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Uludağ University Journal of The Faculty of Engineering,<http://dergipark.gov.tr/doi/10.17482/uumfd.306858>
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Harran Üniversitesi Mühendislik Fakültesi Dergisi,<https://dergipark.org.tr/pub/humder/issue/31307/341262>
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Düzce Üniversitesi Bilim ve Teknoloji Dergisi,<https://dergipark.org.tr/tr/pub/dubited/issue/84230/1207875>
- 4 BIODIESEL PRODUCTION METHODS**
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International Journal of Energy and Smart Grid,<https://dergipark.org.tr/en/download/article-file/941575>
- 5 Çamurun Hidrotermal Karbonizasyonu**
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Harran Üniversitesi Mühendislik Dergisi,<https://dergipark.org.tr/tr/download/article-file/624859>
- 6 Disintegration of biological sludge Effects of ozone oxidation and ultrasonic treatment on anaerobic digestibility**
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Bioreosource Technology,
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International Advanced Researches and Engineering Journal,<http://dx.doi.org/10.35860/iarej.1091551>

- 7
- 8 **Effects of Fe₃O₄ magnetic nanoparticles on nitrate removal efficiency: an optimization study using response surface methodology**
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Water Practice and Technology, <https://doi.org/10.2166/wpt.2024.093>
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Desalination and Water Treatment, <http://www.tandfonline.com/doi/abs/10.1080/19443994.2013.801325>
- 10 **Effects of pre-treated sludge on sludge stabilization and electricity generation in microbial fuel cell**
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Environmental Progress & Sustainable Energy, <http://dx.doi.org/10.1002/ep.14119>
- 11 **Effects of the hydrothermal carbonization conditions on the energy yields of hydrochar derived from treatment sludge**
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International Journal of Global Warming,
- 12 **Effects of ultrasound coupled with potassium permanganate pre treatment of sludge on aerobic digestion**
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Advances in Environmental Research,
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International Journal of Engineering Science Invention,
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International Journal of Global Warming, <http://www.inderscience.com/link.php?id=107864>
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Phosphorus, Sulfur, and Silicon and the Related Elements, <http://dx.doi.org/10.1080/10426507.2022.2046579>
- 16 **Fate of return activated sludge after ozonation an optimization study for sludge disintegration**
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Science of The Total Environment, <http://dx.doi.org/10.1016/j.scitotenv.2022.158470>
- 18 **Investigation of GHG emission sources and reducing GHG emissions in a municipal wastewater treatment plant**

- 18 DEMİR ÖZLEM,YAPICIOĞLU PELİN
Greenhouse Gases-Science and Technology,<https://onlinelibrary.wiley.com/doi/abs/10.1002/ghg.1912>
- 19 **Life Cycle Assessment of Sewage Sludge Treatment - An Overview**
YAPICIOĞLU PELİN,DEMİR ÖZLEM
Harran Üniversitesi Mühendislik Dergisi,<https://dergipark.org.tr/tr/pub/humder/issue/31307/341264>
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Çukurova Üniversitesi Mühendislik Fakültesi Dergisi,<http://dx.doi.org/10.21605/cukurovaumfd.982723>
- 21 **Mikrobiyal Yakıt Hücreleri ile Çamur Arıtımı ve Elektrik Üretimi**
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Sinop Üniversitesi Fen Bilimleri Dergisi,
- 22 **Minimizing greenhouse gas emissions of an industrial wastewater treatment plant in terms of water-energy nexus**
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Applied Water Science,<http://dx.doi.org/10.1007/s13201-021-01484-4>
- 23 **Performance of thermophilic anaerobic sludge digester after alkaline-assisted thermal disintegration optimization using response surface methodology**
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WATER AND ENVIRONMENT JOURNAL,<http://doi.wiley.com/10.1111/wej.12357>
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Uludağ Üniversitesi,
- 25 **Pre-treatment of Sludge using Fenton Process**
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International Journal of Engineering Science and Invention,[http://www.ijesi.org/papers/Vol\(8\)i11/Series-2/H0811025358.pdf](http://www.ijesi.org/papers/Vol(8)i11/Series-2/H0811025358.pdf)
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Fresenius Environmental Bulletin,
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Harran Üniversitesi Mühendislik Dergisi,<https://dergipark.org.tr/tr/download/article-file/624864>
- 28 **Sulfite pretreatment on the anaerobic sludge digester for improving methane production and volatile solid reduction**
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Indian Journal of Chemical Technology,
- 29 **Synthesis of Fe₃O₄ Magnetic Nanoparticles and Investigation of Removal Capacity**

