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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-8072-2020

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Education Information

Doctorate, Bilecik Seyh Edebali University, Fen Bilimleri Enstits, Molekler Biyoloji Ve Genetik (Dr) (Anadolu niv. Ortak), Turkey 2018 - 2024

Postgraduate, Erciyes University, Saęlık Bilimleri Enstits, Biyoinformatik (Yl) (Tezli), Turkey 2015 - 2017

Undergraduate, Bilecik Seyh Edebali University, Fen-Edebiyat Fakltesi, Molekler Biyoloji Ve Genetik Blm, Turkey 2010 - 2014

Dissertations

Doctorate, GENOMIC AND TRANSCRIPTOMIC ANALYSIS OF RESISTANCE MECHANISMS OF ESCHERICHIA COLI STRAINS WITH DIFFERENT LEVELS OF AMPICILLIN RESISTANCE, Bilecik Seyh Edebali University, Rektrlk, -, 2024

Postgraduate, İNSAN GENOMUNA AİT YENİ NESİL DİZİLEME VERİLERİNİN ANALİZİ İÇİN WEB TABANLI BİYOİNFORMATİK ARAÇLARIN GELİŞTİRİLMESİ, Erciyes University, Saęlık Bilimleri Enstits, Biyoinformatik (Yl) (Tezli), 2017

Research Areas

Life Sciences, Bioinformatics, Bacteriology, Genomics, Microbial Genetics

Academic Titles / Tasks

Lecturer, Bilecik Seyh Edebali University, Rektrlk, -, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Resistance mechanism of Escherichia coli strains with different ampicillin resistance levels
TRKYILMAZ O., DARCAN C.
Applied Microbiology and Biotechnology, vol.108, no.1, pp.1-14, 2024 (SCI-Expanded)
- II. Synthesis, structural characterization and antimicrobial activities of cyclochlorotriphosphazene

derivatives derived from N-(1-Naphthyl)ethylenediamine

TÜRE S., DARCAN C., TÜRKYILMAZ O., Kaygusuz Ö.

Phosphorus, Sulfur and Silicon and the Related Elements, vol.195, no.6, pp.507-515, 2020 (SCI-Expanded)

III. DolphinNext: A distributed data processing platform for high throughput genomics

Yukselen O., TÜRKYILMAZ O., Ozturk A. R., Garber M., Kucukural A.

BMC Genomics, vol.21, no.1, 2020 (SCI-Expanded)

IV. The reactions of hexachlorocyclotriphosphazene with piperidine, N-(1-naphthyl)ethylenediamine and 2-(2-hydroxyethylamino)ethanol. Antimicrobial activities of iminodiethoxy-substituted cyclotriphosphazene derivatives

Kaygusuz Ö., Çetin G., TÜRKYILMAZ O., DARCAN C., TÜRE S.

Phosphorus, Sulfur and Silicon and the Related Elements, vol.196, no.2, pp.95-105, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. The Emergence and Preventability of Globally Spreading Antibiotic Resistance: A Literature Review

Türkyılmaz O., Darcan C.

Pleiades Publishing Ltd, vol.13, no.6, pp.578-589, 2023 (Peer-Reviewed Journal)

II. Overview of Next Generation Sequencing Technology

DARCAN C., TÜRKYILMAZ O.

Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.5, no.1, pp.41-49, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Farklı Seviyelerde Ampisilin Dirençli Escherichia coli Suşlarının Bazı Metal ve Antibiyotiklere Karşı Duyarlılığının Araştırılması

TÜRKYILMAZ O., DARCAN C.

12. Uluslararası Akademik Araştırmalar Kongresi (ICAR), Turkey, 19 - 20 December 2023

II. Genomic and Transcriptomic Analysis of Resistance Mechanisms of Escherichia coli Strains with Different Levels of Ampicillin Resistance

TÜRKYILMAZ O., DARCAN C.

11. Uluslararası Akademik Araştırmalar Kongresi (ICAR), Turkey, 25 - 26 July 2023

III. DolphinNext: A graphical user interface for creating, deploying and executing Nextflow pipelines

KÜÇÜKURAL A., GARBER M., YÜKSELEN O., TÜRKYILMAZ O., ÖZTÜRK A. R., GIRARD I., MARTIN R.

ABRF 2020, CA, United States Of America, 29 February 2020, vol.31

Supported Projects

Türkyılmaz O., Darcan C., TUBITAK Project, Adaptif Olarak Direnç Kazandırılmış Escherichia coli'de ampC Promotor Mutasyonunun Etkisinin Doğrulanması, 2022 - 2023

Türkyılmaz O., Darcan C., TUBITAK Project, Farklı Seviyelerde Ampisilin Dirençli Escherichia coli Suşlarının Direnç Mekanizmalarının Genomik ve Transkriptomik Analizi, 2021 - 2023

TÜRKYILMAZ O., TUBITAK Project, YNS Multiplex PCR Kiti, 2016 - 2017