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RES. ASST. PHD

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International Researcher IDs

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Publons / Web Of Science ResearcherID: L-7694-2013

ScopusID: 37123281800

Yoksis Researcher ID: 119522



Biography

I currently work as a research assistant at Institute of Marine Sciences and Technology, Dokuz Eylül University. I graduated from the Department of Chemistry, Faculty of Arts and Science, Dokuz Eylül University in 2010. I received my M.Sc. degree in 2012 from the Chemistry Programme at Graduate School of Natural and Applied Sciences, Dokuz Eylül University. My M.Sc. thesis was related to investigation, field testing and ecotoxicological testing of antifouling and eco-friendly biocides. I received my Ph.D. from the Marine Chemistry Programme at Graduate School of Natural and Applied Sciences, Dokuz Eylül University. In my doctoral studies, I focused on marine biogeochemistry subjects: seasonal cyclings of nutrients, carbohydrates and amino acids at eutrophic and oligotrophic parts of semi-enclosed bay (Izmir Bay). Currently I'm working on molecular characterization of organic matter in the marine environment. I also work on liquid chromatography, microfluidics and analysis of organic molecules with spectroscopic instruments (UV-Vis Absorbance, Fluorescence) for method development in marine chemistry. In my works, I use R, Python and Matlab programming languages and software for statistical analyses, graphing, modeling and data transfer from analysis instruments.

Learning Knowledge

Doctorate
2013 - 2018

Dokuz Eylul University, Fen Bilimleri Enstitüsü, Department of Marine Sciences and Technology, Turkey

Postgraduate
2010 - 2012

Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey

Undergraduate
2006 - 2010

Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, Turkey

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, Shimadzu Marka HPLC Cihazı Kullanıcı Eğitimi, Ant Teknik Cihazlar Ltd. Şti., 2019

Vocational Training, Bio-Tek Marka Synergy HTX S1LFA Model Elisa Okuyucu Cihazı ve Gen5 Yazılımı Operatör Eğitimi, Pera Medikal A.Ş., 2014

Vocational Training, How to Write a Scientific Paper, Ege Üniversitesi, Su Ürünleri Fakültesi, 2012

Dissertations

Doctorate, Seasonal variation of dissolved organic matter in Izmir Bay, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Deniz Kimyası (Dr), 2018

Postgraduate, Antifouling performances of eco-friendly secondary metabolite cocktails from marine plants, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2012

Academic Titles / Tasks

Research Assistant PhD
2012 - Continues

Dokuz Eylul University, Deniz Bilimleri ve Teknolojisi Enstitüsü, Deniz Bilimleri
Anabilim Dalı

Supported Projects

- İlhan T., Vardar D., Suzer E., Gündüz M., Okay Günaydın S., Darılmaz E., Yıldız N. Ö., Eronat C., Akçalı B., Kaboğlu G., et al., TUBITAK Project, Posidonia Oceanica (L.) Delile, 1813 Çayırı ve Mat Katmanının Olası Karbon Stoğunun Belirlenmesinde Çok Disiplinli Bir Yaklaşım, 2024 - 2026
- Alyürük H., Suzer E., Darılmaz E., TUBITAK Project, Development of an Analysis Method for Ammonium in Seawater by Using Microfluidic Reactor Based Liquid Chromatography Technique, 2022 - 2024
- Alyürük H., Konaş A., Altay O., TUBITAK Project, Yüksek Performanslı Sıvı Kromatografisi Tekniği ile Deniz Suyunda Çözünmüş Monosakkaritlerin Moleküler Analizi, 2018 - 2020
- Alyürük H., Konaş A., Altay O., Darılmaz E., Suzer E., Project Supported by Other Official Institutions, LADY TUNA'DAN KAYNAKLANAN PETROL SIZINTISININ ETKİLERİNİN İLDİRİ KÖRFEZİ (ÇEŞME)'NDE İNCELENMESİ, 2017 - 2018
- Konaş A., Suzer E., Darılmaz E., Eronat C., Ünlüoğlu A., Altay O., TUBITAK Project, Determination of Organic Matter and Pollutant Levels in Water Sediment and Organisms from Edremit Bay, 2014 - 2017
- Suzer E., Konaş A., Altay O., Darılmaz E., Alyürük H., TUBITAK Project, Homa Dalyanı bivalve türlerindeki (Mytilus galloprovincialis ve Tapes decussatus) ağır metal ve pestisit seviyelerinin mevsimsel olarak belirlenmesi enzimatik tepki ve sağlık risklerinin değerlendirilmesi, 2014 - 2016
- Çavaş L., Güzelış C., Kalaycı Demir G., Avcu N., Pekergin F., Pekergin N., TÜBİTAK International Bilateral Joint Cooperation Program Project, Parametre Belirsizliği Altında Hücre İçi Ağların Modellenmesi Analizi ve Optimal Kontrolü, 2012 - 2014
- Çavaş L., TUBITAK Project, Antifouling Boyalar için Deniz Bitkilerinden Yardımcı Biyosit Olarak Sekonder Metabolit İzolasyonu ve Ticari Yardımcı Biyositlerle Karşılaştırılması, 2011 - 2013

