

Prof. NURİ AZBAR

Personal Information

Office Phone: [+90 232 311 5811](tel:+902323115811)

Fax Phone: [+90 232 311 5880](tel:+902323115880)

Email: nuri.azbar@ege.edu.tr

Web: <https://avesis.ege.edu.tr/nuri.azbar>

Address: Ege Üniversitesi Biyomühendislik Bölümü 35100 Bornova-İzmir

Biography

Dr. Nuri Azbar received his Bachelor and Master of Science degrees from the Department of Environmental Engineering at Dokuz Eylül University, Izmir, Turkey in 1990 and 1993, respectively. Then, he received his Ph.D. degree from the Department of Civil and Environmental Engineering at Vanderbilt University, Nashville, Tennessee, USA in 1999. Then, he worked for Balıkesir University until 2004 and joined, Department of Bioengineering at Ege University as a faculty member where he is currently a full professor.

His areas of interest include environmental biotechnology, wastewater engineering, sustainable production, biofuels and biorefinery, organic waste valorization.

He has over 55 peer-reviewed journal publications, over 60 conference proceeding publications, over 1400 citations recorded in the Science Citation Index (ISI). Moreover, he has been the primary director of 25 research projects funded by national and international institutions.

Education Information

Doctorate, Vanderbilt University, Çevre Mühendisliği, United States Of America 1995 - 1999

Post Graduate, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), Turkey 1991 - 1994

Under Graduate, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1985 - 1990

Foreign Languages

English, C1 Advanced

Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Industrial and Hazardous Waste Management, Solid Waste Engineering and Management, Contaminated Sites and Remediation, Hazardous Waste Management, Engineering and Technology

Academic Titles / Tasks

Professor, Ege Üniversitesi, Mühendislik Fakültesi, Biyomühendislik Bölümü, 2010 - Continues
Associate Professor, Ege University, Mühendislik Fakültesi, Biyomühendislik Bölümü, 2004 - 2010
Assistant Professor, Balıkesir Üniversitesi, Mühendislik-Mimarlık Fakültesi, Çevre Mühendisliği Bölümü, 2000 - 2004
Research Assistant, Balıkesir Üniversitesi, Mühendislik-Mimarlık Fakültesi, Çevre Mühendisliği Bölümü, 1995 - 2000
Research Assistant, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 1991 - 1995

Professional Experience

Head of Department, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Biyomühendislik, 2017 - 2018
Head of Department, Ege Üniversitesi, Mühendislik Fakültesi, Biyomühendislik, 2017 - 2018
Director of the Center, Ege Üniversitesi, Çevre Sorunları Uygulama Ve Araştırma Merkezi, 2012 - 2018
Head of Department, Ege Üniversitesi, Fen Bilimleri Enstitüsü, 2012 - 2018
Deputy Head of Department, Ege Üniversitesi, Mühendislik Fakültesi, Biyomühendislik, 2016 - 2017

Courses

Tehlikeli ve Zararlı Atıkların Yönetimi, Post Graduate, 2017 - 2018
SEPARATION AND PURIFICATION PROCESSES, Under Graduate, 2017 - 2018
Anaerobik Biyoteknoloji ve Sanayide Uygulamaları, Post Graduate, 2017 - 2018
KATI ATIKLARIN İDARESİ, Doctorate, 2017 - 2018
ENDÜSTRİYEL ATIKSU ARITIMI TEMEL PRENSİPLERİ, Post Graduate, 2017 - 2018
YAŞAM DÖNGÜSÜ ANALİZİ, Post Graduate, 2017 - 2018
KATI ATIKLARIN İDARESİ, Doctorate, 2017 - 2018

Advising Theses

AZBAR N., Tarımsal bazlı biyometan üretimi hesap ve ekonomik fizibilite aracı geliştirilmesi, Post Graduate, E.SEFA(Student), 2017
AZBAR N., Kentsel organik atıklardan biyometan üretimi için yüksek katı madde yüklemeli özgün biyoproses konfigürasyonunun incelenmesi, Post Graduate, KARSLAN(Student), 2017
AZBAR N., Kapalı döngü membran destekli biyogaz prosesi ile tavuk atıklarından temiz enerji üretimi, Doctorate, D.KARAALP(Student), 2015
AZBAR N., Anaerobik biyogaz reaktör çıkış suyundan özel biyoreaktör konfigürasyonu ile enerji geri kazanımı, Post Graduate, G.ÇALIŞKAN(Student), 2014
AZBAR N., 1,3-propandiol'ün üretiminde farklı immobilize kültür sistemlerinin karşılaştırılmalı incelenmesi, Doctorate, M.GÜNGÖRMÜŞLER(Student), 2014
AZBAR N., Karanlık ve foto-fermantasyon yöntemleri kullanılarak ardışık immobilize biyoreaktörlerde hidrojen üretiminin incelenmesi, Doctorate, T.KESKİN(Student), 2013
AZBAR N., Üniversitelerde oluşan tehlikeli atıklar: Ege Üniversitesi özelinde irdelenmesi, Post Graduate, G.TIĞLI(Student), 2013
AZBAR N., Clostridium beijerinckii ile immobilize biyoreaktörlerde 1,3 propandiol üretiminin incelenmesi ve geliştirilmesi, Doctorate, Ç.GÖNEN(Student), 2012
AZBAR N., Membran destekli biyoreaktörde 1,3-propanediol üretiminin incelenmesi, Post Graduate, F.GİZEM(Student), 2012
AZBAR N., Immobilize biyoreaktörde hidrojen üretiminin incelenmesi, Post Graduate, E.AKSÖYEK(Student), 2011
AZBAR N., İleri oksidasyon prosesleri ile bazı farmasötiklerin parçalanmasının incelenmesi, Post Graduate, D.KARAALP(Student), 2010
AZBAR N., İki aşamalı reaktör sistemlerinde peynir altı suyundan biyohidrojen üretimi, Doctorate, F.TUBA(Student),

2010

AZBAR N., Biyodizel üretim atığı gliserinden mikrobiyolojik yollarla biyopolimer hammaddesi üretilebilirliğinin incelenmesi, Post Graduate, M.GÜNGÖRMÜŞLER(Student), 2009

AZBAR N., Zeytin karasuyunun biyometana dönüştürülmesinde farklı anaerobik proses konfigürasyonlarının incelenmesi, Post Graduate, F.TUTUK(Student), 2008

AZBAR N., İzmir evsel çöpünden biyometan şeklinde enerji geri kazanılabilirliği, Post Graduate, Y.ERSOY(Student), 2007

AZBAR N., Karasuyun biyolojik parçalanabilirliğinin ortak besi maddesi etkisi ile iyileştirilmesi, Post Graduate, T.KESKİN(Student), 2007

AZBAR N., Çevre yönetim sistemleri (ISO 14000 standartları) ve kağıt sanayinde uygulanması, Post Graduate, I.CEVİLAN(Student), 2003

