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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABF-8570-2020

ScopusID: 57410161000

Yoksis Researcher ID: 40146

Education Information

Post Doctorate, Gebze Technical University, Institute Of Nanotechnology, Department Of Nanoscience And Nanoengineering (Interdisciplinary), Turkey 2022 - Continues

Doctorate, Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Avlama Ve İşleme Teknolojisi, Turkey 2015 - 2019

Postgraduate, Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Avlama Ve İşleme Teknolojisi, Turkey 2012 - 2014

Postgraduate, Fırat University, Faculty Of Aquaculture, Temel Bilimler, Turkey 2008 - 2010

Undergraduate, Fırat University, Faculty Of Aquaculture, Su Ürünleri Mühendisliği, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, MSCA PF 2021 Çağrısı Proje Yazma Eğitimi, TUBITAK, 2021

Education Management and Planning, AB Ufuk2020 Uygulamalı Proje Yazma Eğitimi, University, 2020

Education Management and Planning, AKADEMİK DÜZEYDE ARAŞTIRMA PROJESİ HAZIRLAMA EĞİTİMİ, TUBITAK, 2017

Other, 1 Yıldız Dalgıçlık Kursu, Turkish underwater sports federation, 2014

Other, Fırat Üniversitesi Hayvan Deneyleri Yerel Etik Kurulu Deney Hayvanları Kullanım Sertifikası, Fırat Üniversitesi, 2010

Quality Management, TS EN ISO 22000:2005 Gıda Güvenliği Yönetim Sistemleri (HACCP) Sertifikası, Fırat Üniversitesi, 2008

Dissertations

Doctorate, DOĞU KARADENİZ BENTİK EKOSİSTEMİNDEKİ BARBUN Mullus barbatus BALIKLARININ POPULASYON VE BESLENME DİNAMİKLERİ, Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Avlama Teknolojisi, 2019

Postgraduate, Güney Doğu Karadeniz'de Beam Trol ile avlanan yengeç türlerinin (Crustacea: Decapod:Brachyura)

popülasyon dinamiği ve Beam trolün ekosisteme etkisi., Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Avlama Ve İşleme Teknolojisi, 2014
Postgraduate, Hazar İnci Balığı (Alburnus Heckeli BATTALGİL,1943)'nın Büyüme Özelliklerinin Araştırılması., Firat University, Su Ürünleri Fakültesi, Temel Bilimler, 2010

Research Areas

Seafood, Fishery Products, Biomaterials

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Su Ürünleri Avlama ve İşleme Teknolojisi Bölümü, 2023 - Continues
Researcher, Gebze Technical University, Institute Of Nanotechnology, Department Of Nanoscience And Nanoengineering (Interdisciplinary), 2022 - Continues
Research Assistant PhD, Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Su Ürünleri Avlama ve İşleme Teknolojisi Bölümü, 2011 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Valorization of bio-calcium carbonate based Chamelea gallina shell waste fillers in shape memory polymer composites**
Selçuk Pekdemir S., Onay H., Özen Öner E., Pekdemir M. E., Kök M., Ateş B., Aydoğdu Y., Dalgıç G.
JOURNAL OF APPLIED POLYMER SCIENCE, no.e55187, pp.1-12, 2024 (SCI-Expanded)
- II. **Seasonal monitoring of microplastic pollution in the Southeast Black Sea: An example of red mullet (Mullus barbatus) gastrointestinal tracts**
ONAY H., Karsli B., MİNAZ M., Dalgıç G.
MARINE POLLUTION BULLETIN, vol.191, no.114886, pp.1-6, 2023 (SCI-Expanded)
- III. **First approximation of the growth and the spawning period of Symphodus ocellatus (Linnaeus, 1758) (Pisces: Labridae) in the southeastern Black Sea.**
Onay H.
CIENCIAS MARINAS, no.49, pp.1-18, 2023 (SCI-Expanded)
- IV. **Biological parameters of grey wrasse Symphodus cinereus (Bonnaterre, 1788) (Pisces: Labridae) along the coasts of Rize in the south-eastern Black Sea**
Onay H.
Journal of the Marine Biological Association of the United Kingdom, vol.103, pp.1-6, 2023 (SCI-Expanded)
- V. **Decade of microplastic alteration in the southeastern black sea: An example of seahorse gastrointestinal tracts**
ONAY H., MİNAZ M., Ak K., ER A., Emanet M., Karsli B., Bilgin S.
ENVIRONMENTAL RESEARCH, vol.218, no.218, pp.115001, 2023 (SCI-Expanded)
- VI. **SEASONAL CHANGES IN THE FOOD SPECTRUM AND DAY-TIME RHYTHM OF FEEDING IN RED MULLET MULLUS BARBATUS (LINNAEUS, 1758) IN THE SOUTHEAST BLACK SEA**
Onay H., Dalgıç G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.4, pp.2671-2678, 2019 (SCI-Expanded)
- VII. **Population dynamics of the garfish, Belone euxini (Belonidae: Belone) from the south-east Black Sea**
BILGIN S., TASCI B., Bal H.
JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM, vol.94, no.8, pp.1687-1700, 2014 (SCI-Expanded)

