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International Researcher IDs

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Education Information

Doctorate, Bursa Technical University, Institute Of Science, Department Of Biotechnology (Interdisciplinary), Turkey
2020 - Continues

Postgraduate, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Gıda Mühendisliği, Turkey 2017 - 2019

Undergraduate, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Gıda Mühendisliği, Turkey 2015 - 2017

Dissertations

Postgraduate, Kitosan Nanokompozit Filmlerin Antimikrobiyal Etkinliğinin Arttırılması, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Gıda Mühendisliği, 2019

Research Areas

Food Microbiology, Food Biotechnology

Academic Titles / Tasks

Research Assistant, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Gıda Mühendisliği, 2020 - Continues
Researcher, Höğskolan i Boras (University College of Boras), 2023 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- Machine Learning-Assisted Near- and Mid-Infrared spectroscopy for rapid discrimination of wild and farmed Mediterranean mussels (*Mytilus galloprovincialis*)**
AYVAZ H., TEMİZKAN R., KAYA B., Salman M., Menevseoglu A., AYVAZ Z., Gunes N., Ali Dogan M., Mortaş M.
Microchemical Journal, vol.196, 2024 (SCI-Expanded)
- Development of novel biodegradable film based on chitosan with borax (sodium tetraborate) and boron nitride and their biological activity**
KAYA B., DEMİREL ZORBA N. N., CANER C.
International Journal of Food Science and Technology, vol.58, no.2, pp.890-897, 2023 (SCI-Expanded)
- Carbapenem resistance and biofilm formation status of Enterobacterales isolated from raw milk via molecular versus phenotypic methods**

ÖZDİKMENLİ TEPELİ S., Numanoglu Cevik Y., Tosun M. N., Taylan Yalcin G., KAYA B., İPEK D., Bakkaloglu Z., Simsek H., DEMİREL ZORBA N. N.

Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology, vol.116, no.1, pp.67-80, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Seafood Consumption in Yenice and Bayramiç Districts of Çanakkale**
Selvi K., Kaya B., Özdikmenli Tepeli S., Kandemir G.
ACTA AQUATICA TURCICA, vol.18, no.1, pp.93-108, 2022 (Peer-Reviewed Journal)
- II. **Therapeutic Effect of Honey on blaCTX-M Positive and Biofilm-Producing Entrobacterales Isolated from Bovine Mastitis**
ÖZDİKMENLİ TEPELİ S., KAYA B., İPEK D.
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, 2022 (ESCI)
- III. **DETERMINATION OF PHYSICO-CHEMICAL, ANTIOXIDANT, ANTIMICROBIAL AND ANTIQUORUM SENSING PROPERTIES OF CHITOSAN FILMS INCORPORATED WITH ETHYL PYRUVATE FILMS**
Kaya B., Demirel Zorba N. N., Caner C.
The journal of Food, vol.46, no.6, pp.1425-1439, 2021 (Peer-Reviewed Journal)
- IV. **Alternaria Genusu Üyelerinin Meyve ve Sebzeler Üzerine Etkileri**
Kaya B., Demirel Zorba N. N.
The journal of Fungus, vol.12, no.2, pp.223-239, 2021 (Peer-Reviewed Journal)
- V. **Evaluation of seasonal changes in terms of irrigation water quality of Terzialan Pond (Çan, Çanakkale)**
Selvi K., Kaya B., Özdikmenli Tepeli S., Kandemir G.
Ege Journal of Fisheries and Aquatic Sciences, vol.38, no.3, pp.317-328, 2021 (ESCI)
- VI. **The effect of different commercial washing solutions on sweet cherry microbial quality**
Kaya B., Cınar A., Sobacı F.
İstanbul Sabahattin Zaim Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.3, no.3, pp.184-188, 2021 (Peer-Reviewed Journal)
- VII. **Comparison of Efficacy of DRBC and DG18 Media Used for Determination of Mold and Yeast Loads in Various Foods with Different Water Activity**
Kaya B., Demirel Zorba N. N.
Ordu Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, no.2, pp.206-214, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Lactobacillus casei ile Teff bazlı probiyotik fermente peynir altı suyu içeceği geliştirilmesi**
ÖZGENÇ H., KAYA B., YÜCEER Y.
1. Gıda Bilimi ve Teknolojisinde Yenilikçi Yaklaşımlar Kongresi 2023, 28 - 29 September 2023
- II. **FARKLI TİCARİ KÜLTÜRLERDEN ÜRETİLEN YOĞURT SERUMLARININ BAZI ÖZELLİKLERİNİN BELİRLENMESİ**
Elmas E. T., Kaya B., Yüceer Y.
ANDIRMA ONYEDİ EYLÜL ÜNİVERSİTESİ TRAKYA ÜNİVERSİTELER BİRLİĞİ V. LİSANSÜSTÜ ÖĞRENCİ KONGRESİ
2021, 4 - 05 November 2021, pp.37
- III. **ANTİMİKROBİYAL AJAN OLARAK Metschnikowia pulcherrima**
Kaya B., Çelebi Uzkuç N. M., Kırca Toklucu A., Yüceer Y.
BANDIRMA ONYEDİ EYLÜL ÜNİVERSİTESİ TRAKYA ÜNİVERSİTELER BİRLİĞİ V. LİSANSÜSTÜ ÖĞRENCİ KONGRESİ
2021, 04 November 2021 - 05 May 2022, pp.38
- IV. **The Determinants of Carbon Footprint in Dairy Industry**

Kaya B., Yüceer Y.

International Global Climate Change Congress, Çanakkale, Turkey, 3 - 05 June 2021, pp.230

V. **Determination of Foodborne Pathogens and Some Hospital Isolates Biofilm Formation Ability**

Altuntaş S., Kaya B., Cınar A.

International Congress on Biological and Health Sciences, Afyonkarahisar, Turkey, 26 February 2021 - 28 May 2022, pp.117-128

VI. **Kitosan Bazlı Etil Pirüvat Filmlerin Antibakteriyel ve Antifungal Etkisinin Belirlenmesi**

KAYA B., ZORBA N. N., CANER C.

Türkiye 13. Gıda Kongresi, 21 October 2020

VII. **Bitki Kaynaklı Gıdalarda Bulunan Polifenollerin Sitotoksik Etkisi**

CİNAR A., KAYA B.

Türkiye 13. Gıda Kongresi, 21 October 2020

VIII. **Çiğ Sütlerde Genişletilmiş Spektrumlu Beta-Laktamaz Üreten Enterobacterales Suşları ve Biyofilm Özellikleri**

ÖZDİKMENLİ TEPELİ S., Tosun M., Taylan G., KAYA B., İPEK D., ZORBA N. N.

1. Ulusal Tek Sağlık Sempozyumu, Turkey, 21 November 2019 - 21 November 2020

IX. **Determination of Antibacterial and Antifungal Properties of Chitosan Based Nanocomposite Films Prepared with Borax and Boron Nitride**

KAYA B., ZORBA N. N.

1st International Erciyes Agriculture, Animal and Food Sciences Conference, 24 April 2019

X. **Phenotypic Identification of Potential Mycotoxin Producing Alternaria Species Isolated from Bozcaada Karalahna and Çavus Grapes**

KAYA B., ÖZCAN ATEŞ G., ZORBA N. N.

1st International Erciyes Agriculture, Animal and Food Sciences Conference, 24 April 2019

Metrics

Publication: 20

Citation (WoS): 5

Citation (Scopus): 8

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H-Index (Scopus): 2