

# Prof. Okan Tarık KOMESLİ

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Middle East Technical University, Fen Bilimleri, Çevre Mühendisliği, Turkey 2006 - 2012

Postgraduate, Middle East Technical University, Fen Bilimleri, Çevre Mühendisliği, Turkey 2002 - 2006

Undergraduate, Ataturk University, Mühendislik Fakültesi, Çevre, Turkey 1998 - 2002

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Removal of endocrine disrupter compounds and trace organics in membrane bioreactors , Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, 2012

Postgraduate, Use of membrane bioreactors in treatment and re-use of domestic wastewaters , Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, 2006

## Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Industrial and Hazardous Waste Management, Pollution Prevention and Waste Reduction, Engineering and Technology

## Academic Titles / Tasks

Professor, Ataturk University, Mühendislik Fakültesi, Çevre Mühendisliği, 2021 - Continues

Associate Professor, Ataturk University, Mühendislik Fakültesi, Çevre Mühendisliği, 2015 - 2021

Assistant Professor, Ataturk University, Mühendislik Fakültesi, 2013 - 2015

## Advising Theses

Komesli O. T., İLERİ BİYOLOJİK ATIKSU ARITMA TESİSİNDE KARBON AYAK İZİNİN BELİRLENMESİ, Postgraduate, A.KARAKAŞ(Student), Continues

Komesli O. T., ENDOKRİN BOZUCU MADDELERİN MEMBRAN BİYOREAKTÖR SİSTEMİNE ENTEGRE EDİLMİŞ

ELEKTROOKSİDASYON SİSTEMİYLE ARITIMININ İNCELENMESİ, Doctorate, O.SÖZÜDOĞRU(Student), 2021  
Komesli O. T., Seyreltik mezbaha boyun kanının membran biyoreaktör sistemi ile arıtımının incelenmesi, Postgraduate, E.ÖZGENÇ(Student), 2019  
Komesli O. T., Seyreltik mezbaha boyun kanının kesikli ardışık biyolojik reaktöre entegre edilmiş batık membran filtrasyon sistemi ile arıtımının araştırılması, Postgraduate, İ.BALIK(Student), 2019  
KOMESLİ O. T., AĞIR METAL MİKROKİRLİLİĞİ İÇEREN ATIKSULARIN MEMBRAN BİYOREAKTÖR+GRANÜL AKTİF KARBON SİSTEMİ İLE ARITIMININ İNCELENMESİ, Postgraduate, S.Çalik(Student), 2017  
KOMESLİ O. T., YÜKSEK AZOT ve FOSFOR İÇERİKLİ ATIKSULARIN KESİKLİ ARDIŞIK BİYOLOJİK REAKTÖRE ENTEGRE EDİLMİŞ BATIK MEMBRAN FİLTASYON SİSTEMİ İLE ARITIMININ İNCELENMESİ, Postgraduate, O.Sözüdoğru(Student), 2015

