

Prof. Güleda ENGİN

Personal Information

Office Phone: [+90 212 383 5404](tel:+902123835404)

Fax Phone: [+90 212 383 5358](tel:+902123835358)

Email: gengin@yildiz.edu.tr

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

Address: Yıldız Teknik Üniversitesi İnşaat Fakültesi Çevre Mühendisliği Bölümü 34220
Esenler, İstanbul



International Researcher IDs

ScholarID: 9fjGowwAAAAJ

ORCID: 0000-0002-3841-8440

Publons / Web Of Science ResearcherID: AAF-5536-2019

ScopusID: 6701484644

Yoksis Researcher ID: 3532

Education Information

Doctorate, Imperial College of Science, Technology and Medicine, Mühendislik Fakültesi,
Kimya Ve Proses Mühendisliği, United Kingdom 1997 - 2000

Postgraduate, University of Hertfordshire, Mühendislik Fakültesi, İnşaat Mühendisliği, United
Kingdom 1994 - 1997

Undergraduate, Dokuz Eylül University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey
1988 - 1992

Dissertations

Doctorate, DEVELOPMENT OF ANIONIC CLAYS FOR WATER TREATMENT, Imperial College of Science, Technology and
Medicine, Faculty of Engineering, Chemical and Process Engineering, 2000

Postgraduate, CHARACTERISATION OF SEWAGE AND SEWAGE ODOURS USING AN ELECTRONIC NOSE, University of
Hertfordshire, Faculty of Engineering, Civil Engineering, 1997

Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Water Pollution and
Control, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2012 -
Continues

Associate Professor, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2005 - 2012

Assistant Professor, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2001 - 2005

Academic and Administrative Experience

Director of The Institution, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2024 - Continues

Enstitü Yönetim Kurulu Üyesi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2015 - Continues

Faculty Board Member, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2018 - 2024

Faculty Management Board Member, Yildiz Technical University, Faculty Of Civil Engineering, 2014 - 2024

Head of Department, Yildiz Technical University, 2012 - 2024

Courses

Küresel İklim Değişikliği, Postgraduate, 2020 - 2021

Renewable Energy Systems, Undergraduate, 2017 - 2018

Water Quality Control, Undergraduate, 2017 - 2018

Kirlilik Taşınım Süreçleri, Doctorate, 2017 - 2018

Introduction to Environmental Engineering, Undergraduate, 2017 - 2018

Advising Theses

Engin G., Tekstil Endüstrisi Kaynaklı Atık Masuruların Geri Dönüşüm İle Döngüsel Ekonomiye Kazandırılması, Postgraduate, G.SARAÇ(Student), 2020

Engin G., Anaerobik çürütücü çıkış suyu kullanılarak aktif çamurdan anammox bakterilerinin zenginleştirilmesi, Postgraduate, E.SAĞIR(Student), 2018

Engin G., Süt endüstrisi atıksuyu ile beslenen membran biyoreaktörde çamur karakteri ve arıtma veriminin izlenmesi, Postgraduate, M.SARAL(Student), 2018

ENGİN G., Aerobik Membran Biyoreaktörlerde Farklı Karbon/Azot Oranına Sahip Atıksuların Arıtımı ve Aktif Çamur Özelliklerinin Değişimi, Doctorate, H.Sarı(Student), 2017

Engin G., Treatment of municipal wastewater by membrane bioreactor, Postgraduate, M.TANVIR(Student), 2017

ENGİN G., Efficiency of Quorum Sensing Inhibitors In Membrane Bioreactors, Doctorate, N.Bakaraki(Student), 2017

Engin G., Batık membran biyoreaktör sisteminde aktif çamur reolojisi, Postgraduate, G.GÜNALP(Student), 2016

ENGİN G., Fosfor Kirliliğinin Bir Karar Destek Modeli İle İncelenmesi – Porsuk Baraj Gölü Havzası Örneği, Doctorate, M.ÇELEN(Student), 2016

