

## Prof. NİLGÜN AYMAN ÖZ



### Personal Information

**Office Phone:** +90 286 218 0018 Extension: 20045

**Email:** nilgunayman@comu.edu.tr

**Web:** <http://cevremuh.comu.edu.tr/node/6>

**Address:** Çanakkale Onsekiz Mart Üniversitesi Mühendislik Fakültesi Çevre Mühendisliği Bölümü Terzioğlu Kampüsü Çanakkale



### International Researcher IDs

ScholarID: 16373408136356329505

ORCID: 0000-0002-6309-0547

Publons / Web Of Science ResearcherID: AAD-6953-2020

ScopusID: 6701486470

Yoksis Researcher ID: 144617

### Education Information

Associate Degree, Ataturk University, Açıköğretim Fakültesi, İş Sağlığı Ve Güvenliği, Turkey 2018 - 2021

Doctorate, Bogazici University, Institute Of Environmental Sciences, Çevre Teknolojisi, Turkey 2001 - 2008

Postgraduate, Bogazici University, Institute Of Environmental Sciences, Çevre Teknolojisi, Turkey 1997 - 2001

Undergraduate, Istanbul University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 1993 - 1997

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Environment and Sustainability, Sürdürülebilirlik Raporlaması Eğitimi, Turkish Capital Markets Association, 2024

Environment and Sustainability, Sürdürülebilirlik Performans Göstergeleri (Karbon, Su ve Enerji) Hesaplama ve Değerlendirme Eğitimi, Istanbul Technical University, 2024

Environment and Sustainability, ISO 14064 Sera Gazı Doğrulayıcı Eğitimi / ISO14064 Greenhouse Gas Validator Training Program, Istanbul Technical University, 2024

Environment and Sustainability, Sürdürülebilirlik Uzmanlığı Sertifikası/Certificate of Sustainability Expertise, Turkish Capital Market Association, 2023

Measurement and Evaluation, ÖLÇME VE DEĞERLENDİRME SEMİNERİ, Vocational Qualifications Authority, 2023

IT, Veri Madenciliği & Veritabanı Modelleme & SQL, Ecodation, 2022

Quality Management, TS EN ISO/IEC 17024 Standardı Eğitimi, Türk Akreditasyon Kurumu, 2021

Quality Management, Sınav ve Belgelendirme Semineri, Mesleki Yeterlilik Kurumu, 2021

Environment and Sustainability, Sıfır Atık Sistemi Kurulum ve Uygulama Eğitimi, Niğde Ömer Halisdemir Üniversitesi,

2020

Vocational Course, Kurumsal Karbon Ayak İzinin Hesaplanması:İSO 14064-1:2006 Standardı Çerçevesinde Sera Gazları Emisyonlarının ve Uzaklaştırmalarının Kuruluş Seviyesinde Hesaplanması ve Raporlanması Temel Eğitimi, Çevre Mühendisleri Odası, 2020

IT, Robotik Kodlama Eğitimci Eğitimi Sertifikası, Çanakkale Onsekiz Mart Üniversitesi, 2019

Quality Management, MÜDEK Program Değerlendiricileri Eğitim Çalıştayı, MÜDEK, 2019

Project Management, AB Programlarına Yönelik Proje Yazma Eğitimi, Çanakkale Onsekiz Mart Üniversitesi, 2017

## Dissertations

Doctorate, Analysis Of Microbial Communities Associated With Anerobic Solvent Degredation In Sequence Batch Reactors By Traditional And Molecular Tools, Bogazici University, Institute Of Environmental Sciences, Department Of Environmental Technology, 2008

Postgraduate, Microbial Population Dynamics In An Anaerobic Completely Stirred Tank Reactor Treating A Pharmaceutical Wastewater, Bogazici University, Institute Of Environmental Sciences, Department Of Environmental Technology, 2001

