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

ScopusID: 55146140600

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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. DOĞRUÖZ GÜNGÖR N., ARSLAN AYDOĞDU E. Ö., BALCI M., DURMUŞ T., SELİM G., SEZGİN R., DURSUN F., Project Supported by Higher Education Institutions, Türk Kıyı Sularından Saflaştırılan Proocentrum lima Ehrenberg FStein 1878 Monoalgal Hücre Kültürlerinin Refakatçi Bakteri Florasının Belirlenmesi, 2024 - Continues
2. ÖZDELİCE N., BOYOĞLU D. B., SARIYAR B., ÇAĞLAR N., AKSU A., BALCI M., DURMUŞ T., Project Supported by Higher Education Institutions, Marmara Denizi'nin Kuzeyinde Çözünmüş Karbondioksit Derişiminin ve Kısmi Basınc Değişiminin Zararlı Alg Artışları ve İklim Değişikliğine Etkileri, 2023 - Continues
3. Dursun F., Taş S., Balcı M., Durmuş T., TÜBİTAK International Bilateral Joint Cooperation Program Project, Türkiye'nin Kıyı Sularında ve Kutup Bölgelerinde Bulunan Zararlı Mikroalg Türlerinin ve Bu Türlerin Ürettikleri Toksinlerin Değerlendirilmesi (HABTUPORE), 2024 - 2026
4. 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
5. Balcı M., Yılmaz M., DURMUŞ T., TUBITAK Project, Morphological, Molecular and Toxicological Characterization of Benthic / Epiphytic Dinoflagellates in the Western Black Sea, the Sea of Marmara and North of the Aegean Sea., 2021 - 2024
6. 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
7. 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
8. Taş S., Yüksek A., TUBITAK 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. **Determination of water quality and trophic level by using epilithic diatoms in Büyükçekmece Reservoir**
Aykut T. O., ÖZDELİCE N., DURMUŞ T., Solak C. N.
Diatom Research, vol.39, no.3, pp.77-100, 2024 (SCI-Expanded)
2. **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)
3. ***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)
4. **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)
5. **Relationship between environmental factors and zooplankton diversity in the Gulf of Bandirma (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., Balci 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., Durmuş 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**
Durmuş 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 KAPIDAĞ PENINSULA (MARMARA SEA)**
Balci M., Balkis N., Durmuş 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**
Durmuş T., Balci M., Balkis N.
PAKISTAN JOURNAL OF ZOOLOGY, vol.44, pp.383-388, 2012 (SCI-Expanded)
12. **SEASONAL VARIATIONS IN THE ENVIRONMENTAL PARAMETERS AND WATER QUALITY STATUS OF THE GULF OF GEMLİK IN THE MARMARA SEA (TURKEY)**
Balci M., Durmuş T., Balkis N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.3059-3068, 2012 (SCI-Expanded)
13. **ANALYSIS OF ENTERIC BACTERIA DISTRIBUTION IN THE GULF OF GEMLİK (MARMARA SEA) BY MEANS OF GIS**
Sivri N., Balci M., Durmuş T., Şeker D. Z., Balkis N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.3224-3232, 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., Fram 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