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

- I. **Comparative Evaluation of Two Packing Materials (Glass Pipe and Ceramic Ball) for Hydrogenotrophic Biomethanation (BHM) of CO₂**
DAĞLIOĞLU S. T. , Oğut T. C. , ÖZDEMİR G., AZBAR N.
WASTE AND BIOMASS VALORIZATION, 2020 (Journal Indexed in SCI)
- II. **The effect of corn syrup and whey on the conversion process of CO to ethanol using Clostridium ljungdahlii**
Azbar N.
Chemosphere, vol.261, no.127734, pp.1-9, 2020 (Journal Indexed in SCI)
- III. **Purified Terephthalic Acid Wastewater Treatment Using Modified Two-Stage UASB Bioreactor Systems**
Alpay T., Karabey B., AZBAR N., ÖZDEMİR G.
CURRENT MICROBIOLOGY, vol.77, no.1, pp.1081-1088, 2020 (Journal Indexed in SCI)
- IV. **A novel bioreactor design for enhanced aerobic granular sludge formation: effects of cationic polymer and boric acid addition**
Karabey B., AZBAR N., ÖZDEMİR G.
WATER AND ENVIRONMENT JOURNAL, no.1, 2020 (Journal Indexed in SCI)
- V. **Sustainable valorization of food wastes into solid fuel by hydrothermal carbonization**
Akarsu K., Duman G., Yilmazer A., KESKİN T., AZBAR N., YANIK J.
BIORESOURTE TECHNOLOGY, vol.292, 2019 (Journal Indexed in SCI)
- VI. **The Determination of the Trace Element Effects on Basal Medium by Using the Statistical Optimization Approach for Biogas Production from Chicken Manure**
KESKİN T., Arslan K., Karaalp D., AZBAR N.
WASTE AND BIOMASS VALORIZATION, vol.10, pp.2497-2506, 2019 (Journal Indexed in SCI)
- VII. **Bacterial and archeal dynamics of a lab-scale HYBRID gas fermentation bioreactor fed with CO₂ and H₂**
KARABEY B., DAĞLIOĞLU S. T. , AZBAR N., ÖZDEMİR G.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, 2019 (Journal Indexed in SCI)
- VIII. **Biohydrogen production from autoclaved fruit and vegetable wastes by dry fermentation under thermophilic condition**
Abubackar H. N. , KESKİN T., Yazgin O., Gunay B., Arslan K., AZBAR N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, pp.18776-18784, 2019 (Journal Indexed in SCI)
- IX. **Effects of size and autoclavation of fruit and vegetable wastes on biohydrogen production by dark dry anaerobic fermentation under mesophilic condition**
Abubackar H. N. , KESKİN T., Arslan K., Vural C., Aksu D., Yavuzylmaz D. K. , Özdemir G., Azbar N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, pp.17767-17780, 2019 (Journal Indexed in SCI)
- X. **Effect of percolation frequency on biohydrogen production from fruit and vegetable wastes by dry**

fermentation

KESKİN GÜNDOĞDU T., NALAKATH ABUBACKAR H., YAZGIN O., GÜNAY B., AZBAR N.

International Journal Of Hydrogen Energy, vol.44, pp.18767-18775, 2019 (Journal Indexed in SCI)

- XI. **CO2 utilization via a novel anaerobic bioprocess configuration with simulated gas mixture and real stack gas samples**
Daglioglu S. T. , Karabey B., Ozdemir G., Azbar N.
ENVIRONMENTAL TECHNOLOGY, vol.40, pp.742-748, 2019 (Journal Indexed in SCI)
- XII. **Determining the effect of trace elements on biohydrogen production from fruit and vegetable wastes**
Keskin T., Arslan K., Abubackar H. N. , VURAL C., EROĞLU D., Karaalp D., Yanik J., Ozdemir G., Azbar N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, pp.10666-10677, 2018 (Journal Indexed in SCI)
- XIII. **Sustainable hydrogen production options from food wastes**
DUMAN G., AKARSU K., YILMAZER A., Gundogdu T. K. , AZBAR N., YANIK J.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, pp.10595-10604, 2018 (Journal Indexed in SCI)
- XIV. **Determining the effect of trace elements on biohydrogen production from fruit and vegetable wastes**
KESKİN GÜNDOĞDU T., KARAALP D., ARSLAN K., NALAKATH ABUBACKAR H., vural c., EROĞLU D., ÖZDEMİR G., YANIK J., AZBAR N.
International Journal Of Hydrogen Energy, vol.43, pp.10666-10677, 2018 (Journal Indexed in SCI)
- XV. **Energy Recovery From Conventional Biogas Digester Effluent with a Novel Bioreactor Configuration**
ÇALIŞKAN G., AZBAR N.
Waste and Biomass Valorization, vol.8, pp.2371-2381, 2017 (Journal Indexed in SCI)
- XVI. **Cell immobilization for microbial production of 1,3-propanediol**
GUNGORMUSLER-YILMAZ M., CICEK N., LEVIN D. B. , AZBAR N.
Critical Reviews in Biotechnology, vol.36, pp.482-494, 2016 (Journal Indexed in SCI)
- XVII. **Experimental design methods for bioengineering applications**
Guendogdu T., Deniz I., Caliskan G., Şahin E. S. , Azbar N.
CRITICAL REVIEWS IN BIOTECHNOLOGY, vol.36, pp.368-388, 2016 (Journal Indexed in SCI)
- XVIII. **Enhancement of Biohydrogen Production via Thermophilic Cell Culture Immobilized on Glass Beads and Raschig Rings of Different Sizes in a Packed Bed Reactor**
PEKGUZEL E. A. , GUNDOGDU T. K. , AZBAR N.
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.29, pp.541-547, 2015 (Journal Indexed in SCI)
- XIX. **Comparison of Two Natural 1,3-Propanediol Producers in Regards to the Effect of Glucose Usage as a Co-substrate**
Gungormusler-Yilmaz M., AZBAR N.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.37, pp.1797-1804, 2015 (Journal Indexed in SCI)
- XX. **The effects of cell recycling on the production of 1,3-propanediol by Klebsiella pneumoniae**
AVCI F. G. , HÜCCETOĞULLARI D., AZBAR N.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.37, pp.513-519, 2014 (Journal Indexed in SCI)
- XXI. **Effect of cell immobilization on the production of 1,3-propanediol**
GÜNGÖRMÜŞLER M., GÖNEN C., AZBAR N.
NEW BIOTECHNOLOGY, vol.30, pp.623-628, 2013 (Journal Indexed in SCI)
- XXII. **Continuous Production of 1,3-Propanediol Using Waste Glycerol with Clostridium beijerinckii NRRL B-593 Immobilized on Glass Beads and Glass Rushing Rings**
GONEN C., GUNGORMUSLER M., AZBAR N.
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.27, pp.227-234, 2013 (Journal Indexed in SCI)
- XXIII. **Comparative Evaluation of Pumice Stone as an Alternative Immobilization Material for 1,3-Propanediol Production from Waste Glycerol by Immobilized Klebsiella pneumoniae**
GÖNEN C., GÜNGÖRMÜŞLER M., AZBAR N.
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.168, pp.2136-2147, 2012 (Journal Indexed in SCI)
- XXIV. **Development of a biofilm technology for the production of 1,3-propanediol (1,3-PDO) from crude glycerol**