## Research Areas

Environmental Engineering, Environmental Technology, Water Pollution and Control, Engineering and Technology

## Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2021 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2015 - 2021

Assistant Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2009 - 2015

Research Assistant, Bogazici University, Institute Of Environmental Sciences, Çevre Teknolojisi, 2000 - 2009

## Academic and Administrative Experience

Sustainability Office Coordinator, Canakkale Onsekiz Mart University, Rektörlüğe Bağlı Bölümler, 2023 - Continues

MÜDEK Koordinatörü, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2017 - Continues

Director of the Center, Canakkale Onsekiz Mart University, Rektörlüğe Bağlı Bölümler, Çevre Sorunları Araştırma ve Uygulama Merkezi Müdürlüğü, 2012 - 2024

Assistant Director of the Institute, Canakkale Onsekiz Mart University, 2015 - 2020

## Courses

### Doctorate

Organik Atıklardan Biyoenerji Üretimi ve Biyoreaktör Tasarımı, Doctorate, 2018 - 2019

### Postgraduate

Biogas Technology, Postgraduate, 2021 - 2022

Proje Yazımı ve Akademik Sunum Teknikleri, Postgraduate, 2020 - 2021

Proje Yazımı ve Akademik Sunum Teknikleri, Postgraduate, 2020 - 2021

Çevre Biyoteknolojisi, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Anaerobik Biyoteknoloji ve Biyoenerji, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

### Undergraduate

Biological Processes, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Solid Waste Laboratory, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Industrial Wastewater Treatment, Undergraduate, 2023 - 2024, 2022 - 2023  
Current Topics in Environmental Engineering, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021  
Anaerobic Treatment and Bioenergy, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020  
Project Management and Entreprenuership, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Endüstriyel Atıksuların Arıtılması, Undergraduate, 2022 - 2023, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
Term Project II, Undergraduate, 2020 - 2021  
Scientific Research Methods, Undergraduate, 2020 - 2021  
Occupational Health and Safety II, Undergraduate, 2020 - 2021  
Environmental Microbiology Laboratory, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Environmental Microbiology, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Industrial Wastewater Treatment, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Mesleki İngilizce 1, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Çevre Mikrobiyolojisi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012  
Hava Kirliliği ve Kontrolü, Undergraduate, 2015 - 2016  
Mesleki İngilizce 2, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Bitirme Ödevi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Biyolojik Prosesler, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
İş Sağlığı ve Güvenliği, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
Çevre Mühendisliğinde Temel İşlemler 1, Undergraduate, 2015 - 2016, 2014 - 2015, 2012 - 2013  
Çevre Mikrobiyoloji, Undergraduate, 2012 - 2013

## Supervised Theses

AYMAN ÖZ N., Zeytin Karasuyunun Elektroliz Prosesi İle Arıtılabilirliğinin İncelenmesi, Postgraduate, İ.Çiftçi(Student), Continues  
AYMAN ÖZ N., ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ TERZİOĞLU KAMPÜSÜ'NÜN ENERJİ VE KARBON AYAK İZİ AÇISINDAN DEĞERLENDİRİLMESİ, Postgraduate, G.ÖZÇELİK(Student), 2017  
AYMAN ÖZ N., Zeytin Karasuyundan Asidifikasyon ve Elektroliz Prosesleri ile Yan Ürün Eldesi, Postgraduate, S.ERDEM(Student), 2017  
AYMAN ÖZ N., Zeytin Karasuyunun Ardışık Kesikli Anaerobik Reaktör İle Arıtılabilirliğinde Uygun Ön Arıtım Metodunun Belirlenmesi, Postgraduate, A.Çağla(Student), 2015  
AYMAN ÖZ N., Atıksulardan elektrolizle hidrojen gazı üretimi, Postgraduate, S.Arikan(Student), 2012

