



Vol. 12 No. s2 (2024): Special Issue by Food Science & Nutrition

Research Paper

- Potential of Nisin and Newly Discovered Bacteriocins as Preservatives for Pasteurised Milk**
Getrude Okiko, Ivan Sugrue, Fredrick O. Ogutu, Paul Ross 2196-2205
- Detection of Pea and Spinach Adulteration in Pistachio Nuts using a Low-Cost Spectral Sensor**
Beyza Türköz, Muhammed Mustafa Özçelik, Sebhattin Serhat Turgut 2206-2215
- The Concept of Edible Insect and its Use in Bakery Products: Investigation of Sensory Quality of Cookies Containing Edible Locust (*Locusta migratoria*)**
Servet Kazım Güney, İrem Bedir, Emre Sarıal 2216-2221
- The Determinants of Recall Event Timing of Contaminated Frozen Poultry Products in Retail Outlets in North-Central Nigeria**
Emeka Solomon Fidelis; Moradeyo Adebajo Otitoju, Park Odojoma Idisi, Ugochukwu Emmanuel Anazo, David 2222-2233
- On The Pros and Cons of Using Excel for Regression Analysis**
Sencer Buzrul 2234-2241
- Investigation of Knowledge, Attitudes and Behaviours of University Students/Consumers About Organic Animal Products**
Oğulcan Aral, Yusuf Cufadar 2242-2256
- Antioxidative, Antimicrobial Activities and Fatty Acid Compositions of Four Agarics**
Şükrü Canpolat, Elif Yürümez Canpolat, Yasemin İşlek, Ilgaz Akata, Cemil İşlek 2257-2265
- In-vitro Antimicrobial Activity of ZnO Nanoparticles Produced by Hydrothermal Method Against Some Foodborne Pathogens**
Pınar Karatepe, Müzeyyen Akgöl, Sinem Bayrak, Gökhan Kürşad İncili 2266-2271
- Optimization of Sesame Roasting Conditions with Air Fryer and Comparison of Its Properties with Conventional Roasting**
Mustafa Şamil Argun, Abdullah Kurt 2272-2281
- Effects of Ultrasound Application on the Improvement of Probiotic Properties and Antioxidant Activity of *Kluyveromyces marxianus*, *Saccharomyces cerevisiae* var. *boulardii* and *Saccharomyces cerevisiae***
Hamza Goktas, Demet Turali, Cansu Agan, Osman Sagdic 2282-2291
- Investigation of the Antioxidant Potential of Kombucha Prepared Using *Salvia officinalis* L.**
Cihan Düşgün 2292-2297
- Changes in Phenolic, Flavonoid and Antioxidant Capacity of Gluten-Free Crackers Enriched with Pomegranate Seeds During In Vitro Gastrointestinal Digestion**
Zehra Gülsünoğlu Konuşkan, Büşra Göz 2298-2305
- Enhancing Culinary Operations Through Fuzzy Logic: A Case Study in the Catering Industry**
Murat Doğan 2306-2316



Assessment of Traditional and Commercial Rosehip Marmalade Samples: Physicochemical, Antioxidant, and Antibacterial Properties in Gümüşhane Province

Fırat Yılmaz

2317-2327

Investigation of the Pesticide Residues and Elemental Composition in Tomato and Cucumber samples in Tekirdağ (Türkiye) and Mamuşa (Kosova)

Serap Duraklı Veliöğlu, Kadir Gürbüz Güner, Zana Sahiti Mehmeti, Özgür Sağlam, Hasan Murat Veliöğlu

2328-2337

Investigation of the Physicochemical, Beneficial Microorganism, and Bioactive Properties of Colostrum Samples from Different Sheep and Goat Breeds: The Case of Burdur Province

Pelin Ertürkmen, Türker Atçalı, Esra Uğur Geçer

2338-2346

The Phenolic Content and Antioxidant Capacity of Pumpkin, Rosehip and Pomegranate Seeds

Sena Bakır

2347-2354

The Functional Aspects of Spices Used in Turkish Cuisine

Özlem Özer Altundağ, Ufuk Samav

2355-2367

The Effect of Lactobacillus rhamnosus on AFM1 Detoxification in Ice Cream

Tuğba Demir, Soner Tutun

2368-2374

Review Articles

Bacteriocins as Food Bio-preservatives: Mechanism of Action, Purification and Characterization

Berna Öztürk, İlkin Şengün

2375-2397

Carbon Dots and Their Potential Usage in Food Analysis

Eren Küllük, Ali Gücükoğlu

2398-2406

Trends in Coconut Brown Sugar Production – A Review of Health and Future Prospect in the Industry

