

Res. Asst. PhD MURAT AKDOĞAN

Personal Information

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International Researcher IDs

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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., Celik 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., Celik E.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.93, no.8, pp.2292-2298, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Producton and chracterization of poly 3 hydroxybutyrate PHB under different dehydrattion 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