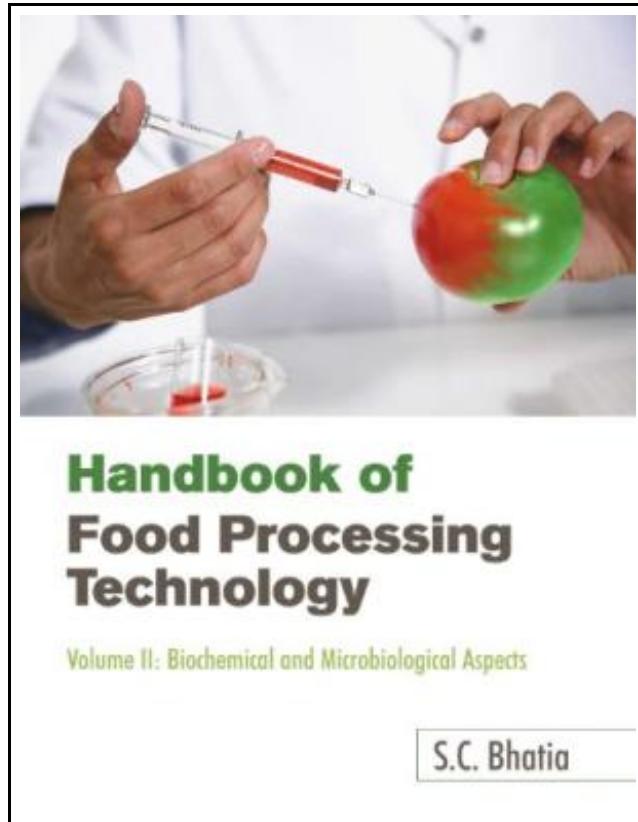


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Here is the best publication i have got go through until now. It is actually written in simple phrases and never hard to understand. I realized this publication from my dad and i suggested this ebook to find out.

(Lorena White)

HANDBOOK OF FOOD PROCESSING TECHNOLOGY, VOLUME 2

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Atlantic Publishers & Distributors (P) Ltd, 2008. Hardcover. Book Condition: New. Food science including the processing and preservation aspects is an interdisciplinary subject involving topics from chemistry, microbiology, engineering operations and technological processes. These topics need an interactive approach to enable one to gain a proper perspective and insight into the subject. The fast emerging food biotechnology, involving the use of genetically modified foods and food products, has become controversial even though the use of micro-organisms and microbial products in food processing has been in practice for centuries. The second volume of Handbook of Food Processing Technology deals with biochemical and microbiological aspects in food processing, and is divided into two parts of six sections each. Part A focuses on biochemical aspects. Food losses and food poisoning have been recognised for centuries, but the causes of these problems were not understood. Understanding of food biochemistry followed by developments in food biotechnology in the past decades resulted in, besides better raw materials and products, improved human nutrition and food safety and these developments are applied in food industry. The sections in this part deal with basic concepts of food biotechnology; water, enzymology and protein cross-linking; muscle foods; milk processing; fruits, vegetables and cereals; and fermented foods. Part B studies microbiological aspects of food processes. Microbiology is the science which includes the study of the occurrence and significance of bacteria, fungi, protozoa and algae which are the beginning and ending of intricate food chains upon which all life depends. These food chains begin whenever photosynthetic organisms can trap light energy and use it to synthesise large molecules from carbon dioxide, water and mineral salts forming the proteins, fats and carbohydrates. The sections in this part deal with the principles of preservation and spoilage of different kinds of food; foods and enzymes produced...

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