ENGİN G., Bütünleşik Havza Yönetimi Karar Verme Mekanizmasına Oyun Teorisinin Potansiyel Katkısının Belirlenmesi, Doctorate, N.ÜÇLER(Student), 2016

Engin G., Membran Biyoreaktörde Respirometrik Yöntem ile Kinetik ve Stokiyometrik Parametrelerin Belirlenmesi, Postgraduate, A.ÇAĞLAK(Student), 2015

Engin G., Membran Biyoreaktörde Farklı C/N Oranlarına Sahip Atıksuların Arıtılması, Postgraduate, B.KULİL(Student), 2015

Engin G., Türkiye ve Dünya'da İklim Değişikliği Eylem Planları, Postgraduate, R.Anıl(Student), 2015

Engin G., Entegre Katı Atık Yönetimi: Edremit Örneği, Postgraduate, S.Kaç(Student), 2014

Engin G., İklim Değişikliğinin Su Kaynaklarına Etkisi, Postgraduate, A.Adiller(Student), 2014

Engin G., Püskürtme Çevrimli Reaktörde Kütle Transfer Özelliklerinin Belirlenmesi, Postgraduate, L.Akbulut(Student), 2012

Engin G., Farklı Özellikte Deniz Sularından Entegre Ters Ozmoz Sistemi ile İçme Suyu Eldesi, Postgraduate, E.Güler(Student), 2011

Engin G., Kuru Aktif Çamur Ve Spirulina Platensis Kullanılarak Cu+2 Biyosorpsiyonu, Postgraduate, B.Müftüoğlu(Student), 2010

Engin G., Öncel M. S., Arıtma Çamurlarının Hacminin Azaltılması Ve Yeniden Kullanımının İncelenmesi, Postgraduate, N.Ömürlü(Student), 2010

Engin G., Doğal organik maddelerin adsorpsiyon yöntemi ile giderimi, Postgraduate, G.Şahin(Student), 2009

Engin G., Ardıışık Kesikli Reaktörlerde Organik Madde Giderimi, Postgraduate, Z.Pınar(Student), 2009

Engin G., Dimoglo A., Çevreye Etki Eden Kimyasal Toksik Bileşiklerin Moleküler Modelleme İle İncelenmesi, Postgraduate, Ş.Duran(Student), 2008

Engin G., Aktif Çamur Biyokütlesi Üzerine Farklı Etken Maddelere Sahip Antibiyotik Türlerinin Toksikite Etkisinin Belirlenmesi, Postgraduate, T.Öztürk(Student), 2008

Engin G., Farklı Boy Gruplarında Fitoplanktonik Organizmalar Kullanılarak Atıksulardan Cr+6 Biyosorpsiyonu, Postgraduate, S.Aksoy(Student), 2007

Engin G., Evsel Nitelikli Atıksuların Ters Ozmoz Kullanılarak Geri Kazanımı, Postgraduate, B.Sınmaz(Student), 2007

Engin G., Tekstil Endüstrisinde Kullanılan Çeşitli Boyarmaddelerin Aktif Karbon İle Gideriminin İncelenmesi, Postgraduate, A.Faik(Student), 2007

Engin G., Genetik Algoritmaların Su Kalitesi Optimizasyonunda Kullanılması, Postgraduate, E.Orak(Student), 2006

Engin G., Öztürk M., Biyolojik Sülfid Oksidasyonu ile Sülfid Giderimi, Postgraduate, B.Yavuz(Student), 2004

Engin G., Çevre Mühendisliğinde Bulanık Mantık ve Yapay Sinir Ağı Uygulamaları, Postgraduate, İ.Demir(Student), 2004

Engin G., Hidrotalsit Benzeri Killerle Siyanür Giderimi, Postgraduate, S.Cerrahoğlu(Student), 2004

Engin G., Manyetit ve Manyetit Benzeri Killerin Atıksu Arıtımında Kullanılabilirliği, Postgraduate, Ö.Şahin(Student), 2003

