

# Prof. BUKET KUNDUHOĞLU

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: E-1729-2019

ScopusID: 37120457300

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## Education Information

Doctorate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2016 - 2020

Postgraduate, Anadolu University, Faculty Of Arts And Sciences, Biyoloji Pr., Turkey 1990 - 1992

Undergraduate, Anadolu University, Faculty Of Arts And Sciences, Biyoloji Pr., Turkey 1983 - 1988

## Dissertations

Doctorate, 2,4-D'xxnin (2,4-dichlorophenoxyacetic acid) saf ve karışık bakteri kültürleriyle degradasyonu, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 1998

Postgraduate, Eskişehir'xxde halkın tüketimine sunulan kıymanın bakteriyolojik analizi, Anadolu University, Fen-Edebiyat Fakültesi, Biyoloji Pr., 1992

## Research Areas

Microbial Biotechnology, Bacteriology

## Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, Biyoloji Bölümü, 2015 - Continues

Assistant Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, Biyoloji Bölümü, 1999 - 2015

Expert, Eskisehir Osmangazi University, FEN FAKÜLTESİ, Biyoloji Bölümü, 1993 - 1999

Expert, Anadolu University, Faculty Of Science, Department Of Biology, 1989 - 1993

## Academic and Administrative Experience

Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2008 - 2010

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Probiotic Characteristics of Lactobacillus brevis KT38 3 Isolated from an Artisanal Tulum Cheese**  
Hacıoğlu S., Kunduhoğlu B.  
FOOD SCIENCE OF ANIMAL RESOURCES, vol.41, no.6, 2021 (SCI-Expanded)
- II. **Probiotic Potential and Gluten Hydrolysis Activity of Lactobacillus brevis KT16-2**  
Kunduhoğlu B., Hacıoğlu S.  
PROBIOTICS AND ANTIMICROBIAL PROTEINS, vol.13, no.3, pp.720-733, 2021 (SCI-Expanded)
- III. **Antimicrobial Activity of a Bacteriocin Produced by Enterococcus faecalis KT11 against Some Pathogens and Antibiotic-Resistant Bacteria**  
Abanoz H. S., KUNDUHOĞLU B.  
KOREAN JOURNAL FOR FOOD SCIENCE OF ANIMAL RESOURCES, vol.38, no.5, pp.1064-1079, 2018 (SCI-Expanded)
- IV. **INACTIVATION OF ZYGOSACHAROMYCES ROUXII USING POWER ULTRASOUND AT DIFERENT TEMPERATURES, PH AND WATER ACTIVITY CONDITIONS**  
Kirimli S., Kunduhoglu B.  
ITALIAN JOURNAL OF FOOD SCIENCE, vol.28, no.1, pp.64-72, 2016 (SCI-Expanded)
- V. **Probiotic characteristics of natural lactobacilli isolated from traditional kargi tulum cheese**  
Elcioglu O., Kunduhoglu B.  
Italian Journal of Food Science, vol.26, no.1, pp.31-40, 2014 (SCI-Expanded)
- VI. **BIOLOGICAL DECOLORIZATION OF SOME REACTIVE TEXTILE DYES BY EIGHT FUNGAL ISOLATES OBTAINED FROM SOIL AND TEXTILE INDUSTRY WASTEWATER**  
AYDIN G., KUNDUHOĞLU B.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, no.6, pp.1322-1328, 2014 (SCI-Expanded)
- VII. **Antimicrobial and anticholinesterase activities of the essential oils isolated from Salvia dicroantha Stapf., Salvia verticillata L. subsp amasiaca (Freyn and Bornm.) Bornm. and Salvia wiedemannii Boiss.**  
KUNDUHOĞLU B., KÜRKÇÜOĞLU M., DURU M. E., BAŞER K. H. C.  
JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.5, no.29, pp.6484-6490, 2011 (SCI-Expanded)
- VIII. **ANTIMICROBIAL SCREENING OF SOME MEDICINAL PLANTS COLLECTED FROM ESKISEHIR, TURKEY**  
KUNDUHOĞLU B., PİLATİN S., ÇALIŞKAN F.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.4, pp.945-952, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Biyoadsorbsiyon ve Katı-Faz Fermantasyonu ile Boya Gideriminde Tarımsal Atıkların Kullanım Potansiyeli**  
PİLATİN S., KUNDUHOĞLU B.  
JOURNAL OF BIOLOGY SCIENCE, vol.11, no.2, pp.24-30, 2018 (Peer-Reviewed Journal)
- II. **Anti-Yeast Activity of Cinnamaldehyde, Eugenol and Linalool**  
Kunduhoğlu B.  
World Journal of Research and Review, vol.5, no.5, pp.32-34, 2017 (Peer-Reviewed Journal)
- III. **The Decolorization of Reactive Textile Dyes by Pleurotus Sajor Caju**  
PİLATİN S., KUNDUHOĞLU B.  
Journal of Applied Biological Sciences, vol.9, no.2, pp.41-45, 2016 (Scopus)
- IV. **Antimicrobial, genotoxic and acute toxic effects of newly synthesized N-Pyridine schiff base derivatives**  
KUNDUHOĞLU B., PİLATİN S., CEYHAN E., Dal H.  
Journal of Applied Pharmaceutical Science, vol.3, no.11, pp.5-10, 2013 (Scopus)
- V. **Decolorization of Textile Dyes by Newly Isolated Trametes versicolor Strain**  
Pilatin S., Kunduhoğlu B.  
Journal of Science and Technology, vol.1, no.2, pp.125-135, 2011 (Peer-Reviewed Journal)
- VI. **Comparison of the microbiological quality of packed and unpacked ice creams sold in Bursa Turkey**

