

Prof. Didem ÖZÇİMEN

Personal Information

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Web: <https://avesis.yildiz.edu.tr/ozcimen>

Education Information

Under Graduate, Anadolu Üniversitesi, İşletme Bölümü, Turkey 2004 - 2008

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri, Kimya Mühendisliği, Turkey 2001 - 2007

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri, Kimya Mühendisliği, Turkey 1999 - 2001

Under Graduate, İstanbul Teknik Üniversitesi, Kimya-Metalurji, Kimya Mühendisliği, Turkey 1994 - 1998

Research Areas

Chemical Engineering and Technology, Biotechnology, Process Design, Life Sciences, Biomaterial, Bioreactor, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, 2019 - Continues

Associate Professor, Yıldız Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Biyomühendislik, 2014 - 2019

Associate Professor, 2018 - 2018

Assistant Professor, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Biyomühendislik, 2011 - 2014

Medical Doctor, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Biyomühendislik, 2009 - 2011

Research Assistant, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği, 2001 - 2008

Professional Experience

Vice Dean, Yıldız Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, 2019 - Continues

Deputy Head of Department, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Biyomühendislik, 2018 - Continues

Mevlana Exchange Program Coordinator, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Biyomühendislik, 2018 - Continues

Rectorate Commissioner, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, 2016 - Continues

Farabi Coordinator, Yıldız Teknik Üniversitesi, Biyomühendislik, Biyomühendislik, 2013 - Continues

Fakülte Yönetim Kurulu Üyesi, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, 2014 - 2020

Deputy Head of Department, Yıldız Teknik Üniversitesi, Biyomühendislik, Biyomühendislik, 2012 - 2016

Courses

Biyoekonomi, Post Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2018 - 2019
Engineering Laboratory, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Bioengineering Laboratory II, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Biyoyakıtlar, Post Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Bioengineering Laboratory I, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Renewable Energy Technologies, Post Graduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Heat Transfer in Bioengineering, Under Graduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Biyoproses Mühendisliği, Under Graduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2018 - 2019
Bioreactor Design , Under Graduate, 2016 - 2017
Biyomühendislik Ekonomisi, Under Graduate, 2016 - 2017