- Casali S, GÜNGÖRMÜŞLER M., BERTİN L., Fava F, AZBAR N.
BIOCHEMICAL ENGINEERING JOURNAL, vol.64, pp.84-90, 2012 (Journal Indexed in SCI)
- XXV. **Effect of Pretreatment on the Enhancement of Biodegradation of Olive Mill Effluent for Treatment in an Anaerobic Cross-Flow Filter Reactor**
KESKİN T., TUTUK F., AZBAR N.
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.26, pp.23-29, 2012 (Journal Indexed in SCI)
- XXVI. **Continuous biohydrogen production in immobilized biofilm system versus suspended cell culture**
KESKİN T., GIUSTI L., AZBAR N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.37, pp.1418-1424, 2012 (Journal Indexed in SCI)
- XXVII. **Comparative analysis of thermophilic immobilized biohydrogen production using packed materials of ceramic ring and pumice stone**
KESKİN T., AKSOYEK E., AZBAR N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.36, pp.15160-15167, 2011 (Journal Indexed in SCI)
- XXVIII. **Use of ceramic-based cell immobilization to produce 1,3-propanediol from biodiesel-derived waste glycerol with *Klebsiella pneumoniae***
GUNGORMUSLER M., GONEN C., AZBAR N.
JOURNAL OF APPLIED MICROBIOLOGY, vol.111, pp.1138-1147, 2011 (Journal Indexed in SCI)
- XXIX. **1,3-Propanediol Production Potential by a Locally Isolated Strain of *Klebsiella Pneumoniae* in Comparison to *Clostridium Beijerinckii* NRRL B593 from Waste Glycerol**
GÜNGÖRMÜŞLER M., GÖNEN C., AZBAR N.
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.19, pp.812-817, 2011 (Journal Indexed in SCI)
- XXX. **Continuous production of 1,3-propanediol using raw glycerol with immobilized *Clostridium beijerinckii* NRRL B-593 in comparison to suspended culture**
GÜNGÖRMÜŞLER M., GÖNEN C., AZBAR N.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.34, pp.727-733, 2011 (Journal Indexed in SCI)
- XXXI. **Anaerobic digestion of Aegean olive mill effluents with and without pretreatment**
PEKIN G., HASKOK S., SARGIN S., GEZGIN Y., ELTEM R., IKIZOGLU E., AZBAR N., SUKAN F. V.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.85, pp.976-982, 2010 (Journal Indexed in SCI)
- XXXII. **The effect of dilution and L-malic acid addition on bio-hydrogen production with *Rhodospseudomonas palustris* from effluent of an acidogenic anaerobic reactor**
AZBAR N., DOKGOZ F. T. C.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.35, pp.5028-5033, 2010 (Journal Indexed in SCI)
- XXXIII. **A SCREENING METHODOLOGY FOR AOP SELECTION AS PRE-TREATMENT IN THE ANAEROBIC DEGRADATION OF OLIVE MILL EFFLUENT**
KESKIN T., AZBAR N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, pp.3209-3216, 2010 (Journal Indexed in SCI)
- XXXIV. **Continuous fermentative hydrogen production from cheese whey wastewater under thermophilic anaerobic conditions**
AZBAR N., DOKGOZ F. T. C., KESKIN T., KORKMAZ K. S., SYED H. M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.34, pp.7441-7447, 2009 (Journal Indexed in SCI)
- XXXV. **Biodegradation performance of an anaerobic hybrid reactor treating olive mill effluent under various organic loading rates**
AZBAR N., TUTUK F., KESKIN T.
INTERNATIONAL BIODETERIORATION & BIODEGRADATION, vol.63, pp.690-698, 2009 (Journal Indexed in SCI)
- XXXVI. **Evaluation of wild and commercial types of *Pleurotus* strains for their ability to decolorize cibacron black W-NN textile dye**
Biyik H., Kalyoncu F., Oryasin E., AZBAR N., KALMIS E., Basbulbul G.
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.3, pp.325-329, 2009 (Journal Indexed in SCI)
- XXXVII. **Effect of organic loading rate on the performance of an up-flow anaerobic sludge blanket reactor treating olive mill effluent**
AZBAR N., TUTUK F., KESKIN T.

- BIOTECHNOLOGY AND BIOPROCESS ENGINEERING, vol.14, pp.99-104, 2009 (Journal Indexed in SCI)
- XXXVIII. **Comparative Evaluation of Bio-Hydrogen Production From Cheese Whey Wastewater Under Thermophilic and Mesophilic Anaerobic Conditions**
AZBAR N., DOKGOEZ F. T. , KESKİN T., ELTEM R., KORKMAZ K. S. , GEZGİN Y., AKBAL Z., OENCEL S., DALAY M., GOENEN C., et al.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.6, pp.192-200, 2009 (Journal Indexed in SCI)
- XXXIX. **OPTIMIZATION OF BASAL MEDIUM FOR FERMENTATIVE HYDROGEN PRODUCTION FROM CHEESE WHEY WASTEWATER**
AZBAR N., DOKGOZ F. T. C. , PEKER Z.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.6, pp.371-380, 2009 (Journal Indexed in SCI)
- XL. **Enhancement of biogas production from olive mill effluent (OME) by co-digestion**
AZBAR N., KESKIN T., YURUYEN A.
BIOMASS & BIOENERGY, vol.32, pp.1195-1201, 2008 (Journal Indexed in SCI)
- XLI. **Evaluation of two wild types of Pleurotus ostreatus (MCC07 and MCC20) isolated from nature for their ability to decolorize Benazol Black ZN textile dye in comparison to some commercial types of white rot fungi: Pleurotus ostreatus, Pleurotus djamor, and Pleurotus citrinopileatus**
KALMIS E., AZBAR N., Kalyoncu F.
CANADIAN JOURNAL OF MICROBIOLOGY, vol.54, pp.366-370, 2008 (Journal Indexed in SCI)
- XLII. **Improvement in anaerobic degradation of olive mill effluent (OME) by chemical pretreatment using batch systems**
AZBAR N., KESKIN T., Catalkaya E. C.
BIOCHEMICAL ENGINEERING JOURNAL, vol.38, pp.379-383, 2008 (Journal Indexed in SCI)
- XLIII. **Feasibility Of using olive mill effluent (OME) as a wetting agent during the cultivation of oyster mushroom, Pleurotus ostreatus, on wheat straw**
KALMIS E., Azbar N., YILDIZ H., KALYONCU F.
BIORESOURSE TECHNOLOGY, vol.99, pp.164-169, 2008 (Journal Indexed in SCI)
- XLIV. **Improvement in anaerobic degradation of olive mill effluent (OME) by pre-treatment using H2O2, UV-H2O2 and Fenton's process**
AZBAR N., KESKIN T., Catalkaya E.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.5, pp.189-198, 2008 (Journal Indexed in SCI)
- XLV. **Comparative evaluation of the nutrient and cod removal performances of various sequentially operated biofilm reactors**
DOLGEN D., ALPASLAN M. N. , Azbar N., UNLU B.
ENVIRONMENTAL TECHNOLOGY, vol.28, pp.921-934, 2007 (Journal Indexed in SCI)
- XLVI. **Agar-plate screening for textile dye decolorisation by white rot fungi Pleurotus species (Pleurotus cornucopiae var.citrino-pileatus, P-djamoer, P-eryngii, P-ostreatus and P-sajor-caju)**
KALMIS E., Azbar N., KALYONCU F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.1309-1314, 2007 (Journal Indexed in SCI)
- XLVII. **Treatability studies on domestic wastewater using UV/H2O2 process**
YONAR T., KESTIOGLU K., Azbar N.
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.67, pp.223-228, 2006 (Journal Indexed in SCI)
- XLVIII. **Overview of anaerobic treatment: Thermophilic and propionate implications**
SPEECE R., BOONYAKITSOMBUT S., KIM M., Azbar N., URSILLO P.
WATER ENVIRONMENT RESEARCH, vol.78, pp.460-473, 2006 (Journal Indexed in SCI)
- XLIX. **Coastal zone problems and environmental strategies to be implemented at Edremit Bay, Turkey**
IRTEM E., KABDASLI S., Azbar N.
ENVIRONMENTAL MANAGEMENT, vol.36, pp.37-47, 2005 (Journal Indexed in SCI)
- L. **Feasibility of physico-chemical treatment and Advanced Oxidation Processes (AOPs) as a means of pretreatment of olive mill effluent (OME)**
KESTIOGLU K., YONAR T., Azbar N.
PROCESS BIOCHEMISTRY, vol.40, pp.2409-2416, 2005 (Journal Indexed in SCI)