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

- I. **Integrating response surface methodology and decision tree algorithms for valorization of cheese whey wastewater**  
Kayan I., Ayman Öz N.  
DESALINATION AND WATER TREATMENT, vol.322, no.101129, pp.1-15, 2025 (SCI-Expanded)
- II. **A dual approach using response surface methodology and machine learning for optimization and enhancement of microalgae-based municipal wastewater treatment**  
Kayan I., AYMAN ÖZ N.  
Journal of Chemical Technology and Biotechnology, 2025 (SCI-Expanded)
- III. **Comparison of treatability of four different chlorophenol-containing wastewater by pyrite-Fenton process combined with aerobic biodegradation: Role of sludge acclimation**  
Kayan I., Oz N., KANTAR Ç.

JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.279, 2021 (SCI-Expanded)

- IV. **Coupling Pyrite-Fenton Process with Aerobic Biodegradation for the Treatment of 2-Chlorophenol**  
Kayan I., Oz N., KANTAR Ç.  
WATER AIR AND SOIL POLLUTION, vol.231, no.9, 2020 (SCI-Expanded)
- V. **Ligand enhanced pharmaceutical wastewater treatment with Fenton process using pyrite as the catalyst: Column experiments**  
KANTAR Ç., ORAL O., AYMAN ÖZ N.  
CHEMOSPHERE, vol.237, 2019 (SCI-Expanded)
- VI. **Simultaneous hydrogen production and pollutant removal from olive mill wastewaters using electrohydrolysis process**  
AYMAN ÖZ N., EKER A. C. U.  
CHEMOSPHERE, vol.232, pp.296-303, 2019 (SCI-Expanded)
- VII. **Hydrogen production from municipal wastewaters via electrohydrolysis process**  
Yarimtepe C. C., Turen B., AYMAN ÖZ N.  
CHEMOSPHERE, vol.231, pp.168-172, 2019 (SCI-Expanded)
- VIII. **Role of complexing agents on oxidative degradation of chlorophenolic compounds by pyrite-Fenton process: Batch and column experiments**  
KANTAR Ç., ORAL O., ÜRKEN O., AYMAN ÖZ N.  
JOURNAL OF HAZARDOUS MATERIALS, vol.373, pp.160-167, 2019 (SCI-Expanded)
- IX. **Oxidative degradation of chlorophenolic compounds with pyrite-Fenton process**  
KANTAR Ç., ORAL O., ÜRKEN O., AYMAN ÖZ N., KESKIN S.  
ENVIRONMENTAL POLLUTION, vol.247, pp.349-361, 2019 (SCI-Expanded)
- X. **Volatile fatty acid production dynamics during the acidification of pretreated olive mill wastewater**  
Yarimtepe C. C., AYMAN ÖZ N., İnce O.  
BIORESOURCES TECHNOLOGY, vol.241, pp.936-944, 2017 (SCI-Expanded)
- XI. **Individual and combined inhibitory effects of methanol and toluene on acetyl-CoA synthetase expression level of acetoclastic methanogen, Methanosaeta concilii**  
AKYOL Ç., İnce O., Coban H., Koksels G., Cetecioglu Z., AYMAN ÖZ N., İNCE B.  
INTERNATIONAL BIODETERIORATION & BIODEGRADATION, vol.105, pp.233-238, 2015 (SCI-Expanded)
- XII. **Ultrasound pretreatment for enhanced biogas production from olive mill wastewater**  
AYMAN ÖZ N., Uzun A. C.  
ULTRASONICS SONOCHEMISTRY, vol.22, pp.565-572, 2015 (SCI-Expanded)
- XIII. **Ultrasound assisted biogas production from landfill leachate**  
AYMAN ÖZ N., Yarimtepe C. C.  
WASTE MANAGEMENT, vol.34, no.7, pp.1165-1170, 2014 (SCI-Expanded)
- XIV. **Effect of seed sludge microbial community and activity on the performance of anaerobic reactors during the start-up period**  
AYMAN ÖZ N., İnce O., Turker G., İnce B. K.  
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.28, no.2, pp.637-647, 2012 (SCI-Expanded)
- XV. **Inhibition effect of isopropanol on acetyl-CoA synthetase expression level of acetoclastic methanogen, Methanosaeta concilii**  
İNCE B., Koksels G., Cetecioglu Z., AYMAN ÖZ N., Coban H., İnce O.  
JOURNAL OF BIOTECHNOLOGY, vol.156, no.2, pp.95-99, 2011 (SCI-Expanded)
- XVI. **Identification of pseudomurein cell wall binding domains**  
Steenbakkens P. J. M., Geerts W. J., AYMAN ÖZ N., Keltjens J. T.  
MOLECULAR MICROBIOLOGY, vol.62, pp.1618-1630, 2006 (SCI-Expanded)
- XVII. **Analysis of methanogenic archaeal and sulphate reducing bacterial populations in deep sediments of the Black Sea**  
İnce B. K., Üşenti I., Eyigör A., AYMAN ÖZ N., Kolukırık M., İnce O.  
GEOMICROBIOLOGY JOURNAL, vol.23, no.5, pp.285-292, 2006 (SCI-Expanded)
- XVIII. **Evaluation of performance, acetoclastic methanogenic activity and archaeal composition of full-scale**