Advising Theses

Özçimen D., Bioprocess Optimization of Antarctic Microalgae via Computer Simulation, Post Graduate, O.Koçak(Student), Continues
Özçimen D., Kutup Alglerinin Sağlık Alanında Değerlendirilmesi, Post Graduate, S.Gülsoy(Student), Continues
ÖZÇİMEN D., Nanopartiküllerin alglerden yeşil sentezi ve doku mühendisliğinde kullanımı, Doctorate, A.Tevfik(Student), Continues
Özçimen D., Probiyotik içeren sert yüzey temizleyiciler, Doctorate, M.Vehapi(Student), Continues
Özçimen D., Investigation of Antarctic Microalge Cultivation for Biotechnological Applications, Post Graduate, A.Çelik(Student), Continues
ÖZÇİMEN D., İlaç Taşınımında Kullanılmak Üzere Yeni Nesil Malzeme Üretimi, Doctorate, S.Kaptan(Student), Continues
ÖZÇİMEN D., Laboratuvar Ölçekli Solar Biyoreaktör Tasarımı, Sistemde Etkin Mikroalg Üretiminin Sensörlerle Takibi ve Tarımsal Uygulamaları, Doctorate, V.E.(Student), Continues
Özçimen D., Kutup Alglerinin Antiviral Etkilerinin Araştırılması, Post Graduate, İ.D.Ünlü(Student), Continues
Özçimen D., Utilization of Process Water from Hydrothermal Conversion for Microalgae Production, Post Graduate, S.Zora(Student), 2020
Özçimen D., Mikroalgal biyoproses optimizasyonu, mikroalgal ekstrakt yüklü nanopartiküllerin üretimi ve antikanser etkilerinin araştırılması , Doctorate, B.İnan(Student), 2019
Özçimen D., Işıldak İ., Kısa, Orta ve Uzun Dönem Kan Şeker Ölçümlerini Eş Zamanlı Gerçekleştiren Yeni Bir Ölçüm Yöntemi Geliştirilmesi, Doctorate, D.Üner(Student), 2019
ÖZÇİMEN D., Denizel Diatom İzolasyonu, Tanımlanması ve Besin Maddelerinin Diatom Büyümesi Üzerine Etkisinin İncelenmesi, Post Graduate, S.Çinar(Student), 2017
Özçimen D., Algal Biyoaktiflerle Yüklü Nanopartiküllerin Elektrosprey ve Mikroemülsiyon Yöntemleri ile Üretimi ve Karakterizasyonu, Post Graduate, C.Yağmur(Student), 2017
ÖZÇİMEN D., Alglerden Biyogaz Üretim Potansiyelinin Araştırılması, Post Graduate, A.Tevfik(Student), 2017
Özçimen D., Nanopartiküllerin mikroalgal büyüme üzerine olan etkilerinin araştırılması, Post Graduate, D.ÖZTAY(Student), 2016
ÖZÇİMEN D., Chorella Minutissima Mikroalgından Biyoetanol Eldesi, Post Graduate, B.Şerbetçioğlu(Student), 2016
ÖZÇİMEN D., Optimization Study of Novel Biodiesel Production Methods from Chlorella Protothecoides Oil, Post Graduate, M.Ömer(Student), 2016
ÖZÇİMEN D., Bakteriyel Ekzopolisakkaritlere Alternatif Olarak Mikroalgal Ekzopolisakkarit Üretiminin Araştırılması, Post Graduate, S.Kaptan(Student), 2016

ÖZÇİMEN D., Makro ve Mikroalglerin Antimikrobiyal ve Antioksidan Etkilerinin İncelenmesi, Post Graduate, M.Vehapi(Student), 2016
ÖZÇİMEN D., Chlorella minutissima ve Nannochloropsis oculata Mikroalglerinin Farklı Yöntemler Kullanılarak Flokülasyon Performanslarının Değerlendirilmesi, Post Graduate, S.Akış(Student), 2016
ÖZÇİMEN D., Investigation of Different Medium Additives for Microalgae Growth, Post Graduate, B.Özgür(Student), 2016
ÖZÇİMEN D., Mikro ve Makroalglerin Biyochar Üretiminde Değerlendirilmesi, Post Graduate, B.Mutlu(Student), 2016
ÖZÇİMEN D., Cultivation of Nannochloropsis oculata and Tetraselmis suecica in Treated Municipal Wastewater Toward Microalgal Bioethanol Production, Post Graduate, Z.Reyimu(Student), 2016
ÖZÇİMEN D., Alglerin Biyoetanol Üretiminde Değerlendirilmesi, Post Graduate, B.İnan(Student), 2014
ÖZÇİMEN D., Bitkisel Atıklardan Karbonizasyon Yoluyla Farklı Kullanım Amaçlı Katı Materyallerin Üretimi, Post Graduate, C.Karakaş(Student), 2013
ÖZÇİMEN D., Fındık yağından ultrasonik yöntemle biyodizel eldesi (Eş Danışman), Post Graduate, C.Kesgin(Student), 2011

