

ISSN 2331-513X

Volume 12 Number 3 2024



Food Science and Technology

<http://www.hrpub.org>

Horizon Research Publishing, USA

Food Science and Technology

Food Science and Technology is an international peer-reviewed journal that publishes original and high-quality research papers in all areas of food science. As an important academic exchange platform, scientists and researchers can know the most up-to-date academic trends and seek valuable primary sources for reference. The subject areas include, but are not limited to the following fields: Dietetics and Nutrition, Genetically Engineered Foods, Food Security and Sustainability, Food Chemistry, Food Engineering, Food Preservation and Storage, Food Microbiology, Diet and Health, Food Materials Science, Food Processing, Food Rheology, Food Safety/ Hygiene, Food and Environment, Food Marketing, Food Analysis, Food and Beverage Sciences, Complementary Food.

General Inquires

Publish with HRPUB, learn about our policies, submission guidelines etc.

Email: editor@hrpub.org

Tel: +1-626-626-7940

Subscriptions (Electronic Version Only)

Journal Title: Food Science and Technology

Journal's Homepage: http://www.hrpub.org/journals/jour_info.php?id=11

Publisher: Horizon Research Publishing Co., Ltd

Publication Frequency: bimonthly

Electronic Version: freely online available at http://www.hrpub.org/journals/jour_info.php?id=11

Online Submission

Manuscripts should be submitted by Online Manuscript Tracking System (<http://www.hrpub.org/submission.php>).

If you are experiencing difficulties during the submission process, please feel free to contact the editor at submission@hrpub.org.

Copyright

Authors retains all copyright interest or it is retained by other copyright holder, as appropriate and agrees that the manuscript remains permanently open access in HRPUB 's site under the terms of the Creative Commons Attribution International License (CC BY). HRPUB shall have the right to use and archive the content for the purpose of creating a record and may reformat or paraphrase to benefit the display of the record.

Creative Commons Attribution License (CC-BY)

All articles published by HRPUB will be distributed under the terms and conditions of the Creative Commons Attribution License(CC-BY). So anyone is allowed to copy, distribute, and transmit the article on condition that the original article and source is correctly cited.

Open Access

Open access is the practice of providing unrestricted access to peer-reviewed academic journal articles via the internet. It is also increasingly being provided to scholarly monographs and book chapters. All original research papers published by HRPUB are available freely and permanently accessible online immediately after publication. Readers are free to copy and distribute the contribution under creative commons attribution-non commercial licence. Authors can benefit from the open access publication model a lot from the following aspects:

- High Availability and High Visibility-free and unlimited accessibility of the publication over the internet without any restrictions;
- Rigorous peer review of research papers----Fast, high-quality double blind peer review;
- Faster publication with less cost---Papers published on the internet without any subscription charge;
- Higher Citation----open access publications are more frequently cited.

Food Science and Technology

Editor-in-Chief

Prof. Ryszard Amarowicz Polish Academy of Sciences, Poland

Deputy Editor-in-Chief

Prof. Michaela Dina Stanescu Politehnica University, Romania

Dr. Hamdy Abdel-Hady Zahran National Research Centre, Egypt

Dr. Sofia Agriopoulou University of the Peloponnese, Greece

Dr. Despina Tsiipi General Chemical State Laboratory, Greece

Members of Editorial Board

Prof. Elena Sorrentino University of Molise, Italy

Prof. Luciano Cinquanta University of Molise, Italy

Prof. Eduardo Hernández Technical University of Catalonia, Spain

Prof. Mustafa Ardiç Aksaray University, Turkey

Prof. Jasmine Lukinac Josip Juraj Strossmayer University of Osijek, Croatia

Dr. Maria Lisa Clodoveo University of Bari Aldo Moro, Italy

Dr. Aldo Todaro University of Palermo, Italy

Dr. Seyed Mehdi Nassiri Shiraz University, Iran

Dr. Diego Planeta University of Palermo, Italy

Dr. Joana Amaral Polytechnic Institute of Bragança, Portugal

Dr. Rakesh Jaiswal Jacobs University Bremen, Germany

Dr. Ajay Desai College of Fisheries Science, India

Dr. Miguel Vilas-Boas Polytechnic Institute of Bragança, Portugal

Dr. Valeria Righi University of Bologna, Italy

Dr. Hamid El Bilali Mediterranean Agronomic Institute of Bari, Italy

Dr. Rinaldo Botondi University of Tuscia, Italy

Dr. Maria Hayes Teagasc Food Research Centre, Ireland

Dr. Rosa Palmeri University of Catania, Italy

Dr. Juan Antonio Giménez Bastida Polish Academy of Science, Poland

Dr. John Marchello University of Arizona, USA

Dr. Aslı Ayar Uçar Faculty of Health Sciences, Ankara University, Turkey

Assoc. Prof. Stoin Daniela USAMVBT, Romania

Table of Contents

Food Science and Technology

Volume 12 Number 3 2024

Investigation of the Effect of Pectinase and Amyloglucosidase Enzyme Mixture on Clarification of Apple Juice