Awards

- Alyürük H., Kimya Anabilim Dalı, Kimya Yüksek Lisans Programı, Yayın Onur Belgesi, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, April 2022
- Alyürük H., Kimya Anabilim Dalı, Kimya Yüksek Lisans Programı, Üstün Başarı Belgesi, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, April 2022

3. Alyürük H., Deniz Bilimleri ve Teknolojisi Anabilim Dalı, Deniz Kimyası Doktora Programı, Yayın Onur Belgesi, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, April 2022
4. Alyürük H., Deniz Bilimleri ve Teknolojisi Anabilim Dalı, Deniz Kimyası Doktora Programı, Üstün Başarı Belgesi, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, April 2022

Scholarships

BİDEB 2211, TUBITAK, 2012 - 2016

BİDEB 2228, TUBITAK, 2010 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Assessment of trace metals concentrations in zooplankton from the Edremit Bay (Northeastern Aegean Sea, Türkiye)**
SUZER E., Bilgin M., ÜNLÜOĞLU A., ALYÜRÜK H., DARILMAZ E., KONTAŞ A.
REGIONAL STUDIES IN MARINE SCIENCE, 2023 (SCI-Expanded)
2. **Metal Bioaccumulation and Potential Health Risk Assessment in Different Tissues of Three Commercial Fish Species (*Merluccius merluccius*, *Mullus barbatus*, and *Pagellus erythrinus*) from Edremit Bay (Aegean Sea), Turkey**
Kontas A., Alyürük H., Bilgin M., Uluturhan E., Ünlüoğlu A., Darılmaz E., Altay O.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.2, pp.868-880, 2022 (SCI-Expanded)
3. **A comparative study of two HPLC methods for dissolved monosaccharide analysis in seawater using 2-amino benzamide and 2-amino pyrazine as pre-column derivatization reagents**
ALYÜRÜK H., Kontas A., Altay O.
Talanta, vol.234, 2021 (SCI-Expanded)
4. **Dissolved free, total and particulate enantiomeric amino acid levels in eutrophic and oligotrophic parts of a semi-enclosed bay (Izmir, Aegean Sea)**
ALYÜRÜK H., Kontas A.
REGIONAL STUDIES IN MARINE SCIENCE, vol.44, 2021 (SCI-Expanded)
5. **Metal contamination in surficial sediments of Edremit Bay (Aegean Sea): Spatial distribution, source identification and ecological risk assessment**
Kontas A., Uluturhan E., Alyürük H., Darılmaz E., Bilgin M., Altay O.
REGIONAL STUDIES IN MARINE SCIENCE, vol.40, 2020 (SCI-Expanded)
6. **Distributions and Sources of PAHs and OCPs in Surficial Sediments of Edremit Bay (Aegean Sea)**
Darılmaz E., Alyürük H., Kontas A., Altay O., Uluturhan E., Bilgin M.
ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.77, no.2, pp.237-248, 2019 (SCI-Expanded)
7. **Seasonal variations of multi-biomarker responses to metals and pesticides pollution in *M. galloprovincialis* and *T. decussatus* from Homa Lagoon, Eastern Aegean Sea**
Uluturhan E., Darılmaz E., Kontas A., Bilgin M., Alyürük H., Altay O., Sevgi S.
MARINE POLLUTION BULLETIN, vol.141, pp.176-186, 2019 (SCI-Expanded)
8. **Seasonal variations and distributions of dissolved free and total carbohydrates at the Izmir Bay, Aegean Sea**
ALYÜRÜK H., Kontas A.
ACTA OCEANOLOGICA SINICA, vol.37, no.8, pp.6-14, 2018 (SCI-Expanded)
9. **The Topology Prediction of Membrane Proteins: A Web-Based Tutorial**
Kandemir Çavaş Ç., Çavaş L., Alyürük H.
INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES, vol.10, no.2, pp.291-296, 2018 (SCI-Expanded)
10. **Discriminant-based bistability analysis of a TMG-induced lac operon model supported with**

