

## **Personal Information**

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## **Education Information**

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği A.B.D., Turkey 2013 - 2021

Undergraduate, Anadolu University, Faculty Of Engineering, Kimya Mühendisliği, Turkey 2006 - 2010

## **Foreign Languages**

English, C1 Advanced

## **Research Areas**

Chemical Engineering and Technology, Biotechnology, Biotechnological Processes and Fermentation Technology, Chemical Technologies, Polymer Technology, Engineering and Technology

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Enhanced production of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) biopolymer by recombinant *Bacillus megaterium* in fed-batch bioreactors**  
AKDOĞAN M., Çelik E.  
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.44, no.2, pp.403-416, 2021 (SCI-Expanded)
- II. **Purification and characterization of polyhydroxyalkanoate (PHA) from a *Bacillus megaterium* strain using various dehydration techniques**  
AKDOĞAN M., Çelik E.  
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.93, no.8, pp.2292-2298, 2018 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Production and characterization of poly 3 hydroxybutyrate PHB under different dehydration techniques by *Bacillus megaterium* strain**  
AKDOĞAN M., ÇELİK AKDUR E.  
15th International Symposium on Biopolymers, 26 - 29 September 2016, vol.1

## **supported Projects**

ÇELİK AKDUR E., AKDOĞAN M., Project Supported by Higher Education Institutions, Rekombinant Bacillus megaterium ile Biyopolimer Üretimi ve Karakterizasyonu, 2016 - 2019

## **Scientific Refereeing**

JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, SCI Journal, November 2021

## **Metrics**

Publication: 3

Citation (WoS): 20

Citation (Scopus): 22

H-Index (WoS): 2

H-Index (Scopus): 2