### **UASB reactors. Treating alcohol distillery wastewaters**

Akarsubaşı A. T., İnce O., AYMAN ÖZ N., Kırdar B., İnce B.  
PROCESS BIOCHEMISTRY, vol.41, no.1, pp.28-35, 2006 (SCI-Expanded)

**XIX. Effect of wastewater composition on archaeal population diversity**

Akarsubasi A. T., Ince O., Kırdar B., AYMAN ÖZ N., Orhon D., Curtis T., Head I., Ince B.  
WATER RESEARCH, vol.39, no.8, pp.1576-1584, 2005 (SCI-Expanded)

**XX. Comparative evaluation of full-scale UASB reactors treating alcohol distillery wastewaters in terms of performance and methanogenic activity**

İnce O., Kolukırık M., AYMAN ÖZ N., İnce B.  
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.80, no.2, pp.138-144, 2005 (SCI-Expanded)

**XXI. Inhibition of volatile fatty acid production in granular sludge from a UASB reactor**

Doğan T., İnce O., AYMAN ÖZ N., İnce B.  
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.40, no.3, pp.633-644, 2005 (SCI-Expanded)

**XXII. Microbial population dynamics in an anaerobic CSTR treating a chemical synthesis-based pharmaceutical wastewater**

AYMAN ÖZ N., İnce O., İnce B., Akarsubaşı A. T., Eyice Ö.  
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.38, no.10, pp.2029-2042, 2003 (SCI-Expanded)

**XXIII. Changes in acetoclastic methanogenic activity and microbial composition in an upflow anaerobic filter**

Ince B., Ince O., AYMAN ÖZ N.  
WATER AIR AND SOIL POLLUTION, vol.144, no.1, pp.301-315, 2003 (SCI-Expanded)

### **Articles Published in Other Journals**

**I. The determination of optimal cluster number by Silhouette index at clustering of the European Union member countries and candidate Turkey by waste indicators**

SÖKÜT AÇAR T., AYMAN ÖZ N.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.26, no.3, pp.481-487, 2020 (ESCI)

**II. A journey to children's perceptions on forest fire through drawings in Canakkale Province, Turkey: Exploring the needs for alternative educative approaches**

Söküt Açar T., İnalpulat M., Ayman Öz N., Genç L., Arslan H., Böbek Bağran A.  
Applied Environmental Education and Communication, vol.18, pp.285-299, 2019 (Scopus)

**III. A journey to children's perceptions on forest fire through drawings in Canakkale Province, Turkey: Exploring the needs for alternative educative approaches**