boundedness and local stability results

AVCU N., KALAYCI DEMİR G., Pekergin F., ALYÜRÜK H., ÇAVAŞ L., Guzelis C.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.719-732, 2016 (SCI-Expanded)

11. **SESQUITERPENOID CAULERPENYNE LEVELS OF NEWLY IDENTIFIED CAULERPA TAXIFOLIA VAR. DISTICHOPHYLLA FROM THE ISKENDERUN BAY, TURKEY**
ÇEVİK F., ÇAVAŞ L., ÇEVİK C., Derici O. B., Turkmen G., ALYÜRÜK H., GÜNDOĞDU S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.8, pp.2867-2876, 2016 (SCI-Expanded)
12. **Determining the bistability parameter ranges of artificially induced lac operon using the root locus method**
Avcu N., ALYÜRÜK H., KALAYCI DEMİR G., Pekergin F., ÇAVAŞ L., Guzelis C.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.61, pp.75-91, 2015 (SCI-Expanded)
13. **An in silico bioinformatics laboratory manual for bioscience departments: 'prediction of glycosylation sites in phosphoethanolamine transferases'**
ALYÜRÜK H., ÇAVAŞ L.
JOURNAL OF BIOLOGICAL EDUCATION, vol.48, no.4, pp.211-230, 2014 (SCI-Expanded)
14. **Synthesis of new ibuprofen derivatives with their in silico and in vitro cyclooxygenase-2 inhibitions**
GÜNDOĞDU HIZLIATEŞ C., ALYÜRÜK H., Gocmenturk M., Ergun Y., ÇAVAŞ L.
BIOORGANIC CHEMISTRY, vol.52, pp.8-15, 2014 (SCI-Expanded)
15. **Molecular Analysis of the KIT Gene in Gastrointestinal Stromal Tumors With Novel Mutations**
ÇALIBAŞI KOÇAL G., BAŞBINAR Y., ALYÜRÜK H., ÇAVAŞ L., Öztop I., Sagol Ö., ATILA K., ELLİDOKUZ H., Yılmaz U.
APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY, vol.22, no.1, pp.37-45, 2014 (SCI-Expanded)
16. **A Letter to Editor: On the use of the term "self-polishing" for antifouling paints**
ÇAVAŞ L., ALYÜRÜK H.
PROGRESS IN ORGANIC COATINGS, vol.76, no.11, pp.1697-1698, 2013 (SCI-Expanded)
17. **Protein modelling of a novel KIT mutation (N567Y) in the gastrointestinal stromal tumour**
Alyürük H., Çalıbaşı Koçal G., Çavaş L., Başbınar Y., Öztop İ., Ellidokuz H., Yılmaz U.
EUROPEAN JOURNAL OF CANCER, vol.49, no.10, pp.2449-2452, 2013 (SCI-Expanded)
18. **A video tracking based improvement of acute toxicity test on Artemia salina**
ALYÜRÜK H., KALAYCI DEMİR G., ÇAVAŞ L.
MARINE AND FRESHWATER BEHAVIOUR AND PHYSIOLOGY, vol.46, no.4, pp.251-266, 2013 (SCI-Expanded)
19. **Toxicities of diuron and irgarol on the hatchability and early stage development of Artemia salina**
ALYÜRÜK H., ÇAVAŞ L.
TURKISH JOURNAL OF BIOLOGY, vol.37, no.2, pp.151-157, 2013 (SCI-Expanded)
20. **Fouling organisms on the rebars and protection by antifouling paint**
Kandemir E. C., ALYÜRÜK H., ÇAVAŞ L.
ANTI-CORROSION METHODS AND MATERIALS, vol.59, no.5, pp.215-219, 2012 (SCI-Expanded)
21. **ARTIFICIAL NEURAL NETWORK MODEL FOR BIOSORPTION OF METHYLENE BLUE BY DEAD LEAVES OF POSIDONIA OCEANICA (L.) DELILE**
Kalaycı Demir G., Dural M. U., Alyürük H., Çavaş L.
NEURAL NETWORK WORLD, vol.22, no.5, pp.479-494, 2012 (SCI-Expanded)
22. **Thomas and artificial neural network models for the fixed-bed adsorption of methylene blue by a beach waste Posidonia oceanica (L.) dead leaves**
Çavaş L., Karabay Z., Alyürük H., Doğan H., Kalaycı Demir G.
CHEMICAL ENGINEERING JOURNAL, vol.171, no.2, pp.557-562, 2011 (SCI-Expanded)

