

ISSN: 2157-944X Volume 5, Number 9, April 2014



Food and Nutrition Sciences



ISSN: 2157-944X



www.scirp.org/journal/fns

ISSN Print: 2157-944X ISSN Online: 2157-9458
<http://www.scirp.org/journal/fns>

ISSN Print: 2157-944X ISSN Online: 2157-9458
<http://www.scirp.org/journal/fns>

Prof. Alessandra Bordini University of Bologna, Italy

Prof. Xufeng Huang	University of Wollongong, Australia
Prof. Michael G. Kontominas	University of Ioannina, Greece

Dr. Kayanush J. Aryana	Louisiana State University, USA
Dr. Nick Bellissimo	Ryerson University, Canada
Dr. Lauri O. Byerley	Louisiana State University, USA
Prof. Kelvin J. A. Davies	University of Southern California, USA
Prof. Asim K. Duttaroy	University of Oslo, Norway
Dr. Anthony Fardet	Institut National de la Recherche Agronomique, France
Prof. Tomas Girbes	University of Valladolid, Spain
Dr. Beau K. Greer	Sacred Heart University, USA
Dr. Jeffrey S. Hampl	Arizona State University, USA
Prof. Yong He	Zhejiang University, China
Dr. Kimberly B. Heidal	East Carolina University, USA
Prof. Yu Huang	Chinese University of Hong Kong, China
Prof. Federico Infascelli	University of Naples Federico II, Italy
Dr. Jagat R. Kanwar	Deakin University, Australia
Dr. Dalia El Khoury	University of Toronto, Canada
Prof. Patricia A. Kruk	University of South Florida, USA
Dr. Jean-Claude Lavoie	University of Montreal, Canada
Dr. Josef Friedhelm Marx	University of Bonn, Germany
Dr. Francisco Javier Moreno	Autonomous University of Madrid, Spain
Prof. Hasan Mukhtar	University of Wisconsin, USA
Dr. Maurice O'Sullivan	University College Cork, Ireland
Dr. Mustafa Zafer Özel	The 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. Charles R. Santerre	Purdue University, USA
Dr. Vicki L. Schlegel	University of Nebraska-Lincoln, USA
Dr. Mykola Shynkaryk	The Ohio State University, USA
Dr. Geeta Sikand	University of California, 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 Thairu	Touro University, USA
Dr. Brijesh Kumar Tiwari	Manchester Metropolitan University, UK
Prof. Alan C. Tsai	Asia University, Chinese Taipei
Dr. Thomas T. Y. Wang	Johns Hopkins University, USA
Dr. Ali Abas Wani	Technical University of Munich, Germany
Dr. Jack Wing Tak Wong	Stanford University School of Medicine, USA

Table of Contents

Volume 5 Number 9

April 2014

Effect of Salacca Vinegar Var. Suwaru on Lipid Profile Diabetic Rats E. Zubaidah, D. Y. Ichromasari, O. K. Mandasari.....	743
Phytochemical Composition, Antioxidant and Antibacterial Properties of Pummelo (<i>Citrus maxima</i> (Burm.)) Merr. against <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> A. S. A. Barrion, W. A. Hurtada, I. A. Papa, T. O. Zulayvar, M. G. Yee.....	749
Impact of a Non-<i>Saccharomyces</i> Yeast Isolated in the Equatorial Region in the Acceptance of Wine Aroma M. O. Assis, A. P. C. Santos, C. A. Rosa, M. E. de Oliveira Mamede.....	759
Evaluation of Toxicological Risk Related to Presence of Lead and Cadmium in <i>Moringa oleifera</i> Lam. Leaves Powders Marketed in Cotonou (Benin) A. K. Aissi, E. Y. Pazou, T. A. Ahoyo, L. Fah, B. Fanou, L. Koumolou, H. Koudokpon, C. Agbangla, K. Gnandi, F. Loko, P. A. Etorh.....	770
Effect of the Various Processed Food of the Far North Cameroon on the Glycemic Index B. B. Koubala, G. Kansci, A. N. P. Fifen, A. I. Ngoufack, Y. C. M. Dadjeu.....	779
Safe Foods for Celiac People C. Osella, M. de La Torre, H. Sánchez.....	787
Anti-Oxidative, Anti-Hyperglycemic and Lipid-Lowering Effects of Aqueous Extracts of <i>Ocimum sanctum</i> L. Leaves in Diabetic Rats T. Suanarunsawat, W. D. N. Ayutthaya, S. Thirawarapan, S. Pongshompoo.....	801
Nutritional Yield of African Indigenous Vegetables in Water-Deficient and Water-Sufficient Conditions J. W. Luoh, C. B. Begg, R. C. Symonds, D. Ledesma, R.-Y. Yang.....	812
Metabolomic Studies Using High Performance Liquid Chromatography and Tandem Mass Spectrometry to Discover Quality Markers for Oriental Beauty (Dongfang Meiren) Tea Y.-H. Chen, Y.-H. Liu, Y.-J. Wu, C.-C. Chen.....	823
Qualitative Study among African American Parents to Inform an Intervention to Promote Adoption of the Dietary Guidelines for Americans Food and Physical Activity Recommendations B. B. McGee, V. Richardson, G. S. Johnson, C. Johnson.....	835
Seablite (<i>Suaeda maritima</i>) Product for Cooking, Samut Songkram Province, Thailand A. Pornpitakdamrong, Y. Sudjaroen.....	850

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 © 2014 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 © 2014 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.

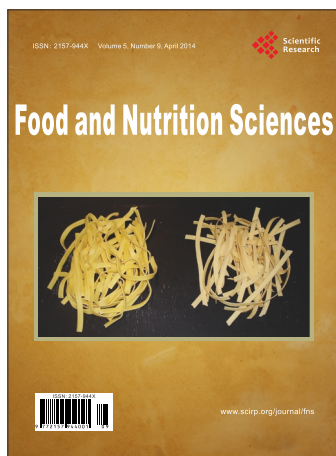
DISCLAIMER OF LIABILITY

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

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

Food and Nutrition Sciences 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

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>

E-mail: fns@scirp.org

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, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

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, world-wide, 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