

Assoc. Prof. SEVGİ ASLİYÜCE ÇOBAN

Personal Information

Office Phone: [+90 312 297 7963](tel:+903122977963)

Email: sevgi@hacettepe.edu.tr

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

International Researcher IDs

ORCID: 0000-0003-0002-0856

Publons / Web Of Science ResearcherID: HSG-0206-2023

Yoksis Researcher ID: 168869

Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Kimya/Biyokimya, Turkey 2009 - 2015

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Protein A baskılanmış süpermakrogözenekli poli (hidroksietil-metakrilat) kriyojeller, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2015

Research Areas

Chemistry, Biochemistry, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2008 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Recent Advances in Optical Sensing for the Detection of Microbial Contaminants**
İDİL N., Aslyüce S., PERÇİN DEMİRÇELİK I., Mattiasson B.
Micromachines, vol.14, no.9, 2023 (SCI-Expanded)
- II. **Screening the heavy metal removal capacity of magnetically modified fungal biosorbent**
Aslyüce S.
Chemical Papers, vol.77, no.8, pp.4331-4344, 2023 (SCI-Expanded)
- III. **Upgrading of bio-separation and bioanalysis using synthetic polymers: Molecularly imprinted polymers (MIPs), cryogels, stimuli-responsive polymers**

- ASLİYÜCE ÇOBAN S., İDİL N., Mattiasson B.
ENGINEERING IN LIFE SCIENCES, vol.22, no.3-4, pp.204-216, 2022 (SCI-Expanded)
- IV. Beauvericin purification from fungal strain using molecularly imprinted cryogels
ULUSOY M., ASLİYÜCE ÇOBAN S., KESKİN N., DENİZLİ A.
PROCESS BIOCHEMISTRY, vol.113, pp.185-193, 2022 (SCI-Expanded)
- V. Molecularly imprinted nanofilms for endotoxin detection using an surface plasmon resonance sensor
ÇİMEN D., ASLİYÜCE ÇOBAN S., TANALP T. D., DENİZLİ A.
ANALYTICAL BIOCHEMISTRY, vol.632, 2021 (SCI-Expanded)
- VI. Heavy metal removal with magnetic coffee grain
ASLİYÜCE ÇOBAN S., Safarik I., DENİZLİ A.
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.1, pp.157-166, 2021 (SCI-Expanded)
- VII. Preparation of lysozyme loaded gelatin microcryogels and investigation of their antibacterial properties
ÇETİN K., ASLİYÜCE ÇOBAN S., İDİL N., DENİZLİ A.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.32, no.2, pp.189-204, 2021 (SCI-Expanded)
- VIII. Combined protein A imprinting and cryogelation for production of spherical affinity material
ASLİYÜCE ÇOBAN S., Mattiasson B., DENİZLİ A.
BIOMEDICAL CHROMATOGRAPHY, vol.33, no.10, 2019 (SCI-Expanded)
- IX. Synthesis and use of protein G imprinted cryogel as affinity matrix to purify protein G from cell lyaste
Asliyuce S., Mattiasson B., Mamo G.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1021, pp.204-212, 2016 (SCI-Expanded)
- X. Immunoglobulin G recognition with F-ab fragments imprinted monolithic cryogels: Evaluation of the effects of metal-ion assisted-coordination of template molecule
ASLİYÜCE ÇOBAN S., UZUN L., SAY R., DENİZLİ A.
REACTIVE & FUNCTIONAL POLYMERS, vol.73, no.6, pp.813-820, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. Molecular Imprinting Technology for Biomimetic Assemblies
BERELİ N., AKGÖNÜLLÜ S., ASLİYÜCE ÇOBAN S., ÇİMEN D., GÖKTÜRK BAŞAL I., TÜRKMEN D., YAVUZ ALAGÖZ H., DENİZLİ A.
Hacettepe Journal of Biology and Chemistry, vol.48, no.5, pp.575-601, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

- I. MASS TRANSFER IN CRYOGELS
BATTAL D., AKGÖNÜLLÜ S., ÇİMEN D., SAYLAN Y., ASLİYÜCE ÇOBAN S., DENİZLİ A.
in: CRYOGELS AND MONOLITHS, MATTIASSON B., DENİZLİ A., Editor, PALME DİZGİ-GRAFİK BİRİMİ, Ankara, pp.181-188, 2019

Supported Projects

ASLİYÜCE ÇOBAN S., ulusoy m., KESKİN N., Project Supported by Higher Education Institutions, Entomopatojen Fungusların Sentezlediği Beauverisinin Bazi Tarm Zararlıları Üzerindeki Etkisinin Araştırılması, 2019 - 2020
ASLİYÜCE ÇOBAN S., ÇETİN K., Project Supported by Higher Education Institutions, Biyobozunur Antibakteriyel

Mikrokriyojellerin Sentezlenmesi ve Kontrollü Salım ve Antibakteriyel Özelliklerinin İncelenmesi, 2017 - 2019
ASLİYÜCE ÇOBAN S., DENİZLİ A., Project Supported by Higher Education Institutions, Siyanür yıkımı için Trichoderma spp. gömülü süpermakrogözenekli kriyojeller, 2017 - 2017
ASLİYÜCE ÇOBAN S., Project Supported by Higher Education Institutions, PROTEİN A BASKILANMIŞ SÜPERMAKROGÖZENEKLİ POLİ HİDROKSİETİLMETAKRİLAT KİRİYOJELLER, 2016 - 2016

Metrics

Publication: 12

Citation (WoS): 36

Citation (Scopus): 41

H-Index (WoS): 2

H-Index (Scopus): 2