



# 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. Lucy Thairu

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 Palanisamy**Monash 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. Brijesh Kumar Tiwari Manchester Metropolitan University, UK

Touro University, USA

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 9	Number 2	February 2018
	ive Consumer Analysis Using Simultaneous a le Presentation for Coffee	and
C. N. Stokes, J.	. P. Kerry, M. G. O'Sullivan	63
	tential of Two Leafy Vegetables <i>Leptadenia h</i> na obtusifolia Link Consumed in Senegal	astata
N. C. Ayessou	, M. Cissé, M. Gueye, C. Ndiaye, C. M. Diop	77
Effect of Proces	ssing Methods on the Quality of Tomato Pro	ducts
Q. Xu, I. Adya	ntni, B. Reuhs	86
A Glutalytic Er	nzyme Supplement Was Tolerated by Healthy	Young Adults
M. Maher, A. F	Breunig, M. De France, G. Yang, E. Richardson, J. M	cGinley, K. Ruffalo99
•	the Consumption of n-3 Polyunsaturated Fa f Remission in Patients with Inflammatory B	•
•	H. Aiki, A. Matsumura, K. Saruta, A. Yuasa, Z. Ito, S. uzuki, S. Hayashi, S. Koido, H. Yoshida, T. Ohkusa,	
	trient Intake among Male and Female ged Cross-Country Skiers and Speed Skaters	
TW. Oh, S. C	Okubo, S. Tanaka, T. Naka	119
The Relationsh	ip between Bone Mineral Density and Obesit	y in Women
T. Al Ibrahim	1	136
	g Potential of <i>Malakwang</i> ( <i>Hibiscus</i> ) Species lerlipidaemia-Induced Rats	Leaf
G. M. A. Ojera	, Y. B. Byaruhanga, C. Magala-Nyago, C. M. B. K. I	Muyanja145

# Food and Nutrition Sciences (FNS)

#### Journal Information

#### **SUBSCRIPTIONS**

The *Food and Nutrition Sciences* (Online at Scientific Research Publishing, <a href="www.SciRP.org">www.SciRP.org</a>) 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 © 2018 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 © 2018 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