - 15 December 2019, pp.422-426
- III. **HEMATOLOJİK ANALİZLERİN BALIK SAĞLIĞINDA KULLANIMI VE YETERLİLİĞİ**  
CENGİZLER İ., DUMAN S.  
10. International Conference of Strategic Research on Scientific Studies and Education, Roma, Italy, 17 - 18 June 2019, pp.32-39
- IV. **DENİZ BALIKLARI YETİŞTİRİCİLİĞİNDE FOULING SORUNU VE ÇÖZÜMYOLLARI**  
CENGİZLER İ., DUMAN S.  
10. International Conference of Strategic Research on Scientific Studies and Education, Roma, Italy, 17 - 18 June 2019, vol.463
- V. **BALIKLARDA İSKELET EĞRİLİKLERİ**  
DUMAN S., CENGİZLER İ.  
10. International Conference of Strategic Research on Scientific Studies and Education, Roma, Italy, 17 - 18 June 2019, pp.121-126
- VI. **HERBİSİTLERİN SUCUL CANLILAR ÜZERİNDEKİ ETKİLERİ**  
DUMAN S., CENGİZLER İ.  
10. International Conference of Strategic Research on Scientific Studies and Education, Roma, Italy, 17 - 18 June 2019, vol.127
- VII. **SKELETAL DEFORMITIES IN FISH**  
DUMAN S., CENGİZLER İ.  
10th International Conference of Strategic Research on Scientific Studies and Education (10th ICoSReSSE), Roma, Italy, 17 - 18 June 2019, pp.61
- VIII. **USE AND ADEQUACY OF HEMATOLOGICAL ANALYSIS IN FISH HEALTH**  
CENGİZLER İ., DUMAN S.  
10th International Conference of Strategic Research on Scientific Studies and Education (10th ICoSReSSE), Roma, Italy, 17 - 18 June 2019, pp.55
- IX. **FOULING PROBLEM IN MARINE AQUACULTURE AND SOLUTIONS**  
CENGİZLER İ., DUMAN S.  
10th International Conference of Strategic Research on Scientific Studies and Education (10th ICoSReSSE), Roma, Italy, 17 - 18 June 2019, pp.53
- X. **EFFECTS OF HERBICIDES ON AQUATIC CREATURES**  
DUMAN S., CENGİZLER İ.  
10th International Conference of Strategic Research on Scientific Studies and Education (10th ICoSReSSE), Roma, Italy, 17 - 18 June 2019, pp.57
- XI. **Oxidative Stress Biomarkers in Liver and Gill Tissues of European Catfish (Siluris glanis ) Caught from Different Regions of Ceyhan River (Adana, Turkey)**  
ŞAHAN A., ÖZÜTOK S., DUMAN S., CENGİZLER İ.  
4th International Conference on Engineering and Natural Sciences (ICENS ), Ukrayna-Kiev, 2 - 06 May 2018
- XII. **“INVESTIGATION OF AFLATOXIN IN FEEDS USED IN TWO RAINBOW TROUT OPERATIONS IN ADANA AND AĞRI PROVINCES IN DIFFERENT CLIMATIC CONDITIONS”**  
CENGİZLER İ., DUMAN S., ŞAHAN A.  
4th International Conference on Engineering and Natural Sciences (ICENS), Ukrayna-Kiev, 2 - 06 May 2018
- XIII. **INVESTIGATION OF AFLATOXIN IN FEEDS USED IN TWO RAINBOW TROUT OPERATIONS IN ADANA AND AĞRI PROVINCES IN DIFFERENT CLIMATIC CONDITIONS**  
CENGİZLER İ., DUMAN S., ŞAHAN A., Aldık R., ETYEMEZ M.  
4th International Conference on Engineering and Natural Sciences (ICENS 2018), Kiev, Ukraine, 2 - 06 May 2018, pp.109
- XIV. **BIOCHEMICAL INDICATORS (BIOMARKERS) IN GILL TISSUE OF EUROPEAN EEL (ANGUILLA**

**ANGUILLA L., 1758) CAUGHT FROM DIFFERENT REGIONS OF CEYHAN RIVER (ADANA, TURKEY)**

ŞAHAN A., DUMAN S.