Söküt Açar T., İnalpulat M., Ayman Öz N., Genç L., Arslan H., Bobek Bağran A.  
Applied Environmental Education Communication, vol.18, no.4, pp.285-299, 2018 (Peer-Reviewed Journal)

**IV. Zeytin Karasuyunun Elektrokoagülasyon Ön Arıtmalı Tek Fazlı Anaerobik Arıtımı**

CAN YARIMTEPE C., AYMAN ÖZ N., İNCE O.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2018 (Peer-Reviewed Journal)

**V. Deri Atıksuyunun Arıtım Metotları**

KÜÇÜKPELVAN H., CAN YARIMTEPE C., AYMAN ÖZ N.  
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2017 (Peer-Reviewed Journal)

**VI. Zeytin Karasuyunun Arıtım Yöntemleri**

Erdem S., Can Yarımtepe C., AYMAN ÖZ N.  
ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.1, no.1, pp.81-109, 2015 (Peer-Reviewed Journal)

**VII. Bir Alkollü İçki Endüstrisi Anaerobik Arıtma Sistemi Performansının Değerlendirilmesi ve Biyolojik**

## **Çamurun Karakterizasyonu**

İnce O., AYMAN ÖZ N., İnce B., Koçarslan B.

Su Kirliliği Kontrolü Dergisi, vol.13, no.3, pp.1-7, 2003 (Peer-Reviewed Journal)

## **Papers Published in Refereed Scientific Meetings**

- I. **Treatment of Actual Wastewater from a Pharmaceutical Industry with Modified Pyrite-Fenton Process**  
KANTAR Ç., Oral O., AYMAN ÖZ N.  
XVI International Symposium on Electrokinetic Remediation, Çanakkale, Turkey, 6 - 08 August 2018, pp.1
- II. **Effects of citrate and tartrate on 2,4-dichlorophenol and 2,4,6-trichlorophenol removal in pyrite-packed columns under continuous flow conditions using heterogeneous Fenton reaction**  
Oral O., KANTAR Ç., AYMAN ÖZ N.  
255th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nexus of Food, Energy, and Water, Louisiana, United States Of America, 18 - 22 March 2018, vol.255
- III. **Effect of organic ligands on oxidative degradation of chlorophenolic compounds (CP) with modified-Fenton process using pyrite as the catalyst**  
KANTAR Ç., Oral O., AYMAN ÖZ N.  
255th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nexus of Food, Energy, and Water, Louisiana, United States Of America, 18 - 22 March 2018, vol.255
- IV. **INVESTIGATION OF THE PRETREATMENT EFFECT OF ULTRASOUND ON ANAEROBIC SEQUENCING BATCH REACTOR TREATING LANDFILL LEACHATE**  
Yarimtepe C. C., AYMAN ÖZ N.  
9th International Conference on Sustainable Water Resources Management, Prague, Czech Republic, 18 - 20 July 2017, vol.220, pp.93-97
- V. **Electrohydrolysis Treatment of Olive Mill Wastewater: Effects of Applied DC Voltage**  
CAN YARIMTEPE C., AYMAN ÖZ N., İNCE O.  
6th PARIS International Conference on Chemical, Agricultural, Biological and Environmental Sciences (CABES-2017), Paris, France, 25 - 27 April 2017
- VI. **Toxicity and binding of chlorophenolic compounds onto biomass derived from aerobic and anaerobic sludge**  
KAPLAN İ., AYMAN ÖZ N., KANTAR Ç.  
European Geological Union (EGU) General Assembly, 23 - 28 April 2017, vol.19
- VII. **Oxidative degradation of chlorophenolic compounds with modified-Fenton process using pyrite as the catalyst**  
KANTAR Ç., ÜRKEN Ö., ÖRAL Ö., KAPLAN İ., AYMAN ÖZ N.  
European Geological Union (EGU) General Assembly, 23 - 28 April 2017, vol.19
- VIII. **Reaction mechanisms associated with oxidative chlorophenol degradation by modified Fenton process using pyrite as the catalyst**  
ÖRAL Ö., ÜRKEN Ö., KANTAR Ç., KAPLAN İ., AYMAN ÖZ N.  
European Geological Union (EGU) General Assembly, 23 - 28 April 2017, vol.19
- IX. **Volatile Fatty Acid Production during Acidification of Olive Mill Wastewater**  
Bağ H., Erdem S., CAN YARIMTEPE C., İNCE O., AYMAN ÖZ N.  
Eighth International Conference on Environmental Science and Technology 2016, 6 - 10 June 2016
- X. **Investigation Of Pretreatment Effect Of Ultrasound on Anaerobic Sequencing Batch Reactor Treating Landfill Leachate**  
CAN YARIMTEPE C., AYMAN ÖZ N.  
13th International Conference on Modelling, Monitoring and Management of Water Pollution, 27 - 29 June 2016
- XI. **ENHANCED SETTLING OF SUSPENDED SOLIDS IN OLIVE MILL WASTEWATER BY APPLICATION OF HIGH FREQUENCY ULTRASOUND**

