



TURGAY DURMUŞ

LECT. PHD

Email : turgay.durmus@istanbul.edu.tr

Office Phone : [+90 212 444 0000](tel:+902124440000)

Address : İstanbul Üniversitesi, Fen Fakültesi, Biyoloji

Bölümü, Hidrobiyoloji Anabilim Dalı

International Researcher IDs

ScholarID: o034V5QAAAAJ

ORCID: 0000-0002-8242-1823

Publons / Web Of Science ResearcherID: F-3142-2014

ScopusID: 55146140600

Yoksis Researcher ID: 252355

Learning Knowledge

Doctorate 2014 - 2021	Istanbul University, Faculty Of Science, Department of Biology, Turkey
Postgraduate 2010 - 2013	Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Anabilim Dalı, Turkey
Undergraduate 2005 - 2009	Istanbul University, Faculty Of Science, Department of Biology, Turkey

Dissertations

Doctorate, DETERMINATION OF TINTINNID (PROTOZOA: CILIOPHORA) SPECIES AND ECOLOGICAL VARIABLES AFFECTING THEIR DISTRIBUTION IN THE ECOSYSTEM OF THE GOLDEN HORN ESTUARY, Istanbul University, Faculty Of Science, Department of Biology, 2021

Postgraduate, Gemlik Körfezi Tintinnid (Protozoa: Ciliophora) Türleri ve Ortamın Bazı Ekolojik Özellikleri, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Anabilim Dalı/Hidrobiyoloji Programı, 2013

Academic Titles / Tasks

Lecturer 2021 - Continues	Istanbul University, Faculty of Science, Department of Biology
Research Assistant 2019 - 2021	Istanbul University, Faculty of Science, Department of Biology

Supported Projects

1. Aydın S., Balcı M., Özdelice N., Sönmez O., Durmuş T., Project Supported by Higher Education Institutions, Toprak biyoçeşitliliğinin arttırılmasında kırmızı deniz mikroalglerinin (Rhodophyta) biyostimülant potansiyelinin araştırılması, 2023 - 2024
2. Ergül H. A., Özen F., Özdelice N., Erduğan H., Gözler A. M., Emiroğlu Ö., Morkoyunlu Yüce A., Odabaşı D. A., Uçkan F., Ongun Sevindik T., et al., Project Supported by Other Official Institutions, Marmara Havzası'nda Su Kalitesi İzleme Projesi, 2020 - 2022
3. Özdelice N., Solak C. N., Durmuş T., Yılmaz E., Project Supported by Higher Education Institutions, Karadeniz'in Batı Kıyılarındaki Bentik Diyatome Topluluklarının Elektron Mikrokobuyla Belirlenmesi, 2018 - 2021
4. Taş S., Yüksek A., TÜBİTAK Project, İstanbul Boğazı Suyunun Haliç'te Su Kalitesi ve Fitoplankton Dağılımı Üzerine Etkilerinin İncelenmesi, 2013 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Community structure of tintinnids (Protozoa: Ciliophora) in the eutrophic environment (the Golden Horn Estuary, Turkey)**
Durmuş T., Özdelice N., Taş S.
JOURNAL OF SEA RESEARCH, vol.193, 2023 (SCI-Expanded)
2. ***Craspedostauros nazmii* sp. nov., a new diatom species (Bacillariophyta) from the Turkish Coast of the Black Sea**
Yılmaz E., Witkowski A., ÖZDELİCE N., Solak C. N., Gastineau R., DURMUŞ T.
PHYTOKEYS, vol.232, pp.77-88, 2023 (SCI-Expanded)
3. **Determination of seasonal changes in phytoplankton community of the coastal waters of Burgaz Island (the Sea of Marmara)**
Kayadelen Y., Balkis-Ozdelice N., Durmus T.
JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM, vol.102, no.3-4, pp.214-226, 2022 (SCI-Expanded)
4. **Ecology of the Testate Amoeba Arcella discoides Ehrenberg, 1871 (Amoebozoa: Arcellinida) in the Büyükçekmece Reservoir, Turkey**
Durmuş T., Mazei Y. A., Özdelice N.
Acta Zoologica Bulgarica, vol.73, no.4, pp.575-580, 2021 (SCI-Expanded)
5. **Relationship between environmental factors and zooplankton diversity in the Gulf of Bandırma (the Sea of Marmara)**
Toklu-Alicli B., Balkis-Ozdelice N., Durmus T., Balci M.
BIOLOGIA, vol.76, no.6, pp.1727-1736, 2021 (SCI-Expanded)
6. **Description of two new Cymbella (Bacillariophyta) species from Sakarbasi spring, Turkey**
Solak C. N., ÖZDELİCE N., Yılmaz E., DURMUŞ T., Blanco S.
PHYTOTAXA, vol.484, no.2, pp.195-206, 2021 (SCI-Expanded)
7. **Phytoplankton composition related to the environmental conditions in the coastal waters of the Gulf of Erdek**
Balkis-Ozdelice N., Durmuş T., Toklu-Alicli B., Balcı M.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.49, no.9, pp.1545-1559, 2020 (SCI-Expanded)
8. **Distribution of enteric bacteria by means of GIS and detection of Escherichia coli with uidA gene in Kapıdağ Peninsula of Marmara Sea**
Sivri N., Allen M. J., Jones M., Şeker D. Z., Durmus T., Balci M., Balkis N.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.47, pp.1495-1501, 2018 (SCI-Expanded)
9. **TINTINNID (PROTOZOA: CILIOPHORA) SPECIES IN THE GULF OF GEMLİK AND SOME ECOLOGICAL PROPERTIES OF THE ENVIRONMENT**
Durmus T., Balkis N.

- FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.2990-2997, 2014 (SCI-Expanded)
10. **SEASONAL VARIATIONS OF NUTRIENTS AND CHLOROPHYLL-A IN THE COASTAL WATERS OF THE KAPIDAG PENINSULA (MARMARA SEA)**
Balci M., Balkis N., Durmus T., Sivri N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.3391-3399, 2014 (SCI-Expanded)
 11. **Species of Genus Tintinnopsis Stein, 1867 in Turkish Coastal Waters and New Record of Tintinnopsis corniger Hada, 1964**
Durmus T., Balci M., Balkis N.
PAKISTAN JOURNAL OF ZOOLOGY, vol.44, pp.383-388, 2012 (SCI-Expanded)
 12. **ANALYSIS OF ENTERIC BACTERIA DISTRIBUTION IN THE GULF OF GEMLIK (MARMARA SEA) BY MEANS OF GIS**
Sivri N., Balci M., Durmus T., Şeker D. Z., Balkis N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.3224-3232, 2012 (SCI-Expanded)
 13. **SEASONAL VARIATIONS IN THE ENVIRONMENTAL PARAMETERS AND WATER QUALITY STATUS OF THE GULF OF GEMLIK IN THE MARMARA SEA (TURKEY)**
Balci M., Durmus T., Balkis N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.3059-3068, 2012 (SCI-Expanded)

