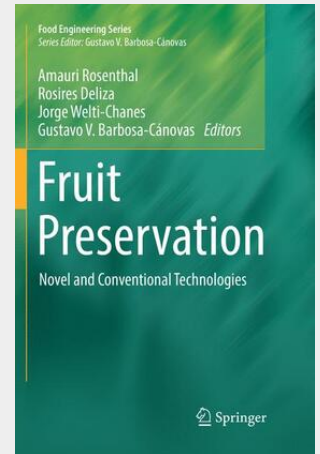


Fruit Preservation

Novel and Conventional Technologies

Fruits and fruit based products are, in most cases, associated with very good sensory characteristics, health, well-being, perishability, relatively easy to mix with food products of diverse origin, amenable to be processed by conventional and novel technologies. Given the multiplicity of aspects whenever fruit preservation is considered, the editors took the challenge of covering in a thorough, comprehensive manner most aspects dealing with this topic. To accomplish these goals, the editors invited well known colleagues with expertise in specific disciplines associated with fruit preservation to contribute chapters to this book. Eighteen chapters were assembled in a sequence that would facilitate, like building blocks, to have at the same time, a birds-eye view and an in-depth coverage of traditional and novel technologies to preserve fruits. Even though processing took center stage in this book, ample space was dedicated to other relevant and timely topics on fruit preservation such as safety, consumer perception, sensory and health aspects. **FEATURES:** Traditional and Novel Technologies to Process Fruits - Microwaves - Ohmic Heating - UV-C light - Irradiation - High Pressure - Pulsed Electric Fields - Ultrasound - Vacuum Impregnation - Membranes - Ozone - Hurdle Technology Topics Associated with Fruit Preservation - Safety - Nutrition and Health - Consumer Perception - Sensory - Minimal Processing - Packaging Unit Operations for Fruit Processing - Cooling and Freezing - Dehydration - Frying

Fruits and fruit based products are, in most cases, associated with very good sensory characteristics, health, well-being, perishability, relatively easy to mix with food products of diverse origin, amenable to be processed by conventional and novel technologies. Given the multiplicity of aspects whenever fruit preservation is considered, the editors took the challenge of covering in a thorough, comprehensive manner most aspects dealing with this topic. To accomplish these goals, the editors invited well known colleagues with expertise in specific disciplines associated with fruit preservation to contribute chapters to this book. Eighteen chapters were assembled in a sequence that would facilitate, like building blocks, to have at the same time, a birds-eye view and an in-depth coverage of traditional and novel technologies to preserve fruits. Even though processing took center stage in this book, ample space was dedicated to other relevant and timely topics on fruit preservation such as safety, consumer perception, sensory and health aspects. **FEATURES:** Traditional and Novel Technologies to Process Fruits - Microwaves - Ohmic Heating - UV-C light - Irradiation - High Pressure - Pulsed Electric Fields - Ultrasound - Vacuum Impregnation - Membranes - Ozone - Hurdle Technology Topics Associated with Fruit Preservation - Safety - Nutrition and Health - Consumer Perception - Sensory - Minimal Processing - Packaging Unit Operations for Fruit Processing - Cooling and Freezing - Dehydration - Frying



165,84 €

154,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781493992447

Medium: Buch

ISBN: 978-1-4939-9244-7

Verlag: Springer

Erscheinungstermin: 10.12.2019

Sprache(n): Englisch

Auflage: Softcover Nachdruck of the original 1. Auflage 2018

Serie: Food Engineering Series

Produktform: Kartoniert

Gewicht: 820 g

Seiten: 532

Format (B x H): 155 x 235 mm