Uzun A. Ç., CAN YARIMTEPE C., AYMAN ÖZ N.

The Eighth International Conference on Environmental Science and Technology 2016, 6 - 10 June 2016

**XII. Zeytin Karasuyununun Elektrohizroliz Yöntemiyle Arıtımı**

CAN YARIMTEPE C., AYMAN ÖZ N.

Çanakkale Onsekiz Mart ÜniversitesiTrakya Üniversiteler Birliği Lisansüstü Öğrenci Kongresi, Turkey, 29 - 30 April 2016

**XIII. Hydrogen gas production and pollutant removal from olive mill wastewater by electrohydrolysis**

Erdem S., Bag H., Yarimtepe C. C., Ince O., Oz N. A.

2nd International Conference on Energy Production and Management in the 21st Century - The Quest for Sustainable Energy (EQ), Ancona, Italy, 6 - 08 September 2016, vol.205, pp.271-277

## Other Publications

**I. Çanakkale Onsekiz Mart University Sustainability Report**

Ayman Öz N.

Other, pp.1-182, 2024

## Expert Reports

**I. TECHNICAL ASSESSMENT REPORT ON OLIVE OIL PRODUCTION FACILITY LAGOON DESIGN**

Ayman Öz N.

Özel Ticari, pp.16, Çanakkale, 2024

**II. TECHNICAL ASSESSMENT REPORT ON GÖKÇEADA MUNICIPALITY SOLID WASTE DISPOSAL AND RUBBLE DUMPING SITE CONFORMITY PROJECT**

Ayman Öz N.

Gökçeada Belediyesi, pp.67, Çanakkale, 2024

**III. TROAS MINERALS MINING INDUSTRY & TRADE CO WASTEWATER RECOVERY TECHNICAL COMPLIANCE REPORT**

Ayman Öz N., Alten A.

TROAS MİNERALS MAD. TURİZM TİCARET VE SAN. A.Ş. , pp.24, Çanakkale, 2024

**IV. ETİLİ CERAMİCS KORUIÇI TECHNICAL EVALUATION REPORT ON THE RECOVERY OF PROCESS WASTEWATER**

Ayman Öz N., Alten A.

Etili Seramik İnşaat Sanayi ve Ticaret, pp.30, Çanakkale, 2021

**V. TECHNICAL EVALUATION REPORT ON AS KOÇ KARABİGA BIOGAS ELECTRICITY GENERATION FACILITY**

Ayman Öz N.

AS KOÇ KARABİGA BİYOGAZ ELEKTRİK ÜRETİM TESİSİ HAKKINDA TEKNİK DEĞERLENDİRME RAPORU, pp.20, Çanakkale, 2021

**VI. ETİLİ CERAMİK TECHNICAL EVALUATION REPORT ON THE RECOVERY OF PROCESS WASTEWATER**

Ayman Öz N., Alten A.