ÇAĞLAYANLAR G. E., KUNDUHOĞLU B., ÇOKSÖYLER N.

Cankaya Üniversitesi, Journal of Arts and Sciences, vol.12, pp.93-102, 2009 (Peer-Reviewed Journal)

VII. **Antimicrobial activity of fresh plant juice on the growth of bacteria and yeasts.**

Kıvanç M., Kunduhoğlu B.

Journal Qafqaz University, vol.1, no.1, pp.27-35, 1997 (Peer-Reviewed Journal)

## **Books & Book Chapters**

I. **PARAPROBİYOTİKLER: HAYALET PROBİYOTİKLER**

Kunduhoğlu B., Gönel S.

in: FEN VE MATEMATİK BİLİMLERİ Teori, Güncel Araştırmalar ve Yeni Eğilimler-3, Prof. Dr. Çiğdem SAYIL, Editor, IVPE Yayınevi, Cetine, pp.1-18, 2021

II. **Laktik Asit Bakterileri ve Probiyotik Olarak Kullanımları**

Kunduhoğlu B.

in: Scientific Developments for Natural and Engineering Sciences, Doç. Dr. Selmin Ener Rüßen, Editor, DUVAR KİTAPEVİ, Ankara, pp.69-80, 2021

III. **INACTIVATION OF E. COLI BY SONICATION**

Kunduhoğlu B., Çil S.

in: Theory and Research in Science and Mathematics II, Prof. Dr. Hasan Akgül, Doç. Dr. Mehmet YÜKSEL, Editor, Gece Kitaplığı / Gece Publishing, Ankara, pp.175-186, 2020

IV. **Çölyak Hastalığında Probiyotik Kullanımı**

Kunduhoğlu B.

in: Recent Advances in Science and Technology, Mehmet Dalkılıç, Editor, Gece Kitaplığı, Ankara, pp.73-79, 2020

## **Refereed Congress / Symposium Publications in Proceedings**

I. **Probiotic and Starter Culture Characteristics of Lactobacillus plantarum Isolated from Cheese**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INSAC International Natural and Engineering Sciences Congress, Konya, Turkey, 11 - 13 October 2019, pp.17

II. **Evaluation of Probiotic and starter culture characteristics of Lactobacillus paracasei isolated from cheese**

KUNDUHOĞLU B.