Engin G., Gebze ve Tuzla Bölgelerindeki Yeraltı Sularının İçme ve Kullanma Suyu Temini için Mikrofiltrasyon Membran Teknolojisi ile Arıtlabilirliği, Postgraduate, B.Sadıklar(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Treatment of textile wastewater in a single-step moving bed-membrane bioreactor: Comparison with conventional membrane bioreactor in terms of performance and membrane fouling**
Tecirli E. S., Akgun K., ÇAĞLAK A., SARI ERKAN H., Onkal Engin G.
Water and Environment Journal, vol.38, no.3, pp.465-480, 2024 (SCI-Expanded)
- II. **Oestrone removal by anodic oxidation using different mixed metal oxide anodes and graphite cathode**
Sarı Erkan H., Kara N., Kaska D., Onkal Engin G.
International Journal of Environmental Analytical Chemistry, 2024 (SCI-Expanded)
- III. **Chemical oxygen demand and tannin/lignin removal from paper mill wastewater by electrocoagulation combined with peroxide and hypochlorite treatments**
ÇAĞLAK A., SARI ERKAN H., Onkal Engin G.
Environmental Technology (United Kingdom), vol.45, no.15, pp.3076-3094, 2024 (SCI-Expanded)
- IV. **Microplastics in advanced biological wastewater treatment plant of Kocaeli, Turkey: point source of microplastics reaching Marmara Sea**
SARI ERKAN H., Emik H., Onkal Engin G.
International Journal of Environmental Science and Technology, vol.21, no.2, pp.1263-1284, 2024 (SCI-Expanded)
- V. **Fluoxetine removal by anodic oxidation using different anode materials and graphite cathode**
Sarı Erkan H., Kaska D., Kara N., Onkal Engin G.
Environmental Technology (United Kingdom), vol.45, no.26, pp.5674-5687, 2024 (SCI-Expanded)
- VI. **Removal of two antidepressant active pharmaceutical ingredients from hospital wastewater by polystyrene-coated magnetite nanoparticles-assisted batch adsorption process**
DALGIÇ BOZYİĞİT G., Zaman B. T., ÖZDEMİR O. K., Kılınç Y., Chormey D. S., BAKIRDERE S., ENGİN G.
Environmental Monitoring and Assessment, vol.196, no.1, 2024 (SCI-Expanded)
- VII. **Spatio-temporal distribution of microplastic pollution in surface sediments along the coastal areas of Istanbul, Turkey**
SARI ERKAN H., Takatas B., Ozturk A., GÜNDOĞDU S., AYDIN F., KÖKER DEMO L., ÖZDEMİR O. K., ALBAY M., Onkal Engin G.

Marine Pollution Bulletin, vol.195, 2023 (SCI-Expanded)

