

Assoc. Prof. Hakan ÖZKAN

Personal Information

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2003 - 2009

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2000 - 2003

Undergraduate, Ataturk University, Fen Fakültesi, Biyoloji, Turkey 1994 - 1999

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Erzurum Çevresinde Bazı Tarihi Eserlerde Biyolojik Bozulmaya Neden Olan Bakterilerin İzolasyonu, Karakterizasyonu ve Tanısı, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 2009

Postgraduate, Erzurum Yöresinde Seralarda Bulunan Beyaz Sineklerin Genetik Profillerinin Belirlenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 1999

Research Areas

Life Sciences, Biotechnology, Microbial Biotechnology, Microbiology, Bacteriology, Molecular Biology and Genetics, Genetic Engineering, Microbial Genetics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2018 - 2018

Assistant Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2017 - 2018

Assistant Professor, Ataturk University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2015 - 2017

Assistant Professor, Erzincan Üniversitesi, Fen Edebiyat, Biyoloji, 2011 - 2015

Research Assistant, Ataturk University, Fen Fakültesi, Biyoloji, 2002 - 2005

Academic and Administrative Experience

Head of Department, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2017 - Continues

Rectorate Commissioner, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2016 - Continues

Assistant Manager of Research and Application Center, Ataturk University, 2020 - 2020

Deputy Head of Department, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2017 - 2020

Manager of Research and Application Center, Ataturk University, 2016 - 2020

Courses

General Biology II, Undergraduate, 2020 - 2021
Basic Microbiology Laboratory, Undergraduate, 2020 - 2021
General Biology Laboratory II, Undergraduate, 2020 - 2021
Biotechnology Laboratory, Undergraduate, 2020 - 2021
General Biology I, Undergraduate, 2021 - 2022
Molecular Biology, Undergraduate, 2021 - 2022
General Biology Laboratory I, Undergraduate, 2021 - 2022
Temel Genetik Laboratuvarı, Undergraduate, 2021 - 2022
General Biology I, Undergraduate, 2020 - 2021
Virology, Postgraduate, 2020 - 2021
General Biology Laboratory I, Undergraduate, 2020 - 2021
General Biology I, Undergraduate, 2020 - 2021
Gene Engineering Laboratory, Undergraduate, 2020 - 2021
Seminar, Undergraduate, 2019 - 2020
General Biology Laboratory II, Undergraduate, 2019 - 2020
General Biology Laboratory I, Undergraduate, 2020 - 2021
Use of Molecular Methods in Bacteriology, Postgraduate, 2019 - 2020
Methods Used in Molecular Biology Laboratory II, Undergraduate, 2017 - 2018
General Biology II, Undergraduate, 2016 - 2017
Methods Used in Molecular Biology Laboratory, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Preparation of Chitosan with High Antibacterial Efficiency from *Penicillium crustosum* TZ18**
Kayar F., DOYMUŞ M., ÖZKAN H., Arslan N. P. , ADIGÜZEL A., TAŞKIN M.
JOURNAL OF POLYMERS AND THE ENVIRONMENT, 2022 (Journal Indexed in SCI)
- II. **Bioconversion of waste sheep wool to microbial peptone by *Bacillus licheniformis* EY2**
TUYSUZ E., ÖZKAN H., Arslan N. P. , ADIGÜZEL A., BALTACI M. Ö. , TAŞKIN M.
BIOFUELS BIOPRODUCTS & BIOREFINING-BIOFPR, vol.15, no.5, pp.1372-1384, 2021 (Journal Indexed in SCI)
- III. **Preparation of chitosan from waste shrimp shells fermented with *Paenibacillus jamilae* BAT1**
Taser B., Ozkan H., Adiguzel A., Orak T., Baltaci M. Ö. , Taskin M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.183, pp.1191-1199, 2021 (Journal Indexed in SCI)
- IV. **Co-production of Amylase and Protease by Locally Isolated Thermophilic Bacterium *Anoxybacillus rupiensis* T2 in Sterile and Non-sterile Media Using Waste Potato Peels as Substrate**
Tuysuz E., Gonul-Baltaci N., Ömeroğlu M. A. , Adıgüzel A., Taşkın M., Özkan H.
WASTE AND BIOMASS VALORIZATION, vol.11, no.12, pp.6793-6802, 2020 (Journal Indexed in SCI)
- V. **Enhancement of Amylase and Lipase Production from *Bacillus licheniformis* 016 Using Waste Chicken Feathers as Peptone Source**
Baltacı M. Ö. , Orak T., Taşkın M., Adıgüzel A., Özkan H.
Waste and Biomass Valorization, vol.11, no.5, pp.1809-1819, 2020 (Journal Indexed in SCI Expanded)
- VI. ***Bacillus pasinlerensis* sp. nov., a thermophilic bacterium isolated from a hot spring in Turkey**
Baltacı M. Ö. , Ay H., Akbulut S., Adıguzel G., Albayrak Ş., Omeroglu M. A. , Ozkan H., Taskin M., Adıguzel A.
INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY, vol.70, no.6, pp.3865-3871, 2020 (Journal Indexed in SCI)

