

Food and Nutrition Sciences



Journal Editorial Board

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

http://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

Dr. Kayanush J. AryanaLouisiana State University, USADr. Lauri O. ByerleyLouisiana State University, USADr. Daniel CozzolinoThe University of Adelaide, AustraliaProf. Kelvin J. A. DaviesUniversity of Southern California, USA

Prof. Asim K. Duttaroy University of Oslo, Norway

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. Jagat R. KanwarDeakin University, AustraliaDr. Dalia El KhouryUniversity of Guelph, CanadaProf. Patricia A. KrukUniversity of South Florida, USADr. Jean-Claude LavoieUniversity of Montreal, CanadaDr. Josef Friedhelm MarxUniversity of Bonn, Germany

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 PalanisamyMonash University Sunway Campus, Australia

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

Dr. Salina Parveen University 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. Mykola Shynkaryk The Ohio State University, USA Dr. Heidi J. Silver Vanderbilt University, USA Prof. Jesus Simal-Gandara University of Vigo, Spain Prof. Linda G. Snetselaar The University of Iowa, USA

Dr. Lucy ThairuTouro University, USADr. Brijesh Kumar TiwariManchester Metropolitan University, UK

Prof. Alan C. Tsai Asia University, Chinese Taipei
Dr. Thomas T. Y. Wang Johns Hopkins University, USA

Dr. Ali Abas WaniTechnical University of Munich, GermanyDr. Jack Wing Tak WongStanford University School of Medicine, USA



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

Table of Contents

Volume 10 Number 4 April 2	2019
Bacteria in Indian Food Packaging Papers and Paperboards with Various Contents of Pulp Fiber	
S. Sood, C. Sharma.	349
Effect of Green Coffee on Cisplatin Induced Renal Apoptosis in Adult Male Albino Rats	
A. ES. Nour El-Deen, A. El-Megeed Mansour, A. Taha, E. M. Fahmy	358
Nutritional Quality and Effect on Disease Prevention of Vegetables	
J. S. Dias.	369
Applications of Microfluidization and High Pressure Processing in Food Industry and the Effect of Them on Food Products	
V. G. Gayan Chandrajith, D. V. Karunasena, R. Vithanage	403
Probiotic Viability, Qualitative Characteristics, and Sensory Acceptability of Vegetable Juice Mixture Fermented with <i>Lactobacillus</i> Strains	
T. V. T. Do, L. P. Fan.	412
Predictors of Low Birth Weight in Newborn Delivered in Public Hospital of Gurage Zone, Southern Ethiopia: A Case-Control Study	
A. D. Egata, T. A. Bafa.	428
Extraction Methods and Inhibition Studies of Ten Plant Extracts on Nine Yam Rot Pathogenic Microorganisms	
D. Shiriki, S. T. Ubwa, M. I. Yusufu, T. Shambe	439
Comparative Effects of Selected Underutilized Wild Beans on Plasma Lipid Profile and Liver Function of Rats Fed with High Fats Diet	
O. A. Awoyinka, T. R. Omodara, F. C. Oladele, D. D. Ajayi, H. A. Babalola, B. A. Olofinbiyi,	
G. S. Adeleye, E. O. Odesanmi. Analytical Method Assessment for the Determination of DHA and Fatty Acids Present	459
in Unextracted Aurantiochytrium limacinum Biomass	460
G. P. Dillon, A. Yiannikouris, W. Brandl, C. Cardinall, W. Yuan, C. A. Moran	469
Effects of Raphia sudanica Mesocarp and Arrowroot (Tacca involucrata) Flour Incorporation on the Chemical Composition of Sorghum Composite Spaghetti	
T. T. Jombor, G. F. Adikwu, V. A. Oche	484

Food and Nutrition Sciences (FNS)

Journal Information

SUBSCRIPTIONS

The *Food and Nutrition Sciences* (Online at Scientific Research Publishing, 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 © 2019 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 @ 2019 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

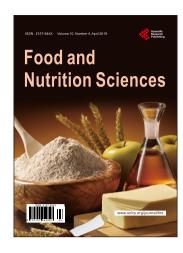
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any 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





Food and Nutrition Sciences

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

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

Food and Nutrition Sciences (FNS) is a peer reviewed international journal dedicated to the latest advancement 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

http://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: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org