

Res. Asst. ECE KENDİR ÇAKMAK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği A.B.D., Turkey 2015 - 2019

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey 2010 - 2013

Undergraduate, Middle East Technical University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Spanish, A1 Beginner

Dissertations

Doctorate, Enzimatik Ön Arıtım ile Mikroalglerden Biyogaz Üretiminin Arttırılması, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2019

Postgraduate, Health risk assessment for the land application of biosolids in Ankara, Turkey: Ingestion pathway, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Çevre Mühendisliği (YI) (Tezli), 2013

Research Areas

Environmental Engineering, Environmental Technology, Environmental Risk Assessment, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2014 - Continues

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Environmental Engineering, 2011 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Adopting citizen science approach for water quality monitoring in Uzungol, Turkey**
Cakmak E., UĞURLU A., ANBAROĞLU B.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.193, no.9, 2021 (SCI-Expanded)
- II. **Enhanced biogas production of red microalgae via enzymatic pretreatment and preliminary economic assessment**
KENDİR ÇAKMAK E., UĞURLU A.
Algal Research, vol.50, 2020 (SCI-Expanded)
- III. **A comprehensive review on pretreatment of microalgae for biogas production**
Kendir E., UĞURLU A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.42, no.12, pp.3711-3731, 2018 (SCI-Expanded)
- IV. **Evaluation of Heavy Metals and Associated Health Risks in a Metropolitan Wastewater Treatment Plant's Sludge for Its Land Application**
KENDİR E., Kentel E., Sanin F.
HUMAN AND ECOLOGICAL RISK ASSESSMENT, vol.21, no.6, pp.1631-1643, 2015 (SCI-Expanded)
- V. **Current Situation and Future Perspectives in Municipal Wastewater Treatment and Sludge Management in Turkey**
İnsel G., KENDİR E., Ayol A., Erdinçler A., Arıkan O., İmamoğlu İ., Alagöz B. A., Gençsoy E. B., Sanin F., Buyukkamaci N., et al.
JOURNAL OF RESIDUALS SCIENCE & TECHNOLOGY, vol.10, no.3, pp.133-138, 2013 (SCI-Expanded)

Books & Book Chapters

- I. **Constructed Wetlands: An emerging phytotechnology for the treatment of industrial wastewaters**
UĞURLU A., KENDİR E., ÇİLİNGİR E. Ç.
in: Recent Advances in Environmental Management, , Editor, CRC Press, NY, pp.317-350, 2018
- II. **Biogas Production from Microalgae**
Cavinato C., UĞURLU A., de Godos I., KENDİR E., Gonzalez Fernandez C.
in: Microalgae-Based Biofuels and Bioproducts,, Cristina Gonzalez Fernandez, Raul Munoz, Editor, Elsevier, pp.155-182, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Enzymatic Pretreatment Conditions and Digestion Temperatures for Enhanced Biogas Production from Red Microalgae**
KENDİR E., UĞURLU A.
EUALGAE Final Conference - European Recent Advances in the Microalgae Field, Madrid, Spain, 26 - 27 February 2019, vol.1, pp.1
- II. **Photocatalytic Treatment of Landfill Leachate Using UV/TiO₂**
ÇİLİNGİR E. Ç., KENDİR E., UĞURLU A.
1st INTERNATIONAL POTABLE WATER AND WASTE WATER SYMPOSIUM, Afyon, Turkey, 6 - 07 December 2018, pp.185-189
- III. **Effect of combined pretreatment on solubilization and biogas production from scenedesmus biomass**
KENDİR E., UĞURLU A.
European Biomass Conference and Exhibition (EUBCE 2018), 14 - 18 May 2018, pp.790-794
- IV. **Land application of sludge Possible health risks and management strategies**
KENDİR E., UĞURLU A.
16th International Congress of Soil Science (ICSS-2016): Healthy Soils for Food Security, Islamabad, Pakistan, 15 - 17 March 2016

Supported Projects

KENDİR ÇAKMAK E., Project Supported by Higher Education Institutions, Atıklardan Uçucu Yağ Asitlerinin Üretiminin Araştırılması, 2019 - 2022

UĞURLU A., KENDİR E., Project Supported by Higher Education Institutions, ENZİMATİK ÖN ARITIM İLE MİKROALGLERDEN BİYOGAZ ÜRETİMİNİN ARTTIRILMASI, 2017 - 2019

UĞURLU A., KENDİR E., ANBAROĞLU B., Ermiş D. E., Project Supported by Higher Education Institutions, Uzungölün Su Kalitesinin İzlenmesinde Sivil Bilim Yaklaşımının İncelenmesi, 2017 - 2019

UĞURLU A., KENDİR E., Project Supported by Higher Education Institutions, Enzimatik Ön Arıtım Yöntemlerinin Mikroalgden Biyogaz Eldesine Etkisinin Araştırılması, 2016 - 2017

KENDİR ÇAKMAK E., Project Supported by Higher Education Institutions, Mikroalglerden Biyogaz Üretiminde Ön Arıtma Yöntemleri, 2016 - 2016

KENDİR ÇAKMAK E., Project Supported by Higher Education Institutions, Arıtma Çamurunun Arazide Kullanımı: Olası Sağlık Riskleri ve Yönetim Stratejileri, 2016 - 2016

KENDİR ÇAKMAK E., Project Supported by Higher Education Institutions, Küresel Ölçekte Çevre Etiği, 2015 - 2015

Metrics

Publication: 12

Citation (WoS): 17

Citation (Scopus): 15

H-Index (WoS): 3

H-Index (Scopus): 3