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Kişisel Bilgiler

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Biyografi

2011 yılından beri Araştırma Görevlisi olarak çalıştığım Marmara Üniversitesi, Fen Edebiyat Fakültesi, Bitki Hastalıkları ve Mikrobiyoloji Anabilim Dalı, Biyoloji Bölümüne, 2020 yılında Dr.Öğretim Üyesi olarak atandım. İlgi alanlarım Ilımlı halofil Bakteriler, haloversatil Bakteriler, aşırı halofil Arkeler, antimikrobiyal ajanlar, elektrik akımı ve deri mikrobiyolojisidir.

Eğitim Bilgileri

Doktora, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Türkiye 2010 - 2015

Yüksek Lisans, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Türkiye 2007 - 2010

Lisans, Marmara Üniversitesi, Atatürk Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Türkiye 2002 - 2007

Yabancı Diller

İngilizce, B2 Orta Üstü

Sertifika, Kurs ve Eğitimler

Yabancı Dil, E.T.C. English Language Studies, E.T.C. English Language Studies Bournemouth/İngiltere, 2006

Yabancı Dil, English Time Language Schools, English Time Language Schools İstanbul/Türkiye, 2005

Yaptığı Tezler

Doktora, KÜÇÜKBAŞ HAYVAN DERİLERİNDEKİ İLİMLİ HALOFİL BAKTERİLERİN KARAKTERİZASYONU, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2015

Yüksek Lisans, TUZLANMIŞ DERİLERDEN İLİMLİ VE AŞIRI HALOFİL BAKTERİLERİN İZOLASYONU VE MOLEKÜLER YÖNTEMLERLE KARAKTERİZASYONU, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2010

Araştırma Alanları

Mikrobiyoloji, Bakteriyoloji, Temel Bilimler

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2020 - Devam Ediyor
Araştırma Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2011 - Devam Ediyor
Araştırma Görevlisi Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2015 - 2020

Akademik İdari Deneyim

Biyolojik Bilimler Kulübü Başkan Yardımcısı, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2018 - Devam Ediyor
Staj Komisyonu Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2012 - Devam Ediyor
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2018 - 2019
Muayene Komisyonu Üye Yedek, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2013 - 2014

Verdiği Dersler

Epidemiyoloji, Lisans, 2020 - 2021
Mikrobiyal Ekoloji, Yüksek Lisans, 2020 - 2021
Virüs Konukçu İlişkisi, Yüksek Lisans, 2020 - 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Prokaryotic Communities in the Thalassohaline Tuz Lake, Deep Zone, and Kayacık, Kaldırım and Yavsan Salterns (Turkey) Assessed by 16S rRNA Amplicon Sequencing**
Akpolat C., Beatriz Fernandez A., ÇAĞLAYAN P., ÇALLI B., BİRBİR M., Ventosa A.
MICROORGANISMS, cilt.9, sa.7, 2021 (SCI İndekslerine Giren Dergi)
- II. **Preparation and antimicrobial properties of LL-37 peptide immobilized lignin/caprolactone polymer film**
OGAN A., Yuce-Dursun B., Abdullah D., Beyler-Cigil A., KAHRAMAN M. V. , ÇAĞLAYAN P., BİRBİR M., MUTLU Ö., GÜLSOY N.
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.31, sa.10, ss.2222-2228, 2020 (SCI İndekslerine Giren Dergi)
- III. **The Destructive Effects of Extremely Halophilic Archaeal Strains on Sheepskins, and Proposals for Remedial Curing Processes Use of sterile brine or direct electric current to prevent red heat damage on salted sheepskins**
Birbir M., Çağlayan P., Birbir Y.
JOHNSON MATTHEY TECHNOLOGY REVIEW, cilt.64, sa.4, ss.489-503, 2020 (SCI İndekslerine Giren Dergi)
- IV. **Antibiotic Susceptibility Patterns of Gram-negative Moderately Halophilic Bacteria Isolated from Salted Skins**
ÇAĞLAYAN P., BİRBİR M., Ventosa A.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.104, sa.2, ss.67-76, 2020 (SCI İndekslerine Giren Dergi)
- V. **Enzymatic Reactions and Phylogenetic Analysis of Haloversatile Bacteria Isolated from Çamaltı Saltern Salt Samples used in Leather Industry**
ÇAĞLAYAN P.
Journal Of The American Leather Chemists Association, 2019 (SCI Expanded İndekslerine Giren Dergi)
- VI. **Elimination of Antibiotic Resistant Enterobacteriaceae via Combined Application of Direct Electric Current, Alternating Electric Current and 2-Thiocyanomethylthio benzothiazole**
Birbir M., Yazici E., Çağlayan P., Birbir Y., Goebel R. A.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.103, ss.85-90, 2019 (SCI

