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In this issue

Research Article

Open Access Research Article PTZAID:JFSNT-10-152

Correlation between Sweet Cherry Quality Attributes and Fruit Cracking Index

Published On: September 04, 2024 | Pages: 072 - 076

Author(s): Mihai Chivu, Mdlina Butac, Oana Hera* and Adrian Asnic

Sweet cherry skin cracking, particularly due to rainfall, presents a significant challenge for commercial production. This issue impacts fruit quality and marketability, making it crucial to identify effective, accessible solutions tailored to local climatic conditions. Understanding the relationship between fruit quality parameters and cracking susceptibility is esse ...

Abstract View Full Article View DOI: 10.17352/jfsnt.000052

Open Access Research Article PTZAID:JFSNT-10-148

Camel milk; A potent superfood for diabetes complications

Published On: March 23, 2024 | Pages: 035 - 043

Author(s): Taherah Mohammadabadi* and Rajesh Jain

Currently, camel milk has been considered around the world due to awareness of its unique health benefits. Camel milk is considered a superfood with special nutrients and therapeutic values. In diabetes or hyperglycemia, the cells may not respond properly to insulin or defects in insulin secretion by the pancreas, therefore glucose level of blood is excessive. Chronic ...

Abstract View Full Article View DOI: 10.17352/jfsnt.000048

Open Access Research Article PTZAID:JFSNT-10-147

RETRACTED: Prevalence of stunting and effect of nutrition intervention package on stunting in Rwanda

Published On: February 24, 2024 | Pages: 013 - 034

Author(s): Habineza Marc*, Umugwaneza Maryse, Rugema Lawrence, Humura Fabrice and Munyanshongore Cyprien

Background: In Rwanda, interventions have been put in place aimed at reducing stunting among under 5 years children but until now, its prevalence nationwide remains high (33%). A post-program quasi-experimental study was conducted among children between 0 and 24 months in two intervention districts, and two control districts to assess the impact of a nutrition interve ...

Abstract View | Full Article View | DOI: 10.17352/jfsnt.000047

Open Access Research Article PTZAID:JFSNT-10-145

Shelf life extension for yogurt production in circumstances of regular power outages - Eritrean Yogurt Study

Published On: January 23, 2024 | Pages: 001 - 008

Author(s): SJ Schneeberger*, N Madgwick, L Schotter, U Rohrs Ameen and G Kasozi

Due to many parts of Africa suffering from interrupted electrical supply, and hence a broken cold chain, a solution for shelf life extension for perishable foods is needed. An industry that is one of the hardest hit and in most need of shelf life extension is the dairy industry - in particular during yogurt production. It is anticipated that resolving the issue of int ...

Abstract View | Full Article View | DOI: 10.17352/jfsnt.000045

Review Article

Open Access Review Article PTZAID:JFSNT-10-153

Effect of Spray Drying on Physico-Chemical and Functional Properties of Food Component Utilizing Different Carriers as Encapsulating Agents

Published On: November 19, 2024 | Pages: 077 - 084

Author(s): Neelam Kumari, Ranjana Verma, Nilakshi Chauhan and Farhan Mohiuddin Bhat*

A common method for preserving fruit and vegetable juices in powder form is spray drying. Achieving high-quality fruit and vegetable powders is the main goal, which necessitates optimising spray drying conditions. Sensitive bioactive compounds are harmed by high drying temperatures; however, carrier agents shield these compounds, and other spray-drying-related variabl ...

Abstract View | Full Article View | DOI: 10.17352/jfsnt.000053

Open Access Review Article PTZAID:JFSNT-10-150

Listeria monocytogenes in Food Production and Food Safety: A Review

Published On: July 23, 2024 | Pages: 057 - 068

Author(s): Adebesin IO, Amoka SO*, Olomoko CR, Olubunmi OH and Balogun AO

In the current world of global food distribution and marketing, the outbreak of a particular foodborne disease in a region may eventually occur in another part of the world at the same time. Foodborne diseases are estimated to cause over 600 million illnesses and 420,000 deaths each year. Listeriosis, a zoonotic bacterial disease caused by Listeria spp. has been repor ...

Abstract View | Full Article View | DOI: 10.17352/jfsnt.000050

Open Access Review Article PTZAID:JFSNT-10-149

Probiotics and the physiological & biological aspects of probiotic microorganisms

Published On: April 24, 2024 | Pages: 044 - 056

Author(s): Triyugi Narain Kushwaha* and Shweta Maurya

Since ancient times, food fermentation has been practiced and evolved via changes in substrates, procedures, and technology. Microbial culture is performed using techniques such as enrichment and back-slopping to improve the organoleptic quality, nutrient availability, and storage life of food. In many cases, this also adds healthy microorganisms to the consumer's die ...

Abstract View | Full Article View | DOI: 10.17352/jfsnt.000049

Mini Review

Open Access Mini Review PTZAID:JFSNT-10-151

Nutrition, Cardiovascular Prevention and Sustainability for the National Health Systems

Published On: August 06, 2024 | Pages: 069 - 071

Author(s): Volpe Roberto* and Bellotti Paolo*

An incorrect diet, through the well-known consequences of the main cardiovascular risk factors, has proven to be the

most important risk factor associated with cardiovascular diseases. On the contrary, correct nutrition, actively contributing to the control of cardiovascular risk factors, has significant effects on health and, therefore, indirectly on the costs associ ...

Abstract View Full Article View DOI: 10.17352/jfsnt.000051

Open Access Mini Review PTZAID:JFSNT-10-146

Analyzing human diet caloric content and its implications for sustainable development

Published On: January 31, 2024 | Pages: 009 - 012

Author(s): Olga Dekker*

This study delves into the significance of caloric content in the human diet, identified as a key contributor to human health and wellbeing. We explore the concept of caloric content not only in its direct impact on physical development but also in its broader role in enhancing public health and quality of life. Emphasizing nutrition as a pivotal factor, our research ...

Abstract View Full Article View DOI: 10.17352/jfsnt.000046