4th International Conference on Engineering and Natural Sciences (ICENS 2018), Kiev, Ukraine, 2 - 06 May 2018, pp.125

**XV. DETERMINATION OF PARASITIC TRANSMISSIONS BETWEEN JAPANESE FISH (CARASSIUS AURATUS, GOLDFISH) AND TOADS (RANA RIDIBUNDA, RANA VIRIDIS)**

CENGİZLER İ., DUMAN S., ETYEMEZ M., Aldık R.

4th International Conference on Engineering and Natural Sciences (ICENS 2018), Kiev, Ukraine, 2 - 06 May 2018, pp.110

**XVI. OXIDATIVE STRESS BIOMARKERS IN LIVER AND GILL TISSUES OF EUROPEAN CATFISH (SILURIS GLANIS LINNAEUS, 1758) CAUGHT FROM DIFFERENT REGIONS OF CEYHAN RIVER (ADANA, TURKEY)**

ŞAHAN A., DUMAN S., CENGİZLER İ.

4th International Conference on Engineering and Natural Sciences (ICENS 2018), Kiev, Ukraine, 2 - 06 May 2018, pp.124

**XVII. THE INVESTIGATION OF MEDICAMENTS AND VACCINES IN TROUT FACILITIES LOCATED IN KEBAN DAM LAKE (ELAZIG, TURKEY)**

CENGİZLER İ., Aldık R., DUMAN S.

4th International Conference on Engineering and Natural Sciences (ICENS 2018), Kiev, Ukraine, 2 - 06 May 2018, pp.111

**XVIII. The importance of aquatic recreation areas in urban living and their contribution on health**

DUMAN S., CENGİZLER İ.

international congress of health and environment, 23 October 2017 - 25 January 2018

**XIX. THE IMPORTANCE OF AQUATIC RECREATION AREAS IN URBAN LIVING AND THEIR CONTRIBUTION ON HEALTH**

DUMAN S., CENGİZLER İ.

International Congress of Health and Environment (USCEK 2017), Adana, Turkey, 23 - 25 October 2017, pp.175

**XX. THE EFFECTS OF MEDICAMENTS USED IN AQUACULTURE ON ENVIRONMENTAL HEALTH**

DUMAN S., CENGİZLER İ., ŞAHAN A.

International Congress of Health and Environment (USCEK 2017), Adana, Turkey, 23 - 25 October 2017, pp.174

**XXI. Gökkuşuğu Alabalık (Oncorhynchus mykiss, Walbaum, 1792)'larında Yersinia ruckeri Enfeksiyonuna Karşı Kuşburnu (Rosa canina) Uygulamalarının, Karaciğer Antioksidan Enzim Aktiviteleri ve Histopatolojik Açıdan İncelenmesi**

ŞAHAN A., DUMAN S., ÖZESEN ÇOLAK S., ÇINAR E., BİLGİN R.

18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015, pp.120

**XXII. Balık yetiştiriciliğinde immünostimulant kullanımı**

DUMAN S., CENGİZLER İ.

İç Anadolu 2.Gıda ve Tarım Kongresi, Turkey, 26 - 30 April 2015

**XXIII. Balık Yetiştiriciliğinde İmmünostimulant Kullanımı**

DUMAN S., CENGİZLER İ.

2. İç Anadolu Bölgesi Tarım ve Gıda Kongresi, Nevşehir, Turkey, 28 - 30 April 2015, pp.469

**XXIV. Kangal Sivas Balıklı Çermik Termal Kaplıcası İle Topardıç Deresi Sivas Nde Yaşayan Cyprinion Macrostomus Heckel 1843 De Bazı Hematolojik Parametreler Ve Non Spesifik İmmün Yanıtın Belirlenmesi**

DUMAN S., ŞAHAN A.

Doğu Anadolu Bölgesi 5. Su Ürünleri Sempozyumu, Elazığ, Turkey, 31 May - 02 June 2014

**XXV. KANGAL (SİVAS) BALIKLI ÇERMİK TERMAL KAPLICASI İLE TOPARDIÇ DERESİ (SİVAS)' NDE YAŞAYAN Cyprinion macrostomus HECKEL, 1843' DE BAZI HEMATOLOJİK PARAMETRELER VE NON-SPEŞİFİK İMMÜN YANITIN BELİRLENMESİ**

DUMAN S., ŞAHAN A.