- VII. **Anti-mutagenic and Anti-oxidant Potencies of *Cetraria Aculeata* (Schreb.) Fr., *Cladonia Chlorophaea* (Florke ex Sommerf.) Spreng. and *Cetrelia olivetorum* (Nyl.) W.L. Culb. & C.F. Culb.)**
 ÇEKER S., Orhan F., Sezen S., GÜLLÜCE M., ÖZKAN H., Aslan A., AĞAR G.
 IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.17, no.1, pp.326-335, 2018 (Journal Indexed in SCI)
- VIII. **Chicken feather peptone: A new alternative nitrogen source for pigment production by *Monascus purpureus***
 ORAK T., CAGLAR O., Ortucu S., ÖZKAN H., TAŞKIN M.
 Journal of Biotechnology, vol.271, pp.56-62, 2018 (Journal Indexed in SCI Expanded)
- IX. **Mutagenic assessment of three synthetic pyridine-diaryl ketone derivatives**
 Ozkan H., Gultekin D., SEZEN S., Ozgeris B., GÜLLÜCE M., Tumer F.
 TOXICOLOGY AND INDUSTRIAL HEALTH, vol.31, no.12, pp.1252-1257, 2015 (Journal Indexed in SCI)
- X. **Determination of genotoxic and antigenotoxic properties of essential oil from *Ferula orientalis* L. using Ames/Salmonella and E. coli WP2 bacterial test systems**
 Ozkan H., YANMIS D., KARADAYI M., Bal T., BARIŞ Ö., GÜLLÜCE M.
 TOXICOLOGY AND INDUSTRIAL HEALTH, vol.30, no.8, pp.714-723, 2014 (Journal Indexed in SCI)
- XI. **Conventional and Molecular Identification of Bacteria with Magnesite Enrichment Potential from Local Quarries in Erzurum**
 GÜLLÜCE M., Bal T., Ozkan H., ADIGÜZEL A., Sahin F., YANMIS D.
 GEOMICROBIOLOGY JOURNAL, vol.31, no.5, pp.445-451, 2014 (Journal Indexed in SCI)
- XII. **Determination of the antigenotoxic potencies of some luteolin derivatives by using a eukaryotic cell system, *Saccharomyces cerevisiae***
 Orhan F., GÜLLÜCE M., Ozkan H., Alpsoy L.
 FOOD CHEMISTRY, vol.141, no.1, pp.366-372, 2013 (Journal Indexed in SCI)
- XIII. **PCR detection of *Brucella abortus* in cow milk samples collected from Erzurum, Turkey**
 ARASOGLU T., GÜLLÜCE M., Ozkan H., ADIGÜZEL A., Sahin F.
 TURKISH JOURNAL OF MEDICAL SCIENCES, vol.43, no.4, pp.501-508, 2013 (Journal Indexed in SCI)