- VIII. **Reproduction Biology of the Garfish, *Belone euxini* Gunther, 1866 (Belonidae: Belone) in the Southeast Black Sea**
Bilgin S., Tasci B., Bal H.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.14, no.3, pp.623-631, 2014 (SCI-Expanded)
- IX. **Otolith Biometry - Total Length Relationships in the Population of Hazar Bleak, *Alburnus heckeli* (Battalgil, 1943) Inhabiting Lake Hazar, Elazig, Turkey**
Basusta A., Bal H., Aslan E.
PAKISTAN JOURNAL OF ZOOLOGY, vol.45, no.4, pp.1180-1182, 2013 (SCI-Expanded)
- X. **Sexual seasonal growth of the European anchovy (*Engraulis encrasicolus*) caught by mid-water trawl and purse seine in the southern Black Sea**
BILGIN S., TASCI B., Bal H.
JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM, vol.93, no.2, pp.333-339, 2013 (SCI-Expanded)
- XI. **Length Based Growth Estimates and Reproduction Biology of Whiting, *Merlangius merlangus euxinus* (Nordman, 1840) in the Southeast Black Sea**
BILGIN S., Bal H., TASCI B.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.12, no.4, pp.871-881, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Spatio-temporal Distribution and Population Dynamics of the Red Mullet *Mullus barbatus* Linnaeus, 1758 from the South-east Black Sea**
Onay H., Dalgıç G., Ceylan Y.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, no.4, pp.720-727, 2023 (Peer-Reviewed Journal)
- II. **SEXUAL SEASONAL GROWTH AND MORTALITY OF SCALDBACK, *ARNOGLOSSUS KESSLERI* SCHMIDT, 1915 (PLEURONECTIFORMES: BOTHIDAE), CAUGHT BY EXPERIMENTAL BEAM TRAWL IN THE BLACK SEA, TURKIYE**
Onay H., Bilgin S.
Pakistan Journal of Marine Sciences, vol.32, no.2, pp.113-128, 2023 (ESCI)
- III. **The relationships between fish size and otolith dimensions between sexes in the Grey Wrasse, *Symphodus cinereus* (Bonnaterre, 1788)**
Onay H., Ceylan Y.
Menba Su Ürünleri Fakültesi dergisi (Online), vol.8, no.2, pp.83-93, 2022 (Peer-Reviewed Journal)
- IV. **Length based growth of *Liocarcinus depurator* (Crustacea: Decapoda: Brachyura) caught by beam trawl in the south-east Black Sea**
Onay H., Bilgin S.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.7, no.1, pp.62-71, 2022 (Peer-Reviewed Journal)
- V. **Reproduction Biology of the *Liocarcinus depurator* (Crustacea: Decapoda: Brachyura) Captured from Southeast Black Sea**
Onay H., Bilgin S.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.6, no.4, pp.642-650, 2021 (Peer-Reviewed Journal)
- VI. **Spatial and temporal distribution of *Liocarcinus depurator* (Crustacea: Decapod) caught by beam trawl in the southeastern Black Sea**
Onay H., Bilgin S.
Marine Science and Technology Bulletin, vol.4, no.10, pp.416-425, 2021 (Peer-Reviewed Journal)
- VII. **Length-Weight Relationships for Fourteen Fish Species Collected by Bottom Trawl from the Eastern Black Sea Coast, Turkey**

ONAY H., DALGIÇ G.

Marine Science and Technology Bulletin, vol.10, no.4, pp.326-332, 2021 (Peer-Reviewed Journal)