Frederick Sarpong, Domoinic Anning, Charlotte Oduro-Yeboah

2407-2414

Use of Nanoemulsion Technology in Dairy Industry

Binnur Kaptan

2415-2428

Microbial Exopolysaccharides, Their Structures, Formation Mechanisms, and Effects on Human Health: Food-Related Microorganisms

Afranur Özçoban, Ayşe İlayda Boyacı, Hale İnci Öztürk

2429-2440

Applications and Development Potential of Nano-Biotechnology in Biomedical and Health Areas

Leila Mehdizadehtapeh

2441-2450



Editorial Team

Editor in chief

Prof. Dr. Musa Sarıca, Ondokuz Mayıs University, Türkiye

Associate Editor

Prof. Dr. Hasan Eleroğlu, Sivas Cumhuriyet University, Türkiye

Prof. Dr. Ahmet Şekeroğlu, Ömer Halisdemir University, Türkiye

Prof. Dr. Sedat Karaman, Tokat Gaziosmanpaşa University, Türkiye

Manuscript Editor

Dr. Kadir Erensoy, Ondokuz Mayıs University, Türkiye

Editorial Board

Prof. Dr. Ebubekir Altuntaş, Tokat Gaziosmanpaşa University, Türkiye

Prof. Dr. Mustafa Avcı, Niğde Ömer Halisdemir University, Niğde, Türkiye

Prof. Dr. Zeki Bayramoğlu, Selçuk University, Türkiye

Prof. Dr. Kezban Candoğan, Ankara University, Türkiye

Prof. Dr. Yusuf Cufadar, Selçuk University, Türkiye

Prof. Dr. Mahmut Çetin, Çukurova University, Türkiye

Prof. Dr. Suat Dikel, Çukurova University, Türkiye

Prof. Dr. Hasan Eleroğlu, Sivas Cumhuriyet University, Türkiye

Prof. Dr. Naif Geboloğlu, Tokat Gaziosmanpaşa University, Türkiye

Prof. Dr. Orhan Gündüz, Malatya Turgut Özal University, Türkiye

Prof. Dr. Leyla İdikut, Kahramanmaraş Sütçü İmam University, Türkiye

Prof. Dr. Sedat Karaman, Tokat Gaziosmanpaşa University, Türkiye

Prof. Dr. Mustafa Karhan, Akdeniz University, Türkiye

Prof. Dr. Hüseyin Karlıdağ, İnönü University, Türkiye

Prof. Dr. Muharrem Kaya, Isparta Uygulamalı Bilimler University, Türkiye

Prof. Dr. Halil Kızılaslan, Tokat Gaziosmanpaşa University, Türkiye

Prof. Dr. Kürşat Korkmaz, Ordu University, Türkiye

Prof. Dr. Yusuf Ziya Oğrak, Sivas Cumhuriyet University, Türkiye

Prof. Dr. Bahri Devrim Özcan, Çukurova University, Türkiye

Prof. Dr. Kadir Saltalı, Kahramanmaraş Sütçü İmam University, Türkiye

Prof. Dr. Zeliha Selamoğlu, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Ahmet Şahin, Kırşehir Ahi Evran University, Türkiye

Prof. Dr. Ahmet Şekeroğlu, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Yusuf Yanar, Tokat Gaziosmanpaşa University, Türkiye

Prof. Dr. Arda Yıldırım, Tokat Gaziosmanpaşa University, Türkiye

Prof. Dr. Metin Yıldırım, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Zeliha Yıldırım, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Sertaç Güngör, Selçuk University, Türkiye

Prof. Dr. Hasan Tangüler, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Adnan Ünal, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Hatıra Taşkın, Çukurova University, Türkiye

Assoc. Prof. Dr. Ahmed Menevşeoğlu, Ağrı İbrahim Çeçen University, Türkiye

Assoc. Prof. Dr. Cem Baltacıoğlu, Niğde Ömer Halisdemir University, Türkiye

Assoc. Prof. Dr. Hasan Gökhan Doğan, Kırşehir Ahi Evran University, Türkiye

Assoc. Prof. Dr. Ekrem Mutlu, Kastamonu University, Türkiye



Assoc. Prof. Dr. Cem Okan Özer, Nevşehir Hacı Bektaş Veli University, Türkiye
Assoc. Prof. Dr. Emre Şirin, Ahi Evran Üniversitesi, Türkiye
Dr. Emre Aksoy, Middle East Technical University, Türkiye
Dr. Mustafa Duman, Niğde Ömer Halisdemir University, Türkiye
Dr. Burak Şen, Omer Halisdemir University, Türkiye