Jury Memberships

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2020
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2020
Associate Professor Exam, Associate Professor Exam, Üniversitelerarası Kurum ÜAK, April, 2020
Associate Professor Exam, Associate Professor Exam, Üniversitelerarası Kurum ÜAK, March, 2020
Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2019
Doctorate, Doctorate, Yıldız Technical University, December, 2019
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, December, 2019
Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2019
Doctorate, I.Jahan-Doktora Tez Savunma, Yıldız Teknik Üniversitesi, May, 2019
Doctorate, D.V. Yıldız-Doktora Tez Savunma, Yıldız Teknik Üniversitesi, May, 2019
Post Graduate, M.Abahuni-Yüksek Lisans Tez Savunma, Yıldız Teknik Üniversitesi, April, 2019
Post Graduate, Fatma Çağla Erkoç Türeyen - Yüksek Lisans Tez Savunma Sınavı, İstanbul Teknik Üniversitesi, December, 2018
Post Graduate, Cemre Kılıç- Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, November, 2018
Post Graduate, Alev Akbaş - Yüksek Lisans Tez Savunma Sınavı, İstanbul Teknik Üniversitesi, May, 2018
Post Graduate, Özlem Kabak - Yüksek Lisans Tez Savunma Sınavı, İstanbul Teknik Üniversitesi, May, 2018
Doctorate, Doctorate, Yıldız Teknik Üniversitesi, April, 2018
Post Graduate, Ahsen Ünal-Yüksek Lisans Tez Savunma Sınavı, İstanbul Teknik Üniversitesi, December, 2017
Competition, IEEE YTÜ Yıldızlı Projeler Yarışması, Yıldız Teknik Üniversitesi, May, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, April, 2017
Post Graduate, Tuğçe Dalkıran- Yüksek Lisans Tez Savunma Sınavı, İstanbul Teknik Üniversitesi, November, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, May, 2016
Doctorate, Pinar Terzioğlu- Doktora Tez Savunma Sınavı, Yıldız Teknik Üniversitesi, November, 2015
Post Graduate, Gülsüm Kılıç-Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi, November, 2015
Post Graduate, Gülşen Kurt- Yüksek Lisans Tez Savunma Sınavı, İstanbul Teknik Üniversitesi, May, 2015
Doctoral Examination, Fatih Erci-Doktora Yeterlik Sınavı, Yıldız Teknik Üniversitesi, April, 2015
Doctoral Examination, Israt Jahan-Doktora Yeterlik Sınavı, Yıldız Teknik Üniversitesi, April, 2015
Doctoral Examination, Tuğba Özer-Doktora Yeterlik Sınavı, Yıldız Teknik Üniversitesi, April, 2015
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, August, 2014
Post Graduate, Rıdvan Yıldırım-Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi, August, 2014
Post Graduate, Ezgi Bilgiç- Yüksek Lisans Tez Savunma Sınavı, İstanbul Teknik Üniversitesi, May, 2014
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, January, 2013

Doctoral Examination, Özlem Tavukçuoğlu-Doktora Yeterlik Sınavı, Yıldız Teknik Üniversitesi, April, 2012

Doctoral Examination, İsa Rahmanlar-Doktora Yeterlik Sınavı, Yıldız Teknik Üniversitesi, March, 2012

Doctoral Examination, Pınar Terzioğlu-Doktora Yeterlik Sınavı, Yıldız Teknik Üniversitesi, March, 2012

