



The North African Journal of Food and Nutrition Research

Contents

Volume 7 Issue 15 January – June: 2023

Editorial

- Editorial Introduction
Khaled, M.B.
<https://doi.org/10.51745/najfnr.7.15.136>

Original Articles

Food Chemistry, Engineering, Processing and Packaging

- Anticarcinogenic and antioxidant activities of leaves and flowers hydroalcoholic extracts of *Nerium oleander* L.: PCA analysis and phytochemical content by FTIR spectroscopy
Ayouaz, S., Koss-Mikołajczyk, I., Adjeroud-Abdellatif, N., Bartoszek, A., Arab, R., Aji Muhammad, D.R., Nur, D.L., & Madani, K.
<https://doi.org/10.51745/najfnr.7.15.1-8>
- Sodium metabisulfite dipping, hot water blanching and sulfur fumigation impact on the nutritional quality of dried apricot (*Prunus armeniaca* L.) cultivars
Abidi, W., Akrimi, R., Neily, E., Affi, K., & Hamdouni, S.
<https://doi.org/10.51745/najfnr.7.15.59-68>
- Microwave-assisted extraction optimization and conventional extraction of phenolic compounds from coriander leaves: UHPLC characterization and antioxidant activity
Mouhoubi, K., Boulekache-Makhlof, L., Madani, K., Freidja, M. L., Silva, A. M.S., Cardoso, S. M.
<https://doi.org/10.51745/najfnr.7.15.69-83>
- Development and characterization of sauces formulation based on tomato and garlic powders
Guemouni, S., Brahmi, F., Hamitri-Guerfi, F., Smail, L., Amirouche, F., Mokrani, A., Djebari, S., Mouhoubi, K., Ayouaz, S., Yous, F., Kernou, N. O., Boulekache-Makhlof, L., & Madani, K.
<https://doi.org/10.51745/najfnr.7.15.99-107>
- Proximate analysis of selected agricultural waste for their nutritional potential
Maliki, M., Ikuoria, E. U., & Aluyor P.
<https://doi.org/10.51745/najfnr.7.15.117-125>

Human and Clinical Nutrition

Infant, Child, and Adolescent Nutrition

- Breastfeeding knowledge, attitude, intention and practice of women in Purdah in Ibadan, Nigeria
Leshi, O. O., & Amoo, S.A.
<https://doi.org/10.51745/najfnr.7.15.9-19>

(continued)

- **Nutritional evaluation, oxidative indexes, and functional properties of Irish potatoes, eggs, and red kidney beans based complementary food**
Dangang Bossi, D.S., Dandji Saah M. B., Njapndounké, B. & Zambou Ngoufack, F.
<https://doi.org/10.51745/najfnr.7.15.20-30>
- **Differences in dietary intake between Turkish vegans and omnivores: a cross-sectional study**
Sarıkaya, B., Yiğit A., Aktaç, Ş. & Güneş, F. E.
<https://doi.org/10.51745/najfnr.7.15.31-42>
- **Study of the relationship between nutrition, physical activity and overweight/obesity in children in a school context**
Yous, F., Zaabar, S., Adjeroud-Abdellatif, N., Gumouni, S., Kerrou, N. S., & Madani, K.
<https://doi.org/10.51745/najfnr.7.15.84-98>
- **Effects of complementary food formulated from millet, soybean, and grasshopper on hematological parameters of malnourished weanling albino rats**
Olagunju, M.T., Abodunrin, O.R., Aleru, E.O., Adewole, I.E., & Akinsolu, F.T.
<https://doi.org/10.51745/najfnr.7.15.108-116>
- **Study pattern of nutritional recovery in edematous and non-edematous malnourished children after a short hospital stay of nutrition rehabilitation**
Barouaca, H.
<https://doi.org/10.51745/najfnr.7.15.126-135>

Food Microbiology, Safety and Toxicology

- **Inactivation of *E. faecalis* under microwave heat treatment and ultrasound probe**
Kernou, O.N., Belbahri, A., Bedjaoui, K., Kaanin-Boudraa, G., Boulekache-Makhlouf, L., & Madani, K.
<https://doi.org/10.51745/najfnr.7.15.52-58>

Human and Clinical Nutrition

Nutrition, Metabolism, and Prevention of NCDs

Viewpoint

- **Glutamine and sickle cell disease in Brazilian scenario**
Codovil, K.
<https://doi.org/10.51745/najfnr.7.15.43-51>