Articles Published in Other Journals

1. **Stimulation of the Biofilms of a marine bacterium Pseudoalteromonas agarivorans by Fucoidan extracted from macroalgae**

- Omuzbükten B., Alyürük H., Kaçar A.
RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT, vol.28, no.6, pp.45-51, 2024 (Scopus)
- Optical characterization of chromophoric dissolved organic matter at eutrophic and oligotrophic parts of a semi-enclosed bay (Izmir, Aegean Sea)**
Alyürük H., Konaş A.
SU URUNLERI DERGISI, vol.38, no.2, pp.199-210, 2021 (ESCI)
 - Effects of a sea tide on the biodiversity along Dikili coastline Izmir Turkey**
Çavaş L., Topçam G., Alyürük H.
Hacettepe Journal of Biology and Chemistry, vol.41, no.2, pp.125-132, 2013 (Peer-Reviewed Journal)
 - Antifouling performances and acute toxicities of some eco friendly biocides**
Alyürük H., Döner E., Zeynelabidin K., Çavaş L.
Hacettepe Journal of Biology and Chemistry, vol.38, no.4, pp.277-286, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

- R and Python for Oceanographers: A Practical Guide with Applications**
Alyürük H.
Elsevier Science, Oxford/Amsterdam , Massachusetts, 2019

