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Personal Information

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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2011 - 2018

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü, Turkey 2008 - 2011

Masters (Non-Thesis), Gazi University, Eğitim Bilimleri Enstitüsü, Biyoloji Öğretmenliği Bölümü, Turkey 2008 - 2009

Undergraduate, Gazi University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Erasmus Pprogramı Öğrenim Hareketliliği, Girona Üniversitesi, 2013

Dissertations

Doctorate, Bacillus sp. SUŞLARINDAN İZOLE EDİLEN ASİDİK, ALKALİ, TERMOSTABİL AMİLAZ VE PULLULANAZ ENZİMLERİNİN ÜRETİMİ, KARAKTERİZASYONU VE BİYOTEKNOLOJİK KULLANIM OLANAKLARININ ARAŞTIRILMASI, Cukurova University, Fen Bilimleri Enstitüsü, Biyoloji, 2018

Postgraduate, Cold aktif Alkalın Amilaz Enzimi Üreten Bacillus sp. Suşlarının izolasyonu, Enzim üretimi, Karakterizasyonu ve Endüstriyel Kullanım Olanaklarının Araştırılması, Cukurova University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü, 2011

Research Areas

Life Sciences, Biotechnology, Industrial Biotechnology, Microbial Biotechnology, Microbiology, Bacteriology, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, 2009 - Continues

Courses

Biyoloji II, Undergraduate, 2018 - 2019

Biyoloji I, Undergraduate, 2018 - 2019

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

- I. **An amylopullulanase (ApuNP1) from Geobacillus thermoleovorans NP1: biochemical characterization and its potential industrial applications**
Arabaci N., ARIKAN B.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.49, no.2, pp.127-135, 2019 (Journal Indexed in SCI)
- II. **Isolation and characterization of a cold-active, alkaline, detergent stable α -amylase from a novel bacterium Bacillus subtilis N8**
Arabaci N., ARIKAN B.
Preparative Biochemistry and Biotechnology, vol.48, no.5, pp.419-426, 2018 (Journal Indexed in SCI)
- III. **A new cold-active alkaline, thermostable and pH-stable, SDS and chelator-resistant amylase from an alkaliphilic and a psychrophilic Bacillus sp NCA35 and its applications in various industries**
Arabaci N., ARIKAN B.
NEW BIOTECHNOLOGY, vol.29, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Production of Cold Active Lipase from Bacillus sp.**
YASEMİN S., ARABACI N., KORKMAZ GÜVENMEZ H.
JOURNAL OF APPLIED BIOLOGICAL SCIENCES, vol.11, no.2, pp.24-27, 2017 (Refereed Journals of Other Institutions)
- II. **Isolation and Characterization of Thermostable, Alkaline, Detergent and H₂O₂ Resistant Cellulase (CMCase) from a Novel Strain Bacillus sp. CY8 Isolate**
Caf Y., ARABACI N., ARIKAN B.
JOURNAL OF APPLIED BIOLOGICAL SCIENCES, vol.8, no.2, pp.50-54, 2014 (Refereed Journals of Other Institutions)
- III. **Cold Aktif Alkalın Amilaz Enzimi Üreten Bacillus Sp. Suşlarının İzolasyonu, Enzim Üretimi Ve Enzimin Kısmi Karakterizasyonu**
ARABACI N., ARIKAN B.
Ç.Ü Fen ve Mühendislik Bilimleri Dergisi, vol.30, pp.67-76, 2013 (National Refreed University Journal)
- IV. **Partial Purification and Characterization of Thermostable, Alkaline and Chelator-resistant Protease from a Newly Isolated Bacillus sp. CY7 and its potential applications in various industries**
ARABACI N., Caf Y., ARIKAN B., Maaşoğlu Y.
JOURNAL OF APPLIED BIOLOGICAL SCIENCES, vol.7, no.2, pp.14-19, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Industrial Applications with Different Enzyme Combinations**
KARAYTUĞ T., ARABACI N., ARIKAN B.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1485
- II. **Characterization of Thermostable and Acidophilic Type II Pullulanase from Geobacillus thermoleovorans NP1 and Its Industrial Applications**
ARABACI N., ARIKAN B.
International Congress on Engineering and Life Sciences, Kastamonu, Turkey, 26 - 29 April 2018
- III. **Production, Characterization and Wash Performance Analysis of Thermostable and Alkaline Protease**

from a Native Bacillus sp.

ARABACI N., KARAYTUĞ T., ARIKAN B.

International Congress on Engineering and Life Sciences, Kastamonu, Turkey, 26 - 29 April 2018, pp.417