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

- I. **The investigation of parameters affecting the treatment of synthetic bilge water by continuous electrooxidation/flotation process**  
Yazdi D. A., YILMAZ A. E., Guler S., KOMESLİ O. T.  
WATER AND ENVIRONMENT JOURNAL, vol.38, no.2, pp.292-300, 2024 (SCI-Expanded)
- II. **Carbon footprint analysis of advanced biological wastewater treatment plant**  
Karakas A., Tozum-Akgul S., KOMESLİ O. T., KAPLAN BEKAROĞLU Ş. Ş.  
Journal of Water Process Engineering, vol.61, 2024 (SCI-Expanded)
- III. **The experimental design approach to removal of endocrine disrupting compounds from domestic wastewater by electrooxidation process**  
Sözüdoğru O., Koçoğlu E. S., Yılmaz A. E., Bakırdere S., Komesli O. T.  
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.53, no.10, pp.1971-1990, 2023 (SCI-Expanded)
- IV. **Performance Evaluation of A/O Membrane Bioreactor System in the Effective Removal of Endocrine-Disrupting Chemicals: the Effect of SRT and Flux Rate**  
Sözüdoğru O., Koçoğlu E. S., Yılmaz A. E., Bakırdere S., Komesli O. T.  
WATER AIR AND SOIL POLLUTION, vol.233, no.4, 2022 (SCI-Expanded)
- V. **Determination of nickel in daphne tea extract and lake water samples by flame atomic absorption spectrophotometry with a zirconium-coated T-shaped slotted quartz tube-atom trap and photochemical vapor generation sample introduction**  
BÜYÜKPINAR Ç., Yazici E., SAN N., KOMESLİ O. T., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.193, no.10, 2021 (SCI-Expanded)
- VI. **An accurate analytical method for the determination of antimony in tea and tap water samples: photochemical vapor generation-atom trapping prior to FAAS measurement**  
Yazici E., BÜYÜKPINAR Ç., Bodur S., SAN N., KOMESLİ O. T., BAKIRDERE S.  
CHEMICAL PAPERS, vol.75, no.7, pp.3309-3316, 2021 (SCI-Expanded)
- VII. **An accurate analytical method for the determination of cadmium: Ultraviolet based photochemical vapor generation-slotted quartz tube based atom trap-flame atomic absorption spectrophotometry**  
BÜYÜKPINAR Ç., Bodur S., Yazici E., Tekin Z., SAN N., KOMESLİ O. T., BAKIRDERE S.  
MEASUREMENT, vol.176, 2021 (SCI-Expanded)
- VIII. **Ultrasonic assisted glass bead loaded gas liquid separator-photochemical vapor generation-T-shaped slotted quartz tube-flame atomic absorption spectrophotometry system for antimony determination in tap water and wastewater samples**  
Yazici E., BÜYÜKPINAR Ç., Bodur S., SAN N., KOMESLİ O. T., BAKIRDERE S.  
CHEMICAL PAPERS, vol.75, no.4, pp.1377-1386, 2021 (SCI-Expanded)
- IX. **Combination of an Efficient Photochemical Vapor Generation System and Flame Atomic Absorption Spectrophotometry for Trace Nickel Determination in Wastewater Samples**  
Buyukpinar C., SAN N., KOMESLİ O. T., BAKIRDERE S.  
ANALYTICAL LETTERS, vol.54, no.9, pp.1457-1469, 2021 (SCI-Expanded)