- XIV. **Identification and characterization of thermophilic bacteria isolated from hot springs in Turkey**
 ADIGÜZEL A., Ozkan H., BARIŞ Ö., Inan K., GÜLLÜCE M., Sahin F.
 JOURNAL OF MICROBIOLOGICAL METHODS, vol.79, no.3, pp.321-328, 2009 (Journal Indexed in SCI)
- XV. **Molecular characterization of thermophilic bacteria isolated from Van City Ercis Town Hasanabdal hot spring**
 SAVAS S., ADIGÜZEL A., Inan K., Ozkan H., GÜLLÜCE M., Sahin F.
 ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.14, no.3, pp.4445-4454, 2009 (Journal Indexed in SCI)
- XVI. **Antimutagenic Activity of The Methanol Extract of *Helichrysum plicatum* ssp *plicatum***
 OZBEK T., Gulluce M., Adiguzel A., Ozkan H., SAHIN F., ORHAN F.
 ASIAN JOURNAL OF CHEMISTRY, vol.21, no.4, pp.2705-2710, 2009 (Journal Indexed in SCI)
- XVII. **Antimutagenic Activities of Methanol Extracts of Some Endemic *Astragalus* Species**
 Oezbek T., Guelluece M., Agar G., Adiguzel A., Baris O., Oezkan H., SAHIN F.
 ASIAN JOURNAL OF CHEMISTRY, vol.21, no.1, pp.451-458, 2009 (Journal Indexed in SCI)
- XVIII. **Investigation of the Antimutagenic Potentials of the Methanol Extract of *Origanum vulgare* L. subsp *vulgare* in the Eastern Anatolia Region of Turkey**
 OEZBEK T., GUELLUECE M., Sahin F., OEZKAN H., SEVSAY S., Baris O.
 TURKISH JOURNAL OF BIOLOGY, vol.32, no.4, pp.271-276, 2008 (Journal Indexed in SCI)
- XIX. **INVESTIGATION OF THE ANTIMUTAGENIC EFFECTS OF METHANOL EXTRACT OF *Astragalus* L. SPECIES GROWING IN EASTERN ANATOLIA REGION OF TURKEY**
 OZBEK T., GÜLLÜCE M., Agar G., ADIGÜZEL A., Ozkan H., Sahin F., Baris Ö.
 FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.2052-2058, 2008 (Journal Indexed in SCI)
- XX. **Antimicrobial and antioxidant properties of the essential oils and methanol extract from *Mentha longifolia* L. ssp *longifolia***
 Gulluce M., SAHIN F., SOKMEN M., Ozer H., DAFERERA D., SOKMEN A., POLISSIOU M., Adiguzel A., Ozkan H.
 FOOD CHEMISTRY, vol.103, no.4, pp.1449-1456, 2007 (Journal Indexed in SCI)