- IV. **Alkaline, Thermostable, Thermophilic and Chelator Resistant Type II Pullulanase from Native Isolate Anoxybacillus rupiensis strain NP2**
ARABACI N., ARIKAN B.
6. Uluslararası Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyon, Turkey, 22 - 25 December 2017
- V. **Alkaline, Thermostable, Thermophilic and SDS Resistant Alpha Amylase Isolated from Native Isolate Aeribacillus pallidus strain NA1**
ARABACI N., ARIKAN B.
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017
- VI. **Doğal Bacillus sp. BDM23 Suşundan Endo β -Mannanaz Enziminin Üretimi, Kısmi Saflaştırılması ve Karakterizasyonu**
ARABACI N.
6. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Adana, Turkey, 5 - 07 October 2017, pp.167
- VII. **Partial Purification and Characterization of an Acidophilic and a Thermophilic Amylase from Native Isolate Bacillus sp**
ARABACI N., ARIKAN B.
International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- VIII. **Production of Cold Active Lipase from Bacillus sp.**
YASEMİN S., ARABACI N., KORKMAZ GÜVENMEZ H.
International Congress on Applied Biological Sciences, Üsküp, Macedonia, 16 - 20 September 2015, pp.118
- IX. **An alkaline, thermostable and thermophile serine protease from Bacillus sp. AB12**
ARABACI N., valipour e., Dinigüzel Ö., Saraçoğlu Z. N. , caf y., kocamaz s., ARIKAN B.
3th international congress of the molecular biology association, İzmir, Turkey, 10 - 12 September 2014, pp.1
- X. **Partial Purification and Characterization of Thermostable, Alkaline and Chelator-resistant Protease from a Newly Isolated Bacillus sp. CY7 and its potential applications in various industries**
ARABACI N., Caf Y., ARIKAN B., Maaşoğlu Y.
2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Antalya, Turkey, 15 - 18 November 2012, pp.1
- XI. **A new cold-active alkaline, thermostable and pH-stable, SDS and chelator-resistant amylase from an alkaliphilic and a psychrophilic Bacillus sp. NCA35 and its applications in various industries**
ARIKAN B., ARABACI N.
15th European Congress on Biotechnology, İstanbul, Turkey, 23 - 26 September 2012, vol.29, pp.82
- XII. **Alkalifilik ve Psikrofilik Bacillus sp. NCA35 Suşundan Cold-aktif, Alkalın, Termotabil ve pH Stabil, SDS ve Şelatörlere Dirençli Amilaz Enziminin İzolasyonu ve Çeşitli Endüstriyel Alanlardaki Uygulamaları**
ARABACI N., ARIKAN B.
17. Ulusal Biyoteknoloji Kongresi, İstanbul, Turkey, 23 - 26 September 2012, pp.33
- XIII. **Doğal İzolat Termofilik Bacillus sp. CY-8 Suşundan Termotabil, Alkalın, Deterjan ve H₂O₂'ye Dirençli CM_{Caz} Enziminin İzolasyonu ve Karakterizasyonu**
caf y., ARABACI N., Saraçoğlu Z. N. , valipour e., Haliskaranfil S., KORKMAZ GÜVENMEZ H., ARIKAN B.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012, pp.1
- XIV. **Alkalifil Psikrofilik Bacillus sp. NB-16 Suşundan Üretilen Yeni Cold Aktif, H₂O₂ ve Triton X-100'e Dirençli Proteaz Enziminin Karakterizasyonu**
Turus N., Saraçoğlu Z. N. , ARABACI N., caf y., Tanrısever D., Hürtaş Tathı İ. S. , Haliskaranfil S., valipour e., KORKMAZ GÜVENMEZ H., ARIKAN B.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012, pp.1

Supported Projects

ARIKAN B., ARABACI N., Project Supported by Higher Education Institutions, Bacillus sp. SUŞLARINDAN İZOLE EDİLEN ASİDİK, ALKALİ, TERMOSTABİL AMİLAZ VE PULLULANAZ ENZİMLERİNİN ÜRETİMİ, KARAKTERİZASYONU VE BİYOTEKNOLOJİK KULLANIM OLANAKLARININ ARAŞTIRILMASI, 2014 - 2018

Edit Congress and Symposium Activities

3rd International Mediterianean Science and Engineering Congress, Attendee, Adana, Turkey, 2018
International Congress on Engineering and Life Sciences, Attendee, Kastamonu, Turkey, 2018
6. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi', Attendee, Adana, Turkey, 2017
2nd International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2017
Turkey in Horizon 2020 proje eğitimi, Attendee, Turkey, 2017
Teorik ve Uygulamalı Temel Hücre Kültürü Kursu, Attendee, Adana, Turkey, 2017
1st International Mediterianean Science and Engineering Congress, Attendee, Adana, Turkey, 2016
AFCO2016-Fermentation Short Course, Attendee, Antalya, Turkey, 2016
PCR Temelli Genetik Analiz Yaklaşımlar Kursu, Attendee, Ankara, Turkey, 2016
Moleküler Biyolojide Biyoinformatik Uygulamalar Kursu, Attendee, Turkey, 2016
Üniversitelerde Girişimcilik Sertifikası Programı, Attendee, Adana, Turkey, 2016
International Congress on Applied Biological Sciences, Attendee, Skopje, Macedonia, 2015
3th international congress of the molecular biology association, Attendee, İzmir, Turkey, 2014
2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Attendee, Antalya, Turkey, 2012
15th European Congress on Biotechnology, Attendee, İstanbul, Turkey, 2012
17. Ulusal Biyoteknoloji Kongresi, Attendee, İstanbul, Turkey, 2012
21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012
9. Ankara Biyoteknoloji Günleri, Attendee, Ankara, Turkey, 2011

Citations

Total Citations (WOS):8

h-index (WOS):1

Scholarships

2211-Öncelikli Alanlara Yönelik Yurtiçi Doktora Bursu, TUBITAK, 2014 - Continues