IV. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS SCIENCE AND HEALTH (BILMES SH 2019), Ankara, Turkey, 7 - 10 November 2019, pp.4

III. **DETERMINATION OF ANTIOXIDANT ACTIVITIES OF PROBIOTIC LACTIC ACID BACTERIA ISOLATED FROM SOME DAIRY PRODUCTS**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – ENGINEERING (BILMES EN 2019) - ANKARA, Ankara, Turkey, 7 - 09 November 2019, pp.54

IV. **DETERMINATION OF GLUTEN HYDROLYSIS ABILITY OF PROBIOTIC LACTIC ACID BACTERIA ISOLATED FROM SOME DAIRY PRODUCTS**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – ENGINEERING (BILMES EN 2019) - ANKARA, 7 - 09 November 2019, pp.55

V. **ANTIMICROBIAL ACTIVITY OF DIFFERENT SOLVENT EXTRACTS OBTAINED FROM PTERIS SP.**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – ENGINEERING (BILMES EN 2019) - ANKARA, Ankara, Turkey, 7 - 09 November 2019, pp.53

VI. **BIODEGRADATION OF 2,4-DICHLOROPHENOXYACETIC ACID HERBICIDE WITH PSEUDOMONAS**

**PUTIDA, ISOLATED FROM SOIL**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – ENGINEERING (BILMES EN 2019) - ANKARA, Ankara, Turkey, 7 - 09 November 2019, pp.56

**VII. Antimicrobial Activity of a Bacteriocin Produced by Enterococcus faecalis**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INSAC International Natural and Engineering Sciences Congress, Konya, Turkey, 11 - 13 October 2019, pp.19

**VIII. Probiotic and Starter Culture Characteristics of Streptococcus thermophilus Isolated from Cheese**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INSAC International Natural and Engineering Sciences Congress, Proceedings Book, Konya, Turkey, 11 - 13 October 2019, pp.23

**IX. Probiotic Properties and Gluten Hydrolyzing Ability of Lactobacillus brevis**

KUNDUHOĞLU B., HACIOĞLU S.

IV. INSAC International Natural and Engineering Sciences Congress, Konya, Turkey, 11 - 13 October 2019, pp.21

**X. In vitro anti-yeast activity of Cinnamaldehyde, Eugenol and Linalool**

KUNDUHOĞLU B.

INTERNATIONAL CONGRESS ON PLANT SCIENCE AND TECHNOLOGY, Üsküp, Macedonia, 21 - 25 August 2017

**XI. Antimicrobial activities of various solvent extracts of Verbascum cheiranthifolium Boiss.**

KUNDUHOĞLU B.

INTERNATIONAL CONGRESS ON PLANT SCIENCE AND TECHNOLOGY, Üsküp, Macedonia, 21 - 25 August 2017

**XII. Antimicrobial activity and partial characterization of bacteriocin-like substances (BLS) produced by Enterococcus sp.**

KUNDUHOĞLU B.

3rd International Congress on Applied Biological Sciences, 9 - 12 July 2017

**XIII. Antimicrobial activity of extracts obtained from Salvia frugida Boiss.**

KUNDUHOĞLU B.

3rd INTERNATIONAL CONGRESS ON APPLIED BIOLOGICAL SCIENCES, Afyon, 9 - 12 July 2017

**XIV. Antimicrobial activity of ethanol, acetone and ether extracts of Achillea spinulifolia Fenzl ex Boiss.**

PİLATİN S., KUNDUHOĞLU B.

3rd INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCES, Afyon, Turkey, 9 - 12 July 2017

**XV. Bacteriocin Like Substances Production Potential of Lactobacillus Species Isolated from Various Dairy Foods**

KUNDUHOĞLU B., ELCIOĞLU O.