- X. **Photochemical Vapor Generation Based Accurate Determination of Cadmium in Wastewater Using Novel Photoreactor and Gas-Liquid Separators Using Flame Atomic Absorption Spectrometry with Matrix Matching Calibration**  
BÜYÜKPINAR Ç., Bodur S., SAN N., KOMESLİ O. T., BAKIRDERE S.  
ANALYTICAL LETTERS, vol.54, pp.2315-2326, 2021 (SCI-Expanded)
- XI. **Hydride generation-flame atomic absorption spectrometric quantification of trace lead after the extraction by fatty acid functionalized Fe<sub>3</sub>O<sub>4</sub> nanoparticles assisted dispersive solid-phase extraction: a sensitive, precise and accurate analytical method**  
Akkaya E., Ozturk E., Kasa N. A., ÇETİN G., KOMESLİ O. T., BAKIRDERE S.  
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.35, no.5, pp.961-966, 2020 (SCI-Expanded)
- XII. **Sensitive Determination of Selected Drug Active Compounds in Wastewater Matrices by LC-QTOF-MS/MS after Vortex Assisted Binary Solvents Dispersive Liquid-Liquid Microextraction**  
KOÇOĞLU E. S., SÖZÜDOĞRU O., KOMESLİ O. T., YILMAZ A. B., Er E. O., BAKIRDERE S.  
CHEMISTRY LETTERS, vol.49, no.5, pp.546-549, 2020 (SCI-Expanded)
- XIII. **Removal of Heavy Metals by a Membrane Bioreactor Combined with Activated Carbon**  
Calik S., Sözüdoğru O., Massara T. M., Yilmaz A. E., Bakirdere S., Katsou E., Komesli O. T.  
ANALYTICAL LETTERS, vol.54, no.10, pp.1616-1626, 2020 (SCI-Expanded)
- XIV. **Influence of Hydraulic Retention Time (HRT) upon the Treatment of Wastewater by a Laboratory-Scale Membrane Bioreactor (MBR)**  
SÖZÜDOĞRU O., Massara T. M., Calik S., YILMAZ A. E., BAKIRDERE S., Katsou E., KOMESLİ O. T.  
ANALYTICAL LETTERS, vol.54, no.10, pp.1578-1587, 2020 (SCI-Expanded)
- XV. **Simultaneous determination of drug active compound, hormones, pesticides, and endocrine disruptor compounds in wastewater samples by GC-MS with direct calibration and matrix matching strategies after preconcentration with dispersive liquid-liquid microextraction**  
KOÇOĞLU E. S., SÖZÜDOĞRU O., KOMESLİ O. T., YILMAZ A. E., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.191, no.11, 2019 (SCI-Expanded)
- XVI. **Accurate, sensitive, and precise determination of cobalt in soil matrices by the combination of batch type gas-liquid separator-assisted photochemical vapor generation and atomic absorption spectrophotometry**  
Buyukpinar C., SAN N., KOMESLİ O. T., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.191, no.5, 2019 (SCI-Expanded)
- XVII. **Accurate determination of pesticides, hormones and endocrine disruptor compounds in complex environmental samples using matrix dilution and matrix matching with dispersive liquid-liquid microextraction**  
CHORMEY D. S., FİRAT M., BÜYÜKPINAR Ç., Erulas F., KOMESLİ O. T., TURAK F., BAKIRDERE S.  
PURE AND APPLIED CHEMISTRY, vol.90, no.11, pp.1703-1711, 2018 (SCI-Expanded)
- XVIII. **The effect of initial pH and retention time on boron removal by continuous electrocoagulation process**  
MASSARA T. M., YILMAZ A. E., Cengiz I., MALAMİS S., YILMAZ M. T., Komesli O. T., STANCHEV P., INGLEZAKİS V. J., KATSOU E.  
DESALINATION AND WATER TREATMENT, vol.112, pp.99-105, 2018 (SCI-Expanded)
