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Personal Information

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey
2015 - 2022

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey
2013 - 2015

Undergraduate, Suleyman Demirel University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2005 - 2009

Dissertations

Doctorate, Endokrin Bozucu Bileşiklerin Evsel Atıksulardan MBR ile Giderimine İşletme Şartlarının Etkisinin Araştırılması, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, 2022

Postgraduate, Membran biyoreaktörde respirometrik yöntem ile kinetik ve stokiyometrik katsayıların belirlenmesi , Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Çevre Mühendisliği, 2015

Research Areas

Environmental Engineering, Environmental Technology, Water Pollution and Control, Water Supply and Treatment, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Çevre Mühendisliği, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **Performance evaluation of conventional membrane bioreactor and moving bed membrane bioreactor for synthetic textile wastewater treatment**
Sarı Erkan H., Çağlak A., Soysaloglu A., Takatas B., Onkal Engin G.
JOURNAL OF WATER PROCESS ENGINEERING, vol.38, 2020 (SCI-Expanded)
- III. **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., Bakırdere S., Engin G.
ANALYTICAL LETTERS, vol.53, no.15, pp.2431-2444, 2020 (SCI-Expanded)

IV. Removal of Selected Micropollutants from Synthetic Wastewater by Electrooxidation Using Oxidized Titanium and Graphite Electrodes

Turan N. B., ÇAĞLAK A., BAKIRDERE S., Engin G. Ö.
Clean - Soil, Air, Water, vol.48, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. Application of an airlift internal circulation membrane bioreactor for the treatment of textile wastewater

ÇAĞLAK A., BAKARAKI TURAN N., SARI ERKAN H., ENGİN G.
Environmental Research & Technology, vol.5, pp.24-32, 2022 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. Performance Comparison of Conventional Membrane Bioreactor and Moving Bed Membrane Bioreactor for the Treatment of Synthetic Textile Wastewater

SOYSALOĞLU A., TAKATAŞ B., SARI ERKAN H., ÇAĞLAK A., ENGİN G.
5th EurAsia Waste Management Symposium (EWMS) 2020, 26 - 28 October 2020

II. Micropollutants Removal in Submerged Membrane Bioreactors at Different SRT Values and Variations of Extracellular Polymeric Substances

ÇAĞLAK A., SARI ERKAN H., ENGİN G.
11th Eastern European Young Water Professionals Conference, Prag, Czech Republic, 1 - 05 October 2019, pp.288-294

Supported Projects

ENGİN G., ÇAĞLAK A., Project Supported by Higher Education Institutions, İz Organik Mikrokirleticilerinin Membran Biyoreaktörde Arıtılabilirliğinin İncelenmesi, 2019 - 2021

Metrics

Publication: 15
Citation (WoS): 49
Citation (Scopus): 68
H-Index (WoS): 4
H-Index (Scopus): 4

Non Academic Experience

Business Establishment Private, Er Esila Çevre Danışmanlık Lab Ltd.Şti
Business Establishment Private, Yeşilyurt Tat