Record Nr. UNINA9910806293603321 Packaging for nonthermal processing of food / / edited by Jung H. Han **Titolo** Ames, Iowa, : Blackwell Pub., : IFT Press, 2007 Pubbl/distr/stampa **ISBN** 1-282-36552-5 9786612365522 0-470-27772-6 1-61583-200-9 0-470-27647-9 Edizione [1st ed.] Descrizione fisica 1 online resource (250 p.) Collana **IFT Press series** Altri autori (Persone) HanJung H 664/.09 Disciplina Soggetti Food - Packaging Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Packaging for Nonthermal Processing of Food; Contents; Contributors; Preface; Chapter 1. Packaging for Nonthermally Processed Foods; Chapter 2. The Role of Active Packaging in Nonthermal Processing Systems; Chapter 3. Edible Coatings Containing Bioactive Antimicrobial Agents; Chapter 4. Bio-Map: Modified-Atmosphere Packaging With Biological Control for Shelf-Life Extension; Chapter 5. Packaging for High-Pressure Processing, Irradiation, and Pulsed Electric Field Processing; Chapter 6. Packaging for Foods Treated by Ionizing Radiation Chapter 7. Radio Frequency Identification Systems for Packaged FoodsChapter 8. Consumer Choice: Responses to New Packaging Technologies: Chapter 9. European Standpoint to Active Packaginglegislation, Authorization, and Compliance Testing; Chapter 10. Packaging for Nonthermal Food Processing: Future; Index Sommario/riassunto A number of novel thermal and nonthermal processing methods are in active research and development in industry, academic and government laboratories. A key step that needs to be addressed is how to best package commodities processed by high pressure, pulsed electric fields, UV, irradiation, microwave or radio frequency heating, bioactive

coating/packaging, or the treatment with probiotics to best preserve

the benefits of improved product quality imparted by these emerging preservation technologies. Packaging for Nonthermal Processing of Food reviews typical nontherma