- XXI. **Antioxidant and antimicrobial properties of the lichens *Cladonia foliacea*, *Dermatocarpon miniatum*, *Everinia divaricata*, *Evernia prunastri*, and *Neofuscella pulla***
ASLAN A., GULLUCE M., SOKMEN M., ADIGUZEL A., SAHIN F., OZKAN H.
PHARMACEUTICAL BIOLOGY, vol.44, no.4, pp.247-252, 2006 (Journal Indexed in SCI)
- XXII. **Biological Activities of the Essential Oil and Methanol Extract of *Achillea biebersteinii* Afan Asteraceae**
BARIŞ Ö., GÜLLÜCE M., ŞAHİN F., ÖZER H., KILIÇ H., ÖZKAN H., SÖKMEN M., OZBEK T.
Turkish Journal Of Biology, vol.30, pp.65-73, 2006 (Journal Indexed in SCI Expanded)
- XXIII. **In vitro antibacterial, antifungal, and antioxidant activities of the essential oil and methanol extracts of herbal parts and callus cultures of *Satureja hortensis* L.**
GULLUCE M., SOKMEN M., DAFERERA D., AGAR G., OZKAN H., KARTAL N., POLISSIOU M., SOKMEN A., SAHIN F.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.51, no.14, pp.3958-3965, 2003 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Bacteriocin Producing Bacteria Isolated from Turkish Traditional Sausage Samples**
Erkaya E., Genç B., Arslan S., Çanakçı Adıgüzel G., Ömeroğlu M. A., Özkan H., Adıgüzel A.
JOURNAL OF PURE AND APPLIED MICROBIOLOGY, vol.14, no.2, pp.1567-1576, 2020 (Journal Indexed in ESCI)
- II. **Lipase Production From Thermophilic Bacteria Using Waste Frying Oil As Substrate**
TUYSUZ E., BALTACI M. Ö., ÖZKAN H., TAŞKIN M., ADIGÜZEL A.
Teknik Bilimler Dergisi, vol.9, no.3, pp.23-27, 2019 (Refereed Journals of Other Institutions)
- III. **Presence of Different Bacterial Species in Thermal Sources and Novelty in Their Industrial Enzyme Productions**
ALBAYRAK Ş., GENÇ B., ÖZKAN H., TAŞKIN M., ADIGÜZEL A.
JOURNAL OF PURE AND APPLIED MICROBIOLOGY, vol.13, no.3, pp.1375-1387, 2019 (Journal Indexed in ESCI)
- IV. **Determination of Nuclear Abnormalities in Peripheral Erythrocytes of the Frog *Pelophylax ridibundus* Anura Ranidae sampled from Karasu River Basin Turkey for Pollution Impacts**
ŞIŞMAN T., AŞKIN H., TÜRKEZ H., ÖZKAN H., İNCEKARA Ü., ÇOLAK S.
Journal of Limnology and Freshwater Fisheries Research, vol.1, no.2, pp.75-82, 2015 (Refereed Journals of Other Institutions)
- V. **Determination of in vivo and in vitro Antimutagenic and Anticancerogenic Effects of Some *Salvia* Species Wildly Growing in Erzurum Region**
ARASOĞLU T., BARIŞ Ö., GÜLLÜCE M., ŞAHİN F., ÖZKAN H.
Acta Horticulturae (ISHS), vol.826, pp.65-72, 2009 (Refereed Journals of Other Institutions)
- VI. **Antimutagenic activity of some *salvia* species wildly growing in Erzurum**
ARASOĞLU T., BARIŞ Ö., GÜLLÜCE M., ŞAHİN F., ÖZKAN H., ANAKÖK Ö. F.
Acta Horticulturae, vol.826, pp.65-72, 2009 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021) ABSTRACT AND FULL TEXT CONGRESS BOOK**
Gürbulak B., Özkan H.
ATATURK UNIVERSITY PUBLICATIONS, Erzurum, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **PROTEİN HYDROLYSATES FROM ANİMAL WASTE PRODUCTS**

