

Asst. Prof. ZEYNEP GİRGIN ERSOY



Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAI-2370-2019

ScopusID: 57190352202

Yoksis Researcher ID: 136616

Education Information

2013 - 2021	Doctorate, Gebze Technical University, Institute Of Science, Moleküler Biyoloji ve Genetik, Turkey
2010 - 2013	Postgraduate, Gebze Technical University, Institute Of Science, Moleküler Biyoloji ve Genetik, Turkey
2006 - 2011	Undergraduate, Anadolu University, Faculty Of Business Administration (Open Education), İşletme, Turkey
2004 - 2008	Undergraduate, Gazi University, Fen Fakültesi, Biyoloji, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

2022	DENEY HAYVANLARI KULLANIM SERTİFİKASI, Vocational Course, Bursa Uludag University
2021	EĞİTİMCİNİN EĞİTİMİ EĞİTİM SERTİFİKASI, Education Management and Planning, GEBZE TEKNİK ÜNİVERSİTESİ SÜREKLİ EĞİTİM UYGULAMA VE ARAŞTIRMA MERKEZİ

Research Areas

Environmental Biotechnology, Industrial Biotechnology, Microbial Biotechnology, Microbiology, Molecular Biology and Genetics, Microbial Genetics

Academic Titles / Tasks

2022 - Continues	Assistant Professor, Bursa Uludağ University, SAĞLIK HİZMETLERİ MYO, TIBBİ HİZMETLER VE TEKNİKLER
2021 - 2022	Lecturer PhD, Bursa Uludağ University, SAĞLIK HİZMETLERİ MYO, TIBBİ HİZMETLER VE TEKNİKLER
2010 - 2021	Research Assistant, Gebze Technical University, Faculty Of Basic Sciences, Department Of Molecular Biology And Genetics

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Higher nisin yield is reached with glutathione and pyruvate compared with heme in *Lactococcus lactis* N8**
Ersoy Z., Kayihan C., Tunca S.
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.51, no.3, pp.1247-1257, 2020 (SCI-Expanded)
- II. **Comparative evaluation of disinfection mechanism of sodium hypochlorite, chlorine dioxide and electroactivated water on *Enterococcus faecalis***
Ersoy Z., Dinc O., Cinar B., Gedik S. T., Dimoglo A.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.102, pp.205-213, 2019 (SCI-Expanded)
- III. **Mechanisms of the *Escherichia coli* and *Enterococcus faecalis* inactivation by ozone**
Ersoy Z., Barisci S., Dinc O.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.100, pp.306-313, 2019 (SCI-Expanded)
- IV. **The Application of an Electro-Peroxone Process in Water and Wastewater Treatment**
Turkay O., Ersoy Z., Barisci S.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.164, no.6, 2017 (SCI-Expanded)
- V. **High levels of polyphosphate kinase affect not only endotoxin production but also acid tolerance of *Bacillus thuringiensis***
Doruk T., Girgin Ersoy Z., Oncel M. S., Tunca Gedik S.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.6, pp.1168-1178, 2016 (SCI-Expanded)

Supported Projects

2023 - 2024	Heterologous production of antimicrobial peptides that can be used against COVID-19 in <i>Corynebacterium glutamicum</i> bacteria and testing the efficacy of these proteins on SARS-CoV-2 pseudoparticles, TUBITAK Project
2021 - 2022	Bakteriyel resveratrol sentezinde elektro aktive edilmiş peynir altı suyunun kullanımı, TUBITAK Project
2017 - 2018	Hibrit Eperokzon Prosesinin Bakterisidal ve Sporosidal Etkinliğinin Hücresel Boyutta İncelenmesi, TUBITAK Project
2014 - 2015	The effect of multiple copies of <i>rpiA</i> gene of <i>Lactococcus lactis</i> on nisin biosynthesis, Project Supported by Higher Education Institutions
2013 - 2014	The effect of multiple copies of <i>fhuR</i> gene of <i>Lactococcus lactis</i> on nisin biosynthesis, Project Supported by Higher Education Institutions

Metrics

Publication: 6
Citation (WoS): 126
Citation (Scopus): 131
H-Index (WoS): 3
H-Index (Scopus): 3

Scholarships

2015 - 2015	Short term fellowship, Other International Organizations
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