ETİLİ SERAMİK İNŞAAT SANAYİ VE TİCARET A.Ş., pp.27, Çanakkale, 2020

**VII. AKÇANSA ÇİMENTO SAN. A.Ş. TECHNICAL ASSESSMENT REPORT ON THE RECOVERY OF WASTEWATER TREATMENT PLANT EFFLUENT**

Ayman Öz N.

AKÇANSA ÇİMENTO SAN. A.Ş. , pp.16, Çanakkale, 2019

## Supported Projects

AYMAN ÖZ N., TUBITAK Project, İki Fazlı Anaerobik Sistemler ve Elektrohroliz Yöntemler Kullanılarak Zeytin Karasuyunun Enerji Potansiyelinin Karşılaştırılması, 2014 - Continues

Söküt Açar T., Ayman Öz N., Project Supported by Higher Education Institutions, Zaman Serisi Yöntemleri ile Hava Kirlenme ve Meteorolojik Parametrelerin Öngörülmesi, Hava Kalitesinin Denetimli Makine Öğrenme Algoritmaları ile Sınıflandırılması: Çanakkale Örneği, 2024 - 2024

Ayman Öz N., EU Supported Other Project, Technical Assistance For Renewable Youth Energy Operation (RE-YOU), 2020 - 2023

KANTAR Ç., CAN C., AYYILDIZ Ö., ALTEN A., İLERİ B., ORAK E., MENTEŞE S., AYMAN ÖZ N., Project Supported by Higher Education Institutions, Çanakkale Boğazi Kuy Sularının Fiziksel Kimyasal ve Mikrobiyolojik Kirliliği ile Hava Kalitesinin Araştırılması, 2017 - 2019

Kantar Ç., Ayman Öz N., TUBITAK Project, Ardışık Modifiye Pirit-Fenton ve Biyolojik Arıtım Sistemleri ile Klorlu Fenol Bileşiklerinin Arıtımı, 2015 - 2018

AYMAN ÖZ N., Project Supported by Higher Education Institutions, Zeytin Karasuyunun Anaerobik Arıtılabilirliğinde Ultrases ve Elektrohroliz Proseslerinin Etkinliğinin İncelenmesi, 2014 - 2017

AYMAN ÖZ N., CAN C., Project Supported by Higher Education Institutions, Evsel Atıksulardan Elektrohroliz Prosesi ile Hidrojen Gazı Formunda Enerji Eldesi, 2015 - 2016

AYMAN ÖZ N., UYSAL PALA Ç., Project Supported by Other Official Institutions, Çevre Sorunları Araştırma ve Eğitim Laboratuvarının Temel Alt Yapısının Kurulması, 2014 - 2015

AYMAN ÖZ N., Uzun A. Ç., Project Supported by Higher Education Institutions, ZEYTİN KARASUYUNUN ARDIŞIK KESİKLİ ANAEROBİK REAKTÖRLER İLE ARITILABİLİRLİĞİNDE UYGUN ÖN ARITIM METODUNUN BELİRLENMESİ, 2013 - 2015

AYMAN ÖZ N., AYYILDIZ Ö., TUBITAK Project, Zeytinyağı Atıksuyunun Anaerobik Arıtımında Ultrases Prosesinin Sistem Dinamiği Üzerine Etkisinin Araştırılması, 2011 - 2015

AYMAN ÖZ N., TUBITAK Project, Katı Atık Sızıntı Suyunun Anaerobik Arıtılabilirliğine Ultrases Prosesinin Etkisinin Araştırılması, 2012 - 2013

AYMAN ÖZ N., TUBITAK Project, Yaygın Olarak Kullanılan Bir Veteriner Antibiyotiğinin, Hayvan Dışkılarından Biyogaz Üreten Havasız Çürütme Sistemlerine Etkisinin Araştırılması ve Alıcı Ortamlardaki Akibetinin Belirlenmesi, 2010 - 2012

