

Asst. Prof. GÖKHAN BALCIOĞLU

Personal Information

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International Researcher IDs

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Education Information

Associate Degree, Anadolu University, Açıköğretim Fakültesi, MÜLKİYET KORUMA VE GÜVENLİK BÖLÜMÜ, Turkey 2019 - 2021

Doctorate, Istanbul University, Fen Bilimleri, Çevre Mühendisliği, Turkey 2014 - 2019

Postgraduate, Istanbul University, Fen Bilimleri, Çevre Mühendisliği, Turkey 2011 - 2013

Undergraduate, Cukurova University, Mühendislik-Mimarlık, Çevre Mühendisliği, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Şekerleme endüstrisi atıksuyunun anaerobik membran biyoreaktörde arıtımı ve membran kirlenme mekanizmalarının incelenmesi, Istanbul University, 2019

Postgraduate, Biyolojik olarak arıtılmış ekmeğ mayası endüstrisi atıksularının ileri arıtım alternatiflerinin incelenmesi, Istanbul University, 2013

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Technology, Chemistry

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF FINE ARTS, INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN, 2023 - Continues

Assistant Professor, Antalya Akev University, 2020 - 2022

Lecturer, Halic University, 2019 - 2021

Lecturer, Antalya Akev University, 2020 - 2020

Academic and Administrative Experience

Head of Department, Istanbul Gelisim University, FACULTY OF FINE ARTS, INTERIOR ARCHITECTURE, 2024 - Continues
Director of Vocational School, Antalya Akev University, 2021 - 2022
Assistant Director of Vocational School, Antalya Akev University, 2021 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of powdered activated carbon addition on membrane performance and fouling in anaerobic membrane bioreactor**
BALCIOĞLU G., VERGİLİ İ., ÖZÇELEP Z. B., YILMAZ G., Bacaksız A., KAYA Y.
International Journal of Environmental Science and Technology, vol.20, no.3, pp.3191-3204, 2023 (SCI-Expanded)
- II. **Evaluation of anaerobic membrane bioreactor (AnMBR) treating confectionery wastewater at long-term operation under different organic loading rates: Performance and membrane fouling**
BALCIOĞLU G., YILMAZ G., ÖZÇELEP Z. B.
Chemical Engineering Journal, vol.404, 2021 (SCI-Expanded)
- III. **Determination on inhibition effects of coagulants used in wastewater treatment plants on anaerobic digester**
TÜRKOĞLU DEMİRKOL G., BALCIOĞLU G., Öz N., Elnekave M., ARMAĞAN B., TÜFEKÇİ N.
Water Science and Technology, vol.82, no.9, pp.1877-1884, 2020 (SCI-Expanded)
- IV. **An integrated electrocoagulation–nanofiltration process for carwash wastewater reuse**
ÖZÇELEP Z. B., BALCIOĞLU G., VERGİLİ İ., KAYA Y.
Chemosphere, vol.253, 2020 (SCI-Expanded)
- V. **Treatment of carwash wastewater by electrocoagulation using Ti electrode: optimization of the operating parameters**
ÖZÇELEP Z. B., BALCIOĞLU G., KAYA Y., VERGİLİ İ.
International Journal of Environmental Science and Technology, vol.16, no.12, pp.8041-8052, 2019 (SCI-Expanded)
- VI. **Baker's yeast wastewater advanced treatment using ozonation and membrane process for irrigation reuse**
BALCIOĞLU G., ÖZÇELEP Z. B.
Process Safety and Environmental Protection, vol.117, pp.43-50, 2018 (SCI-Expanded)
- VII. **Electrochemical treatment of carwash wastewater using Fe and Al electrode: Techno-economic analysis and sludge characterization**
ÖZÇELEP Z. B., BALCIOĞLU G., VERGİLİ İ., KAYA Y.
Journal of Environmental Management, vol.200, pp.380-390, 2017 (SCI-Expanded)
- VIII. **Recovery of baker's yeast wastewater with membrane processes for agricultural irrigation purpose: Fouling characterization**
BALCIOĞLU G., ÖZÇELEP Z. B.
Chemical Engineering Journal, vol.255, pp.630-640, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Katı Atık Depolama Alanlarında Sızıntı Suyunun Killi Zeminden Geçerken Adsorpsiyonunun İncelenmesi**
TÜRKOĞLU DEMİRKOL G., BALCIOĞLU G., GÜNEŞ DURAK S., ORMANCI ACAR T.
Nevşehir Bilim ve Teknoloji Dergisi, vol.6, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Organic Loading Rate (OLR) on Treatment and Filtration Performance of Anaerobic Membrane Bioreactor (AnMBR) Treating Confectionery Wastewater: Evaluation of Membrane Fouling,**
BALCIOĞLU G., ÖZÇELEP Z. B.
6th MEMTEK International Symposium on Membrane Technologies and Applications, İstanbul, Turkey, 18 - 20 November 2019, pp.60-63
- II. **Advanced treatment of carwash wastewater with the combination of electrocoagulation and nanofiltration process**
ÖZÇELEP Z. B., BALCIOĞLU G., VERGİLİ İ., KAYA Y.
CITEM 2016-IX Ibero- American Congress on Membrane Science and Technology, Mexico City, Mexico, 22 June 2016, pp.16
- III. **Anaerobik Membran Biyoreaktörde (AnMBR) Akı ve Performansın Toz Aktif Karbon (TAK) İlavesi İle İyileştirilmesi**
KAYA Y., BALCIOĞLU G., ÖZÇELEP Z. B., VERGİLİ İ., YILMAZ G.
4. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, 07 October 2015

Scientific Refereeing

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, March 2024

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, March 2024

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, February 2024

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, January 2024

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, November 2023

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, October 2023

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, September 2023

WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, August 2023