Designed Lessons

Özçimen D., Biyomühendislik Ekonomisi, Under Graduate, 2016 - 2017

Özçimen D., Yenilenebilir Enerji Teknolojileri, Post Graduate, 2012 - 2013

Özçimen D., Biyoekonomi, Post Graduate, 2011 - 2012

Özçimen D., Biyoyakıtlar, Post Graduate, 2011 - 2012

Taught Courses And Trainings

Özçimen D., Yenilenebilir Enerji ve Algal Biyoyakıtlar Eğitimi, 2015 - 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Cultivation of green microalgae by recovering aqueous nutrients in hydrothermal carbonization process water of biomass wastes**
Zora Tarhan S., Koçer A., Özçimen D., Gökalp İ.
JOURNAL OF WATER PROCESS ENGINEERING, no.1, pp.1-8, 2020 (Journal Indexed in SCI Expanded)
- II. **Removal of Anthraquinone Dye via Struvite: Equilibria, Kinetics, Thermodynamics, Fuzzy Logic Modeling**
Yetilmezsoy K., Özçimen D., Koçer A. T. , Bahramian M., Kıyan E., Akbin H. M. , Goncaloğlu B. İ.
International Journal Of Environmental Research, vol.14, no.5, pp.541-566, 2020 (Journal Indexed in SCI Expanded)
- III. **A novel approach to production of Chlorella protothecoides oil loaded nanoparticles via electrospraying method: Modelling of critical parameters for particle sizing**
Karakaş C. Y. , Özçimen D.
Biotechnology And Applied Biochemistry, vol.6, pp.1-7, 2020 (Journal Indexed in SCI Expanded)
- IV. **Fabrication of Oregano-Olive Oil Loaded PVA/Chitosan Nanoparticles via Electrospraying Method**
Vehapi M., Yılmaz A., Özçimen D.
Journal Of Natural Fibers, vol.6, pp.1-15, 2020 (Journal Indexed in SCI Expanded)
- V. **Investigation of the antifungal effects of algal extracts on apple-infecting fungi**
Vehapi M., Kocer A. T. , Yılmaz A., Özçimen D.
ARCHIVES OF MICROBIOLOGY, vol.202, pp.455-471, 2020 (Journal Indexed in SCI)
- VI. **Investigation of biochar production potential and pyrolysis kinetics characteristics of microalgal biomass**
Kocer A. T. , Mutlu B., Özçimen D.
BIOMASS CONVERSION AND BIOREFINERY, vol.10, pp.85-94, 2020 (Journal Indexed in SCI)
- VII. **Utilization of struvite recovered from high-strength ammonium-containing simulated wastewater as slow-release fertilizer and fire-retardant barrier**
Yetilmezsoy K., Koçak E., Akbin H. M. , Özçimen D.
ENVIRONMENTAL TECHNOLOGY, vol.41, no.2, pp.153-170, 2020 (Journal Indexed in SCI)
- VIII. **A Novel Borate Ion Selective Electrode Based On Carbon Nanotube-Silver Borate**
Bahar D. U. , Topçu C., Özçimen D., Işıldak İ.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.15, no.60, pp.899-914, 2020 (Journal Indexed in SCI)