Refereed Congress / Symposium Publications in Proceedings

- Deniz Çayırılarının Karbon Tutma Kapasitesinin Belirlenmesine Yönelik Çok Disiplinli Bir Yaklaşım**
İlhan T., Akçalı B., Alyürük H., Kaboğlu G., Darılmaz E., Suzer E., Yıldız N. Ö., Eytemiz C., Özel Ö., Okay Günaydın S., et al.
6.ULUSAL DENİZ BİLİMLERİ KONFERANSI, Rize, Turkey, 15 - 17 May 2024, pp.32
- Optimization of Reaction Parameters for Analysis of Ammonium in Seawater by Experimental Design Method**
Alyürük H., Bilgin M., Darılmaz E., Suzer E.
6. Ulusal Deniz Bilimleri Konferansı, Rize, Turkey, 15 - 17 May 2024, pp.1-2
- Characterization of a Continuous Flow Reactor for a Two-Step Derivatization Reaction in Environmental Analysis**
Alyürük H., Bilgin M., Darılmaz E., Suzer E.
5th International Environmental Chemistry Congress (EnviroChem), Antalya, Turkey, 30 October - 02 November 2023, pp.25
- İzmir Körfezi'nde Çözünmüş İnorganik Besin Elementleri ve Organik Maddenin Mevsimsel Değişimi**
Alyürük H., Konaş A.
III. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 11 May 2018, pp.296
- Seasonal Variations of Dissolved Nutrients and Trophic States in the Izmir Bay, Aegean Sea**
Alyürük H., Konaş A.
19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Rome, Italy, 4 - 06 October 2017
- Seasonal Variations of Dissolved Nutrients and Trophic States in the Edremit Bay Aegean Sea**
Darılmaz E., Alyürük H., Konaş A., Altay O., Suzer E., Bilgin M.
ECSA 56 Coastal systems in transition: From a 'natural' to an 'anthropogenically-modified' state, Bremen, Germany, 4 - 07 September 2016
- A Fast HPLC Method for Determination of D L Amino Acids in seawater**
Alyürük H., Konaş A.
41st CIESM Congress, Kiel, Germany, 12 - 16 September 2016
- Characterization of chromophoric dissolved organic matter CDOM in İzmir Bay Aegean Sea by**

excitation emission matrix spectroscopy EEMs

Alyürük H., Konaş A.

ECSA 56 Coastal systems in transition: From a 'natural' to an 'anthropogenically-modified' state, Bremen, Germany, 4 - 07 September 2016

9. **Antifouling performance of zosteric acid in rosin based antifouling paints from Turkish coastlines**
Alyürük H., Topçam G., Çavaş L.
Paintistanbul 2012, İstanbul, Turkey, 13 - 15 September 2012
10. **Kinetic and molecular docking experiments on the inhibition of acetylcholine esterase**
Alyürük H., Çavaş L.
International Conference on Applied Informatics for Health and Life Sciences, Aydın, Turkey, 21 - 24 October 2014
11. **In Silico Protein Modelling and Predictability of KRAS Mutation on Behavior of Rectosigmoid Cancers**
Baskın Y., Çalıbaşı G., Dağdeviren Y., Alyürük H., Çavaş L., Canda A. E., Sarıođlu S., Ellidokuz H., Öztop İ.
1st Baku International Medical Student Congress for Students and Young Doctors, Baku, Azerbaijan, 2 - 03 May 2014, pp.32
12. **Comparison of Amino Acid Analysis Methods in Seawater**
Alyürük H., Konaş A.
40th CIESM Congress, Marseille, France, 28 October - 01 November 2013
13. **Using in silico protein modelling of KIT mutations for prediction of imatinib responses**
Çalıbaşı Koçal G., Başbınar Y., Alyürük H., Çavaş L., Öztop İ.
17th Fritz-Bender Foundation International Symposium: Progress Towards Individualized Cancer Treatments, Barcelona, Spain, 7 - 09 November 2013
14. **RP-HPLC determination of caffeic acid in Zostera noltii from Turkish coastlines**
Çavaş L., Alyürük H., Topçam G.
40th CIESM Congress, Marseille, France, 28 October - 01 November 2013
15. **Kanser Arařtırmalarına Yönelik Alternatif Metabolitler: Deniz Hıyarlarından Triterpen Glikozidler**
Çavaş L., Alyürük H.
1.İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 29 - 31 March 2012
16. **TMG Uyarımlı Bir Lak Operon Modeli İçin Sınırlılık ve Yerel Kararlılık Analizi**
Avcu N., Kalaycı Demir G., Pekergin F., Alyürük H., Çavaş L., Güzeliş C.
Elektrik-Elektronik ve Bilgisayar Mühendisliđi Sempozyumu, Bursa, Turkey, 29 November - 01 December 2012
17. **Some in silico tools used in personalized medicine**
Alyürük H., Çalıbaşı Koçal G., Çavaş L., Baskın Y.
24.Ulusal Biyokimya Kongresi, Konya, Turkey, 25 - 28 September 2012, vol.37, no.1, pp.119
18. **A Novel Mutation (N567Y) Can Affect Imatinib Therapy Response by Stabilization of Active KIT Protein in Gastrointestinal Stromal Tumours**
Çalıbaşı Koçal G., Başbınar Y., Alyürük H., Çavaş L., Öztop İ., Sađol Ö., Ellidokuz H., Yılmaz A. U.
24.Ulusal Biyokimya Kongresi, Konya, Turkey, 25 - 28 September 2012, vol.37, no.1, pp.113
19. **RP-HPLC determination of zosteric acid in Zostera noltii from Turkish coastlines.**
Çavaş L., Topçam G., Alyürük H.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012
20. **Educational use of molecular dockings in drug design a sample study**
Alyürük H., Gündođdu Hızlıateş C., Göçmentürk M., Ergün M. Y., Çavaş L.
Federation of European Biochemical Societies (FEBS) Workshop on Biochemistry and Molecular Biology Education, İzmir, Turkey, 29 - 30 March 2012
21. **The possible role of bioinformatics for Ph.D. education in biochemistry.**
Çavaş L., Alyürük H., Tohumođlu G.
6th ORPHEUS Conference, İzmir, Turkey, 6 - 07 May 2011
22. **Zehirli Boyalar ve yuzeyde incelme testleri.**
Çavaş L., Alyürük H., Baybogan Z., Karabay Z.
14.Sualtı Bilim ve Teknolojisi Toplantısı, Antalya, Turkey, 6 - 07 November 2010
23. **Deniz bitkisi kökenli sahil atıklarının kolon dolgu materyali olarak deđerlendirilmesi**