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- VII. **Investigation of Antibiotic-Resistant Enterobacteriaceae Isolated from Soaked Sheepskins and Cattle Hides**
Birbir M., Yazici E., Çağlayan P.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.103, ss.6-13, 2019 (SCI İndekslerine Giren Dergi)
- VIII. **Screening of Bacteriocin Production from Moderately Halophilic Skin Isolates to Inhibit Moderately Halophilic Bacteria Producing Protease and Lipase**
Çağlayan P., Birbir M.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.113, ss.385-399, 2018 (SCI İndekslerine Giren Dergi)
- IX. **Detection of industrially potential enzymes of moderately halophilic bacteria on salted goat skins**
Çağlayan P., Birbir M., Sanchez-Porro C., Ventosa A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, cilt.43, ss.312-322, 2018 (SCI İndekslerine Giren Dergi)
- X. **Investigation of Moderately Halophilic Bacteria Causing Deterioration of The Salted Sheep and Goat Skins and Their Extermination via Electric Current Applications**
Çağlayan P., Birbir M., Sanchez Porro C., Ventosa A., Birbir Y.
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- XI. **Screening of Industrially Important Enzymes Produced by Moderately Halophilic Bacteria Isolated from Salted Sheep Skins of Diverse Origin**
Çağlayan P., Birbir M., Sanchez-Porro C., Ventosa A.
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- XII. **The Effects of Alternating and Direct Electric Currents on Moderately Halophilic Bacteria in Leather Industry**
Çağlayan P., Birbir M., Ogan A., Ventosa A., Sinchez-Porro C., Birbir Y.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.100, ss.307-313, 2016 (SCI İndekslerine Giren Dergi)
- XIII. **ANTIBACTERIAL ACTIVITY OF SOPHOROLIPIDS PRODUCED BY CANDIDA BOMBICOLA ON AGAINST GRAM POSITIVE AND GRAM NEGATIVE BACTERIA ISOLATED FROM SALTED HIDES**
Solaiman D., Ashby R. D. , Birbir M., Çağlayan P.
Journal Of The American Leather Chemists Association, cilt.111, sa.10, ss.358-364, 2016 (SCI Expanded İndekslerine Giren Dergi)
- XIV. **Examination of Multidrug-resistant Enterobacteriaceae Isolated from Salted Cattle Hides and Sheep Skins**
Birbir M., Ulusoy K., Çağlayan P.
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- XV. **Characterization of Moderately Halophilic Bacteria from Salt-Pack-Cured Hides**
Çağlayan P., Sanchez-Porro C., Ventosa A., Birbir M.
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- XVI. **MOLECULAR IDENTIFICATION OF MODERATELY HALOPHILIC BACTERIA AND EXTREMELY HALOPHILIC ARCHAEA ISOLATED FROM SALTED SHEEP SKINS CONTAINING RED AND YELLOW DISCOLORATIONS**
Akpolat C., Ventosa A., Birbir M., Sanchez-Porro C., Çağlayan P.
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- XVII. **Annihilation of Extremely Halophilic Archaea in Hide Preservation Salt Using Alternating Electric**

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Birbir Y., Anik S., Birbir M., Çağlayan P.