Tuysuz E., Akbulut S., Adıgüzel A., Özkan H., Taşkın M.

1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), 10 - 12 September 2021, pp.345-352

II. PROBIOTIC LACTIC ACID BACTERIA

Akbulut S., Tuysuz E., Taşkın M., Adıgüzel A., Çanakçı Adıgüzel G., Özkan H.

1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES (ISFAS-2021), Erzurum, Turkey, 10 - 12 September 2021, pp.44

III. ANTIMICROBIAL ACTIVITY OF FOOD-BORNE ANTIMICROBIAL ACTIVITY OF FOOD-BORNE

Lactobacillus paracasei subsp. paracasei

Akbulut S., Tuysuz E., Adıgüzel A., Özkan H., Taşkın M.

3.ULUSLARARASI FEN BİLİMLERİ VE İNOVASYON KONGRESİ , Ankara, Turkey, 21 - 22 November 2021, pp.42-49

IV. Use of Raw Glycerol As Carbon Source In The Microbial Production Of Biotechnological Substances

Orak T., Albayrak Ş., Adıgüzel A., Özkan H., Taşkın M.

1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 - 12 September 2021, pp.319-331

V. MICROBIAL EXOPOLYSACCHARIDES

Albayrak Ş., Orak T., Adıgüzel A., Taşkın M., Özkan H.

1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021) , Erzurum, Turkey, 10 - 12 September 2021, pp.53-54

VI. Investigation of Bacteriocin Production Potentials of Lactic Acid Bacteria Isolated From Raw Milk Samples

Akbulut S., Tuysuz E., Adıgüzel A., Özkan H., Taşkın M.

3. Avrasya Biyokimyasal Yaklaşımlar ve Teknolojiler (EBAT) 2021 , Antalya, Turkey, 4 - 07 November 2021, pp.89

VII. Bioethanol Production

Ömeroğlu M. A. , Baltacı M. Ö. , Özkan H., Adıgüzel A.

1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 - 12 September 2021, pp.312-318

VIII. ÇİĞ SÜT ÖRNEKLERİNDEN İZOLE EDİLEN LAKTİK ASİT BAKTERİLERİNİN ANTİMİKROBİYAL ÖZELLİKLERİNİN ARAŞTIRILMASI

Akbulut S., Tuysuz E., Adıgüzel A., Özkan H.

İSTANBUL INTERNATIONAL MODERN SCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 4 - 05 June 2021, pp.326-334

IX. BIOTECHNOLOGICAL APPLICATIONS OF CHITOSAN

TAŞER B., TUYSUZ E., TAŞKIN M., ADIGÜZEL A., ÖZKAN H.

HOCA AHMET YESEVİ 2. ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Erzurum, Turkey, 6 - 08 December 2019, pp.9-19

X. MICROBIAL LIPASES

TAŞER B., TUYSUZ E., TAŞKIN M., ADIGÜZEL A., ÖZKAN H.

HOCA AHMET YESEVİ 2. ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Erzurum, Turkey, 6 - 08 December 2019, pp.20-28

XI. PRODUCTION AND BIOTECHNOLOGICAL APPLICATIONS OF D-TAGATOSE

TUYSUZ E., TAŞER B., TAŞKIN M., ADIGÜZEL A., ÖZKAN H.

HOCA AHMET YESEVİ 2. ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Erzurum, Turkey, 6 - 08 December 2019, pp.1-8

XII. Molecular Characterization of Thermophilic Bacteria and Investigation of Their Potential to Produce Biotechnologically Important Enzymes

ÖMEROĞLU M. A. , BALTACI M. Ö. , ALBAYRAK Ş., ÖZKAN H., ADIGÜZEL A.

2nd INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES, 8 - 11 November 2019

XIII. Amylase production from thermophilic bacteria using potato peel powder as substrate

Baltacı M. Ö. , Tuysuz E., Taşkın M., Adıgüzel A., Özkan H.

