

Lect. PhD BERAT ÇINAR ACAR

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2012 - 2018

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2012

Dissertations

Doctorate, Endüstriyel Atık Sulardan Biyoremediasyon ile Kromun Detoksifikasyonu, Doğal ve Kimyasal/Biyolojik Yöntemlerle Modifiye Edilmiş Kil Üzerine Krom Adsorpsiyonunun Merkezi Kompozit Tasarım Yöntemi Kullanılarak İncelenmesi, Gazi University, Fen Bilimleri Enstitüsü, 2018

Postgraduate, Lactobacillus ve Bifidobacterium Cinsi Bakterilerin Beta-Glukozidaz Enzim Aktivitesi ve İzoflavon Hidrolizi, Gazi University, Fen Bilimleri Enstitüsü, 2012

Research Areas

Biotechnology, Environmental Biology, Microbiology, Molecular Biology and Genetics

Academic Titles / Tasks

Lecturer PhD, Gazi University, Fen Fakültesi, Biyoloji, 2021 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **beta-Glucosidase activity and bioconversion of isoflavone glycosides to aglycones by potential probiotic bacteria**
Yüksekdağ Z., Acar B., Ashım B., Tukenmez U.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, 2018 (Journal Indexed in SCI)
- II. **Probiotic properties of lactobacilli species isolated from children's feces**
Tulumoglu S., Yuksekdağ Z., Beyatli Y., Şimşek Ö., Cinar B., Yasar E.
ANAEROBE, vol.24, pp.36-42, 2013 (Journal Indexed in SCI)
- III. **Beta-glucosidase activities of Lactobacillus spp**
Cinar B., Yüksekdağ Z., Kilic Y.
NEW BIOTECHNOLOGY, vol.29, 2012 (Journal Indexed in SCI)
- IV. **Cementation in a matrix of loose sandy soil using biological treatment method**
Gurbuz A., Sarı Y. D. , Yuksekdağ Z., Cinar B.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.10, no.38, pp.7432-7440, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Kimyasal Yöntemlerle Atık Sulardan Ağır Metal Giderimi

Çınar Acar B., Acar M. B.

Gazi Üniversitesi Fen Fakültesi Dergisi, vol.3, no.1, pp.1-13, 2022 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Bioremediation and Thermodynamics/Kinetic Study of Cr(III) Adsorption onto Modified Clay by Using Composite Design Method.

Çınar Acar B., Acar M. B.

V. International Leather Engineering Congress Innovative Aspects for Leather Industry, İzmir, Turkey, 10 October 2019

II. Reduction of Hexavalent Chromium by Bacteria and Investigation of Chromium (III) Adsorption

Çınar Acar B., Acar M. B., Yüksekdağ Z.

International Eurasian Conference on Biological and Chemical Sciences (Eurasian BioChem 2018), Ankara, Turkey, 26 April 2018

III. Investigation of chromium (vi) adsorption on acid treated bentonite using central composite design

Çınar Acar B., Yüksekdağ Z., Acar M. B., Çetinkaya B.

International Eurasian Conference on Biological and Chemical Sciences (Eurasian BioChem 2018), Ankara, Turkey, 26 April 2018, vol.2, pp.84-89

IV. Enzyme Optimization and Partial Purification of Beta-Glycosidase Produced by Lactobacillus rhamnosus BAZ78

Çınar Acar B., Yüksekdağ Z., Aslım B.

International Conference on Advances in Science, İstanbul, Turkey, 13 September 2017

V. Stronsiyumun H₂SO₄ ve HCl ile Muamele Edilmiş Çankırı Bentoniti Üzerine Sorpsiyon Davranışlarının Deneysel Tasarım Yöntemi Kullanılarak İncelenmesi

Çınar Acar B., Acar M. B., Çetinkaya B., Tel H.

XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Aydın, Turkey, 12 October 2016

VI. Determination of beta glucosidase activities of 3 lactobacilli strains in simulating gastric and intestinal digestion

YÜKSEKDAĞ Z., Cinar Acar B.

4 th World Congress and Expo on Applied Microbiology, 19 - 23 September 2016

VII. Beta Glukozidaz Enziminin Optimizasyonu ve Kısmi Saflaştırması

Çınar Acar B., Yüksekdağ Z.

I. International Symposium on Tourism and Microbial Food Safety, Antalya, Turkey, 21 April 2016

VIII. Beta-glycosidase enzyme activities of Lactobacillus and hydrolysis of isoflavone

Çınar Acar B., Yüksekdağ Z.

World Congress and Expo on Applied Microbiology, Frankfurt, Germany, 18 August 2015

IX. Determination of beta-galactosidase enzyme activities of Lactobacillus strains

Kilic Y., Yuksekdağ Z., Cinar B.

Eurobiotech Agriculture Symposium, Kayseri, Turkey, 12 - 14 April 2012, vol.161, pp.42

X. Beta-Glucosidase Enzyme Activities of Some Lactobacillus spp.

Çınar Acar B., Yüksekdağ Z.

15th European Congress on Biotechnology of the European Federation of Biotechnology - ECB15, İstanbul, Turkey, 23 - 26 September 2012

Supported Projects

ÇINAR ACAR B., BAYBURT A. A. , YÜKSEKDAĞ Z., TÜRKTAS ERKEN M., Project Supported by Higher Education Institutions, Ligilactobacillus salivarius KC27L ve Limosilactobacillus reuteri KC21L Bakterilerinde Farklı Fiziksel

Şartlarda EPS Üretimlerinin Belirlenmesi, 2022 - Continues

YÜKSEKDAĞ Z., ASLIM B., NİĞDELİOĞLU DOLANBAY S., GÜLDESTE B., ÇINAR ACAR B., Project Supported by Higher Education Institutions, Pichia kudriavzevii M16 Maya Hücre Duvarından Elde Edilen Beta Glukanın Biyolojik Aktivitelerinin Belirlenmesi, 2022 - Continues

Çınar Acar B., Yüksekdağ Z., Project Supported by Higher Education Institutions, Detoxification of Chromium Via Bioremediation with Industrial Wastewater, Investigation of Chromium Adsorption onto Natural And Chemical/Biological Modified Clay by Using Composite Design Method, 2015 - 2018

Yüksekdağ Z., Çınar Acar B., TUBITAK Project, Bioconversion of isoflavone glycosides to aglycones by potential probiotic bacteria, 2013 - 2014

Yüksekdağ Z., Gürbüz A., Sarı Y. D. , ÇINAR ACAR B., Project Supported by Higher Education Institutions, An Improvement in Engineering Properties of Soils using Biological Method, 2011 - 2012

Yüksekdağ Z., Aslım B., Çınar Acar B., Project Supported by Higher Education Institutions, Determination of β -glucosidase enzyme activity of some lactic acid bacteria, 2011 - 2011

Citations

Total Citations (WOS):90

h-index (WOS):3