- 29 DEMİR ÖZLEM
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN,
- 30 **The investigation of the sludge reduction efficiency and mechanisms in oxic settling anaerobic OSA process**
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Dicle Üniversitesi Fen Bilimleri Enstitüsü Dergisi,<https://dergipark.org.tr/tr/download/article-file/912436>

Bildiriler (YOKSIS)

- 1 **A Case Study of The Green Index Assessment for an Industrial and a Municipal Wastewater Treatment Plant in Turkey**
YAPICIOĞLU PELİN,DEMİR ÖZLEM
7th Global Conference on Global Warming (GCGW-2018) June 24-28, 2018 Izmir, Turkey ,
- 2 **A Case Study Of Water Footprint Assessment For A Meat Processing Wastewater Treatment Plant**
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ICOCEE-2018 3. INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 24-27/04/2018, İzmir,TÜRKİYE ,
- 3 **Aktif çamur ünitelerinde çamur yaşı ile fazla çamur ilişkisi**
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6.GAP Uluslararası Mühendislik Kongresi, 08-10/11/2018, Şanlıurfa/TÜRKİYE ,
- 4 **Alternative Electron Resources in The Treatment of Acidic Mineral Leakage Waterswith Sulphate Reducing Bacteria**
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4TH INTERNATIONAL ENGINEERING AND NATURAL SCIENCES CONFERENCE (IENSC 2019),06-08/11/2019, Diyarbakır/TÜRKİYE ,
- 5 **Annual Greenhouse Gas Emission Estimation of Sludge Treatment in a Municipal Wastewater Treatment Plant: A Case Study**
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ICOCEE -2018 3. INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 24-27/04/.2018, İzmir/TÜRKİYE ,
- 6 **Arıtma Çamurlarının Dezentegrasyonu**
FİLİBELİ AYŞE,ERDEN GÜLBİN,DEMİR ÖZLEM
IWES 2. Atık Teknolojileri Sempozyumu ve Sergisi, 04-05/11/2010, İstanbul/TÜRKİYE ,
- 7 **Aşırı Çamur Üretiminin Kaynakta Azaltılmasına Yönelik Uygulamalar**

- 7 DEMİR ÖZLEM,FİLİBELİ AYŞE
Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu 08, 02-06/11/2008, İstanbul/TÜRKİYE ,
- 8 **Atıksu Arıtma Tesislerinin Sera Gazı Emisyonlarının Minimizasyonu**
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UKSAY, 26-28/10/2016, Malatya, TÜRKİYE ,
- 9 **Atıksuların Yeniden Kullanımına İlişkin Halkın Tutumu:Şanlıurfa İli Örneği**
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International Science, Culture and Academic Research Congress in Global World, 11-12/09/2021,
TÜRKİYE,USA ,
- 10 **Biodiesel Production Methods**
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4TH INTERNATIONAL ENGINEERAND NATURAL SCIENCES CONFERENCE (IENSC 2019), 06-
08/11/2019, Diyarbakır/TÜRKİYE ,
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4TH INTERNATIONAL ENGINEERINGAND NATURAL SCIENCES CONFERENCE (IENSC 2019), 06-
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IWA -PPFW 2017 2nd Regional IWA Symposium on water, wastewater and environment, 22-
24/03/2017, İzmir, TÜRKİYE ,
- 13 **Cathodic Rections in Microbial Fuel Cells**
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IENSC 2018 International Engineering and Natural Sciences Conference, 14-17/11/2018,
Diyarbakır,TÜRKİYE ,
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1.ULUSLARARASI MALATYA UYGULAMALI BİLİMLER KONGRESİ, 0-22/12/2019, Malatya/TÜRKİYE
,
- 15 **Çamurun Hidrotermal Karbonizasyonu**
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6.Uluslararası GAP Mühendislik Kongresi, 08-10/11/2018, Şanlıurfa/TÜRKİYE ,
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International Congress of the New Approaches and Technologies for Sustainable Development, 21-
24.09.2017, Isparta/TÜRKİYE ,