- The Impact of Global Climate Change on Marine Zooplankton**
Toklu Alıçlı B., Durmuş T., Bozkurt M.
in: Ecological Dynamics in the Face of Climate Change Exploring Organisms, Habitats, and Behavioral Adaptations, Prof.Dr. Nihal DOĞRUÖZ GÜNGÖR, Dr. Öğr. Üyesi Elif Özlem ARSLAN AYDOĞDU, Editor, Nobel Tıp Kitapevi, İstanbul, pp.119-131, 2024
- The Effect of Terrestrial Inputs on Nutrients Dynamics in the Gulf of Gemlik**
BALCI M., DURMUŞ T., ÖZDELİCE N.
in: Ecological Changes in the Sea of Marmara, İŞİNİBİLİR OKYAR MELEK, KIDEYŞ AHMET ERKAN, Malej Alenka, Editor, Istanbul University Press, İstanbul, pp.373-388, 2024
- ECOLOGICAL IMPORTANCE, INTERACTIONS, AND FUNCTIONAL ROLES OF PROTISTS IN MICROBIAL COMMUNITIES**
DURMUŞ T.
in: MEGA ALLIANCES WITH THE MICRO-WORLDS The Harmonious Symphony of Microorganisms with Other Organisms, ARSLAN AYDOĞDU ELİF ÖZLEM, DOĞRUÖZ GÜNGÖR NİHAL, HASPOLAT YUSUF KENAN, Editor, Orient Publications, pp.34-55, 2024
- Determination of the Distribution of Dinoflagellate Cysts in Recent Marine Sediments of the Golden Horn Estuary Ecosystem and Their Effects on Eutrophication**
DURMUŞ T., ÖZDELİCE N.
in: Ecological Changes in the Sea of Marmara, İŞİNİBİLİR OKYAR MELEK, KIDEYŞ AHMET ERKAN, Malej Alenka, Editor, Istanbul University Press, İstanbul, pp.467-498, 2024
- 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
- 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
- The Role of Phytoplankton in the Formation of Mucilage Observed in The Sea of Marmara from Past to Present**
ÖZDELİCE N., DURMUŞ T., BALCI M.
in: Mucilage Problem in the Sea of Marmara, Albay, Meriç, Editor, Istanbul University Press, pp.143-164, 2023
- MICROZOOPLANKTON (TINTINNIDS) OF THE SEA OF MARMARA: A REVIEW**
Durmuş T., Balci 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,

Refereed Congress / Symposium Publications in Proceedings

1. **Toxicity Assessment Based on Artemia sp. Bioanalysis of Benthic Dinoflagellate Prorocentrum lima (Ehrenberg) Stein, 1878 Strain Isolated from the Northern Aegean Sea**
Bozkurt M., Sezgin R., Durmuş T., Balcı M.
6. Ulusal Deniz Bilimleri Konferansı, Rize, Turkey, 15 - 17 May 2024, pp.73-74
2. **Seasonal Comparison of Coastal Water Quality and Eutrophication Status in the Black Sea, Sea of Marmara, and Aegean Sea**
Durmuş T., Bozkurt M., Sezgin R., Toklu Alıçlı B.
11th International Symposium on Ecology 2024, Sinop, Turkey, 29 May - 01 June 2024, pp.128
3. **Comparative Analysis of Multiple Approaches for Template DNA Purification from Microalgae Isolates**
Durmuş T., Sezgin R., Balcı M.
11th International Symposium on Ecology 2024, Sinop, Turkey, 29 May - 01 June 2024, pp.127
4. **The Role of Microalgae-Bacteria Microbiome in the Sea of Marmara Mucilage Formation**
Sezgin R., Balcı M., Çiftçi Türetken P. S., Durmuş T., Özdelice N., Altuğ G.
Türkiye Fikoloji Çalıştayı, Manisa, Turkey, 25 - 26 April 2024, pp.45-46
5. **The Danger in Our Coastal Waters During Climate Change: Benthic Dinoflagellates**
Balcı M., Sezgin R., Durmuş T.
Türkiye Fikoloji Çalıştayı, Manisa, Turkey, 25 - 26 April 2024, pp.33-34
6. **Endosymbiotic Dinoflagellates and their Possible Links With Harmful Algal Blooms in the Marmara Sea**
Ataklı U., Sezgin R., Balcı M., Durmuş T., Özdelice N.
Türkiye Fikoloji Çalıştayı, Manisa, Turkey, 25 - 26 April 2024, pp.51-52
7. **Marmara Denizi'nin Derin Deşarj Yapılan Sedimanlarında Bulunan Dinoflagellat Kistleri**
Öksüzoğlu A. N., Durmuş T., Özdelice N.
25. Ulusal Biyoloji Kongresi, İzmir, Turkey, 13 - 15 July 2023, pp.126
8. **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
9. **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
10. **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
11. **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
12. **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
13. **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

14. **Seasonal Variations of nutrients and chlorophyll-a in the coastal waters of the Kapıdağ Peninsula (Marmara Sea)**
Balci 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
15. **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
16. **Excessive growth of Cladophora sp. in the southwestern Istanbul coast (Marmara Sea)**
Özdelice N., Sivri N., Fram N. L., Balci 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., Balci 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., Balci 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., Balci 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., Fram N. L., Balci M., Durmuş T., Sukatar A.
Other, pp.43-50, 2013

Metrics

Publication: 48
Citation (WoS): 43
Citation (Scopus): 31
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