- LI. **Decolorisation of textile effluent using homogeneous photochemical oxidation processes**
YONAR T., YONAR G., KESTIOGLU K., Azbar N.
COLORATION TECHNOLOGY, vol.121, pp.258-264, 2005 (Journal Indexed in SCI)
- LII. **Comparison of various advanced oxidation processes and chemical treatment methods for COD and color removal from a polyester and acetate fiber dyeing effluent**
Azbar N., YONAR T., KESTIOGLU K.
CHEMOSPHERE, vol.55, pp.35-43, 2004 (Journal Indexed in SCI)
- LIII. **Comparative evaluation of a laboratory and full-scale treatment alternatives for the vegetable oil refining industry wastewater (VORW)**
Azbar N., YONAR T.
PROCESS BIOCHEMISTRY, vol.39, pp.869-875, 2004 (Journal Indexed in SCI)
- LIV. **Upgrading an existing treatment system to adopt cleaner production principals**
Azbar N.
JOURNAL OF CLEANER PRODUCTION, vol.12, pp.789-795, 2004 (Journal Indexed in SCI)
- LV. **A review of waste management options in olive oil production**
Azbar N., BAYRAM A., FILIBELI A., MUEZZINOGLU A., SENGUL F., OZER A.
CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.34, pp.209-247, 2004 (Journal Indexed in SCI)
- LVI. **Two-phase, two-stage, and single-stage anaerobic process comparison**
Azbar N., Speece R.
JOURNAL OF ENVIRONMENTAL ENGINEERING, vol.127, pp.240-248, 2001 (Journal Indexed in SCI)
- LVII. **Effect of process configuration and substrate complexity on the performance of anaerobic processes**
Azbar N., Ursillo P., Speece R.
WATER RESEARCH, vol.35, pp.817-829, 2001 (Journal Indexed in SCI)
- LVIII. **Simultaneous computer control of pH in multiple environmental laboratory bioreactors**
Azbar N., SENEL H., Speece R.
ENVIRONMENTAL TECHNOLOGY, vol.21, pp.1007-1011, 2000 (Journal Indexed in SCI)
- LIX. **Defluoridation in drinking waters**
Azbar N., TURKMAN A.
WATER SCIENCE AND TECHNOLOGY, vol.42, pp.403-407, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Enhancement of Thermophilic Digestion of Food Waste (FW) via Trace Element Supplementation**
Azbar N., Keskin Gündoğdu T., Karaalp D., Arslan K.
Journal of Chemical Engineering Research Updates, vol.6, no.1, pp.8-17, 2019 (Refereed Journals of Other Institutions)
- II. **Performance Characteristics of a Pilot Anaerobic Digester Fed by Farmer's Market Wastes**
KARAALP D., ARSLAN K., KESKİN GÜNDOĞDU T., AZBAR N.
Journal of Fundamentals of Renewable Energy and Applications, vol.7, pp.236, 2017 (Refereed Journals of Other Institutions)
- III. **Use Of a Novel Bioreactor Configuration in The Form of High Solid Digestion For Municipal Organic Wastes at Pilot Scale**
ARSLAN K., KESKİN GÜNDOĞDU T., KARAALP YAVUZYILMAZ D., AZBAR N.
European Journal Engineering and Natural Sciences, vol.2, pp.120-125, 2017 (Other Refereed National Journals)
- IV. **Separation of 1,3-Propanediol by Nanofiltration Method**
ERİSÜRK ÖZTÜRE S., KABAY N., KESKİNLER B., AZBAR N.
International Journal of Membrane Science and Technology, pp.39-44, 2015 (Refereed Journals of Other Institutions)
- V. **TAVUK ATIKLARININ BİYOMETANA DÖNÜŞÜMÜNDE ÖZGÜN ÇÖZÜM ÖNERİSİ**

KARAALP D., AZBAR N.

7. Ulusal Katı Atık Yönetimi Kongresi -UKAY'2015- 14-16 Ekim 2015, Gaziantep, pp.308-321, 2015 (Other Refereed National Journals)

