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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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of novel biodegradable film based on chitosan with borax (sodium tetraborate) and boron nitride and their biological activity**
Kaya B., Demirel Zorba N. N. , Caner C.
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.57, pp.1-8, 2022 (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.

Su Ürünleri Dergisi, 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. **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
- 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. **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
- IV. **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
- V. **Bitki Kaynaklı Gıdalarda Bulunan Polifenollerin Sitotoksik Etkisi**
CİNAR A., KAYA B.
Türkiye 13. Gıda Kongresi, 21 October 2020
- 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. **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
- VIII. **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
- IX. **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

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Publication: 17