

Res. Asst. ECE KENDİR ÇAKMAK

Personal Information

Office Phone: +90 312 297 7800 Extension: 125

Email: ecekendir@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/ecekendir>

Address: Hacettepe Üniversitesi Çevre Mühendisliği Bölümü

Education Information

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

Post Graduate, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Çevre Mühendisliği, Turkey 2010 - 2013

Under Graduate, Orta Doğu Teknik Üniversitesi, 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

Post Graduate, 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, Hacettepe Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2014 - Continues

Research Assistant, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2011 - 2014

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

- I. **Enhanced biogas production of red microalgae via enzymatic pretreatment and preliminary economic assessment**
KENDİR ÇAKMAK E., UĞURLU A.
Algal Research, vol.50, 2020 (Journal Indexed in SCI Expanded)
- II. **A comprehensive review on pretreatment of microalgae for biogas production**
Kendir E., UĞURLU A.

INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.42, pp.3711-3731, 2018 (Journal Indexed in SCI)

III. 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, pp.1631-1643, 2015 (Journal Indexed in SCI)

IV. 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, pp.133-138, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Biogas production from microalgae

Cavinato C., UĞURLU A., de Godos I., Kendir E., Gonzalez-Fernandez C.

MICROALGAE-BASED BIOFUELS AND BIOPRODUCTS: FROM FEEDSTOCK CULTIVATION TO END-PRODUCTS, pp.155-182, 2017 (Refereed Journals of Other Institutions)

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. 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

II. 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

Supported Projects

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

Citations

Total Citations (WOS):23

h-index (WOS):3