- VI. **Evaluation of Performance of Sequential Membranes Used in Pilot Scale Biogas Plant A Case Study for Laying Hen Manure**
KARAALP D., AKSÖYEK PEKGÜZEL E., AZBAR N.
International Journal of Membrane Science and Technology, pp.28-33, 2015 (Refereed Journals of Other Institutions)
- VII. **Anaerobic Biodegradation of Beer Production Wastewater at a Field Scale and Exploitation of Bioenergy Potential of Other Solid Wastes from Beer Production**
ÇALIŞKAN G., KESKİN GÜNDOĞDU T., GİRAY G., AZBAR N.
International Journal of Renewable Energy and Biofuels, pp.1-15, 2014 (Refereed Journals of Other Institutions)
- VIII. **Biohydrogen production via a novel immobilized cell bioreactor**
Gundogdu T., Akboncuk M. B. , Azbar N.
Biofuels, vol.4, pp.595-603, 2013 (Refereed Journals of Other Institutions)
- IX. **Use of Immobilized Cell Systems in Biohydrogen Production**
AZBAR N., Kapdan I. K.
STATE OF THE ART AND PROGRESS IN PRODUCTION OF BIOHYDROGEN, pp.227-249, 2012 (Refereed Journals of Other Institutions)
- X. **Biohydrogen Production from Agricultural Agrofood-Based Resources**
AZBAR N., Levin D. B.
COMPREHENSIVE BIOTECHNOLOGY, VOL 6: ENVIRONMENTAL BIOTECHNOLOGY AND SAFETY, 2ND EDITION, pp.629-641, 2011 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Biohydrogen Production From Solid Wastes**
Azbar N.
in: BIOMASS, BIOFUELS, BIOCHEMICALS BIOHYDROGEN, ASHOK PANDEY S. VENKATA MOHAN JO-SHU CHANG PATRICK C. HALLENBECK CHRISTIAN LARROCHE, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.323-345, 2019
- II. **Biohydrogen Production from Solid Wastes**
KESKİN GÜNDOĞDU T., ARSLAN K., NALAKATH ABUBACKAR H., AZBAR N.
in: Biohydrogen 2-Biomass, Biofuels, Biochemicals, Ashok Pandey, S. Venkata Mohan, Jo-Shu Chang, Patrick C. Hallenbeck, Christian Larroche, Editor, ELSEVIER, pp.321-346, 2019
- III. **FUNDAMENTALS OF HYDROGEN PRODUCTION VIA BIOTECHNOLOGY (BIO H₂)**
AZBAR N.
in: PHYTOREMEDIATION FOR GREEN ENERGY, OZTURK M, ASHRAF M, AKSOY A, AHMAD MSA, Editor, SPRINGER, pp.149-173, 2015
- IV. **Biopolymers: Novel Bioprocess Configuration fro 1,3 Propanediol (1,3-PDO) Production**
AZBAR N., Güngörmüşler M.
in: Biotechnology, Shishir S., Govil J.N., Editor, Studium Press Llc, Texas, pp.520-538, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Substrate and Medium optimization for Bioethanol production via Syngas Fermentation**
GÜNAY B., AZBAR N., KESKİN GÜNDOĞDU T.
2nd International Eurasian Congress on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019
- II. **QUANTIFICATION OF MICROORGANISM COMPOSITION OF BIOHYDROGEN PRODUCTION FROM THE**

DRY FERMENTATION SYSTEM BY REAL-TIME Q-PCR

Vural C., AKSU D., KESKİN GÜNDOĞDU T., Nalakath Abubackarc H., ÖZDEMİR G., AZBAR N.

4th International Conference on Environmental Science and Technology (ICOEST, Kiev, Ukraine, 19 September 2018, pp.208-214

- III. **EFFECT OF HEAT PRE-TREATMENT ON BIOETHANOL PRODUCTION BY SYNGAS FERMENTATION USING MIXED CULTURES**
KESKİN GÜNDOĞDU T., DUMAN G., NALAKATH ABUBACKAR H., YANIK J., AZBAR N.
4th International Conference on Engineering and Natural Sciences, KİEV, Ukraine, 2 - 06 May 2018
- IV. **Analysis of biohydrogen production via dry anaerobic digestion of fruit and vegetable waste**
YAZGIN O., GÜNAY B., NALAKATH ABUBACKAR H., KESKİN GÜNDOĞDU T., AZBAR N.
3RD INTERNATIONAL HYDROGEN TECHNOLOGIES CONGRESS, Antalya, Turkey, 15 - 18 March 2018, pp.121
- V. **Optimization of Thermal Pre-treatment Conditions By Box-Wilson Method For Dark Fermentative Biohydrogen Production From Fruit and Vegetable Wastes**
GÜNAY B., YAZGIN O., ARSLAN K., NALAKATH ABUBACKAR H., KESKİN GÜNDOĞDU T., AZBAR N.
3RD INTERNATIONAL HYDROGEN TECHNOLOGIES CONGRESS, Antalya, Turkey, 15 - 18 March 2018
- VI. **Biohydrogen production from fruit and vegetable wastes through dark dry anaerobic fermentation under thermophilic condition**
NALAKATH ABUBACKAR H., YAZGIN O., GÜNAY B., ARSLAN K., KESKİN GÜNDOĞDU T., AZBAR N.
3RD INTERNATIONAL CONFERENCE ON HYDROGEN TECHNOLOGIES, Antalya, Turkey, 15 - 18 March 2018, pp.339-342
- VII. **IMPROVED BIOHYDROGEN PRODUCTION FROM FRUIT AND VEGETABLE WASTES THROUGH DARK DRY ANAEROBIC FERMENTATION**
NALAKATH ABUBACKAR H., GÜNAY B., YAZGIN O., ARSLAN K., KESKİN GÜNDOĞDU T., KARAALP D., AZBAR N.
INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES, 7 - 09 December 2017
- VIII. **OPTIMIZATION OF THE HYDRAULIC RETENTION TIME HRT FOR A SUCCESSFUL OPERATION OF BIOHYDROGEN PRODUCTION FROM FRUIT AND VEGETABLE WASTES BY DRY FERMENTATION SYSTEM**
HARIS N., KESKİN GÜNDOĞDU T., ARSLAN K., KARAALP YAVUZYLMAZ D., AZBAR N.
<http://icente.selcuk.edu.tr/>, Konya, Turkey, 7 - 09 December 2017, pp.166
- IX. **EFFECT OF CHEMICAL PRETREATMENT METHODS FOR BIOHYDROGEN PRODUCTION FROM FRUIT AND VEGETABLE WASTES**
ARSLAN K., GÜNAY B., KESKİN GÜNDOĞDU T., HARIS N., AZBAR N.
International Conference on Engineering Technologies, Konya, Turkey, 7 - 09 December 2017, pp.166
- X. **Determination of microbial composition of hydrogen production from food wastes**
VURAL C., EROĞLU D., KESKİN GÜNDOĞDU T., ARSLAN K., KARAALP YAVUZYLMAZ D., ABUBACKAR H. N., ÖZDEMİR G., AZBAR N.
3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 19 - 23 October 2017
- XI. **VALORIZATION OF FOOD WASTES THROUGH HYDROTHERMAL CARBONIZATION**
AKARSU K., DUMAN G., YILMAZER A., UÇAR S., AZBAR N., YANIK J.
The 3rd International Conference on Environmental Science and Technology, 19 - 23 October 2017
- XII. **CARBON FOOTPRINT ANALYSIS OF EGE UNIVERSITY IN THE FRAME OF SUSTAINABILITY**
DAĞLIOĞLU S. T., ERDOĞAN N., AZBAR N.
3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY (ICOEST), Budapest, Hungary, 19 - 23 October 2017, vol.1, pp.151
- XIII. **MAPPING THE SPATIAL DISTRIBUTION OF POULTRY FARMS TO SUPPORT ENVIRONMENTAL DECISION MAKING: A CASE STUDY OF IZMIR CITY, TURKEY**
ERDOĞAN N., DAĞLIOĞLU S. T., KESKİN GÜNDOĞDU T., AZBAR N.
3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY (ICOEST), Budapest, Hungary, 19 - 23 October 2017, vol.1, pp.13
- XIV. **Biohydrogen and Biochar production from fruits and vegetables by dry fermentation and hydrothermal carbonization, respectively: Effect of inoculum to substrate ratio**

NALAKATH ABUBACKAR H., ARSLAN K., KESKİN GÜNDOĞDU T., KARAALP YAVUZYLMAZ D., AKARSU K., DUMAN G., YILMAZER A., DOĞAN C., EROĞLU D., ÖZDEMİR G., et al.