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3.Ulusal Katı Atık Kongresi, 5-27/05/2005, İzmir/TÜRKİYE ,
- 19 Gri Suların Arıtımında İleri Oksidasyon Yöntemleri**
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4.ULUSLARARASI MARDİNARTUKLU BİLİMSELARAŞTIRMALAR KONGRESİ, 07-08/08/2020,
Mardin,TÜRKİYE ,
- 20 Hücre Dışı Azo Boya Oksidasyonu:Biyojenik Sülfür ile Kesikli Reaktörlerde Azo Boyalarının İndirgenmesi**
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6.GAP Uluslararası Mühendislik Kongresi, 08-10/11/2018, Şanlıurfa/TÜRKİYE ,
- 21 Investigation of the Potential of Sewage Sludge as a Renewable Energy Source**
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8th InternationalAdvanced Technologies Symposium(IATS) 2017, 19-22/10/2017, Elazığ/TÜRKİYE ,
- 22 Investigation of Treated Wastewater Usability In Irrigation**
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IENSC 2018 International Engineering and Natural Sciences Conference, 14-17/11/2018,
Diyarbakır/TÜRKİYE ,
- 23 Makroomurgasızlarla Su kalitesinin Belirlenmesi İçin Yeni Bir Biyotik İndeks**
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Çevre Sorunları Sempozyumu, 14-18/05/2008, Kocaeli, ŞANLIURFA ,
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Membran Teknolojileri ve Uygulamaları Sempozyumu, 02-03/11/2019, İstanbul/TÜRKİYE ,
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4th International Water Congress,Water Management in smart cities, 2-4 November 2017, Izmir-TURKEY ,
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4TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENC (ICENS, 2018),
02-06/05/2018, UKRANIA. ,
- 27 Nehirlerde Su Kalitesinin Makro omurgasızlar Kullanılarak Değerlendirmesi**
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GAP V.Mühendislik Kongresi, 27-28/04/2006, Şanlıurfa/TÜRKİYE ,
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4TH INTERNATIONAL ENGINEERINGAND NATURAL SCIENCES CONFERENCE (IENSC 2019), 06-08/11/2019, Diyarbakır/TÜRKİYE ,

- 29 **Performance of Activated Sludge Process Coupled with Ozonation Process for Reduction of Excess Sludge Production**
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8th IWA International Symposium on Waste Management in Agro-Industries, 22-24/06/2011, İzmir/TÜRKİYE ,
- 30 **Photovoltaic Electrocoagulation Process in Wastewater Treatment**
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2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERINGICOCEE – CAPPADOCIA 2017Nevsehir, TURKEY, May 8 - 10, 2017 ,
- 35 **Serbest Amonyak ile Ön Arıtımın Anaerobik Çürütme Performansına Etkileri**
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Şanlıurfa İli Evsel Katı Atık Kompozisyonunun Belirlenmesi 2.Ulusal Katı Atık Kongresi, 07-09/05/2003, İzmir/TÜRKİYE ,
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2nd International Conference on Environmental Science and Technology- ICOEST 2013, 18-21/06/2013, Nevşehir/TÜRKİYE ,
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