- IX. **In vitro cytotoxic activity of microalgal extracts loaded nano-micro particles produced via electrospraying and microemulsion methods**
Karakas C. Y. , Sahin H. T. , İnan B., Özçimen D., Erginer Y.
BIOTECHNOLOGY PROGRESS, vol.35, no.1, 2019 (Journal Indexed in SCI)
- X. **Optimization of pH induced flocculation of marine and freshwater microalgae via central composite design**
Akış S., Özçimen D.
BIOTECHNOLOGY PROGRESS, vol.35, 2019 (Journal Indexed in SCI)
- XI. **A Comparative Study of Bioprocess Performance for Improvement of Bioethanol Production from Macroalgae**
İnan B., Özçimen D.
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.33, pp.133-140, 2019 (Journal Indexed in SCI)
- XII. **Marine diatom isolation, identification and investigation of nutrient effects on the diatom growth**
Cinar S., Özçimen D., Yılmaz M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, pp.1144-1153, 2019 (Journal Indexed in SCI)
- XIII. **Investigation of the biogas production potential from algal wastes**
Koçer A. T. , Özçimen D.
WASTE MANAGEMENT & RESEARCH, vol.36, pp.1100-1105, 2018 (Journal Indexed in SCI)
- XIV. **Antifungal Activities of *Chlorella vulgaris* and *Chlorella minutissima* Microalgae Cultivated in Bold Basal Medium, Wastewater and Extract Water Against *Aspergillus niger* and *Fusarium oxysporum***
Vehapi M., Yılmaz A., Özçimen D.
Romanian Biotechnological Letters, no.1, pp.1, 2018 (Journal Indexed in SCI Expanded)
- XV. **Determination of shear rate for scale-up of *B. braunii* production**
İnan B., Koçer A. T. , Özçimen D.
Journal Of Biotechnology, pp.43, 2018 (Journal Indexed in SCI Expanded)
- XVI. **Investigation of antibacterial and antioxidant activities of various algae species**
Vehapi M., Yılmaz A., Özçimen D.
Journal Of Biotechnology, pp.80, 2018 (Journal Indexed in SCI Expanded)
- XVII. **Effect of Chemical Pre-treatments on Bioethanol Production from *Chlorella minutissima***
Sert B. S. , İnan B., Özçimen D.
ACTA CHIMICA SLOVENICA, vol.65, pp.160-165, 2018 (Journal Indexed in SCI)
- XVIII. **OPTIMIZATION OF BIODIESEL PRODUCTION FROM *Chlorella protothecoides* OIL VIA ULTRASOUND ASSISTED TRANSESTERIFICATION**
Özçimen D., Gulyurt M. O. , İnan B.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.23, pp.367-375, 2017 (Journal Indexed in SCI)
- XIX. **Batch cultivation of marine microalgae *Nannochloropsis oculata* and *Tetraselmis suecica* in treated municipal wastewater toward bioethanol production**
Reyimu Z., Özçimen D.
JOURNAL OF CLEANER PRODUCTION, vol.150, pp.40-46, 2017 (Journal Indexed in SCI)
- XX. **Potential use of olive stone biochar as a hydroponic growing medium**
Karakas C., Özçimen D., İnan B.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol.125, pp.17-23, 2017 (Journal Indexed in SCI)
- XXI. **Biodiesel Production from *Chlorella protothecoides* Oil by Microwave-Assisted Transesterification**
Gulyurt M. O. , Özçimen D., İnan B.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.17, 2016 (Journal Indexed in SCI)
- XXII. **REMOVAL OF REACTIVE DYE REMAZOL BRILLIANT BLUE R FROM AQUEOUS SOLUTIONS BY USING ANAEROBICALLY DIGESTED SEWAGE SLUDGE BASED ADSORBENTS**
ÖZÇİMEN D., Salan T.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.22, pp.167-179, 2016 (Journal Indexed in SCI)
- XXIII. **Transesterification of hazelnut oil by ultrasonic irradiation**