7th International Conference on Biotechniques for Air Pollution Control and Bioenergy, 19 - 21 July 2017

- XV. **The Structure of the Bacterial and Archaeal Community in a Lab-scale Hybrid Bio-methane Reactor as Revealed by Denaturing Gradient Gel Electrophoresis and 16S rDNA Sequencing Analysis**
KARABEY B., DAĞLIOĞLU S. T., AZBAR N., ÖZDEMİR G.
The 3rd International Symposium on EuroAsian Biodiversity (SEAB2017), Minsk, Belarus, 5 - 08 July 2017
- XVI. **Utilization of Residual CO₂ for further CH₄ production**
AZBAR N., DAĞLIOĞLU S. T., KARABEY B., ÖZDEMİR G.
Workshop at University of Rostock, Germany, 25 - 28 June 2017
- XVII. **Trends in Global Biogas Production: Europe and Turkey**
AZBAR N.
TURKEY-UK International Workshop No1: Biobased Approaches On Renewable Energy Technologies, İzmir, Turkey, 6 - 07 April 2017
- XVIII. **Hydrogen production from municipal solid wastes by hydrothermal gasification**
YANIK J., DUMAN G., AKARSU K., KESKİN GÜNDOĞDU T., ARSLAN K., NALAKATH H., AZBAR N.
International Hydrogen Technologies Congress 2017, 15 - 18 March 2017
- XIX. **ENVIRONMENT FRIENDLY MANAGEMENT OF ORGANIC WASTES**
AZBAR N.
IFAT Eurasia, İstanbul, Turkey, 16 - 18 February 2017
- XX. **Determining the effects of trace elements on biomethane production from organic fraction of municipal solid wastes**
AKSOY S., ARSLAN K., KESKİN GÜNDOĞDU T., KARAALP D., AZBAR N.
1st International Mediterranean Science and Engineering Congress, 26 - 28 October 2016
- XXI. **BIODEGRADATION OF PTA WASTEWATER BY TWO STAGE ANAEROBIC REACTOR SYSTEMS**
ALPAY T., KARABEY B., AZBAR N., ÖZDEMİR G.
INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 28 September - 02 October 2016
- XXII. **Optimization of Basal Medium Composition for Biogas Production from Organic Fraction of Municipal Solid Wastes (MSW) by Placket Burman Statistical Method**
AZBAR N., KESKİN GÜNDOĞDU T., KARAALP D., ARSLAN K.
The International Conference on Engineering and Natural Sciences (ICENS), SARAYBOSNA, Bosnia And Herzegovina, 24 - 28 May 2016
- XXIII. **LONG TERM PERFORMANCE OF AN PILOT ANAEROBIC DIGESTER FED BY MUNICIPAL SOLID WASTE EFFECT OF TRACE METAL ADDITION**
AZBAR N., KARAALP D., KESKİN GÜNDOĞDU T., ARSLAN K.
The International Conference on Engineering and Natural Sciences (ICENS), 24 - 28 May 2016
- XXIV. **Zeytinyağı Üretiminde Sürdürülebilirliğin Ve Rekabetçiliğin Güçlendirilmesi**
GENÇLER F. F., TÜRKEL B., ÇOBAN H., AZBAR N.
XII. Ulusal Tarım Ekonomisi Kongresi, Isparta, Turkey, 25 - 27 May 2016, vol.1, pp.129-138
- XXV. **Potential of organic residues from Turkish poultry farms and preventing emissions by advanced AD technology**
AZBAR N.
Strategies for enhancement of methane production, upgrading of digestate, and reducing of emissions by using advanced biogas technologies, 7 - 08 April 2016
- XXVI. **Biyohidrojen Üretiminde Anaerobik Floklu Aşıya Uygulanan Ön İşlem Etkilerinin Karşılaştırılması**
KESKİN GÜNDOĞDU T., TABAN B., ARSLAN K., KARAALP D., AZBAR N.
Ulusal Hidrojen Teknolojileri Kongresi (UHTEK 2015), Turkey, 20 - 23 December 2015
- XXVII. **Tavuk Atıkları ve Kentsel Katı Atıkların Organik Fraksiyonundan Biyogaz Üretiminde Ko-Substrat Etkisinin Karşılaştırmalı Olarak İncelenmesi**
ARSLAN K., KESKİN GÜNDOĞDU T., TABAN B., KARAALP D., AZBAR N.

18. Biyoteknoloji Kongresi, Turkey, 18 - 20 December 2015
- XXVIII. **Designing the Optimum Basal Medium Composition for Biogas Production from Chicken Manure by Taguchi OA Statistical Method**
ŞAHİN e. s. , AKSÖYEK e., ARSLAN k., KARAALP d., KESKİN GÜNDOĞDU T., AZBAR N.
7th International Bioengineering Congress (BEC 2015), 19 - 21 November 2015
- XXIX. **Correlation Between Biohydrogen Production and Formation of Some By-products (PHB and Carotenoid) During Photofermentative Hydrogen Production**
DOKGÖZ T., AKSÖYEK E., ELTEM R., AZBAR N.
5th International Ege Energy Symposium and Exhibition (IEESE-5), Denizli, Turkey, 27 June 2010, pp.234
- XXX. **Atık gliserinden biyoteknolojik yollarla çevre dostu biyoplastik hammaddesi üretimi**
Güngörmüşler M., Gönen Ç., ÖZDEMİR G., AZBAR N.
İTÜ XII. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 16 June 2010, pp.1
- XXXI. **Comparative Evaluation of Hydrogen Production Potential of Some Clostridium Species and their Co-Cultures with Undefined Anaerobic Mixed Culture.**
AZBAR N., Dokgöz F., KESKİN GÜNDOĞDU T., ELTEM R.
International Symposium on Biotechnology: Developments and Trends, Middle East Technical University, Ankara, Turkey, 27 September 2009, pp.127

Expert Reports

- I. **Socar Power Entegre Projesi ile ilgili olarak Çevre ve Şehircilik Bakanlığı Çevresel Etki İzin ve Denetim Genel Müdürlüğü'nce 10/07/2013 gün ve 3080 sayılı evrak no ile verilen Çevresel Etki Değerlendirme (ÇED) olumlu kararının iptali**
TÜNEY KIZILKAYA İ., AZBAR N., Şık L., Lafı E., BOLCA M., ATALAY F. S. , Karadeniz S., Tarcan G., Toros H., Matur F., et al.
İzmir 3. İdare Mahkemesi, pp.123, İzmir, 2018