TUBITAK Project, Organik Solvent İçeren Endüstriyel Atıksuların Anaerobik Arıtımının Sistem Dinamiği ile Olan Etkileşiminin Moleküler Yöntemler Kullanılarak Belirlenmesi, 2008 - 2010

## Activities in Scientific Journals

Assistant Editor/Section Editor, 2015 - 2020

## Memberships / Tasks in Scientific Organizations

10.Ulusal Çevre Mühendisliği Kongresi Bilim Kurulu, Member, 2013 - 2013

## Peer Reviews in Scientific Publications

BIORESOURCE TECHNOLOGY, Journal Indexed in SCI-E, March 2021

Chemosphere, SCI Journal, January 2019

Applied Biochemistry and Biotechnology, SCI Journal, September 2017

12. Ulusal Çevre Mühendisleri Odası Kongresi, Other Journals, July 2017

Bioresource Technology, SCI Journal, June 2017

12. Çevre Mühendisleri Odası Kongresi, Other Journals, June 2017

Bioresource Technology, SCI Journal, May 2017

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, May 2017

Separation Science and Technology, SCI Journal, April 2017



Environmental Science and Pollution Search, SCI Journal, March 2017  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2016  
Ultrasonics Sonochemistry, SCI Journal, June 2016  
Waste Management, SCI Journal, April 2016  
Chemical Engineering Journal, SCI Journal, March 2016  
Bioprocess and Biosystems Engineering, SCI Journal, December 2015  
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2015  
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2015  
Waste Management, SCI Journal, February 2014  
Sakarya Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, February 2014  
Environmental Technology, SCI Journal, November 2013  
Çevre Mühendisleri Odası Kongresi, Other Journals, May 2013  
Çevre Mühendisleri Odası Kongresi, Other Journals, May 2013  
Çevre Mühendisleri Odası Kongresi, Other Journals, May 2013  
Çevre Mühendisleri Odası Kongresi, Other Journals, May 2013  
Bioresource Technology, SCI Journal, March 2012  
Bioresource Technology, SCI Journal, February 2011  
WIBI, SCI Journal, May 2010  
Journal of Chemical Technology and Biotechnology, SCI Journal, March 2010  
Bioresource Technology, SCI Journal, January 2010  
Biotechnology and Bioengineering, SCI Journal, April 2009  
Journal of Environmental Science and Technology, SCI Journal, February 2009  
Bioresource Technology, SCI Journal, January 2009  
International Journal of Environmental and Waste Management, SCI Journal, February 2008  
Journal of Environmental Management, SCI Journal, January 2008  
JEMA, SCI Journal, February 2007

## **Scientific Project Refereeing**

Project Supported by Higher Education Institutions, June 2017  
TUBİTAK Project, June 2016  
TUBİTAK Project, June 2016  
TUBİTAK Project, June 2016  
TUBİTAK Project, November 2014  
TUBİTAK Project, November 2014

## **Metrics**

Publication: 83  
Citation (WoS): 540  
Citation (Scopus): 613  
H-Index (WoS): 13  
H-Index (Scopus): 14

## **Scholarships**

TÜBİTAK 1001 Proje Bursiyeri, TUBİTAK, 2008 - 2008  
NATO A2 Yurt Dışı Araştırma Bursu, TUBİTAK, 2005 - 2005

## **Awards**

AYMAN ÖZ N., Yayın desteđi, Tübitak, September 2015

AYMAN ÖZ N., TÜBA Mansiyon Ödülü, TÜBA TEÇEP, November 2014

AYMAN ÖZ N., Yayın Desteđi, TÜBİTAK, August 2014

AYMAN ÖZ N., Yayın desteđi, Tübitak, February 2012

## **Non Academic Experience**

Radboud University of Nijmegen, Arařtırmacı