ULUSAL UYGULAMALIBİYOLOJİK BİLİMLER KONGRESİ, Turkey, 26 - 29 December 2016

**XVI. Probiotic Characteristics of Streptococcus and Enterococcus Species Isolated from Various Dairy Foods and Raw Milk Samples**

KUNDUHOĞLU B., ELCIOĞLU O.

ULUSAL UYGULAMALI BİYOLOJİK BİLİMLER KONGRESİ, Turkey, 26 - 29 December 2016

**XVII. Farklı Sıcaklıklarda Çiğ Köftede Listeria monocytogenes Sayısının Değişimi**

PİLATİN S., KUNDUHOĞLU B.

BİYOLOJİ, Turkey, 23 - 25 September 2008

**XVIII. Yeni Sentezlenmiş Benzothiazole Schiff Bazlarının Antimikrobiyal Aktivitelerinin Belirlenmesi**

PİLATİN S., KUNDUHOĞLU B.

BİYOLOJİ, Turkey, 23 - 25 October 2008

**XIX. Influence of different pH temperatures and amplitudes for inactivation of Listeria monocytogenes by sonication**

burçin d., KUNDUHOĞLU B., PİLATİN S., ÇOKSÖYLER F. N.

MİKROBİYOLOJİ KONGRE, 05 August 2008

**XX. Inactivation of Escherichia coli by sonication under different temperature and pH conditions**

ÇİL S., KUNDUHOĞLU B., PİLATİN S., ÇOKSÖYLER F. N.

MİKROBİYOLOJİ KONGRE, 05 August 2008

- XXI. **Prydine Türevli Schiff Bazlarının Biyolojik Aktivitelerinin Belirlenmesi**  
PİLATİN S., KUNDUHOĞLU B., DAL H.  
biyoteknoloji, Turkey, 28 - 30 October 2007
- XXII. **Ultrasound ve Eugenol ün birlikte kullanımının Listeria monocytogenes ve Escherichia coli inaktivasyonu üzerine etkisi**  
PİLATİN S., KUNDUHOĞLU B.  
BİYOTEKNOLOJİ, Turkey, 28 - 30 October 2007
- XXIII. **Inactivation of Escherichia coli in Pomegranate Juice by Sonication**  
KUNDUHOĞLU B., ÇOKSÖYLER F. N., PİLATİN S.  
gıda kongresi, 04 July 2007
- XXIV. **Pleurotus sajor caju ile Tekstil Boyarmaddelerinin Renginin Giderimi**  
PİLATİN S., KUNDUHOĞLU B.  
Biyoloji, Turkey, 26 - 28 June 2006
- XXV. **Tekstil Boyalarının Tarımsal Atıklar Kullanılarak Fiziksel Giderimi ve Boya Adsorbe Olmuş Atıkların Solid State Fermantasyonu**  
KUNDUHOĞLU B., PİLATİN S., senem ç., burçin d.  
biyoloji, Turkey, 08 September 2005
- XXVI. **Nar Ekşisi ve Sumak Ekşisinin E Coli Q157 ve Listeria monocytogenes Üzerine Antimikrobiyal Etkisinin Belirlenmesi**  
KUNDUHOĞLU B., PİLATİN S.  
GIDA SEMPOZYUMU, Turkey, 24 September 2004
- XXVII. **Decolorization Of Textile Dyes By Trametes versicolor**  
PİLATİN S., KUNDUHOĞLU B.  
international congress of micropaleontology microbiology and meiobenthology, 13 - 18 September 2004
- XXVIII. **Eskişehir ili sınırlarında yetişen bazı bitkilerin antimikrobiyal potansiyelleri**  
KUNDUHOĞLU B., YAMAÇ M., PİLATİN S., OCAK A.  
biyoloji, Turkey, 04 September 2000

## Supported Projects

KUNDUHOĞLU B., HACIOĞLU S., Project Supported by Higher Education Institutions, Laktik Asit Bakterilerinin Gluten Hidrolize Etme Yeteneklerinin Belirlenmesi, 2020 - 2021

## Metrics

Publication: 47

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H-Index (Scopus): 10