Supported Projects

- Keskin Gündoğdu T., Yanık J., Azbar N., Duman G., EU Supported Other Project, Conversion of olive oil wastes through combined pyrolysis and anaerobic digestion: energy, value added product and eco-fertilizers production, 2018 - 2021
- Keskin Gündoğdu T., Azbar N., Yanık J., TUBITAK Project, Sentez gaz Fermentasyonu ile Biyoetanol Üretiminde İmmobilize Biyoreaktörlerin Etkisinin İncelenmesi, 2018 - 2020
- AZBAR N., DAĞLIOĞLU S. T. , ÖZDEMİR G., Project Supported by Higher Education Institutions, CO2 EMİSYONLARININ İMMOBİLİZE BİTOREAKTÖRLER İLE BİYOMETANA DÖNÜŞTÜRÜLMESİ, 2017 - 2019
- AZBAR N., Project Supported by Higher Education Institutions, E.Ü.ÇEVRE LABORATUVARI ALTYAPISININ GELİŞTİRİLMESİ, 2017 - 2018
- ÖZDEMİR G., DAĞLIOĞLU S. T. , AZBAR N., Project Supported by Higher Education Institutions, PETROKİMYA ENDÜSTRİSİNDEKİ GAZ EMİSYONLARININ BİYOTEKNOLOJİK OLARAK DEĞERLENDİRİLMESİNİN ARAŞTIRILMASI, 2016 - 2018
- ÖTLEŞ S., AZBAR N., KESKİN GÜNDOĞDU T., Project Supported by Higher Education Institutions, EGE ÜNİVERSİTESİ ENTEGRE ATIK YÖNETİMİ VE TEHLİKELİ ATIKLARIN İDARESİ PROJESİ, 2015 - 2018
- Azbar N., Yanık J., Özdemir G., Uçar S., Keskin Gündoğdu T., TUBITAK Project, Kentsel Katı Atıkların Organik Fraksiyonlarından Biyohidrojen ve Biyokömür Üretimi, 2015 - 2018
- AZBAR N., ÖZDEMİR G., YANIK J., TUBITAK Project, "Kentsel Katı Atıkların Organik Fraksiyonlarından Kuru Fermantasyonla Hidrojen ve Biyokömür Üretimi, 2015 - 2018
- AZBAR N., Project Supported by Higher Education Institutions, EGE ÜNİVERSİTESİ KURUMSAL KARBON AYAKIZININ BELİRLENMESİ, 2016 - 2017
- KESKİN GÜNDOĞDU T., AZBAR N., TUBITAK Project, Organik Atıklardan Biyogaz Üretiminde İz Metal Biyokullanılabilirliği

Üzerine Biyoreaktör Konfigurasyonun Etkisinin Belirlenmesi, 2014 - 2017
AZBAR N., Project Supported by Higher Education Institutions, EÜ ÇEVMER ÇEVRE LABORATUVARI ARAŞTIRMA VE UYGULAMA OLANAKLARININ GELİŞTİRİLMESİ, 2016 - 2016
AZBAR N., Project Supported by Higher Education Institutions, YEŞİL ÜNİVERSİTE VE SÜRDÜRÜLEBİLİRLİK KAPSAMINDA YAŞAM DÖNGÜSÜ ANALİZİNİN DEĞERLENDİRİLMESİ, 2015 - 2016
AZBAR N., Project Supported by Higher Education Institutions, E.Ü. ÇEVMER ÇEVRE LABORATUVARI ALT YAPI VE ARAŞTIRMA OLANAKLARININ GELİŞTİRİLMESİ, 2015 - 2016
AZBAR N., Project Supported by Higher Education Institutions, EÜ ÇEVMER ÇEVRE LABORATUVARI ALTYAPISININ GELİŞTİRİLMESİ, 2014 - 2015
AZBAR N., Project Supported by Higher Education Institutions, ÇEVMER LABORATUVAR VE EĞİTİM ALT YAPISINI GELİŞTİRME PROJESİ, 2013 - 2014
AZBAR N., Project Supported by Higher Education Institutions, BİYOGAZ REAKTÖRLERİ ORGANİK BAKİYENİN BİYOENERJİ İÇERİNİN GERİ KAZANIMI, 2013 - 2014
AZBAR N., Project Supported by Higher Education Institutions, YÜKSEK AZOT İÇERİKLİ TAVUK ATIKLARI İLE BİYOGAZ ÜRETİMİNDE PROSES PERFORMANSI ÜZERİNE MİRONÜTRİENT VE ZEOLİT İLAVESİNİN ETKİSİNİN İNCELENMESİNİ, 2013 - 2014
AZBAR N., Project Supported by Higher Education Institutions, ÇEVMER LABORATUVAR VE EĞİTİM ALT YAPISINI GELİŞTİRME PROJESİ, 2013 - 2014
AZBAR N., Project Supported by Higher Education Institutions, EGE ÜNİVERSİTESİ TEHLİKELİ ATIKLAR ENVANTERİ VE FARKINDALIK ÇALIŞMASI, 2011 - 2012
AZBAR N., Project Supported by Higher Education Institutions, BİYOTEKNOLOJİK YOLLARLA BİYOPOLİMER HAMMADDESİ (1,3 PDO) ÜRETİMİNDE HYDROGEL ENTRAPMENT İMMOBİLİZASYON YÖNTEMİNİN İNCELENMESİ, 2010 - 2012
AZBAR N., Project Supported by Higher Education Institutions, FERMENTASYON ORTAMINDAN 1,3 PDONUN AYRIŞTIRILIP SAFLAŞTIRILMASININ İNCELENMESİ, 2010 - 2012
AZBAR N., Project Supported by Higher Education Institutions, İLERİ OKSİDASYON PROSESLERİ İLE BAZI FARMASÖTİKLERİN PARÇALANMASININ İNCELENMESİ, 2009 - 2011
AZBAR N., Project Supported by Higher Education Institutions, BİYODİZEL ÜRETİM ATIĞI GLİSERİNDEN İMMOBİLİZE KÜLTÜR SİSTEMLERİNDE MİKROBİYAL ÜRETİMLE PİYOPOLİMER HAMMADDESİ ÜRETİLEBİLİRLİĞİNİN İNCELENMESİ, 2009 - 2011
AZBAR N., Project Supported by Higher Education Institutions, BİYODİZEL ÜRETİM ATIĞI GLİSERİNDEN ASKIDA KÜLTÜR SİSTEMLERİNDE MİKROBİYAL ÜRETİMLE BİYOPOLİMER ÜRETİLEBİLİRLİĞİNİN İNCELENMESİ, 2008 - 2010
AZBAR N., Project Supported by Higher Education Institutions, KENTSEL ÇÖĞLERİN ORGANİK FRAKSİYONUNDAN BİYOENERJİ GERİ KAZANIMI, 2005 - 2007
AZBAR N., Project Supported by Higher Education Institutions, KARASUYUN BİYOLOJİK PARÇALANABİLİRLİĞİNİN ORTAK BESİ MADDESİ ETKİSİ İLE İYİLEŞTİRİLMESİ, 2004 - 2007
Azbar N., TUBITAK Project, Karasuyub Biyolojik Parçalanabilirliğinin Ortak Substrat Etkisi ile İyileştirilmesi, 2004 - 2005