Çavaş L., Alyürük H., Karabay Z.

14.Sualtı Bilim ve Teknolojisi Toplantısı, Antalya, Turkey, 6 - 07 November 2010

24. **Deniz canlıların membran proteinlerinin topolojileri üzerine bir biyoinformatik araştırma.**

Çavaş L., Alyürük H., Cengiz Şahin S., Bayraktar M.

14.Sualtı Bilim ve Teknolojisi Toplantısı, Antalya, Turkey, 6 - 07 November 2010

25. **Caulerpa prolifera ekstraktlarının phytagel içerisindeki antifouling etkisi**

Çavaş L., Alyürük H., Döner E., Karabay Z.

3.Ulusal Polimer Bilim Kongresi ve Sergisi, Kocaeli, Turkey, 12 - 14 May 2010

26. **Caulerpa racemosa var.cylindracea ve Dictyota dichotoma'dan elde edilen sıvı gübrelerin Phaselus vulgaris üzerine etkileri**

Çavaş L., Kandemir Çavaş Ç., Alyürük H.

11. Sualtı Bilim ve Teknolojisi Toplantısı, İstanbul, Turkey, 3 - 04 November 2007, pp.74-82

Scientific Refereeing

ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal, March 2023

ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal, September 2022

ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal, August 2022

Tasks In Event Organizations

Alyürük H., Kızıldağ N., Eytemiz C., Akçalı B., III. Ulusal Deniz Bilimleri Konferansı, Scientific Congress, İzmir, Turkey, Mayıs 2018

Metrics

Publication: 53

Citation (WoS): 266

Citation (Scopus): 279

H-Index (WoS): 8

H-Index (Scopus): 9

Research Areas

Marine Sciences and Technology, Oceanography, Chemical Oceanography

Representation and Promotion Activities

Institutional Representation, Ege Üniversitesi, Su Ürünleri Fakültesi, Yeni Bina, Bornova, İzmir, Turkey, İzmir, 2022 - 2022