Section Editors

Prof. Dr. Alper Durak, İnönü University, Türkiye
Prof. Dr. Gülistan Erdal, Tokat Gaziosmanpaşa University, Türkiye
Prof. Dr. Zeki Gökalp, Erciyes University, Türkiye
Prof. Dr. Rüştü Hatipoğlu, Cukurova University, Türkiye
Prof. Dr. Teoman Kankılıç, Niğde Ömer Halisdemir University, Türkiye
Prof. Dr. Osman Karkacier, Akdeniz University, Türkiye
Prof. Dr. G. Tamer Kayaalp, Cukurova University, Türkiye
Prof. Dr. Nuray Kızılaslan, Tokat Gaziosmanpaşa University, Türkiye
Prof. Dr. Hasan Rüştü Kutlu, Cukurova University, Türkiye
Prof. Dr. Hülya Eminçe Saygı, Ege University, Türkiye
Prof. Dr. İbrahim Tapkı, Mustaf Kemal University, Türkiye
Prof. Dr. Faruk Toklu, Çukurova University, Türkiye
Prof. Dr. Necati Barış Tuncel, Onsekiz Mart University, Türkiye
Prof. Dr. Erkan Yalçın, Ondokuz Mayıs University, Türkiye
Prof. Dr. Durdane Yanar, Tokat Gaziosmanpaşa University, Türkiye
Assoc. Prof. Dr. Hüsnü Aktaş, Mardin Artuklu University, Türkiye
Assoc. Prof. Dr. Hatun Barut, Ministry of Agriculture and Forestry, Türkiye
Assoc. Prof. Dr. Berken Cimen, Cukurova University, Türkiye
Prof. Dr. Nazlı Ercan, Cumhuriyet University, Türkiye
Prof. Dr. Cemal Kurt, Cukurova University, Türkiye
Assoc. Prof. Dr. Muhammad Azhar Nadeem, Sivas University of Science and Technology, Türkiye
Assoc. Prof. Dr. Uğur Serbester, Çukurova University, Türkiye
Assoc. Prof. Dr. Mustafa Sevindik, Osmaniye Korkut Ata University, Türkiye
Assoc. Prof. Dr. Özhan Şimsek, Erciyes University, Türkiye
Assoc. Prof. Dr. Gökhan Baktemur, Sivas University of Science and Technology, Türkiye
Dr. Sara Yasemin, Siirt University, Türkiye
Dr. Brian Tanika, Niğde Ömer Halisdemir University, Türkiye

Regional Editors

Prof. Dr. Mohammad Abdul Baki, Jagannath University, Bangladesh
Prof. Dr. Himayatullah Khan, Agricultural University, Pakistan
Prof. Dr. Abderrahim Benslama, University of M'sila, Algeria
Prof. Dr. Md. Parvez Anwar, Bangladesh Agricultural University, Bangladesh
Prof. Dr. Mohammad Bagher Hassanpouraghdam, University of Maragheh, Iran
Assoc. Prof. Dr. Allah Bakhsh, University of the Punjab, Pakistan
Prof. Dr. Aimee Sheree Adato Barrion, University of the Philippines, Philippines
Assoc. Prof. Dr. Claudio Ratti, University of Bologna, Italy
Assoc. Prof. Dr. Dima Alkadri, Jerash University, Jordan
Prof. Dr. Fernanda Cortez Lopes, Federal University of Rio Grande do Sul, Brazil
Assoc. Prof. Dr. Gheorghe Cristian Popescu, University of Pitesti, Romania
Prof. Dr. Idrees A. Nasir, University of the Punjab, Pakistan
Assoc. Prof. Dr. Jelena Zindovic, University of Montenegro, Montenegro
Assoc. Prof. Dr. Muhammad Amjad Ali, University of Agriculture, Pakistan
Assoc. Prof. Dr. Muhammad Naeem Sattar, King Faisal University Al-Ahsa, Saudi Arabia



Dr. Muhammad Rizwan Shafiq, University of Agriculture Faisalabad, Pakistan
Assoc. Prof. Dr. Muhammad Qasim Shahid, South China Agricultural University, China
Assoc. Prof. Dr. Muhammad Younas Khan, University of Balochistan, Pakistan
Assoc. Prof. Dr. Neelesh Sharma, Sher-E-Kashmir University of Agricultural Sciences & Technology, India
Assoc. Prof. Dr. Noosheen Zahid, University of Poonch Rawalakot, Malezya
Assoc. Prof. Dr. Mihaela Ivancia, University of Iasi, Romania