Doğu Anadolu Bölgesi 5. Su Ürünleri Sempozyumu, Elazığ, Turkey, 31 May - 02 June 2014, pp.246-249

**XXVI. Balıklı Çermik Termal Kaplıcası (Kangal) ile Topardıç Deresi (Kangal) 'nde Yaşayan Garra rufa**

## HECKEL, 1843 'ün Bazı Hematolojik ve Non-Spesifik İmmün Parametrelerinin Belirlenmesi

DUMAN S., ŞAHAN A.

17. Ulusal Su Ürünleri Sempozyumu, İstanbul, Turkey, 3 - 06 September 2013, pp.290

### XXVII. **Spirulina (Spirulina platensis) katkılı yemlerle beslenen Nil Tilapia (Oreochromis niloticus L., 1758)? sında bazı hematolojik ve spesifik olmayan immün parametrelerin belirlenmesi**

ŞAHAN A., TAŞBOZAN O., SARIHAN F., ÖZÜTOK S., ERBAŞ C., DUMAN S., USLU L., ÖZCAN F.

Fisheries and Aquatic Sciences ? Balıkçılık ve Akuatik Bilimler, Erzurum, Turkey, 30 May - 01 June 2013, pp.1

### XXVIII. **Spirulina (Spirulina platensis) Katkılı Yemle Beslenen Nil Tilapia (Oreochromis niloticus L., 1758)'sında Bazı Hematolojik ve Spesifik Olmayan İmmün Parametrelerin Belirlenmesi**

ŞAHAN A., TAŞBOZAN O., AYDIN F., ÖZÜTOK S., ERBAŞ C., DUMAN S., USLU L., özcan f.

International Symposium on Fisheries and Aquatic Sciences, Erzurum, Turkey, 30 May - 01 June 2013

### XXIX. **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**

ŞAHAN A., DUMAN S.

Animal Wealth Research Conference, 16 - 18 October 2008

## Supported Projects

ŞAHAN A., ÖZÜTOK S., DUMAN S., Project Supported by Higher Education Institutions, Ceyhan Nehrinin Farklı Bölgelerinden Yakalanan Avrupa Yılan Balığı (*Anguilla anguilla* L 1758) ve Yayın Balığı (*Siluris glanis* Linnaeus 1758)'nın Solungaç ve Karaciğer Dokularındaki Oksidatif Stres Biyomarkırları, 2017 - 2018

## Scientific Refereeing

POLISH JOURNAL OF VETERINARY SCIENCES, SCI Journal, August 2023

Etik Veteriner Mikrobiyoloji Dergisi, National Scientific Refreed Journal, November 2022

Acta Biologica Turcica, National Scientific Refreed Journal, October 2022

JOURNAL OF THE HELLENIC VETERINARY MEDICAL SOCIETY, SCI Journal, July 2021

The South African Society for Animal Science (SASAS), SCI Journal, March 2021

JOURNAL OF LIMNOLOGY AND FRESHWATER FISHERIES RESEARCH, National Scientific Refreed Journal, March 2020

Journal of Limnology and Freshwater Fisheries Research, Other Indexed Journal, May 2018

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Other journals, September 2017

## Metrics

Publication: 64

Citation (WoS): 15

Citation (Scopus): 18

H-Index (WoS): 3

H-Index (Scopus): 2

## Congress and Symposium Activities

4th International Conference on Engineering and Natural Sciences (ICENS 2018), Attendee, Kyiv, Ukraine, 2018

International Congress of Health and Environment (USCEK 2017), Attendee, Adana, Turkey, 2017

Eğirdir Su Ürünleri Fakültesi Balık Sağlığı ve Hastalıkları Çalıştayı, Attendee, Isparta, Turkey, 2015

2. İç Anadolu Bölgesi Tarım ve Gıda Kongresi, Attendee, Nevşehir, Turkey, 2015

FABA 2014 International Symposium on Fisheries and Aquatic Sciences, Attendee, Trabzon, Turkey, 2014

Dođu Anadolu Bölgesi 5. Su Ürünleri Sempozyumu, Attendee, Elazığ, Turkey, 2014

17. Ulusal Su Ürünleri Sempozyumu, Attendee, İstanbul, Turkey, 2013