ISAS WİNTER-2018, Samsun, Turkey, 30 November - 02 December 2018

XIV. Isolation and Identification of IAA Producers from Erzurum

- GÜLLÜCE M., ÖZKAN H., KARADAYI M., SEZEN S., ALAYLAR B., HIDIROĞLU İSPİRLİ N.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.28
- XV. **Isolation and Identification of IAA Producers from Erzurum**
GÜLLÜCE M., ÖZKAN H., KARADAYI M., SEZEN S., ALAYLAR B., HIDIROĞLU İSPİRLİ N.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.28
- XVI. **Seven fungal strains with a potential for the bioethanol production from lignocellulosic materials**
KARADAYI M., GÜLLÜCE M., GÜLLÜCE E., ÖZKAN H., KOC T. Y.
7th International Molecular Biology And Biotechnology Congress, 25 - 27 April 2018, pp.40
- XVII. **Isolation and molecular characterization of thermophilic bacteria with potency to produce enzymes which are industrially important**
TAŞKIN M., ÖZKAN H., ŞEYDA A., BALTACI M. Ö. , TUYSUZ E., ADIGÜZEL A., ÇANAKÇI ADIGÜZEL G.
7th InternationalMolecular Biology and Biotechnology Congress, 25 - 27 April 2018
- XVIII. **Isolation, identification and molecular characterization of lactic acid bacteria collected from different regions of Turkeywhite cheese samples**
ÇANAKÇI ADIGÜZEL G., ARSLAN S., TAŞKIN M., ARSLAN N. P. , ADIGÜZEL A., ALBAYRAK Ş., ÖZKAN H.
7th International Molecular Biology And Biotechnology Congress, 25 - 27 April 2018
- XIX. **Determination of amylase enzyme production potentials of thermophilic bacteria isolated from hot water springs**
BALTACI M. Ö. , ÖZKAN H., TUYSUZ E., ALBAYRAK Ş., TAŞKIN M., ARSLAN N. P. , ADIGÜZEL A.
7th InternationalMolecular Biology and Biotechnology Congress, 25 - 27 April 2018
- XX. **Identification of lactic acid bacteria isolated from Turkey dryfermented sausage**
ÇANAKÇI ADIGÜZEL G., TAŞKIN M., ÖZKAN H., BALTACI M. Ö. , TUYSUZ E., ARSLAN S., ADIGÜZEL A.
7th InternationalMolecular Biology and BiotechnologyCongress, 25 - 27 April 2018
- XXI. **Determination of lipase enzyme production potentials of thermophilic bacteria isolated from hot water springs**
ÖZKAN H., ÇANAKÇI ADIGÜZEL G., BALTACI M. Ö. , ARSLAN S., TUYSUZ E., TAŞKIN M., ARSLAN N. P. , ADIGÜZEL A.
7th InternationalMolecular Biology and Biotechnology Congress, 25 - 27 April 2018
- XXII. **Molecular characterization of Listeria monocytogenes isolated from chicken samples**
ARSLAN S., BALTACI M. Ö. , ÇANAKÇI ADIGÜZEL G., ŞEYDA A., ÖZKAN H., ADIGÜZEL A., TAŞKIN M.
7th InternationalMolecular Biology and BiotechnologyCongress, 25 - 27 April 2018
- XXIII. **Molecular characterization of cellulolytic bacteria from rumen samples**
BALTACI M. Ö. , ÇANAKÇI ADIGÜZEL G., ARSLAN S., ADIGÜZEL A., ÖZKAN H., TAŞKIN M.
7th InternationalMolecular Biology and Biotechnology Congress, 25 - 27 April 2018
- XXIV. **An Investigation on the Usability of the nifH Primer Set for the Selection of Local Isolates with Nitrogen-Fixing Capability**
GÜLLÜCE M., ALAYLAR B., ÖZKAN H., KARADAYI M., IŞIK C., SEZEN S.
International Eurasian Conference on Biological and Chemical Sciences – 2018, Ankara, Turkey, 26 - 27 April 2018, pp.990
- XXV. **An Investigation on the Usability of the nifH Primer Set for the Selection of Local Isolates with Nitrogen-Fixing Capability**
GÜLLÜCE M., ALAYLAR B., ÖZKAN H., KARADAYI M., IŞIK C., SEZEN S.
International Eurasian Conference on Biological and Chemical Sciences – 2018, Ankara, Turkey, 26 - 27 April 2018, pp.990
- XXVI. **Isolation Of N₂-Fixing Bacteria From Afşin-Elbistan Lignite Mine And Their Molecular Identification**
GÜLLÜCE M., SEZEN S., ÖZKAN H., KARADAYI M., ALAYLAR B., İSAOĞLU M., IŞIK C.
6th International Molecular Biology and Biotechnology Congress, Afyon, Turkey, 22 - 25 December 2017, pp.17
- XXVII. **A Fungal Isolate with Biotechnological Importance for Ethanol Production from Lignocellulosic Agricultural Wastes**
ÖZKAN H., KARADAYI M., GÜLLÜCE M., İSAOĞLU M., ALAYLAR B., SEZEN S.
6th International Molecular Biology and Biotechnology Congress, Afyon, Turkey, 22 - 25 December 2017, pp.25
- XXVIII. **Isolation of N₂-Fixing Bacteria from Afşin-Elbistan Lignite Mine and Their Molecular Identification**