- VIII. **Length-Weight Relationships of Four Symphodus Species (Pisces: Perciformes) From Eastern Black Sea (Turkey)**
Onay H.
Marine Science and Technology Bulletin, vol.10, pp.228-233, 2021 (Peer-Reviewed Journal)
- IX. **Determination of Some Biological Characteristics and Population Parameters of the Blotched Picarel (*Spicara flexuosa* Rafinesque, 1810) Distributed in the Eastern Black Sea (Rize - Hopa)**
DALGIÇ G., ERGÜN İ. O., ONAY H., CEYLAN Y.
MARINE SCIENCE AND TECHNOLOGY BULLETIN, vol.10, no.2, pp.142-153, 2021 (Peer-Reviewed Journal)
- X. **Spawning Period and Size at Maturity of the Thornback ray, *Raja clavata* (Linnaeus, 1758), (Elasmobranchii: Rajidae) in the Black Sea.**
BİLGİN S., ONAY H.
Acta Aquatica Turcica, vol.16, no.4, pp.525-534, 2020 (Peer-Reviewed Journal)
- XI. **Seasonal growth and reproduction of the black goby, *Gobius niger* (Osteichthyes: Perciformes: Gobiidae) in the southeastern Black Sea region of Turkey.**
BİLGİN S., ONAY H.
Journal of Anatolian Environmental and Animal Sciences, vol.5, no.4, pp.465-473, 2020 (Peer-Reviewed Journal)
- XII. **Spawning Period and Size at Maturity of Scaldback, *Arnoglossus kessleri* Schmidt, 1915 (Pleuronectiformes: Bothidae), Caught by Beam Trawl in The Black Sea, Turkey**
BİLGİN S., Onay H.
AQUATIC SCIENCES AND ENGINEERING, vol.35, no.1, pp.13-18, 2020 (ESCI)
- XIII. **Weight-Length Relationships (WLRs) of Scaldback, *Arnoglossus kessleri* Schmidt, 1915 (Pleuronectiformes: Bothidae), Caught by Beam Trawl in the Southeastern Black Sea (Rize, Turkey).**
BİLGİN S., ONAY H.
Journal of Anatolian Environmental and Animal Sciences, vol.4, no.3, pp.354-358, 2019 (Peer-Reviewed Journal)
- XIV. **Güneydoğu Karadeniz'de (Rize kıyıları, Türkiye) Deneysel Kirişli Trol ile Örneklenen Yengeç (Crustacea: Decapoda: Brachyura) ve Mollusca (Bivalvia, Gastropoda) Türleri**
Bilgin S., ONAY H.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.4, no.2, pp.221-229, 2019 (Peer-Reviewed Journal)
- XV. **Karadeniz'de Karaya Vuran ve Kazara Yakalanan Yunuslar (Cetacea) Hakkında: Ölüm Nedenleri, Beslenme Özellikleri ve Gebelik Durumu**
BILGIN S., ONAY H., KÖSE Ö., YEŞİLÇİÇEK T.
TURKISH JOURNAL of AGRICULTURAL and NATURAL SCIENCES, no.5, pp.447-454, 2018 (Peer-Reviewed Journal)
- XVI. **The Growth Characteristics of Hazar Bleak (*Alburnus heckeli* Battalgil, 1943) Living in Lake Hazar (Elazığ, Turkey)**
BAL H.
Turkish Journal of Science & Technology, vol.7, no.2, pp.205-210, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Güneydoğu Karadeniz'xxde (Rize kıyıları, Türkiye) deneysel kirişli trol ileörneklenen balık (Pisces) türleri**
ONAY H., BİLGİN S.
Uluslararası Avrasya Biyoteknoloji ve Biyokimya Konferansı, 16 - 18 December 2020
- II. **Rize Kıyılarında (Doğu Karadeniz) Dip Trolü ile Avlanan Balık Faunası Üzerine Bir Araştırma**
ONAY H.
Uluslararası Ekoloji Sempozyumu, 26 - 28 November 2020
- III. **Length-Weight Relationship of *Neogobius melanostomus* and *Gobius niger* species from the Eastern**

Black Sea, Turkey

ONAY H., DALGIÇ G.

2. Uluslararası Biyoçeşitlilik Araştırmaları Sempozyumu (ISBR 2020), 18 - 20 November 2020

IV. Güneydoğu Karadeniz Sahillerinde Dağılım Gösteren Tiryaki Balığının (*Uranoscopus scaber* Linnaeus, 1758) Boy-Ağırlık İlişkisi Üzerine Araştırmalar

ONAY H., DALGIÇ G.

International Conference on Research in Natural and Engineering Sciences, 14 - 15 November 2020

V. Hazar Gölü'nde Yaşayan *Alburnus heckeli* (Battalgil, 1944) nin Otolit Boyu- Balık Boyu Arasındaki İlişki

Başusta A., Onay H., Aslan E.

Fisheries and Aquatic Sciences FABA 2012, Eskişehir, Turkey, 21 - 24 November 2012, pp.1

Other Publications

I. WORKSHOP TO SCOPE ASSESSMENT METHODS TO SET THRESHOLDS (WKBENTH2)

Onay H.

Technical Report, pp.1-99, 2022

II. Working Group on Fisheries Benthic Impact and Trade-offs (WGFBIT; outputs from 2021 meeting).

Onay H.