Johnson Matthey Technology Review, cilt.59, ss.109-119, 2015 (SCI İndekslerine Giren Dergi)

XVIII. **Extermination of bacteria in hide-brine curing liquors using combined alternating and direct electric current applications plus bronopol**

Birbir Y., Dolek N., Birbir M., Çağlayan P.

ROMANIAN BIOTECHNOLOGICAL LETTERS, cilt.20, ss.10123-10133, 2015 (SCI İndekslerine Giren Dergi)

XIX. **SYNERGISTIC EFFECT OF DIRECT AND ALTERNATING ELECTRIC CURRENT TREATMENTS AND BRONOPOL TO INACTIVATE BACTERIA FOUND IN HIDE SOAK LIQUORS**

Birbir Y., Dolek N., Birbir M., Çağlayan P.

JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.108, ss.373-385, 2013 (SCI İndekslerine Giren Dergi)

XX. **AN EXAMINATION OF INACTIVATION EFFICACY OF NaCl AND BORIC ACID ON BACTERIA ISOLATED FROM SALTED HIDES**

Birbir M., Cicek R., Çağlayan P., Aslan E.

JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.108, ss.171-179, 2013 (SCI İndekslerine Giren Dergi)

XXI. **Salimicrobium salexigens sp nov., a moderately halophilic bacterium from salted hides**

De La Haba R. R. , Yilmaz P., Sanchez-Porro C., Birbir M., Ventosa A.

SYSTEMATIC AND APPLIED MICROBIOLOGY, cilt.34, ss.435-439, 2011 (SCI İndekslerine Giren Dergi)

XXII. **Thalassobacillus pellis sp nov., a moderately halophilic, Gram-positive bacterium isolated from salted hides**

Sanchez-Porro C., Yilmaz P., De La Haba R. R. , Birbir M., Ventosa A.

INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY, cilt.61, ss.1206-1210, 2011 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Aktif İçeriği Sodyum dimetilditiyokarbamat Olan Antimikrobiyal Maddenin Antibiyotiklere Dirençli Referans Bakteri Suşlarına Karşı Minimum İnhibitör Konsantrasyonlarının Araştırılması**
Çağlayan P.
Marmara Fen Bilimleri Dergisi, cilt.4, ss.415-421, 2018 (Diğer Kurumların Hakemli Dergileri)
- II. **Deri Endüstrisinde Kullanılan Metilizotiazolinon İçeren Antimikrobiyal Maddenin Referans Suşlar Üzerine Minimum İnhibisyon Konsantrasyonu**
Çağlayan P.
Selcuk University Journal of Science Faculty, cilt.44, ss.149-156, 2018 (Diğer Kurumların Hakemli Dergileri)
- III. **Ilımlı halofil bakterilerin biyoteknolojik önemleri**
ÇAĞLAYAN P., BİRBİR M., OGAN A.
Tübitak Proje çalıştay, Türkiye Denizlerinin Biyoteknolojik kullanımı, ss.156-172, 2016 (Hakemsiz Dergi)
- IV. **Deniz mikroorganizmalarından elde edilen enzimler**
OGAN A., ÇAĞLAYAN P., BİRBİR M.
Tübitak Proje çalıştay, Türkiye Denizlerinin Biyoteknolojik kullanımı, ss.99-112, 2016 (Hakemsiz Dergi)
- V. **Halofillerden elde edilen Proteaz ve lipazların deri sanayinde kullanımı**
BİRBİR M., ÇAĞLAYAN P., OGAN A.
Tübitak Proje çalıştay, Türkiye Denizlerinin Biyoteknolojik kullanımı, ss.131-144, 2016 (Hakemsiz Dergi)
- VI. **Electrochemical Inactivation of Proteolytic and Lipolytic Hide Bacteria**
Birbir M., Birbir Y., Yılmaz E., Çağlayan P.
International Journal of Bioscience, Biochemistry and Bioinformatics, cilt.6, ss.121-129, 2016 (Diğer Kurumların Hakemli Dergileri)
- VII. **Application of Alternating Electric Current in Leather Industry to Kill Extremely Halophilic Archaea**

Found in Brine Solutions

Birbir Y., Anık S., Birbir M., Çağlayan P.