Articles Published in Other Journals

1. **New Records for Microalgae Species of the Turkish Seas Under the Effect of Intense Mucilage in the Sea of Marmara**
DURMUŞ T., ÖZDELİCE N., TAŞ S., Bayram Partal F., BALCI M., DALYAN C., Sarı M.
European Journal of Biology, vol.81, no.2, pp.144-162, 2022 (Scopus)
2. **COMMENTS ON: Okudan, E.Ş., Dural, B., Erdugan, H., Aktan, Y., Demir, V., Aysel, V. (2021) New record of the benthic marine mucilage aggregates Phaeocystis giraudii from Turkish Eastern Mediterranean Sea. Journal of the Black Sea/Mediterranean Environment 27(2): 124-139**
ÖZDELİCE N., DURMUŞ T., BALCI M.
Journal of the Black Sea/Mediterranean Environment, vol.28, no.1, pp.125-126, 2022 (Peer-Reviewed Journal)
3. **The early stage of mucilage formation in the Marmara Sea during spring 2021**
Ergül H. A., Özdelice N., Koral M., Aksan S., Durmuş T., Kaya M., Kayal M., Ekmekci F., Canlı O.
Journal of the Black Sea / Mediterranean Environment, vol.27, no.2, pp.232-257, 2021 (Peer-Reviewed Journal)
4. **A Preliminary Study on the Intense Pelagic and Benthic Mucilage Phenomenon Observed in the Sea of Marmara**
Özdelice N., Durmuş T., Balci M.
International Journal of Environment and Geoinformatics, vol.84, no.4, pp.414-422, 2021 (Peer-Reviewed Journal)
5. **Evaluation of the Relationship between Epiphytic Diatoms and Water Quality Parameters in the Büyükçekmece Reservoir**
Aykut T. O., Özdelice N., Durmuş T., Solak C. N.
European Journal of Biology, vol.80, no.1, pp.54-68, 2021 (Peer-Reviewed Journal)
6. **Distribution of Ciliates in Relation to Environmental Parameters in two Gulfs of Kapıdağ Peninsula (the Sea of Marmara)**
Özdelice N., Toklu Alıçlı B., Durmuş T.
ACTA AQUATICA TURCICA, no.15, pp.468-479, 2019 (Peer-Reviewed Journal)
7. **Excessive growth of Cladophora laetevirens (Dillwyn) Kutzing and enteric bacteria in mats in the Southwestern Istanbul Coast, Sea of Marmara**
Özdelice N., Sivri N., Fraim N. L., Balci M., Durmuş T., Sukatar A.
IUFS JOURNAL OF BIOLOGY, vol.72, no.2, pp.43-50, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

1. **Geçmişten Günümüze Marmara Denizi'nde Gözlenen Müsilaj Oluşumunda Fitoplanktonun Rolü**
ÖZDELİCE N., DURMUŞ T., BALCI M.
in: Marmara Denizi'nin Müsilaj Sorunu, Meriç Albay, Editor, İstanbul Üniversitesi Yayınevi, İstanbul, pp.147-167, 2023
2. **Marmara Denizi'nde Gözlenen Müsilaj Yapının Karakterizasyonu Ve Bu Oluşuma Fitoplanktonun Katkısı**
AKSU A., ÖZDELİCE N., ÇAĞLAR BALKIS N., TAŞKIN Ö. S., DURMUŞ T.
in: Marmara Denizi'nin Müsilaj Sorunu, Meriç Albay, Editor, İstanbul Üniversitesi Yayınevi, İstanbul, pp.135-146, 2023
3. **MICROZOOPLANKTON (TINTINNIDS) OF THE SEA OF MARMARA: A REVIEW**
Durmuş T., Balcı M., Özdelice N.
in: THE SEA OF MARMARA: MARINE BIODIVERSITY, FISHERIES, CONSERVATION AND GOVERNANCE, Emin ÖZSOY, M. Namık ÇAĞATAY, Neslihan BALKIS, Nuray BALKIS, Bayram ÖZTÜRK, Editor, TUDAV, İstanbul, pp.366-375, 2016