- VIII. **Development of a watershed information system for a vulnerable basin: the case of Ergene basin**
Adiller A., ENGİN G.
International Journal of Environmental Science and Technology, vol.20, no.6, pp.6519-6530, 2023 (SCI-Expanded)
- IX. **Characterization and Removal of Microplastics in Landfill Leachate Treatment Plants in Istanbul, Turkey**
Kara N., SARI ERKAN H., ENGİN G.
ANALYTICAL LETTERS, vol.56, no.9, pp.1535-1548, 2023 (SCI-Expanded)
- X. **Contribution for pollution sources and their assessment in urban and industrial sites of Ergene River Basin, Turkey**
Celen M., Oruc H. N., Adiller A., Tore G. Y., Engin G.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.19, no.12, pp.11789-11808, 2022 (SCI-Expanded)
- XI. **Performance evaluation of ceramic membrane bioreactor: effect of operational parameters on micropollutant removal and membrane fouling**
Çağlak A., Chormey D. S., Bakirdere S., Engin G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.45, pp.68306-68319, 2022 (SCI-Expanded)
- XII. **Removal of twelve endocrine disrupting compounds from wastewater using two laboratory-scale batch-type bioreactors**
Chormey D. S., Caglak A., Durak B. Y., Zaman B. T., Engin G., Bakirdere S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.19, no.8, pp.7539-7546, 2022 (SCI-Expanded)
- XIII. **Polystyrene-Coated Magnetite Nanoparticles Based Dispersive Micro-Solid Phase Extraction of Active Pharmaceutical Ingredients of Antidepressant Drugs and Determination by GC-MS**
DALGIÇ BOZYIĞİT G., Zaman B. T., ÖZDEMİR O. K., Kilinc Y., Chormey D. S., ENGİN G., BAKIRDERE S.
CHEMISTRYSELECT, vol.7, no.10, 2022 (SCI-Expanded)
- XIV. **Trace level determination of eleven nervous system-active pharmaceutical ingredients by switchable solvent-based liquid-phase microextraction and gas chromatography-mass spectrometry with matrix matching calibration strategy**
DALGIÇ BOZYIĞİT G., Ayyildiz M. F., Chormey D. S., ENGİN G., BAKIRDERE S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.194, no.2, 2022 (SCI-Expanded)
- XV. **Atrazine: From Detection to Remediation - A Minireview**
Bakaraki Turan N., Zaman B. T., Chormey D. S., Onkal Engin G., BAKIRDERE S.
ANALYTICAL LETTERS, vol.55, no.3, pp.411-426, 2022 (SCI-Expanded)
- XVI. **Decolorization of textile wastewater by electrooxidation process using different anode materials: Statistical optimization**
Turan N. B., SARI ERKAN H., İLHAN F., ENGİN G.
WATER ENVIRONMENT RESEARCH, vol.94, no.1, 2022 (SCI-Expanded)
- XVII. **Removal of selected pesticides, alkylphenols, hormones and bisphenol A from domestic wastewater by electrooxidation process**
Bozyigit G., Ayyildiz M. F., Chormey D. S., Turan N. B., Kapukiran F., Engin G., BAKIRDERE S.
WATER SCIENCE AND TECHNOLOGY, vol.85, pp.220-228, 2022 (SCI-Expanded)
- XVIII. **Microplastic pollution in seabed sediments at different sites on the shores of Istanbul-Turkey: Preliminary results**
SARI ERKAN H., Bakaraki Turan N., ALBAY M., ENGİN G.
Journal of Cleaner Production, vol.328, 2021 (SCI-Expanded)
- XIX. **Current status of studies on microplastics in the world's marine environments**
Bakaraki Turan N., SARI ERKAN H., ENGİN G.
Journal of Cleaner Production, vol.327, 2021 (SCI-Expanded)
- XX. **A review of advantages and challenges of using engineered nanoparticles for waste and wastewater treatments**

SARI ERKAN H., Bakaraki Turan N., Onkal Engin G., BİLGİLİ M. S.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.18, no.10, pp.3295-3306, 2021 (SCI-Expanded)

