



Food and Nutrition Sciences



Journal Editorial Board

ISSN Print: 2157-944X ISSN Online: 2157-9458

https://www.scirp.org/journal/fns

Editor-in-Chief

Prof. Alessandra Bordoni University of Bologna, Italy

Associate Editors-in-Chief

Prof. Xufeng HuangUniversity of Wollongong, AustraliaProf. Michael G. KontominasUniversity of Ioannina, Greece

Editorial Board

Prof. Hülya ÇiçekGaziantep University, TürkiyeDr. Ammar Mohammed Hamood AL-FargaUniversity of Jeddah, Saudi ArabiaDr. Kayanush J. AryanaLouisiana State University, USADr. Lauri O. ByerleyLouisiana State University, USADr. Daniel CozzolinoThe University of Adelaide, Australia

Dr. Amira Muhammad Galal Darwish City of Scientific Research and Technological Applications (SRTA City), Egypt

Prof. Kelvin J. A. Davies University of Southern California, USA

Dr. Amith R. DevireddyUniversity of Missouri, USAProf. Asim K. DuttaroyUniversity of Oslo, NorwayProf. Yousif Abd El-Aziz Abdou ElhassaneenMinoufiya University, Egypt

Dr. Anthony Fardet Institute National de la Recherche Agronomique (INRA), France

Prof. Tomas GirbesUniversity of Valladolid, SpainDr. Beau K. GreerSacred Heart University, USADr. Jeffrey S. HamplArizona State University, USAProf. Yong HeZhejiang University, ChinaDr. Kimberly B. HeidalEast Carolina University, USA

Prof. Yu Huang

Chinese University of Hong Kong, China

Dr. Jose C. Jimenez-Lonez

Spanish National Research Council (CSIC)

Dr. Jose C. Jimenez-LopezSpanish National Research Council (CSIC), SpainDr. Jagat R. KanwarDeakin University, Australia

Dr. Dalia El KhouryUniversity of Guelph, CanadaProf. Patricia A. KrukUniversity of South Florida, USADr. Jean-Claude LavoieUniversity of Montreal, Canada

Dr. Francisco Sánchez MonteroCollege of Nutrition Professionals of Costa Rica, Costa Rica

Dr. Francisco Javier Moreno Autonomous University of Madrid, Spain

Prof. Hasan MukhtarUniversity of Wisconsin, USADr. Maurice O'SullivanUniversity College Cork, IrelandDr. Mustafa Zafer OzelThe University of York, UK

Dr. Uma Devi Palanisamy Monash University, Sunway Campus, Australia

Prof. Young W. Park Fort Valley State University, USA

Dr. Salina ParveenUniversity of Maryland Eastern Shore, USA

Dr. Reza Poureslami Insta-Pro International, USA Dr. Jayadev Raju Health Canada, Canada Prof. Sherif Sabry Menoufia University, Egypt Prof. Charles R. Santerre Purdue University, USA Dr. Heidi J. Silver Vanderbilt University, USA University of Vigo, Spain Prof. Jesus Simal-Gandara Prof. Linda G. Snetselaar The University of Iowa, USA Dr. Lucy Thairu Touro University, USA

Dr. Brijesh Kumar Tiwari Manchester Metropolitan University, UK

Prof. Alan C. Tsai Asia University, Chinese Taipei

Prof. Edwin Edward Kadima Wamukoya Masinde Muliro University of Science and Technology, Kenya

Dr. Thomas T. Y. Wang
Dr. Jack Wing Tak Wong

Johns Hopkins University, USA
Stanford University, USA

Prof. Baojun Xu Beijing Normal University-Hong Kong Baptist University United International College, China



ISSN Online: 2157-9458 ISSN Print: 2157-944X

Table of Contents

volume 14 Number 8	August 2023
Novel Gluten-Free Amaranth and Oat Flour Cookies Fortified with Soybean Hulls	.
S. X. Liu, D. J. Chen	699
Production of Cashew Apple Wine Enriched with Hibiscus sabdariffa Extracts	
E. W. Koui, D. Soro, J. I. K. Gnoumou, N. E. Assidjo, K. B. Yao	720
Traditional Processing and Characterization of "Alme Ardeb", an Indigenous Beverage from Far North Region, Cameroon	
D. Bakari, S. K. Abdouramane, F. Y. Bruno, Y. Garga, T. N. Leopold	730
Mother's Nutritional Knowledge and Practice towards Children under Two Years Its Impact on Their Health in Abuzaid Albuluk Pediatric Specialized Hospital in 2	•
M. H. A. Abd-Alrazig, M. AA. O. Dakeen, M. A. H. M. Ali, R. M. H. Nasr	746
Tryptophan Metabolism and Gut Microbiota	
A Takada	777

Food and Nutrition Sciences (FNS)

Journal Information

SUBSCRIPTIONS

The *Food and Nutrition Sciences* (Online at Scientific Research Publishing, https://www.scirp.org/) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$89 per copy.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2023 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:

Copyright @ 2023 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

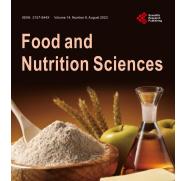
Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: fns@scirp.org



Call for Papers

Food and Nutrition Sciences

ISSN Print: 2157-944X ISSN Online: 2157-9458

https://www.scirp.org/journal/fns

Food and Nutrition Sciences (FNS) is an international journal dedicated to the latest advancements in related areas. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties.

Subject Coverage

All manuscripts submitted to FNS must be previously unpublished and may not be considered for publication elsewhere at any time during FNS's review period. Additionally, accepted ones will immediately appear online followed by printed in hard copy. Topics to be covered by this journal include, but are not limited to:

- Animal Nutrition
- Antioxidants and Phytochemicals in Food
- Byproducts Processing and Utilization
- Calorie Intake and Consumption
- Carbohydrates and Fibers
- Clinical Nutrition
- Consumer Choice, Preferences, and Concerns
- Diets and Diseases
- Eating Disorders
- Food Chemistry, Engineering and Microbiology
- Food Conservation and Preparation
- Food Machinery
- Food Packaging
- Food Processing Technology
- Food Safety and Hygiene
- Food Science and Technology

- Grain and Oil Engineering
- Healthy Eating Initiatives
- Hormonal Regulations
- Malnutrition
- Maternal and Infant Nutrition
- Metabolism and Nutrition Physiology
- Molecular Gastronomy
- Nutrient Metabolism
- Nutrition and Immunology
- Obesity
- Proteins and Amino Acids
- Public Health Nutrition
- Sensory Analysis
- Sports Nutrition
- Vitamins and Minerals

E-mail: fns@scirp.org

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of FNS.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

https://www.scirp.org/journal/fns

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org