Res. Asst. Cansu Ülker Turan

Personal Information

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Publons / Web Of Science ResearcherID: ABF-1473-2020
ScopusID: 55027715400
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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 2015 - Continues
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey 2013 - 2015
Undergraduate Minor, Istanbul Technical University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, Turkey 2010 - 2014
Undergraduate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2009 - 2013

Foreign Languages

English

Dissertations

Postgraduate, Immobilization of lipase on an inorganic support material and polycaprolactone synthesis, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, 2015

Research Areas

Chemical Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Fabrication and characterization of electrospun biopolyester/gelatin nanofibers**
Ülker Turan C., Guvenilir Y.

JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.109, no.10, pp.1478-1487, 2021 (SCI-Expanded)

II. **Performance comparison of commercial and home-made lipases for synthesis of poly(δ-valerolactone) homopolymers**
Ulker C., Gok Z., Guvenilir Y.
Journal of Renewable Materials, vol.7, no.4, pp.335-343, 2019 (SCI-Expanded)

III. **Enzymatic synthesis and characterization of polycaprolactone by using immobilized lipase onto a surface-modified renewable carrier**
Ulker C., GOKALP N., GUVENILIR Y.
Polish Journal of Chemical Technology, vol.18, no.3, pp.134-140, 2016 (SCI-Expanded)

IV. **Immobilization of Candida antarctica lipase B (CALB) on surface-modified rice husk ashes (RHA) via physical adsorption and cross-linking methods**
Ulker C., GOKALP N., Guvenilir Y.
Biocatalysis and Biotransformation, vol.34, no.4, pp.172-180, 2016 (SCI-Expanded)

V. **Synthesis of polycaprolactone via ring opening polymerization catalyzed by Candida antarctica lipase B immobilized onto an amorphous silica support**
Gokalp N., Ulker C., Guvenilir Y. A.
Journal of Polymer Materials, vol.33, no.1, pp.87-100, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **Enzymatic ring opening polymerization of ε-caprolactone by using a novel immobilized biocatalyst**
GÖKALP N., ÜLKER C., GÜVENİLİR F. Y.
Advanced Materials Letters, vol.7, no.2, pp.144-149, 2016 (Scopus)

II. **Poly (ε-caprolactone) synthesis by a novel enzymatic catalyst: Candida antarctica lipase B (CALB) immobilized on a modified silica-based material by physical adsorption**
ÜLKER C., GÖKALP N., GÜVENİLİR F. Y.
Advanced Materials Letters, vol.7, no.1, pp.54-59, 2016 (Scopus)

Metrics

Publication: 25
Citation (WoS): 46
Citation (Scopus): 103
H-Index (WoS): 3
H-Index (Scopus): 6