- XIX. **Advanced treatment of industrial wastewater from pistachio processing by Fenton process**  
BAYAR S., MASSARA T. M., BONCUKCUOĞLU R., KOMESLİ O. T., Malamis S., Katsou E.  
DESALINATION AND WATER TREATMENT, vol.112, pp.106-111, 2018 (SCI-Expanded)
- XX. **Comparison of EDCs removal in full and pilot scale membrane bioreactor plants: Effect of flux rate on EDCs removal in short SRT**  
KOMESLİ O. T., MUZ M., Ak M. S., BAKIRDERE S., Gokcay C. F.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.203, pp.847-852, 2017 (SCI-Expanded)
- XXI. **A Mini Review of the Techno-environmental Sustainability of Biological Processes for the Treatment of High Organic Content Industrial Wastewater Streams**  
Massara T. M., KOMESLİ O. T., SÖZÜDOĞRU O., KOMESLİ S., Katsou E.

- WASTE AND BIOMASS VALORIZATION, vol.8, no.5, pp.1665-1678, 2017 (SCI-Expanded)
- XXII. **Simultaneous determination of selected hormones, endocrine disruptor compounds, and pesticides in water medium at trace levels by GC-MS after dispersive liquid-liquid microextraction**  
Chormey D. S., Buyukpinar C., TURAK F., KOMESLİ O. T., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.189, no.6, 2017 (SCI-Expanded)
- XXIII. **Prolonged reuse of domestic wastewater after membrane bioreactor treatment**  
KOMESLİ O. T., Muz M., Ak S., Gokcay C. F.  
DESALINATION AND WATER TREATMENT, vol.53, no.12, pp.3295-3302, 2015 (SCI-Expanded)
- XXIV. **Removal of Heavy Metals in Wastewater by Membrane Bioreactor: Effects of Flux and Suction Period**  
Komesli O. T.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.36, no.4, pp.654-659, 2014 (SCI-Expanded)
- XXV. **Investigation of sludge viscosity and its effects on the performance of a vacuum rotation membrane bioreactor**  
KOMESLİ O. T., Gokcay C. F.  
ENVIRONMENTAL TECHNOLOGY, vol.35, no.5, pp.645-652, 2014 (SCI-Expanded)
- XXVI. **Intermittent Ozone Application in Aerobic Sludge Digestion**  
Muz M., Ak M. S., Komesli O. T., Gokcay C. F.  
OZONE-SCIENCE & ENGINEERING, vol.36, no.1, pp.57-64, 2014 (SCI-Expanded)
- XXVII. **An ozone assisted process for treatment of EDC's in biological sludge**  
Muz M., Ak M. S., Komesli O. T., Gokcay C. F.  
CHEMICAL ENGINEERING JOURNAL, vol.217, pp.273-280, 2013 (SCI-Expanded)
- XXVIII. **Determination of Selected Endocrine Disrupter Compounds at Trace Levels in Sewage Sludge Samples**  
Sonmez M. S., Muz M., Komesli O. T., BAKIRDERE S., Gokcay C. F.  
CLEAN-SOIL AIR WATER, vol.40, no.9, pp.980-985, 2012 (SCI-Expanded)
- XXIX. **Simultaneous determination of selected endocrine disrupter compounds in wastewater samples in ultra trace levels using HPLC-ES-MS/MS**  
Komesli O. T., Bakirdere S., Bayoren C., Gokcay C. F.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.184, no.8, pp.5215-5224, 2012 (SCI-Expanded)
- XXX. **Determination of selected natural hormones and endocrine disrupting compounds in domestic wastewater treatment plants by liquid chromatography electrospray ionization tandem mass spectrometry after solid phase extraction**  
Muz M., SÖNMEZ M. J. M., Komesli O. T., Bakirdere S., Gokcay C. F.  
ANALYST, vol.137, no.4, pp.884-889, 2012 (SCI-Expanded)