(<https://www.doi.org/10.13189/fst.2024.120301>)

Cengiz Çesko, Jaser Veseli, Hatice Paluzar, Aulona Sfishta, Hyrije Koraqi, Namik Durmishi, Nora Rrahimi Hasani 159

Biochemical Analysis of *Lannea microcarpa* Engl. & K. Krause (Anacardiaceae) Seed and Seed Oil

(<https://www.doi.org/10.13189/fst.2024.120302>)

Patrice Bazongo, Lassané Ouédraogo, Souleymane Compaoré, Martin Kiendrebeogo, Nicolas Barro 170

Evaluation of the Antioxidant Potential of Fermented Persimmon Leaf Tea

(<https://www.doi.org/10.13189/fst.2024.120303>)

Akane Kasai, Hiroko Seki 182

Physical, Chemical, and Sensory Characteristics of Chicken Sausages Using Corn Oil Instead of Pork Back Fat

(<https://www.doi.org/10.13189/fst.2024.120304>)

Blanca Priscila Maldonado Pacheco, Julio Cesar Vinueza Galarraga, María José Andrade Cuvi, Montserrat Mor Mur 190

Knowledge and Behaviors of Dietary Supplement Consumption: A Survey of Gym Attendees in Amman

(<https://www.doi.org/10.13189/fst.2024.120305>)

Walaa AlKasasbeh, Hatem Shlool, Numan Natshah, Bekir Erhan Orhan 199

Food Science and Technology

Call for Papers

Food Science and Technology is an international peer-reviewed journal that publishes original and high-quality research papers in all areas of food science. As an important academic exchange platform, scientists and researchers can know the most up-to-date academic trends and seek valuable primary sources for reference.

Aims & Scope

- Dietetics and Nutrition
- Genetically Engineered Foods
- Food Security and Sustainability
- Food Chemistry
- Food Engineering
- Food Preservation and Storage
- Food Microbiology
- Diet and Health
- Food Materials Science
- Food Processing
- Food Rheology
- Food Safety/ Hygiene
- Food and Environment
- Food Marketing
- Food Analysis
- Food and Beverage Sciences
- Complementary Food

Editorial Board

Prof. Ryszard Amarowicz
Prof. Michaela Dina Stanescu
Dr. Hamdy Abdel-Hady Zahran
Dr. Sofia Agriopoulou
Dr. Despina Tsipi
Prof. Elena Sorrentino
Prof. Luciano Cinquanta
Prof. Eduardo Hernández
Prof. Mustafa Ardiç
Prof. Jasmine Lukinac
Dr. Maria Lisa Clodoveo
Dr. Aldo Todaro
Dr. Seyed Mehdi Nassiri
Dr. Diego Planeta
Dr. Joana Amaral
Dr. Rakesh Jaiswal
Dr. Ajay Desai
Dr. Miguel Vilas-Boas
Dr. Valeria Righi
Dr. Hamid El Bilali
Dr. Rinaldo Botondi
Dr. Maria Hayes
Dr. Rosa Palmeri
Dr. Juan Antonio Giménez Bastida

Polish Academy of Sciences, Poland
Politehnica University, Romania
National Research Centre, Egypt
University of the Peloponnese, Greece
General Chemical State Laboratory, Greece
University of Molise, Italy
University of Molise, Italy
Technical University of Catalonia, Spain
Aksaray University, Turkey
Josip Juraj Strossmayer University of Osijek, Croatia
University of Bari Aldo Moro, Italy
University of Palermo, Italy
Shiraz University, Iran
University of Palermo, Italy
Polytechnic Institute of Bragança, Portugal
Jacobs University Bremen, Germany
College of Fisheries Science, India
Polytechnic Institute of Bragança, Portugal
University of Bologna, Italy
Mediterranean Agronomic Institute of Bari, Italy
University of Tuscia, Italy
Teagasc Food Research Centre, Ireland
University of Catania, Italy
Polish Academy of Science, Poland

Manuscripts Submission

Manuscripts to be considered for publication have to be submitted by Online Manuscript Tracking System(<http://www.hrpub.org/submission.php>). If you are experiencing difficulties during the submission process, please feel free to contact the editor at submission@hrpub.org.



Contact Us

Horizon Research Publishing
2880 ZANKER RD STE 203
SAN JOSE, CA 95134
USA
Email: editor@hrpub.org

Submit your paper at http://www.hrpub.org/journals/jour_submitmanuscript.php?id=11

Available Online http://www.hrpub.org/journals/jour_info.php?id=11