Journal of Automation and Control Engineering, cilt.3, ss.343-346, 2015 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **ISOLATION AND CHARACTERIZATION OF MODERATELY HALOPHILIC BACILLUS HAYNESII AND BACILLUS VELEZENSIS FROM SALTED SHEEP SKINS**
BİR BİR M., ÇAĞLAYAN P.
V International Leather Engineering Congress Innovative Aspects for Leather Industry IAFLI2019, 10 - 12 Ekim 2019
- II. **Isolation and 16S rRNA sequence analysis of six environmental haloversatile bacteria from Çamaltı Saltern**
ÇAĞLAYAN P.
BioEco2019- International Biodiversity Ecology Sciences Symposium, 26 - 28 Eylül 2019
- III. **A SURVEY STUDY TO DETECT PROBLEMS ON SALTED HIDES AND SKINS**
ÇAĞLAYAN P., BİR BİR M., Ventosa A.
7th International Conference on Advanced Materials and Systems, Bucharest, Romanya, 18 - 20 Ekim 2018, ss.409-414
- IV. **A REVIEW ON CATABOLIC ACTIVITY OF MICROORGANISMS IN LEATHER INDUSTRY**
BİR BİR M., ÇAĞLAYAN P.
7th International Conference on Advanced Materials and Systems, Bucharest, Romanya, 18 - 20 Ekim 2018, ss.301-306
- V. **Phenotypic Characterization and Antibiotic Susceptibilities of Ewingella americana and Kluveria intermedia Isolated from Soaked Hides and Skins**
Yazıcı E., Birbir M., Çağlayan P.
7. Uluslararası İleri Materyaller ve Sistemler Konferansı (7th International Conference on Advanced Materials and Systems), Bükreş, Romanya, 18 - 20 Ekim 2018
- VI. **Examination of Water Samples Taken from Fountains in Kartal (Yakacik) District, Istanbul**
Gündoğdu Ö., BİR BİR M., ÇAĞLAYAN P.
Ecology 2018, Kastamonu, Türkiye, 19 - 23 Haziran 2018
- VII. **Investigation of Bacterial Species Belonging to Enterobacteriaceae in Lettuce**
ÇAĞLAYAN P., BİR BİR M.
Ecology 2018, Kastamonu, Türkiye, 19 - 23 Haziran 2018
- VIII. **The Importance of Protease Enzyme in Leather Industry**
Öztürk N., Birbir M., Ogan A., Çağlayan P.
ICABS, Eskişehir, Türkiye, 3 - 05 Mayıs 2018
- IX. **Lipase Enzyme Produced from Moderately Halophilic Bacteria in Leather Industry**
Güçlü B., BİR BİR M., OGAN A., ÇAĞLAYAN P.
ICABS, Eskişehir, Türkiye, 3 - 05 Mayıs 2018
- X. **Numbers of Slightly Halophilic Bacteria on Goatskins Cured in Different Countries**
ÇAĞLAYAN P., BİR BİR M.
EuroasianBioChem 2018, Ankara, Türkiye, 26 - 27 Nisan 2018
- XI. **Proteolytic slightly halophilic bacterial numbers on salted goatskins belonging to different countries**
BİR BİR M., ÇAĞLAYAN P.
8th International Istanbul Conference on Evolution Technical Textile (ETT2018), İstanbul, Türkiye, 14 - 16 Nisan 2018
- XII. **Investigation of lipolytic slightly halophilic bacteria on salted goatskins**
ÇAĞLAYAN P., BİR BİR M.
8th International Istanbul Conference on Evolution Technical Textile (ETT2018), İstanbul, Türkiye, 14 - 16 Nisan