## **Books & Book Chapters**

- I. **Water Footprint of a Decentralised Wastewater Treatment Strategy Based on Membrane Technology**  
KOMESLİ O. T.  
in: Environmental Water Footprints, Muthu S. S., Editor, Springer, Singapur, pp.85-119, 2019

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Simultaneous Determination of Selected Drug Active Compounds in Wastewater Matrix by Binary Solvent Dispersive Liquid-Liquid Microextraction-LC-QTOF-MS/MS System**  
KOÇOĞLU E. S., SÖZÜDOĞRU O., KOMESLİ O. T., YILMAZ A. E., ÖZTÜRK ER E., BAKIRDERE S.  
1st International Congress on Analytical and Bioanalytical Chemistry (1st ICABC 2019), Antalya, Turkey, 27 - 30 March 2019
- II. **Atıksularda Mikrokirleticilerin Giderimi İçin Kullanılan Arıtma Teknolojileri**

SÖZÜDOĞRU O., KOMESLİ O. T., YILMAZ A. E., BAKIRDERE S.

1st International Potable Water Wastewater Symposium, 6 - 07 December 2018

- III. **Activities achievements of the Ad-Bio (Advanced biological wastewater treatment processes) project: An overview**  
MASSARA T. M., KOMESLİ O. T., SÖZÜDOĞRU O., KOMESLİ S., KATSOU E.  
1st International Potable Water Wastewater Symposium, 6 - 07 December 2018
- IV. **Elektrooksidasyon Prosesi ile Sızıntı Suyu Arıtımına Akış Hızının Etkisinin İncelenmesi**  
YILMAZ A. E., SAKARYA M., KOMESLİ O. T., CENGİZ İ., DEDE Y.  
1st International Potable Water and Waste Water Symposium, 6 - 07 December 2018
- V. **ACCURATE AND SENSITIVE SIMULTANEOUS DETERMINATION OF DRUG ACTIVE COMPOUND, PESTICIDES, HORMONES AND ENDOCRINE DISRUPTOR COMPOUNDS IN WASTEWATER SAMPLES USING GC-MS AFTER DISPERSIVE LIQUID-LIQUID MICROEXTRACTION**  
KOÇOĞLU E. S., SÖZÜDOĞRU O., KOMESLİ O. T., YILMAZ A. E., BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), 25 - 28 September 2018
- VI. **Applications of electrochemical treatment for domestic wastewater: A review**  
MASSARA T., YILMAZ A. E., KOMESLİ O. T., KATSOU E.  
6th International Conference on Sustainable Solid Waste Management, NAXOS, Greece, 15 - 16 June 2018
- VII. **The effect of HRT and SRT in the treatment of domestic wastewater by MBR**  
MASSARA T. M., KOMESLİ O. T., SÖZÜDOĞRU O., YILMAZ A. E., BAKIRDERE S., KATSOU E.  
6th International Conference on Sustainable Solid Waste Management, 13 - 16 June 2018
- VIII. **Investigation of the Effectiveness of Electrooxidation for the Treatment of Domestic Wastewater**  
MASSARA T. M., KOMESLİ O. T., SÖZÜDOĞRU O., YILMAZ A. E., YILMAZ M. T., KATSOU E.  
6th International Conference on Sustainable Solid Waste Management, Naxos Island, Greece, 13-16 June 2018, 13 - 16 June 2018
- IX. **Kalsine Edilmiş Elektrokoagülasyon Prosesi Atıklarıyla Florür Giderimine Başlangıç pH Değerinin ve Başlangıç Florür Konsantrasyonunun Etkisi**  
KOMESLİ O. T., YILMAZ A. E., YILMAZ M. T.  
4. Uluslararası Su Kongresi, Akıllı Şehirlerde Su Yönetimi, 2 - 04 November 2017
- X. **The Effect of Initial pH and Initial Concentration on Fluoride Removal by Calcined Electrocoagulation Process Waste**  
YILMAZ A. E., YILMAZ M. T., KOMESLİ O. T., FİL B. A.  
IV. INTERNATIONAL WATER CONGRESS WATER MANAGEMENT IN SMART CITIES, 2 - 04 November 2017
- XI. **Full Scale Remote Control Membrane Bioreactor Application for Treatment and Reuse of Domestic Wastewater**  
KOMESLİ O. T.  
4. Uluslararası Su Kongresi, Akıllı Şehirlerde Su Yönetimi, 2 - 04 November 2017
- XII. **Matrix Matching and Matrix Dilution for the Accurate Determination of Pesticides, Hormones and Endocrine Disruptor Compounds in Complex Matrices**  
CHORMEY D. S., FİRAT M., BÜYÜKPINAR Ç., TURAK F., ERULAŞ F. A., KOMESLİ O. T., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, 2 - 05 October 2017
- XIII. **The effect of initial pH and retention time on Boron removal by continuous electrocoagulation process**  
YILMAZ A. E., CENGİZ İ., MASSARA T., YILMAZ M. T., KOMESLİ O. T., STANCHEV P., KATSOU E.  
5th International Conference on Sustainable Solid Waste Management, 21 - 24 September 2017
- XIV. **Advanced Treatment of Pistachio Processing Industry Wastewater by Fenton Process**  
BAYAR S., MASSARA T., BONCUKCUOĞLU R., KOMESLİ O. T., KATSOU E.  
5th International Conference on Sustainable Solid Waste Management, 21 - 24 June 2017
- XV. **Removal of heavy metals with Membrane Bioreactor Combined with Activated Carbon**  
ÇALIK S., ÖZGENÇ E., YILMAZ A. E., SÖZÜDOĞRU O., MASSARA T., KATSOU E., KOMESLİ O. T.  
5th International Conference on Sustainable Solid Waste Management, 21 - 24 September 2017
- XVI. **İnsanlık İçin Yeni Tehlike: Hormon Bozucu Maddeler**

KOMESLİ O. T., YILMAZ A. E., BAKIRDERE E. G.