- Kesgin C., Yücel S., Özçimen D., Terzioğlu P., Attar A.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.13, pp.328-333, 2016 (Journal Indexed in SCI)
- XXIV. **THE UTILIZATION OF WHEAT HULL ASH FOR THE PRODUCTION OF BARIUM AND CALCIUM SILICATES**
Terzioğlu P., Yücel S., Özçimen D.
LATIN AMERICAN APPLIED RESEARCH, vol.43, pp.319-324, 2013 (Journal Indexed in SCI)
- XXV. **Microwave-Assisted Fatty Acid Methyl Ester Production from Hazelnut Oil**
Ozcimen D.
JOURNAL OF BIOBASED MATERIALS AND BIOENERGY, vol.7, pp.449-456, 2013 (Journal Indexed in SCI)
- XXVI. **Characterization of Wheat Hull and Wheat Hull Ash as a Potential Source of SiO₂**
Terzioğlu P., Yücel S., Rababah T. M. , Özçimen D.
BIORESOURCES, vol.8, pp.4406-4420, 2013 (Journal Indexed in SCI)
- XXVII. **The production of methyl esters from waste frying oil by microwave method**
Rahmanlar I., Yücel S., Özçimen D.
ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING, vol.7, pp.698-704, 2012 (Journal Indexed in SCI)
- XXVIII. **Modeling 4-Chlorophenol Removal from Aqueous Solutions by Granular Activated Carbon**
BİLGİLİ M. S. , VARANK G., Sekman E., Top S., ÖZÇİMEN D., Yazici R.
ENVIRONMENTAL MODELING & ASSESSMENT, vol.17, pp.289-300, 2012 (Journal Indexed in SCI)
- XXIX. **REFLOTATION OF MT. ISA ZINC CONCENTRATE AFTER SO₂ LEACH TREATMENT**
Yigit E., Saridede M. N. , ÖZÇİMEN D.
MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, vol.33, pp.55-64, 2012 (Journal Indexed in SCI)
- XXX. **Characterization of biochar and bio-oil samples obtained from carbonization of various biomass materials**
Ozcimen D., Ersoy-Mericboyu A.
RENEWABLE ENERGY, vol.35, pp.1319-1324, 2010 (Journal Indexed in SCI)
- XXXI. **Adsorption of Copper(II) Ions onto Hazelnut Shell and Apricot Stone Activated Carbons**
ÖZÇİMEN D., Ersoy-Mericboyu A.
ADSORPTION SCIENCE & TECHNOLOGY, vol.28, pp.327-340, 2010 (Journal Indexed in SCI)
- XXXII. **Removal of copper from aqueous solutions by adsorption onto chestnut shell and grapeseed activated carbons**
Ozcimen D., Ersoy-Mericboyu A.
JOURNAL OF HAZARDOUS MATERIALS, vol.168, pp.1118-1125, 2009 (Journal Indexed in SCI)
- XXXIII. **A study on the carbonization of grapeseed and chestnut shell**
Ozcimen D., Ersoy-Mericboyu A.
FUEL PROCESSING TECHNOLOGY, vol.89, pp.1041-1046, 2008 (Journal Indexed in SCI)
- XXXIV. **Investigation of the carbonization behavior of hybrid poplar**
Özyurtkan M. H. , Ozcimen D., Mericboyu A. E.
FUEL PROCESSING TECHNOLOGY, vol.89, pp.858-863, 2008 (Journal Indexed in SCI)
- XXXV. **Production and characterization of bio-oil and biochar from rapeseed cake**
Ozcimen D., Karaosmanoglu F.
RENEWABLE ENERGY, vol.29, pp.779-787, 2004 (Journal Indexed in SCI)
- XXXVI. **Fixed bed pyrolysis of the rapeseed cake**
Sensoz S., Yorgun S., Angin D., Culcuoglu E., Ozcimen D., Karaosmanoglu F.
ENERGY SOURCES, vol.23, pp.873-876, 2001 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Isolation, characterization and identification of Chlorella sorokiniana strain Egemen.001 isolated from Horseshoe Island, Skua Lake, Antarctica, MW147167.1**
Özçimen D., Kaya Y., Çelik A., Koçer A., İnan B.

NCBI GenBank, vol.1, pp.1, 2020 (Refereed Journals of Other Institutions)

