

Asst. Prof. CEREN OKTAR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AID-4021-2022

ScopusID: 57195063571

Yoksis Researcher ID: 133534

Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2003 - 2007

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2001 - 2003

Undergraduate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Separation of chromate and borate anions by polymer enhanced ultrafiltration from aqueous solutions employing specifically tailored polymers, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, 2007

Postgraduate, Comparative analysis of product and by-product distributions in defined and complex media in serine alkaline protease production by recombinant *Bacillus subtilis*, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, 2003

Research Areas

Environmental Engineering, Chemical Engineering and Technology, Chemistry, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Bilimleri Enstitüsü, İleri Teknolojiler Anabilim Dalı (Disiplinlerarası), 2008 - Continues

Courses

Lisans Araştırma Projesi, Undergraduate, 2017 - 2018
Yeni Nesil Polimerik Malzemeler ve Endüstriyel Uygulama Alanları, Postgraduate, 2017 - 2018, 2016 - 2017
Lisans Araştırma Projesi, Undergraduate, 2017 - 2018
New Separation Techniques, Undergraduate, 2017 - 2018
Kimya Mühendisliği Temel Prensipleri, Undergraduate, 2017 - 2018
Bitirme Ödevi, Undergraduate, 2017 - 2018
Yeni Ayırma Teknikleri, Undergraduate, 2017 - 2018
Kimya Mühendisliği Laboratuvarı II, Undergraduate, 2017 - 2018, 2016 - 2017
Fizikokimya, Undergraduate, 2017 - 2018
Kimya Mühendisliği Laboratuvarı III, Undergraduate, 2017 - 2018
Akışkanlar Mekaniği, Undergraduate, 2017 - 2018, 2016 - 2017
Isı Aktarımı, Undergraduate, 2016 - 2017
Biyokimyaya Giriş, Undergraduate, 2016 - 2017
Bitirme Projesi, Undergraduate, 2016 - 2017

Advising Theses

HAKTANIR C., The Effect Of Modified Alkyd Resin Molecular Weight On The Characterization Of Resin And Coat And Investigation, Postgraduate, N.BALKAN(Student), 2021
HAKTANIR C., Recovery Of Boron From Waste Water Using Composite Cryogels And Characterisation, Postgraduate, H.Dilara(Student), 2019
HAKTANIR C., Atık sulardan bor ayırımı için kompozit kriyojel sisteminin sentezi ve karakterizasyonu, Postgraduate, H.DİLARA(Student), 2019
HAKTANIR C., Synthesis, Characterization And Drug Delivery Applications Of Biocompatible Microsphere-Cryogel Composite System, Postgraduate, B.YAVUZ(Student), 2018
HAKTANIR C., Synthesis And Characterization Of Cryogel-Fungi Composite System For Textile Dye Removal From Waste Water, Postgraduate, S.AYDIN(Student), 2018
HAKTANIR C., Synthesis And Characterization Of Modified Fungi-Cryogel Composite System For Heavy Metal Removal From Waste Water, Postgraduate, N.Korkmaz(Student), 2017
HAKTANIR C., Atık sulardan ağır metal iyonlarını uzaklaştırmak için modifiye edilmiş mantar-kriyojel kompozit adsorbentlerinin sentezi ve karakterizasyonu, Postgraduate, N.KORKMAZ(Student), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Preparation of biocompatible microsphere-cryogel composite system and controlled release of mupirocin**
Yavuz B., Kondolot Solak E., Oktar C.
International Journal of Polymeric Materials and Polymeric Biomaterials, vol.73, no.5, pp.354-361, 2024 (SCI-Expanded)
- II. **Removal of hexavalent chromium anions via polymer enhanced ultrafiltration using a fully ionized polyelectrolyte**
HAKTANIR C., Ozbelge H. O., Bicak N., YILMAZ L.
SEPARATION SCIENCE AND TECHNOLOGY, vol.52, no.15, pp.2487-2497, 2017 (SCI-Expanded)
- III. **Use of Specifically Tailored Chelating Polymers for Boron Removal from Aqueous Solutions by Polymer Enhanced Ultrafiltration**
Doganay C., Ozbelge H. O., Bicak N., AYDOĞAN N., YILMAZ L.
SEPARATION SCIENCE AND TECHNOLOGY, vol.46, no.4, pp.581-591, 2011 (SCI-Expanded)
- IV. **Selective mercury uptake by polymer supported hydroxyethyl sulfonamides**
Oktar C., YILMAZ L., Ozbelge H. O., Bicak N.

REACTIVE & FUNCTIONAL POLYMERS, vol.68, no.4, pp.842-850, 2008 (SCI-Expanded)

V. Removal and recovery of metal anions via functional polymer based PEUF

Doganay C., Ozbelge H. O., YILMAZ L., Bicak N.

DESALINATION, vol.200, pp.286-287, 2006 (SCI-Expanded)

VI. Protein-based complex medium design for recombinant serine alkaline protease production

ÇALIK P., Celik E., Telli I., Oktar C., Ozdemir E.

ENZYME AND MICROBIAL TECHNOLOGY, vol.33, no.7, pp.975-986, 2003 (SCI-Expanded)

Articles Published in Other Journals

I. Removal of Dyes from Aqueous Solution Using Activated Carbon Embedded Cryogels

HAKTANIR C.