- GÜLLÜCE M., SEZEN S., ÖZKAN H., KARADAYI M., ALAYLAR B., İSAOĞLU M., BOZOĞLU C.
6th International Molecular Biology and Biotechnology Congress, Afyon, Turkey, 22 - 23 December 2017, pp.1
- XXIX. **A Fungal Isolate with Biotechnological Importance for Ethanol Production from Lignocellulosic Agricultural Wastes**
ÖZKAN H., KARADAYI M., GÜLLÜCE M., İSAOĞLU M., ALAYLAR B., SEZEN S.
6th International Molecular Biology and Biotechnology Congress, Afyon, Turkey, 22 - 23 December 2017, pp.1
- XXX. **Growth inhibition of *T. aestivum* seedlings by ZnO nanoparticles biosynthesized from Zinc chloride precursor**
GÜLLÜCE M., KARADAYI M., KARADAYI G., HİDİROĞLU N., KOÇ T. Y. , DEMİR A. Y. , ÖZKAN H.
2. ULUSAL UYGULAMALI BİYOLOJİK BİLİMLER KONGRESİ, 9 - 12 July 2017
- XXXI. **Çinko Klorür Öncüsünden Biyosentezlenen ZnO Nanopartiküllerinin *T. aestivum* Fidelerinde Büyüme İnhibisyonu**
GÜLLÜCE M., KARADAYI M., KARADAYI G., HİDİROĞLU N., KOÇ T. Y. , DEMİR A. Y. , ÖZKAN H.
2. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, 9 - 12 July 2017
- XXXII. **Çinko Klorür Öncüsünden Biyosentezlenen ZnO Nanopartiküllerinin *T. aestivum* Fidelerinde Büyüme İnhibisyonu**
GÜLLÜCE M., KARADAYI M., KARADAYI G., HİDİROĞLU N., KOÇ T. Y. , DEMİR A. Y. , ÖZKAN H.
2. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, Afyon-Türkiye, Turkey, 09 July 2017
- XXXIII. **Nanotoxicologic Potential of Bio-synthesized ZnO Nanoparticles from Zinc Acetate**
GÜLLÜCE M., KARADAYI M., DEMİR A. Y. , ÖZKAN H.
5th International Molecular Biology and Biotechnology Congress, Skopje, Macedonia, 25 - 29 August 2016, pp.1
- XXXIV. **Nanotoxicologic Potential of Bio-synthesized ZnO Nanoparticles from Zinc Acetate**
GÜLLÜCE M., KARADAYI M., DEMİR A. Y. , ÖZKAN H.
5th International Molecular Biology and Biotechnology Congress, Tetova, Macedonia, 25 - 29 August 2016, pp.3
- XXXV. **Ten Lignocellulolytic Fungal Isolates From Decaying Woody Materials And Their Ethanol Production Potentials**
KARADAYI M., GÜLLÜCE M., BARIŞ Ö., KOÇ T. Y. , HÜNDÜR S., ŞAHİN F., TURAN M., ÖZKAN H.
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ADIGÜZEL A., TUYSUZ E., BALTACI M. Ö. , CEYLAN H., ÜNVER Y., ERDOĞAN O., AKBULUT S., ANAKÖK Ö. F. , BUDAK H., YILDIZ M., et al., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Araştırma Destek Projesi, 2018 - 2019

Citations

Total Citations (WOS):941

h-index (WOS):11

Non Academic Experience

Other Public Institution, Refik Saydam Hıfzıssıhha Merkez Başkanlığı Erzurum Hıfzıssıhha Müdürlüğü