- XXI. **A preliminary study on the distribution and morphology of microplastics in the coastal areas of Istanbul, the metropolitan city of Turkey: The effect of location differences**
SARI ERKAN H., Turan N. B., Albay M., ENGİN G.
JOURNAL OF CLEANER PRODUCTION, vol.307, 2021 (SCI-Expanded)
- XXII. **Accurate Quantification of Nervous System Drugs in Aqueous Samples at Trace Levels by Binary Solvent Dispersive Liquid-Liquid Microextraction-Gas Chromatography Mass Spectrometry**
Dalgic Bozyigit G., Firat Ayyildiz M., Selali Chormey D., Onkal Engin G., Bakirdere S.
ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY, vol.40, no.6, pp.1570-1575, 2021 (SCI-Expanded)
- XXIII. **Highlighting the cathodic contribution of an electrooxidation post-treatment study on decolorization of textile wastewater effluent pre-treated with a lab-scale moving bed-membrane bioreactor**
Bakaraki Turan N., Sarı Erkan H., İlhan F., Engin G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.1, pp.1-12, 2021 (SCI-Expanded)
- XXIV. **Highlighting the cathodic contribution of an electrooxidation pretreatment study on waste activated sludge disintegration**
Sarı Erkan H., Bakaraki Turan N., Engin G.
Environmental Progress & Sustainable Energy, vol.1, pp.1-14, 2021 (SCI-Expanded)
- XXV. **Microplastics in wastewater treatment plants: Occurrence, fate and identification**
Bakaraki Turan N., Sarı Erkan H., Engin G.
Process Safety And Environmental Protection, no.146, pp.77-84, 2021 (SCI-Expanded)
- XXVI. **Dispersive Liquid-Liquid Microextraction Based Preconcentration of Selected Pesticides and Escitalopram Oxalate, Haloperidol, and Olanzapine from Wastewater Samples Prior to Determination by GC-MS**
DALGIÇ BOZYIĞIT G., Ayyildiz M. F., Chormey D. S., ENGİN G., BAKIRDERE S.
JOURNAL OF AOAC INTERNATIONAL, vol.104, no.1, pp.91-97, 2021 (SCI-Expanded)
- XXVII. **Performance evaluation of conventional membrane bioreactor and moving bed membrane bioreactor for synthetic textile wastewater treatment**
Sarı Erkan H., Çağlak A., Soysalolu A., Takatas B., Onkal Engin G.
JOURNAL OF WATER PROCESS ENGINEERING, vol.38, 2020 (SCI-Expanded)
- XXVIII. **Feasibility Studies on the Effect of Natural Plant Compounds on Sludge Characteristics in a Batch-Type Aerobic Reactor and N-butyryl-L Homoserine Lactone**
Turan N. B., Erkan H., Chormey D. S., Çağlak A., Bakirdere S., Engin G.
ANALYTICAL LETTERS, vol.53, no.15, pp.2431-2444, 2020 (SCI-Expanded)
- XXIX. **A comparative study of waste activated sludge disintegration by electrochemical pretreatment process combined with hydroxyl and sulfate radical based oxidants**
Sarı Erkan H., Engin G.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.8, 2020 (SCI-Expanded)
- XXX. **Preliminary study testing the effects of tea and coffee on sludge characteristics and N-butyryl-L-homoserine lactone in an MBR system**
BAKARAKI TURAN N., CHORMEY D. S., SARI ERKAN H., ÇAĞLAK A., SARAL M., BAKIRDERE S., ENGİN G.
Environmental Technology, vol.41, no.1, pp.2085-2095, 2020 (SCI-Expanded)
- XXXI. **Development of a sensitive and accurate method for the simultaneous determination of selected insecticides and herbicide in tap water and wastewater samples using vortex-assisted switchable solvent-based liquid-phase microextraction prior to determination by gas chromatography-mass spectrometry**
Bozyigit G., Ayyıldız M. F., Chormey D. S., Engin G., Bakirdere S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.192, no.5, 2020 (SCI-Expanded)
- XXXII. **Optimization of atrazine removal from synthetic groundwater by electrooxidation process using titanium dioxide and graphite electrodes**

