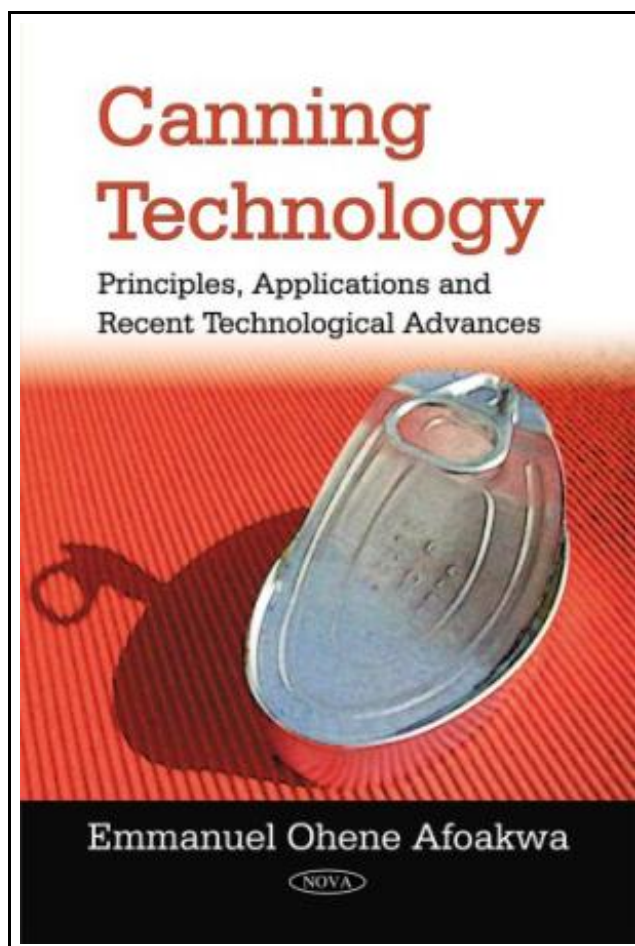


Canning Technology: Principles, Applications and Recent Technological Advances



Filesize: 1.06 MB

Reviews

Completely among the finest publication I have possibly read. It really is basic but excitement in the fifty percent from the pdf. Your lifestyle span is going to be convert when you total looking at this publication.

(Dr. Curt Harber)

CANNING TECHNOLOGY: PRINCIPLES, APPLICATIONS AND RECENT TECHNOLOGICAL ADVANCES

[DOWNLOAD](#)

Nova Science Publishers Inc. Paperback. Book Condition: new. BRAND NEW, Canning Technology: Principles, Applications and Recent Technological Advances, Emmanuel Ohene Afoakwa, Canned foods are a significant component of the diet of most people in both developed and developing countries, offering a wider choice of nutritious, good quality foods in a convenient form all year. During canning, both desirable and undesirable changes occur in nutritional and sensory properties of foods, resulting from heat treatment employed for the destruction of microorganisms to achieve the desired commercial sterility. The extent of thermal processing, in terms of both temperature and duration of the treatment, is dependent upon the chemical and physical composition of the product, the canning medium and the conditions of storage, determining the product quality in terms of its sensory properties and nutrient content. This book reviews the major principles and operations used during food canning, identifies the nutritional and sensory changes occurring during the process and their effect on the quality of canned foods. In addition, it explains the use of response surface methodology (RSM) as modelling and optimisation techniques used in the canning industry in recent times to manipulate canning processes to maintain the nutritional and sensory qualities of canned foods, using two recent studies where RSM was used to study the effect of pre-canning processes including blanching time, soaking time and sodium hexametaphosphate $[(NaPO_3)_6]$ salt concentration on moisture, minerals, leached solids, phytates, tannins and hardness (texture) of cowpeas (*Vigna unguiculata*) and bambara groundnut (*Voandzei subterranea*). Regression models were developed to predict the pre-canning parameters that yield the best quality products, with minimal effects on the nutritional and textural properties of the products. The optimal conditions found to achieve the optimum quality of the canned cowpeas were blanching time of 5 min, soaking time of 12 h and $[(NaPO_3)_6]$ salt...



[Read Canning Technology: Principles, Applications and Recent Technological Advances Online](#)



[Download PDF Canning Technology: Principles, Applications and Recent Technological Advances](#)

Other eBooks



The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program (Paperback)

Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English . Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators...

[Read Document »](#)



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Document »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Document »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Document »](#)



Readers Clubhouse Set B Time to Open (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. 222 x 148 mm. Language: English . Brand New Book. This is volume nine, Reading Level 2, in a comprehensive program (Reading Levels 1...

[Read Document »](#)

**The Sunday Kindergarten Game Gift and Story: A Manual for Use in the Sunday, Schools and in the Home (Classic Reprint) (Paperback)**

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Sunday Kindergarten Game Gift and Story: A Manual for

[Download ePub »](#)

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Egg Fried Rice (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

[Download ePub »](#)

**The Voyagers Series - Africa: Book 2 (Paperback)**

Voyagers Series, Inc., United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching

[Download ePub »](#)

**Southern Educational Review Volume 3 (Paperback)**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download

[Download ePub »](#)

**Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package (Paperback)**

Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies

[Download ePub »](#)