- II. **Isolation of *Flamella balnearia* strain YTU.ARCTIC.001 isolated from Arctica, MW147173.1**
Özçimen D., Aksoy H., Kaya Y., Çelik A., Koçer A., İnan B.
NCBI GenBank, vol.1, pp.1, 2020 (Refereed Journals of Other Institutions)
- III. **Isolation, characterization and identification of *Auxenochlorella pyrenoidosa* strain Ozcimen.001 isolated from Horseshoe Island, Skua Lake, Antarctica, MT951391**
Özçimen D., Kaya Y., Çelik A., T.Koçer A., İnan B.
NCBI GenBank, vol.1, pp.1, 2020 (Refereed Journals of Other Institutions)
- IV. **Isolation, characterization and identification of *Pseudochlorella pringsheimii* strain TASE-Ozcimen.001 isolated from Arctica, MW147154.1**
Özçimen D., Aksoy H., Çelik A., Koçer A., İnan B.
NCBI GenBank, pp.1, 2020 (Refereed Journals of Other Institutions)
- V. **Investigation of *B. subtilis* viability at different pH ranges for use in microbial cleaner formulation**
Vehapi M., Özçimen D.
Bulletin of Biotechnology, vol.1, pp.1-7, 2020 (Refereed Journals of Other Institutions)
- VI. **Utilization of hydrothermal process water for microalgal growth**
Zora Tarhan S., Koçer A. T. , Özçimen D., Gökalp İ.
Eurasian Journal of Biological and Chemical Sciences, vol.3, pp.42-47, 2020 (Refereed Journals of Other Institutions)
- VII. **Isolation, characterization and identification of *Chlorella variabilis* isolated from Horseshoe Island, Skua Lake, Antarctica, YTU.ANTARCTIC.001, MN372092**
Özçimen D., Kaya Y., Aksoy H. M. , İnan B., Çelik A., Edbeib M., Koçer A. T.
NCBI GenBank, no.1, pp.1, 2019 (Refereed Journals of Other Institutions)
- VIII. **Isolation of *Achromobacter* sp. from Horseshoe Island, Skua Lake, Antarctica, YTU.KUTUP.001, MN396385**
Özçimen D., Kaya Y., Aksoy H. M. , Edbeib M., İnan B., Koçer A. T. , Çelik A.
NCBI GenBank, no.1, pp.1, 2019 (Refereed Journals of Other Institutions)
- IX. **Isolation of *Blastomonas* sp. from Horseshoe Island, Skua Lake, Antarctica, YTU.POLAR.001, MN384971**
Özçimen D., Kaya Y., Aksoy H. M. , Koçer A. T. , İnan B., Edbeib M., Çelik A.
NCBI GenBank, no.1, pp.1, 2019 (Refereed Journals of Other Institutions)
- X. **An Optimization Study of Lipid Extraction from *Chlorella minutissima* for Biodiesel Production**
Koçer A. T. , İnan B., Özçimen D.
Journal of Chemical Engineering Research Updates, vol.6, pp.1-7, 2019 (Refereed Journals of Other Institutions)
- XI. **Adsorption of Remazol Brilliant Blue R by raw and carbonized macroalgal wastes**
Koçer A. T. , İnan B., ÖZÇİMEN D.
Environmental Research and Technology, vol.1, pp.40-46, 2018 (Refereed Journals of Other Institutions)
- XII. **Investigation of Antifungal Effect of *Chlorella Protothecoides* Microalgae Oil Against *Botrytis cinerea* and *Aspergillus niger* fungi**
ÖZÇİMEN D.
JOURNAL OF TEKIRDAG AGRICULTURE FACULTY-TEKIRDAG ZIRAAT FAKULTESİ DERGISI, vol.15, pp.45-52, 2018 (Journal Indexed in ESCI)
- XIII. **A comparison of bioethanol and biochar production from various algal biomass samples and sweet sorghum energy crop**
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- LX. **Enerji Bitkilerinden Biyoetanol Eldesi**
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ÖZÇİMEN D., Karakaş C.
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ÖZÇİMEN D., Demirer B. Ö.
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- LXV. **Proton değişim membran yakıt pilinde nanoteknoloji ve akıllı membran malzemesi birleşimi**
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- Özçimen D., Bölükbaşı İ., TUBITAK Project, Mikroalglerden yeşil sentezle nanopartikül üretimi ve biyomedikal uygulamalarda kullanımı, 2018 - 2019
- ÖZÇİMEN D., İnan B., Project Supported by Higher Education Institutions, Mikroalgal biyoaktif maddelerin farklı enkapsülasyon yöntemleri ile ilaç taşımında değerlendirilmesi, 2017 - 2019
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ÖZÇİMEN D., Other Supported Projects, Kolza Küspesinin Sabit Yatak Pirolizisi, 2000 - 2001

Patent

ÖZÇİMEN D., Solar Biyoreaktör, Patent, CHAPTER C Chemistry; Metallurgy, Initial Registration, 2017

Activities in Scientific Journals

The Open Microalgae Biotechnology, Committee Member, 2019 - Continues

International Journal of Life Sciences and Biotechnology, Advisory Committee Member, 2019 - Continues