II. International Conference on Advance Engineering Technologies, 21 - 23 September 2017

- XVII. **Effect of flux in a membrane SBR MSBR treating the liquid fraction of manure**  
SÖZÜDOĞRU O., VASILAKH V., KOMESLİ O. T., Massara T., Komesli S., Katsou E.  
13th IWA Specialized Conference on Small Water and Wastewater Systems & 5th IWA Specialized Conference on Resources-Oriented Sanitation, 14 - 16 September 2016
- XVIII. **Effect of flux in a membrane SBR MSBR treating highly nitrogenous wastewater**  
SÖZÜDOĞRU O., VASILAKI V., KOMESLİ O. T., MASSARA T., KOMESLİ S., KATSOU E.  
13th IWA Specialized Conference on Small Water and Wastewater Systems; 5th IWA Specialized Conference on Resources-Oriented Sanitation Athens, Greece 14-16 September 2016., 14 - 16 September 2016
- XIX. **Benchmarking of low environmental footprint biological processes for the treatment of industrial waste streams**  
MASSARA T. M., KOMESLİ O. T., SÖZÜDOĞRU O., KOMESLİ S., KATSOU E.  
4th International Conference on Sustainable Solid Waste Management, 23rd - 25th June 2016 Limassol, Cyprus, 23 - 25 June 2016
- XX. **Use of Remote Control Membrane Systems for the Treatment and Reuse of Wastewater**  
KOMESLİ O. T.  
MBR for the Next Generation, 10 May 2016
- XXI. **Yüksek Azot İçerikli Atıksuların Kesikli Ardışık Ardışık Biyolojik Reaktöre Entegre Edilmiş Batık Membran Filtrasyon Sistemi İle Arıtımının İncelenmesi**  
SÖZÜDOĞRU O., KOMESLİ O. T.  
MEMTEK 2015 4.ULUSAL MEMBRAN TEKNOLOJİLERİ VE UYGULAMALARI SEMPOZYUMU, Turkey, 7 - 08 October 2015
- XXII. **Comparison of EDCs Removal in Full and Pilot Scale Membrane Bioreactor Plants Effect of flux rate on EDCs removal in short SRT**  
KOMESLİ O. T., MELİS M., AK M. S., BAKIRDERE S., CELAL FERDİ G.  
Industrial Waste and Wastewater Treatment and Volatilisation, 21 - 23 May 2015
- XXIII. **Atıksuların Membran Biyoreaktör Arıtma Sistemlerinde Arıtılarak Tarımsal Alanların Sulamasında Kullanılması**  
KOMESLİ O. T.  
2. Uluslararası Tarım, Gıda ve Gastronomi Kongresi, 8 - 12 April 2015

## Supported Projects

KOMESLİ O. T., TUBITAK Project, Atıksuların Arıtılarak Geri Kullanılmasında Yüksek Performanslı Membran Modül Ve Hibrit Eko-Membran Biyoreaktör Geliştirilmesi, 2019 - Continues

KOMESLİ O. T., TUBITAK Project, Ultraviyole Fotokimyasal Uçucu Bileşen Oluşturma-Atom Tuzak-Alevli Atomik Absorpsiyon Spektrofotometri Sistemi ile Pb, Cd, Ni, Co Elementlerinin Eser Seviyelerde Tayinleri, 2017 - Continues

KOMESLİ O. T., Other International Funding Programs, Advanced Biological Wastewater Treatment Processes, 2015 - Continues

Komesli O. T., KOSGEB, Atıksuların Geri Kazanılması için Enerji Verimli Eko-Elektro-Membran Biyoreaktör Ünitesi Geliştirilmesi, 2022 - 2023

KOMESLİ O. T., Project Supported by Higher Education Institutions, "KULLANICI MÜDAHALESİNİ ENGELLEYEN DAMACANA KAPAK SİSTEMİ", 2015 - 2021

KOMESLİ O. T., Project Supported by Other Official Institutions, SMART MBR Akıllı Membran Biyoreaktör Sistemlerinin Geliştirilmesi, 2017 - 2019

Komesli O. T., TUBITAK Project, Endokrin Bozucu Maddelerin Membran Biyoreaktöre Entegre Edilmiş İleri Elektrokoksidadasyon Sistemleri ile Arıtımının Araştırılması, 2015 - 2019

KOMESLİ O. T., YILMAZ A. E., SÖZÜDOĞRU O., Project Supported by Higher Education Institutions, ÖN İŞLEMLERDEN GEÇİRİLEN YÜN YIKAMA ATIKSULARININ MEMBRAN BİYOREAKTÖR SİSTEMLERİ İLE ARITIMININ ARAŞTIRILMASI,

2015 - 2018

Komesli O. T., Project Supported by Higher Education Institutions, Kullanıcı Müdahalesini Engelleyen Damacana Kapak sistemi Bilimsel Araştırma Projeleri, 2015 - 2018

Komesli O. T., TUBITAK Project, ATIKSULARIN ARITILARAK GERİ KULLANILABİLMESİ İÇİN UZAKTAN KONTROLLÜ KİRALANABİLİR MOBİL MEMBRAN BİYOREAKTÖR ATIKSU ARITMA SİSTEMLERİNİN GELİŞTİRİLMESİ, 2015 - 2017

YILMAZ A. E., KOMESLİ O. T., YILMAZ M. T., Project Supported by Higher Education Institutions, YÜN YIKAMA ATIKSULARININ ELEKTROKİMYASAL OLARAK ARITIMININ ARAŞTIRILMASI, 2015 - 2017