Hacettepe Journal of Biology and Chemistry, vol.48, no.2, pp.171-177, 2020 (Peer-Reviewed Journal)

II. Removal of Heavy Metals From Aqueous Solution Using Activated Carbon Embedded Cryogels

HAKTANIR C.

Hacettepe Journal of Biology and Chemistry, vol.45, no.1, pp.135-142, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Propolis Yüklü Mikroküreler ile Modifiye Edilmiş Kriyojel Membranlardan Kontrollü İlaç Salımı

HAKTANIR C., Çayhan H.

II. Ulusal Mühendislikte Bilimsel ve Mesleki Çalışmalar Kongresi, Turkey, 7 - 10 November 2019

II. Atık Sulardan Boya Giderimi için Mantar-Kriyojel Kompozit Sisteminin Sentezi ve Karakterizasyonu

HAKTANIR C.

Kromatografi XIX, Turkey, 12 - 14 June 2019

III. Atık Sulardan Borun Aktif Karbon ile Modifiye Edilmiş Kriyojeller ile Geri Kazanımı

HAKTANIR C., Girgin H. D.

BORON 2019, 17 - 19 April 2019

IV. Aktif Karbon Gömülü Kriyojellerin Sentezi ve Karakterizasyonu

HAKTANIR C.

UKMK 2017, Turkey, 23 - 26 August 2016

V. Biyouyumlu Kriyojellerin Sentezi, Karakterizasyonu ve İlaç Salım Uygulamaları

HAKTANIR C., Yavuz B.

UKMK 12, Turkey, 23 - 26 August 2016

VI. Removal of Heavy Metals Using Fungi Embedded Cryogel Membranes

HAKTANIR C., Koçak N.

PPM, 15 - 18 September 2015

VII. Tekstil Atık Sularındaki Boyar Maddelerin Kriyojel-Maya Kompozit Sistemi ile Giderimi

HAKTANIR C., Aydın S.

27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

VIII. Continuous Boron Removal from Water by Specifically Synthesized Polymers via Polymer Enhanced Ultrafiltration

Zerze H., HAKTANIR C., YILMAZ L., ÖZBELGE Ö., BIÇAK N.

PERMEA 2009, 7 - 11 June 2009

IX. Kromat Anyonunun Suda Çözünebilen Bir İşlevsel Polimer Kullanarak Polimer Komplekslemeli Ultrafiltrasyon ile Çözümlerden Ayrılması

HAKTANIR C., ÖZBELGE Ö., BIÇAK N., YILMAZ L., Zerze H.

UKMK 8, Turkey, 26 - 29 August 2008

X. Borat Anyonunun Özel Olarak Sentezlenmiş Polimerler Kullanılarak Polimer Komplekslemeli

Ultrafiltrasyon ile Sulu Çözeltilerden Ayrılması

HAKTANIR C., YILMAZ L., ÖZBELGE Ö., BIÇAK N., Zerze H.

UKMK 8, Turkey, 26 - 29 August 2008

- XI. **Removal of Borate Anions via Polymer Enhanced Ultrafiltration and Characterization of Polymer and Borate Interactions by Light Scattering**
HAKTANIR C., YILMAZ L., ÖZBELGE Ö., BIÇAK N.
EWM 2008, 25 - 28 May 2008
- XII. **Removal and Recovery of Hexavalent Chromium Anions from Aqueous Solutions via Polymer Enhanced Ultrafiltration using a Specifically Synthesized Polyelectrolyte**
HAKTANIR C., YILMAZ L., ÖZBELGE Ö., BIÇAK N.
EMCC 5, 24 - 29 May 2008
- XIII. **Use of Functional Polymers in the Removal and Recovery of Metal Anions from Waste Water**
HAKTANIR C., YILMAZ L., ÖZBELGE Ö., BIÇAK N.
METEAU International Conference, 24 - 26 October 2007
- XIV. **Metal Anyonların İşlevsel Polimerler Kullanılarak Polimer Komplekslemeli Ultrafiltrasyon ile Ayırımı ve Geri Kazanımı**
HAKTANIR C., ÖZBELGE Ö., YILMAZ L., BIÇAK N.
UKMK 7, Turkey, 5 - 08 September 2006
- XV. **Ion Exchange of Lead and Cadmium in Western Anatolia Clinoptilolite**
Yağız M., Çulfaz M., Haktanır C.
EMCC-2, Ankara, Turkey, 20 - 24 May 2001

Supported Projects

OKTAR C., Project Supported by Higher Education Institutions, Sulardan Endokrin Bozucuların Uzaklaştırılması için

Bakteriyel Selüloz Nanofiberlerin Kullanımı, 2020 - 2023

OKTAR C., Project Supported by Higher Education Institutions, Atık Sulardan Boya Uzaklaştırılması İçin Modifiye Edilmiş

Manyetik Maya-Kriyojel Kompozit Adsorbentlerin Sentezi ve Karakterizasyonu, 2011 - 2012

Metrics

Publication: 23

Citation (WoS): 58

Citation (Scopus): 70

H-Index (WoS): 5

H-Index (Scopus): 5