Technical Report, pp.1-133, 2022

Supported Projects

Onay H., TUBITAK Project, Production of collagen obtained from cultured fish scales as a scaffold with sodium alginate polymer as a composite material by V-shaped microfluidic system to be used in the production of artificial tissue scaffold for nerve tissue applications, 2022 - 2024

BEKİRYAZICI F., KARSLI B., BAYÇELEBİ E., KAYA C., ONAY H., TUBITAK Project, Rize Bitlis Bilim Köprüsü, 2018 - 2019

AYTAR A., KAYA C., BAYÇELEBİ E., KARSLI B., ONAY H., TUBITAK Project, Denizde Bilim Karadeniz'ide Bilin, 2018 - 2019

AK K., KAYA C., ONAY H., BAYÇELEBİ E., KARSLI B., BAYTAŞOĞLU H., TUBITAK Project, Arkadaşım Balık, 2018 - 2019

DALGIÇ G., BAL H., Project Supported by Higher Education Institutions, DOĞU KARADENİZ BENTİK EKOSİSTEMİNDEKİ BARBUN *Mullus barbatus* BALIKLARININ POPULASYON VE BESLENME DİNAMİKLERİ, 2017 - 2019

DALGIÇ G., ERGÜN İ. O., CEYLAN Y., ERYAŞAR A. R., MAZLUM R. E., BAL H., Project Supported by Higher Education Institutions, Doğu Karadenizde (RİZE – HOPA) Dağılım Gösteren İzmarit Balığının (*Spicara flexuosa* Rafinesque, 1810) Bazı Biyolojik Özellikleri İle Populasyon Parametrelerinin Belirlenmesi, 2015 - 2018

Onay H., Project Supported by Higher Education Institutions, Güney Doğu Karadeniz de beam trol ile avlanan yengeç türlerinin Crustacea Decapod Brachyura populasyon dinamiği ve beam trolün ekosisteme etkisi, 2012 - 2014

Onay H., Project Supported by Higher Education Institutions, Doğu Karadeniz de Rize Sahillerin de Zargana Balığı *Belone belone* Günther 1866 Populasyon Dinamiği ve Balıkçılığı, 2012 - 2014

Bilgin S., Yeşilçiçek T., Şahin C., Kalaycı F., Ceylan Y., Köse Ö., Onay H., Project Supported by Higher Education Institutions, Karadeniz Yunusları ve Balıkçılıkla Etkileşimi Karaya Vuran Yunuslar Rize ve Artvin kıyı şeridi ve Kalkan Dip Uzatma Solungaç Ağlarının Etkisi, 2010 - 2013

Memberships / Tasks in Scientific Organizations

ICES/FAO Working Group on Fishing Technology and Fish Behaviour, Member, 2021 - Continues, Denmark

Fisheries Society of the British Isles, Member, 2021 - 2022, England

Scientific Refereeing

Thalassas: An International Journal of Marine Sciences, SCI Journal, March 2024

JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, National Scientific Refreed Journal, March 2023

Oceanological and Hydrobiological Studies, SCI Journal, December 2022

SU ÜRÜNLERİ DERGİSİ, National Scientific Refreed Journal, July 2022

YÜZÜNCÜ YIL ÜNİVERSİTESİ TARIM BİLİMLERİ DERGİSİ *, National Scientific Refreed Journal, November 2021

Acta Natura et Scientia, Other Journals, September 2021

CYBIUM, SCI Journal, July 2021

Marine Science and Technology Bulletin , Other Journals, November 2020

International Journal of Marine Science, Other Indexed Journal, January 2018

Metrics

Publication: 34

Citation (WoS): 44

Citation (Scopus): 23

H-Index (WoS): 4

H-Index (Scopus): 3

Congress and Symposium Activities

International Eurasian Conference on Biotechnology and Biochemistry, Attendee, Ankara, Turkey, 2020

10 th International Ecology Symposium, Attendee, Bursa, Turkey, 2020

2. Uluslararası Biyoçeşitlilik Araştırmaları Sempozyumu (ISBR 2020), Attendee, Rize, Turkey, 2020

International Conference on Research in Natural and Engineering Sciences, Attendee, Konya, Turkey, 2020

Hazar Gölü'nde Yaşayan Alburnus heckeli (Battalgil, 1944)'nin Otolit Boyu-Balık Boyu Arasındaki İlişki. FABA Sempozyumu, Attendee, Eskişehir, Turkey, 2012

Scholarships

BİDEB 2218 Yurt İçi Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2022 - Continues

Yurtdışı Yüksek Lisans Araştırma Bursu, YOK, 2014 - 2014