Statistics Editor

Prof. Dr. Soner ankaya, Ondokuz Mayıs University, Türkiye
Prof. Dr. Hüdaverdi Bircan, Sivas Cumhuriyet University, Türkiye
Prof. Dr. Adnan Ünalın, Niğde Ömer Halisdemir University, Türkiye

Foreign Relations

Dr. Emre Aksoy, Middle East Technical University, Türkiye



Indexes

Turkish Journal of Agriculture - Food Science and Technology (TURJAF) is indexed by the following national and international scientific indexing services:

- [Directory of Open Access Journals \(DOAJ\)](#),
- [National Library of Australia \(TROVE\)](#),
- [WorldCat libraries\(WorldCat\)](#),
- [Ingenta \(Ingenta \)](#),
- [World Agricultural Economics and Rural Sociology Abstracts \(CABI \)](#),
- [Google \(Scholar \)](#),
- [Crossref \(Journals\)](#),
- [Sobid Citation Index](#),
- [SciMatic \(SciMatic\)](#),
- [The Food and Agriculture Organization \(AGRIS\)](#),
- [Idealonline Index](#),
- [Scilit \(SCILIT\)](#),
- [Weill Cornell Medicine - Qatar](#),
- [Indiana University Kokomo](#),
- [Academic Search Engine \(SCINAPSE\)](#),
- [Fatcat Editor \(FATCAT\)](#),
- [Academic Research Index \(ACARINDEX\)](#),
- [Information Matrix for the Analysis of Journals \(MIAR\)](#),
- [National Library of Medicine](#)
- [EBSCO host](#)
- [Originally called the European Reference Index for the Humanities or ERIH \(ERIH PLUS\)](#)
- [The Turkish Academic Network and Information Centre \(ULAKBIM\)](#),
- [ULAKBIM TR Index list of Journals \(TR-INDEX\)](#)



This work is licensed under [Creative Commons Attribution 4.0 International License](#)

ISSN: 2148-127X



Turkish JAF Sci.Tech.



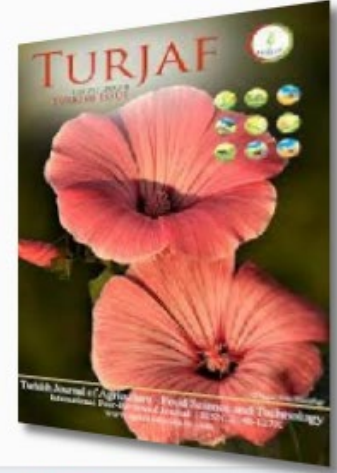
TR – DİZİN Bilgileri

Türk Tarım - Gıda Bilim ve Teknoloji dergisi

Makale Sayısı	Atıf Sayısı	Kendine Atıf Sayısı
2968	2931	854
Atıf Alan Makale Sayısı	Atıf Ortalaması	Kendine Atıf Oranı
1099	0,99	%29,14

Konu Kategorisi: Fen > Ziraat Fen > Mühendislik

Konu Alanları: Ziraat Mühendisliği Gıda Bilimi ve Teknolojisi



EI 88N: 2148-127X

İlk Yayın Yılı: 2013

Diziniendiği Yıllar: 2014-2024 (Fen)

Yayın Periyodu: Ocak, Şubat, Mart, Nisan, Mayıs, Haziran, Temmuz, Ağustos, Eylül, Ekim, Kasım, Aralık

Yayın Formatı: Elektronik

Yayın Dili: Türkçe | İngilizce

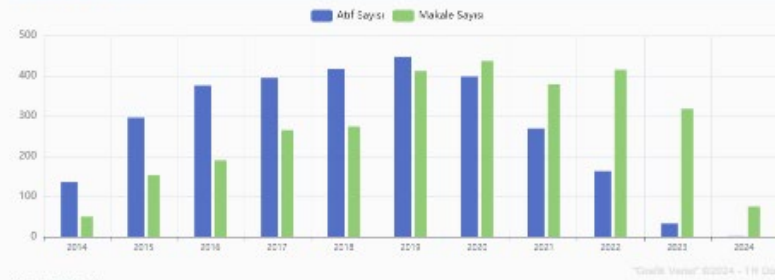
Editör: Hasan Eleroglu

Yayıncı: Turkish Science and Technology Publishing (TURSTEP)

Web Adresi: <http://www.agrifoodscience.com>



Makale & Atıf Sayısı



Makale Türleri

Araştırma Makalesi Deleme Diğer Olgu Sunumu Düzeltme