2018

- XIII. **Inactivation of Hide Bacteria Using Antimicrobial Agent in the Soak Liquors of Leather Industry**
Birbir M., Yılmaz E., Çağlayan P., Ulusoy K.
ICAE, Antalya, Türkiye, 16 - 18 Kasım 2017
- XIV. **Microbiological Studies In The Leather Industry**
ÇAĞLAYAN P., BİRBİR M.
ICAE, Antalya, Türkiye, 16 - 18 Kasım 2017
- XV. **LIPASE PRODUCTION OF MODERATELY HALOPHILIC BACTERIAL SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M., OGAN A.
4th International Leather Engineering Congress, 19 - 20 Ekim 2017
- XVI. **PROTEASE PRODUCTION OF MODERATELY HALOPHILIC BACTERIAL SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M., OGAN A.
4th International Leather Engineering Congress, İzmir, Türkiye, 19 - 20 Ekim 2017
- XVII. **BACTERIOCIN PRODUCTION OF MODERATELY HALOPHILIC BACTERIAL SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M.
4th International Leather Engineering Congress, İzmir, Türkiye, 19 - 20 Ekim 2017
- XVIII. **QUINOLONE RESISTANCE OF MODERATELY HALOPHILIC HALOMONAS SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M.
4th International Leather Engineering Congress, İzmir, Türkiye, 19 - 20 Ekim 2017
- XIX. **Polyhydroxyalkanoate production from moderately halophilic Bacillus strains**
OGAN A., Fetahovic M., ÇAĞLAYAN P., BİRBİR M., ÇALLI B., Bayrakdar A., DANIŞ Ö.
42nd Febs Congress, 25 Eylül 2018 - 30 Eylül 2017
- XX. **Production and Analysis of Lipase Enzymes of Halophilic Microorganisms in Escherichia coli**
Touray A., OGAN A., ÇAĞLAYAN P., BİRBİR M., TURAN K.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Türkiye, 26 - 29 Nisan 2017
- XXI. **Halofillerden Elde Edilen Proteaz Ve Lipazların Deri Endüstrisinde Kullanımları**
BİRBİR M., ÇAĞLAYAN P., OGAN A.
Türkiye Denizleri Bakterilerinin Biyoteknolojik Kullanımı Proje Çalıştayı TÜBİTAK ÇAYDAG 114Y690, İstanbul, Türkiye, 20 Ekim 2016
- XXII. **Deniz Mikroorganizmalarından Elde Edilen Enzimler**
OGAN A., ÇAĞLAYAN P., BİRBİR M.
Türkiye Denizleri Bakterilerinin Biyoteknolojik Kullanımı Proje Çalıştayı TÜBİTAK ÇAYDAG 114Y690, İstanbul, Türkiye, 20 Ekim 2016
- XXIII. **İhlımlı Halofil Bakterilerin Biyoteknolojik Önemleri**
Çağlayan P., Birbir M., Ogan A.
Türkiye Denizleri Bakterilerinin Biyoteknolojik Kullanımı Proje Çalıştayı TÜBİTAK ÇAYDAG 114Y690, İstanbul, Türkiye, 20 Ekim 2016
- XXIV. **Lethal Effect of Direct Electric Current on Moderately Halophilic Bacillus Isolates Obtained from Salted Sheep Skins**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.
11th International Congress on Extremophiles, Kyoto, Japonya, 12 - 16 Eylül 2016
- XXV. **Lethal Effect of Direct Electric Current on Moderately Halophilic Bacillus Isolates Obtained From Salted Sheep skins**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.
ISE Extromophiles 2016, Kyoto, Japonya, 12 - 16 Eylül 2016
- XXVI. **Minimal Inhibitory Concentration of an Antimicrobial Agent Containing benzothiazol 2 ylthio methyl thiocyanate on Moderately Halophilic Isolates from Salted Skins**

- ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.
11th International Congress on Extremophiles, Kyoto, Japonya, 12 - 16 Eylül 2016
- XXVII. **Antimicrobial Resistance of Moderately Halophilic Bacillus Isolates Obtained from Salted Sheep Skins**
BİRBİR M., ÇAĞLAYAN P., Sanchez Porro C., Ventosa A.
11th International Congress on Extremophiles, Kyoto, Japonya, 12 - 16 Eylül 2016
- XXVIII. **Covalent immobilization of LL 37 onto lignin caprolactone based polymer and investigation of its antimicrobial activities**
OGAN A., YÜCE DURSUN B., Farah D. A. , Aslı B. C. , ÇAĞLAYAN P., MUTLU Ö., KAHRAMAN M. V. , GÜLSOY N., BİRBİR M.
FEBS, 3 - 08 Eylül 2016
- XXIX. **Screening and Characterization of Lipase from Bacillus Species Isolated from Salted Sheep Skins**
Şimşek B. S. , ÇAĞLAYAN P., OGAN A., BİRBİR M., YÜCE DURSUN B.
28. Ulusal Kimya Kongresi, Mersin, Türkiye, 15 - 21 Ağustos 2016
- XXX. **Screening of various moderately Bacillus strains for PHA production**
Fetahovic M., ÇAĞLAYAN P., OGAN A., DANIŞ Ö., BİRBİR M.
46th IUPAC World Polymer Condress MACRO 2016, İstanbul, Türkiye, 17 - 21 Temmuz 2016
- XXXI. **Electric current and antibacterial agent application to inactivate antibiotic resistant Enterobacteriaceae**
BİRBİR M., Yazıcı E., ÇAĞLAYAN P., BİRBİR Y., Goebel R. A.
ELECTROSTATICS JOINT CONFERENCE, Amerika Birleşik Devletleri, 13 - 16 Haziran 2016
- XXXII. **Electrochemical Inactivation of Proteolytic and Lipolytic Hide Bacteria**
BİRBİR M., BİRBİR Y., Yılmaz E., ÇAĞLAYAN P.
3rd International Conference on Electrical and Electronics Engineering (ICEEE 2016), İstanbul, Türkiye, 11 - 12 Nisan 2016
- XXXIII. **LL 37 peptidinin lignin kaprolakton polimerine immobilizasyonu ve antimikrobiyal özelliğinin incelenmesi**
ABDULLAHİ FARAH D., OGAN A., YÜCE DURSUN B., BEYLER ÇİĞİL A., KAHRAMAN M. V. , ÇAĞLAYAN P., BİRBİR M.
27. Ulusal Kimya Kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015, ss.560
- XXXIV. **LL 37 Peptidinin Lignin Kaprolakton Polimerine İmmobilizasyonu ve Antimikrobiyal Özelliğinin İncelenmesi**
FARAH D., OGAN A., YÜCE DURSUN B., BEYLER ÇİĞİL A., KAHRAMAN M. V. , MUTLU Ö., GÜLSOY N., ÇAĞLAYAN P., BİRBİR M.
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- XXXV. **Determination of Total Halotolerant Bacteria Moderately Halophilic Bacteria Extremely Halophilic Archaea on Salted Sheep Skins**
ÇAĞLAYAN P., BİRBİR M., ANTONÍO V., CRÍSTINA S. P.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- XXXVI. **Determination of Proteolytic and Lipolytic Activities of Microorganisms Obtained from Hides**
YAZICI E., BİRBİR M., OGAN A., ÇAĞLAYAN P.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- XXXVII. **Identification of Protease and Lipase Positive Bacteria Isolated from Salted Sheep Skins**
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