Activities in Scientific Journals

Journal of Renewable Energy, Committee Member, 2018 - Continues
The Peer J, Committee Member, 2017 - Continues
BioMed Research International, Committee Member, 2016 - Continues
4TH International Ege Composite Materials Sympoisum 2018, Evaluation Committee Member, 2018 - 2018
ÇEVKOS8-Türkiye'de Çevre Kirlenmesi Öncelikleri Sempozyumu, Evaluation Committee Member, 2018 - 2018
ICOEST2018- 4TH International Conference On Environmental Science and Technology , Evaluation Committee Member, 2018 - 2018
2nci Uluslararası Şehircilik ve Çevre Kongresi, Evaluation Committee Member, 2018 - 2018
9. ULUSAL KATI ATIK YÖNETİMİ KONGRESİ UKAY-2018, Evaluation Committee Member, 2018 - 2018
EURASIA Waste Menagement Symposium, Evaluation Committee Member, 2017 - 2018

Memberships / Tasks in Scientific Organizations

Dergi Bilim Kurulu Üyeliği, Consultant, 2017 - Continues

Katı Atık Kirlenmesi Araştırma ve Denetimi Türk Milli Komitesi-KAKAD, Board Member, 2015 - Continues

Çevre Komitesi, Board Member, 2012 - Continues

Meslek odası üyeliği, Member, 1991 - Continues

Scientific Refereeing

Journal of Renewable Energy-RENE, SCI Journal, December 2018

Journal of Hazardous Materials, SCI Journal, December 2018

Journal of Hydrogen Energy, SCI Journal, December 2018

Journal of Bioresource Technology, SCI Journal, November 2018

Journal of Biofuels, Bioproducts and Biorefining-BioFBR , SCI Journal, November 2018

TUBITAK Project, November 2018

TUBITAK Project, November 2018

Journal of HELIYON, Other Indexed Journal, October 2018

Journal of Green Energy, SCI Journal, October 2018

Journal of Biomass and Bioenergy, SCI Journal, October 2018

Journal of Environmental Engineering and Science, SCI Journal, September 2018

Journal of Chemical Engineering-CEJ, SCI Journal, September 2018

TUBITAK Project, September 2018

September 2018

Journal of Renewable Energy-RENE, Other Indexed Journal, August 2018

Polish Journal of Environmental Studies, SCI Journal, August 2018

Environmental Research and Technology-Dergi Park, Other Indexed Journal, July 2018

Ege Bölgesi Sanyı Odası (EBSO) - Çevre Ödül Yarışması Hakemliği, Other Journals, June 2018

Journal of Renewable Energy-RENE, SCI Journal, June 2018

Journal of Agricultural Engineering-CIGR, SCI Journal, June 2018

Türkiye Bilimler Akademisi (TÜBA) GEBİP Mühendislik Bilimleri Hakemliği, Other Journals, May 2018

Journal of Biofuels, Bioproducts and Biorefining-BioFBR , SCI Journal, May 2018

Journal of Renewable Energy-RENE, SCI Journal, May 2018

Journal of Biomass and Bioenergy, SCI Journal, May 2018

May 2018

Project Supported by Higher Education Institutions, May 2018

May 2018

May 2018

Journal of Renewable Energy-RENE, SCI Journal, April 2018

Journal of Renewable Energy-RENE, SCI Journal, April 2018

Journal of Renewable Energy-RENE, SCI Journal, April 2018

Journal of Bioresource Technology, SCI Journal, April 2018

Journal of Chemical Technology and Biotechnology, SCI Journal, April 2018

TUBITAK Project, April 2018

April 2018

Applied Ecology and Environmental Research Journal, SCI Journal, March 2018

TUBITAK Project, March 2018

TUBITAK Project, March 2018

TUBITAK Project, March 2018

Applied Biochemistry and Biotechnology Journal, SCI Journal, February 2018

Journal of Renewable Energy-RENE, SCI Journal, February 2018

Journal of Environmental Technology, SCI Journal, February 2018
International Journal of Chemical Engineering, SCI Journal, February 2018
Journal of Renewable Energy-RENE, SCI Journal, February 2018
Journal of Environmental Science and Pollution Research, SCI Journal, February 2018
TUBITAK Project, February 2018
The Canadian Journal of Chemical Engineering, SCI Journal, January 2018
Journal of Renewable Energy-RENE, SCI Journal, January 2018
Journal of Agricultural Engineering-CIGR, SCI Journal, January 2018

Scientific Consultations

TÜBİTAK, Project Consultancy, Ege Üniversitesi, Mühendislik Fakültesi, Biyomühendislik Bölümü, Turkey, 2018 - Continues
TÜBİTAK, Project Consultancy, Ege Üniversitesi, Mühendislik Fakültesi, Biyomühendislik Bölümü, Turkey, 2017 - Continues

Invited Congress and Symposium Activities

TMMOB İzmir Enerji Forumu, Attendee, İzmir, Turkey, 2018
4th International Symposium on Composite Materials, Session Moderator, İzmir, Turkey, 2018
4TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY-ICOEST-2018, Attendee, Kyiv, Ukraine, 2018
ICOEST-2018-4th International Conference on Environmental Science and Technology, Session Moderator, Kyiv, Ukraine, 2018
VIVALDI Summer School of BEST Organisation (Board of European Students of Technology), Attendee, İzmir, Turkey, 2018
International Symposium ECOLOGY 2018, Attendee, Kastamonu, Turkey, 2018
Ege Bölgesi Sanayi Odası (EBSO) "Dünyamız Nereye Gidiyor" Dünya Çevre Günü Paneli,, Attendee, İzmir, Turkey, 2018
SCHNEIDER Firması "Dünya Çevre Günü Etkinliği", Attendee, Manisa, Turkey, 2018
5 HAZİRAN DÜNYA ÇEVRE GÜNÜ PANELİ, Attendee, İzmir, Turkey, 2018
9. Ulusal Katı Atık Yönetimi Kongresi - UKAY'2018, Attendee, Konya, Turkey, 2018
International Spring School on Water Reclamation and Resuse, Attendee, İzmir, Turkey, 2018
Pamukkale Üniversitesi EKOLOJİ ZİRVESİ 2018, Attendee, İzmir, Turkey, 2018
3rd International Hydrogen Technologies Congress, Attendee, Antalya, Turkey, 2018

Citations

Total Citations (WOS):1993

h-index (WOS):26