- Bakaraki Turan N., Sarı Erkan H., Çağlak A., Bakırdere S., Engin G.
Separation Science And Technology, vol.55, no.16, pp.3036-3045, 2020 (SCI-Expanded)
- XXXIII. **Determination of micropollutants in wastewater matrix using gas chromatography-mass spectrometry after optimization of dispersive liquid-liquid microextraction**
ÇAĞLAK A., Chormey D. S., ENGİN G., BAKIRDERE S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.16, no.11, pp.7285-7292, 2019 (SCI-Expanded)
- XXXIV. **Binary dispersive liquid-liquid microextraction strategy for accurate and precise determination of micropollutants in lake, well and wastewater matrices**
Sarı Erkan H., Chormey D. S., Çağlak A., Dalgıç Bozyiğit G., Maltepe E., Engin G., Bakırdere S.
Bulletin Of Environmental Contamination And Toxicology, vol.103, pp.841-847, 2019 (SCI-Expanded)
- XXXV. **Nanoparticles in the aquatic environment: Usage, properties, transformation and toxicity—A review**
BAKARAKI TURAN N., SARI ERKAN H., ENGİN G., BİLGİLİ M. S.
Process Safety And Environmental Protection, vol.130, no.130, pp.238-249, 2019 (SCI-Expanded)
- XXXVI. **Ultrasound-assisted dispersive solid phase extraction based on Fe₃O₄/reduced graphene oxide nanocomposites for the determination of 4-tert octylphenol and atrazine by gas chromatography mass spectrometry**
Er E., ÇAĞLAK A., Engin G., BAKIRDERE S.
MICROCHEMICAL JOURNAL, vol.146, pp.423-428, 2019 (SCI-Expanded)
- XXXVII. **Simultaneous Determination of Fluoxetine, Estrone, Pesticides, and Endocrine Disruptors in Wastewater by Gas Chromatography-Mass Spectrometry (GC-MS) Following Switchable Solvent-Liquid Phase Microextraction (SS-LPME)**
ERARPAT S., ÇAĞLAK A., BODUR S., Chormey S. D., Engin G., BAKIRDERE S.
ANALYTICAL LETTERS, vol.52, no.5, pp.869-878, 2019 (SCI-Expanded)
- XXXVIII. **Performance and activated sludge characteristics at short solid retention time in a submerged MBR: effects of C/N ratio of wastewater**
Sarı Erkan H., Engin G.
Environmental Technology, vol.40, no.1, pp.2085-2092, 2019 (SCI-Expanded)
- XXXIX. **Modeling and optimizing Fenton and electro-Fenton processes for dairy wastewater treatment using response surface methodology**
Kurtoğlu Akkaya G., Sarı Erkan H., Sekman E., Top S., Karaman H., Bilgili M. S., Engin G.
International Journal Of Environmental Science And Technology, no.16, pp.2343-2358, 2018 (SCI-Expanded)
- XL. **The investigation of chemical coagulation and electrocoagulation processes for tannery wastewater treatment using response surface methodology**
Erkan H., Guvenc S., Varank G., Engin G. O.
DESALINATION AND WATER TREATMENT, vol.113, pp.57-73, 2018 (SCI-Expanded)
- XLI. **APPLICATION OF SUBMERGED MEMBRANE BIOREACTOR TECHNOLOGY FOR THE TREATMENT OF HIGH STRENGTH DAIRY WASTEWATER**
Erkan H., Günalp G., Engin G.
BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING, vol.35, no.1, pp.91-100, 2018 (SCI-Expanded)
- XLII. **Preliminary investigation on the optimum ultrasound frequency for the degradation of TNT, RDX, and HMX**
İnce E., İnce M., Engin G., Bayramoğlu M. R.
GLOBAL NEST JOURNAL, vol.19, no.4, pp.733-738, 2017 (SCI-Expanded)
- XLIII. **Optimization of paper mill industry wastewater treatment by electrocoagulation and electro-Fenton processes using response surface methodology**
Guvenc S., ERKAN H., VARANK G., BİLGİLİ M. S., ENGİN G. O.
WATER SCIENCE AND TECHNOLOGY, vol.76, no.8, pp.2015-2031, 2017 (SCI-Expanded)
- XLIV. **The investigation of paper mill industry wastewater treatment and activated sludge properties in a submerged membrane bioreactor**
Erkan H., Engin G. O.