Refereed Congress / Symposium Publications in Proceedings

1. **Marmara Denizi'nin Derin Deşarj Yapılan Sedimanlarında Bulunan Dinoflagellat Kistleri**
Öksüzöğlu A. N., Durmuş T., Özdelice N.
25. Ulusal Biyoloji Kongresi, İzmir, Turkey, 13 - 15 July 2023, pp.126
2. **Marmara Denizi'nde gözlenen yoğun müsilaj oluşumunun mikrozooplanktona etkisi**
DURMUŞ T., ÖZDELİCE N., TAŞ S., BAYRAM PARTAL F.
25. Ulusal Biyoloji Kongresi, Turkey, 13 July 2023
3. **Craspedostauros nazmii sp. nov., a new diatom (Bacillariophyta) species from Black Sea (Turkey)**
YILMAZ E., WITKOWSKI A., ÖZDELİCE N., SOLAK C. N., GASTINEAU R., DURMUŞ T.
14th European Diatom Meeting, MEISE, Belgium, 09 May 2023
4. **DETERMINATION OF TINTINNID (PROTOZOA: CILIOPHORA) SPECIES IN THE GOLDEN HORN ECOSYSTEM AND INVESTIGATION OF ECOLOGICAL VARIABLES AFFECTING THEIR DISTRIBUTION**
Durmuş T., Özdelice N., Taş S.
5. Ulusal Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.75-76
5. **Deniz Ekosistemlerinde Ekolojik Bir Tehlike: Yoğun Müsilaj Oluşumu**
DURMUŞ T., ÖZDELİCE N., BALCI M.
Uluslararası Katılımlı 74. Türkiye Jeoloji Kurultayı, Turkey, 11 - 15 April 2022
6. **Haliç Ekosistemi Güncel Deniz Sedimanlarındaki Dinoflagellat Kistlerinin Dağılımı ve Ekolojik Riskleri**
ÖZDELİCE N., DURMUŞ T.
Uluslararası Katılımlı 74. Türkiye Jeoloji Kurultayı, Turkey, 11 - 15 April 2022
7. **Tintinnid (Protozoa: Ciliophora) Species in the Gulf of Gemlik and some Ecological Properties of the Environment**
Durmuş T., Özdelice N.
17th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, İstanbul, Turkey, 28 September - 01 October 2013, pp.60
8. **Seasonal Variations of nutrients and chlorophyll-a in the coastal waters of the Kapıdağ Peninsula (Marmara Sea)**
Balcı M., Özdelice N., Durmuş T., Sivri N.
17th Int. Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, İstanbul, Turkey, 28 September - 01 October 2013, pp.280
9. **Analysis of Enteric Bacteria Distribution in The Gulf of Gemlik (Marmara Sea) By Means Of GIS**
SİVRİ N., BALCI M., DURMUŞ T., ŞEKER D. Z., BALKIS N.

International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Ioannina, Greece, 24 - 27 October 2011, pp.20

10. **Excessive growth of *Cladophora* sp. in the southwestern Istanbul coast (Marmara Sea)**

Özdelice N., Sivri N., Fraim N. L., Balcı M., Durmuş T.

Workshop on Algal and Jellyfish Blooms in the Mediterranean and Black Sea, İstanbul, Turkey, 6 - 08 October 2010, pp.1

Other Publications

1. **New Records for Microalgae Species of the Turkish Seas Under the Effect of Intense Mucilage in the Sea of Marmara**

Durmuş T., Özdelice N., Taş S., Bayram Partal F., Balcı M., Dalyan C., Sarı M.

Other, pp.144-163, 2022

2. **COMMENTS ON: Okudan, E.Ş., Dural, B., Erdugan, H., Aktan, Y., Demir, V., Aysel, V. (2021) New record of the benthic marine mucilage aggregates *Phaeocystis giraudii* from Turkish Eastern Mediterranean Sea**

Özdelice N., Durmuş T., Balcı M.

Other, pp.125-126, 2022

3. **A Preliminary Study on the Intense Pelagic and Benthic Mucilage Phenomenon Observed in the Sea of Marmara**

Özdelice N., Durmuş T., Balcı M.

Other, pp.414-422, 2021

4. **Excessive growth of *Cladophora laetevirens* (Dillwyn) Kutzing and enteric bacteria in mats in the Southwestern Istanbul Coast, Sea of Marmara**

Özdelice N., Sivri N., Fraim N. L., Balcı M., Durmuş T., Sukatar A.

Other, pp.43-50, 2013

Metrics

Publication: 37

Citation (WoS): 34

Citation (Scopus): 27

H-Index (WoS): 4

H-Index (Scopus): 3

Congress and Symposium Activities

25. Ulusal Biyoloji Kongresi, Session Moderator, İzmir, Turkey, 2023

5. Ulusal Deniz Bilimleri Konferansı, Attendee, Trabzon, Turkey, 2022

74. Geological Congress of Turkey with international participation, Session Moderator, Ankara, Turkey, 2022

Audience, İstanbul, Turkey, 2021