

Res. Asst. TUĞBA ÖZGÖREN CAN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Marmara University, Faculty of Engineering, Bioengineering, Turkey 2017 - Continues

Postgraduate, Marmara University, Faculty of Engineering, Bioengineering, Turkey 2014 - 2017

Undergraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Biyomühendislik Bölümü, Turkey 2008 - 2014

Foreign Languages

German, C1 Advanced

English, C1 Advanced

Dissertations

Postgraduate, Production of polyhydroxyalkanoate from extreme obligate alkaliphilic strain *Bacillus marmarensis* GMBE 72T isolated from mushroom compost, Marmara University, Faculty of Engineering, Bioengineering, 2017

Research Areas

Biotechnology and Genetics, Nanotechnology, Biotechnological Processes and Fermentation Technology, Biomaterials, Plant Tissue Culture, Plant Breeding and Genetics, Bioinformatics, Biotechnology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Bioengineering, 2018 - Continues

Research Assistant, Adana Alparslan Türkeş Science And Technology University, Faculty Of Engineering And Natural Sciences, Department Of Bioengineering, 2014 - 2018

Research Assistant, Marmara University, Faculty of Engineering, Bioengineering, 2014 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

1. Green synthesis and characterization of Fe₂O₃, ZnO and TiO₂ nanoparticles and searching for their

potential use as biofertilizer on sunflower

ÖZGÖREN CAN T., AYDIN Y., UTKAN G., ALTINKUT UNCUOĞLU A.

Physiology and Molecular Biology of Plants, vol.30, no.9, pp.1429-1447, 2024 (SCI-Expanded)

II. Assessment of poly(3-hydroxybutyrate) synthesis from a novel obligate alkaliphilic Bacillus marmarensis and generation of its composite scaffold via electrospinning

ÖZGÖREN CAN T., PİNAR O., BOZDAG G., DENİZCI A. A., GÜNDÜZ O., HATIR P. C., KAZAN D.

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.119, pp.982-991, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Investigation of Different Nanoparticles as Potential Fertilizer for Sunflowers

Özkurt K., Özgören Can T., Erdim E., Aydın Y., Özden Çiftçi Y., Altinkut Uncuoğlu A.

II. International Green Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2019, pp.49

II. Development of a promising electrospun bacterial cellulose-PHB scaffold for tissue engineering

BOZDAĞ G., CAN T., PİNAR O., GÜNDÜZ O., KAZAN D.

18th European Congress On Biotechnology, 1 - 04 July 2018

III. Investigation of the Relevant Medium Components for Bacterial Cellulose Production from

Komagataeibacter hansenii DSM 5602 and PHB production from Bacillus marmarensis GMBE 72T

BOZDAĞ G., ÖZGÖREN CAN T., KAZAN D.

International Eurasian Conference On Biological And Chemical Sciences, 26 - 27 April 2018

IV. Poly(3-hydroxybutyrate) kaynağı Bacillus marmarensis GMBE 72T (DSM 21297)

ÖZGÖREN T., BOZDAĞ G., PİNAR O., DENİZCI A., KAZAN D.

VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Turkey, 4 - 07 September 2016

V. Utilisation of poly(3-hydroxybutyrate) from Bacillus marmarensis GMBE 72T (DSM21297) as scaffold

Ozgoren T., Bozdag G., Sirin B., Cimenoglu C., Pinar O., Denizci A. A., Kazan D.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.317

VI. Effect of Different Carbon Sources on the Production of Poly(3-hydroxybutyrate) from Bacillus marmarensis GMBE 72T

ÖZGÖREN T., PİNAR O., AKIN D., UTKAN G., KAZAN D.

VII. Bioengineering Congress (BEC), 19 - 21 November 2015

VII. Response of novel Bacillus marmarensis GMBE 72(T) to extreme conditions: Poly (3-hydroxybutyrate)

Ozgoren T., Pinar O., Denizci A. A., Kazan D.

40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.83

Metrics

Publication: 10

Citation (WoS): 6

Citation (Scopus): 8

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

Bikar İlaç San. Ve Tic. Ltd. Şti. (İstanbul)
Membrana GmbH (Almanya-Wuppertal)
Dortmund Technische Universität