Journal of Chemical Engineering Research Updates, Assistant Editor, 2018 - Continues

Environmental Research and Technology, Committee Member, 2015 - Continues

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Scientific Refereeing

Adsorption Science and Technology, SCI Journal, Continues

Environmental Engineering and Management Journal, SCI Journal, Continues

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Tasks In Event Organizations

Özçimen D., 4. Ulusal Kutup Bilimleri Çalıştayı (Bilim Kurulu Üyesi), Workshop Organization, Turkey, Ekim 2020
Özçimen D., II. International Eurasian Conference on Science, Engineering and Technology (Bilim Kurulu Üyesi), Scientific Congress, Gaziantep, Turkey, Ekim 2020
Özçimen D., II. International Enzyme and Bioprocess Days (Bilim Kurulu Üyesi), Scientific Congress, Kocaeli, Turkey, Eylül 2020
Özçimen D., 4th International Conference on Food and Biosystems Engineering, 4thFABE 2019 (Bilim Kurulu Üyesi), Scientific Congress, Greece, Haziran 2019
Özçimen D., International Conference on Biosciences & Medical Engineering, 2nd ICBME 2019 (Bilim Kurulu Üyesi), Scientific Congress, Indonesia, Nisan 2019
Özçimen D., I. International Eurasian Conference on Science, Engineering and Technology (Bilim Kurulu Üyesi), Scientific Congress, Ankara, Turkey, Kasım 2018
Özçimen D., VI. Biyomühendislik Öğrenci Kongresi (Bilim Kurulu Üyesi), Scientific Congress, İstanbul, Turkey, Nisan 2018
Özçimen D., Algal Enerji Teknolojileri Konferansı (Düzenleme Kurulu Başkanı), Scientific Congress, İstanbul, Turkey, Haziran 2015
Özçimen D., V. Biyomühendislik Günleri (Düzenleme Kurulu Üyesi), Scientific Congress, İstanbul, Turkey, Mayıs 2015
Özçimen D., BIO ENG'14 International Bioengineering Conference (Düzenleme Kurulu Üyesi), Scientific Congress, İstanbul, Turkey, Kasım 2014

Scientific Research / Working Group Memberships

Enerji Teknolojileri Çalışma Grubu, YILDIZ TEKNİK ÜNİVERSİTESİ, Türkiye, ,, 2017 - Continues

Invited Congress and Symposium Activities

4. Ulusal Kutup Bilimleri Çalıştayı ve Birinci Kutup Şenliği, Invited Speaker, Kocaeli, Turkey, 2020
Nanoteknoloji Çalıştayı, Panelists, İstanbul, Turkey, 2017
Enerji Teknolojileri 5. Biltronik Yarışması ve 3. Ar-Ge Proje Pazarı, Moderator, İstanbul, Turkey, 2013
II. Yıldız Biyomühendislik Günleri, Enerji ve Çevre Oturumu, Session Moderator, İstanbul, Turkey, 2012
Enerji Paneli, İTÜ, Panelists, İstanbul, Turkey, 2001

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Scholarships

Research Fellowship, ICARE-CNRS, Official Institutions of Foreign Countries, 2018 - 2018

Visiting Researcher Fellowship-French Embassy, Official Institutions of Foreign Countries, 2018 - 2018

Erasmus-Teaching Staff Mobility-University of Crete, European Commission, 2014 - 2014

Erasmus-Teaching Staff Mobility-Universitat de Barcelano, European Commission, 2013 - 2013

Erasmus-Teaching Staff Mobility-Universidade de Minho, European Commission, 2011 - 2011

Socrates Programme-Universiteit Gent, European Commission, 2006 - 2006

Awards

Özçimen D., 2017 Yılı Fikri ve Sınai Mülkiyet Hakkına Sahip Olan Üniversite Tüm Öğretim Elemanları Arasında İkincilik Ödülü, Yıldız Teknik Üniversitesi, January 2018