WATER SCIENCE AND TECHNOLOGY, vol.76, pp.1715-1725, 2017 (SCI-Expanded)

- XLV. **Comparison of thermophilic and mesophilic anaerobic treatments for potato processing wastewater using a contact reactor**
İnce E., İNCE M., ENGİN G.
Global Nest Journal, vol.19, no.2, pp.318-326, 2017 (SCI-Expanded)
- XLVI. **Hazardous wastes and waste generation factors for plastic products manufacturing industries in Turkey**
Öncel M. S., Bektaş N., Bayar S., Engin G., Çalışkan Y., Salar L., Yetiş Ü.
SUSTAINABLE ENVIRONMENT RESEARCH, vol.27, no.4, pp.188-194, 2017 (SCI-Expanded)
- XLVII. **The investigation of shale gas wastewater treatment by electro-Fenton process: Statistical optimization of operational parameters**
Turan N. B., ERKAN H., ENGİN G.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.109, pp.203-213, 2017 (SCI-Expanded)
- XLVIII. **Quorum sensing: Little talks for an effective bacterial coordination**
Turan N. B., Chormey D. S., Büyükpınar Ç., Engin G., Bakırdere S.
TrAC - Trends in Analytical Chemistry, vol.91, pp.1-11, 2017 (SCI-Expanded)
- XLIX. **Activated sludge properties in a submerged membrane bioreactor: effect of COD/TKN ratio of wastewater**
Erkan H., Engin G., Kulil B., Günalp G.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.14, pp.933-942, 2017 (SCI-Expanded)
- L. **Wastewater treatment from shale gas operation by Fenton process: a statistical optimization**
ERKAN H., Turan N. B., ENGİN G.
DESALINATION AND WATER TREATMENT, vol.70, pp.125-133, 2017 (SCI-Expanded)
- LI. **Effect of carbon to nitrogen ratio of feed wastewater and sludge retention time on activated sludge in a submerged membrane bioreactor**
Erkan H., Engin G., Ince M., Bayramoglu M. R.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.23, pp.10742-10752, 2016 (SCI-Expanded)
- LII. **Is climate change a threat for water uses in the Mediterranean region? Results from a survey at local scale**
La Jeunesse I., Cirelli C., Aubin D., Larrue C., Sellami H., Afifi S., Bellin A., Benabdallah S., Bird D. N., Deidda R., et al.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.543, pp.981-996, 2016 (SCI-Expanded)
- LIII. **Strength and durability characterization of pelletized coal-biomass household briquettes**
Engin G., Omurlu N., Oncel M. S.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.13, no.2, pp.132-137, 2016 (SCI-Expanded)
- LIV. **Statistical optimization of process parameters for tannery wastewater treatment by electrocoagulation and electro-Fenton techniques**
Varank G., Guvenc S. Y., Gurbuz G., Engin G. O.
DESALINATION AND WATER TREATMENT, vol.57, pp.25460-25473, 2016 (SCI-Expanded)
- LV. **Development of a sensitive liquid-liquid extraction method for the determination of N-butyryl-L-homoserine lactone produced in a submerged membrane bioreactor by gas chromatography mass spectrometry and deuterated anthracene as the internal standard**
Bakaraki N., Chormey D. S., Bakırdere S., Engin G. O.
ANALYTICAL METHODS, vol.8, pp.2660-2665, 2016 (SCI-Expanded)
- LVI. **Game theory and fuzzy programming approaches for bi-objective optimization of reservoir watershed management: a case study in Namazgah reservoir**
Ucler N., Engin G., Köçken H., Oncel M. S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, no.9, pp.6546-6558, 2015 (SCI-Expanded)
- LVII. **COST ANALYSIS OF SEAWATER DESALINATION USING AN INTEGRATED REVERSE OSMOSIS SYSTEM ON A CRUISE SHIP**
Guler E., Engin O. G., Çelen M., Erkan H.

- GLOBAL NEST JOURNAL, vol.17, pp.389-396, 2015 (SCI-Expanded)
- LVIII. **Electrocoagulation of Tannery Wastewater using Monopolar Electrodes: Process Optimization by Response Surface Methodology**
VARANK G., ERKAN H., YAZICI S., DEMİR A., ENGİN G.
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