Komesli O. T., Project Supported by Higher Education Institutions, Ağır Metal Mikrokirliliği İçeren Atıksuların Granül Aktif Karbon Membran Biyoreaktör sistemi ile Arıtımı Bilimsel Araştırma Projeleri, 2014 - 2017

KOMESLİ O. T., SÖZÜDOĞRU O., Project Supported by Higher Education Institutions, AĞIR METAL MİKROKİRLİLİĞİ İÇEREN ATIKSULARIN GRANÜL AKTİF KARBON+MEMBRAN BİYOREAKTÖR SİSTEMİ İLE ARITIMI, 2014 - 2017

Komesli O. T., KOSGEB, Üretimi Başarılı Bir Şekilde Tamamlanan Atıksuların Arıtılarak Geri Kullanılması İçin Membran Modül ve Reaktörün Seri Üretimine Geçilmesi, 2015 - 2016

Sözüdoğru O., Komesli O. T., Project Supported by Higher Education Institutions, Kesikli Ardışık Biyolojik Reaktöre Entegre Edilmiş Batık Membran Filtrasyon Sisteminin Yüksek Azot ve Fosfor İçerikli Atıksuların Arıtılması ve Geri Kullanılması, 2013 - 2016

KOMESLİ O. T., Project Supported by Higher Education Institutions, KESİKLİ ARDIŞIK BİYOLOJİK REAKTÖRE ENTEGRE EDİLMİŞ BATIK MEMBRAN FİLTRASYON SİSTEMİNİN YÜKSEK AZOT VE FOSFOR İÇERİKLİ ATIKSULARIN ARITILMASI VE GERİ KULLANILMASI, 2013 - 2014

## Patent

KOMESLİ O. T., DAMACANA ›››NE KULLANICI M››DAHALES››N› ENGELLEYEN ENTEGRE KAPAK, Patent, CHAPTER A Human Needs, 2018

## Metrics

Publication: 55

Citation (WoS): 193

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H-Index (Scopus): 8

## Congress and Symposium Activities

1. Uluslararası Su Atıksu Sempozyumu, Attendee, Afyon, Turkey, 2018

4. Uluslararası Su Kongresi, Akıllı Şehirlerde Su Yönetimi, Attendee, İzmir, Turkey, 2017

5th International Conference on Sustainable Solid Waste Management, Attendee, Athens, Greece, 2017

2nd International Conference on on Sustainable Solid Waste Management, Attendee, Athens, Greece, 2015

. Uluslararası Tarım, Gıda ve Gastronomi Kongresi, Attendee, Antalya, Turkey, 2015

6th International Perspective on Water Resources & the Environment, Attendee, İzmir, Turkey, 2013

2nd IWA National Young Water Professionals Conference, Germany” Membrane Technologies for Wastewater Treatment and Reuse, Attendee, Berlin, Germany, 2007

## Scholarships

Doktora Yurtdışı Burs Programı, TUBITAK, 2011 - Continues

## **Entrepreneurship Activities**

Anonymous, Komesli ArGe Çevre Teknolojileri Mühendislik Bilişim ve Medikal Sanayi Ticaret Anonim Şirketi, 26 March 2013, Founder Owner

## **Non Academic Experience**

Karcan Kesici Takım Sanayi ve Ticaret Anonim Şirketi

CANEM Turizm ve Ticaret Anonim Şirketi

Akkim Kimya Sanayi ve Ticaret Anonim Şirketi

Kaltun Madencilik Sanayi Nakliye ve Akaryakıt Ticaret Anonim Şirketi

Company, Komesli ArGe Çevre Teknolojileri Mühendislik Bilişim ve Medikal Sanayi Ticaret Anonim Şirketi , Komesli ArGe Çevre Teknolojileri Mühendislik Bilişim ve Medikal Sanayi Ticaret Anonim Şirketi

Komesli ArGe Çevre Teknolojileri Mühendislik Bilişim Medikal Ticaret Sanayi Anonim Şirketi

Coca Cola Nushokihoi Tojikiston Company

KALYON Güneş Teknolojileri Üretim Anonim Şirketi

Polimer ARGE Plastik Sanayi ve Ticaret Anonim Şirketi

TATKO Lastik Sanayi ve Ticaret Anonim Şirketi

Efendi Jeotermal Araç Kiralama Anonim Şirketi

Universidade de Santiago de Compostela