

1. Record Nr.	UNINA9910144386903321
Titolo	High pressure processing of foods [[electronic resource] /] / editors, Christopher J. Doona, Florence E. Feeherry ; foreword by C. Patrick Dunne
Pubbl/distr/stampa	Ames, Iowa, : Blackwell Pub. [Chicago], : IFT Press, c2007
ISBN	1-282-11261-9 9786612112614 0-470-37640-6 1-61583-201-7 0-470-37631-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (274 p.)
Collana	IFT Press series
Altri autori (Persone)	DoonaChristopher J FeeherryFlorence E
Disciplina	664/.02
Soggetti	Food industry and trade High pressure (Technology)
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	High Pressure Processing of Foods; CONTENTS; Contributors; Foreword; Prologue; Preface; Acknowledgments; Chapter 1. Introduction to High Pressure Processing of Foods; Chapter 2. Germination of Spores of Bacillus subtilis by High Pressure; Chapter 3. Inactivation of Bacillus cereus by High Hydrostatic Pressure; Chapter 4. Inactivation of Bacillus Spores at Low pH and in Milk by High Pressure at Moderate Temperature; Chapter 5. Pressure and Heat Resistance of Clostridium botulinum and Other Endospores Chapter 6. The Quasi-chemical and Weibull Distribution Models of Nonlinear Inactivation Kinetics of Escherichia coli ATCC 11229 by High Pressure ProcessingChapter 7. Sensitization of Microorganisms to High Pressure Processing by Phenolic Compounds; Chapter 8. Functional Genomics for Optimal Microbiological Stability of Processed Food Products; Chapter 9. Determination of Quality Differences in Low-Acid Foods Sterilized by High Pressure versus Retorting; Chapter 10.

Consumer Evaluations of High Pressure Processed Foods  
Chapter 11. Compression Heating and Temperature Control in High  
Pressure ProcessingIndex

Sommario/riassunto

In High Pressure Processing of Foods, an array of international experts interrelate leading scientific advancements that use molecular biology techniques to explore the biochemical mechanisms of spore germination and inactivation by high pressure; investigate the inactivation of different spore species as functions of processing parameters such as pressure, temperature, time, food matrix, and the presence of anti-microbials; propose predictive mathematical models for predicting spore inactivation in foods treated with HPP; address commercial aspects of high pressure processing that incl

2. Record Nr.

UNINA9910785509703321

Autore

Hasegawa Guy R

Titolo

Mending broken soldiers [[electronic resource] ] : the Union and Confederate programs to supply artificial limbs / / Guy R. Hasegawa ; with a foreword by James M. Schmidt

Pubbl/distr/stampa

Carbondale, : Southern Illinois University Press, c2012

ISBN

1-283-57827-1  
9786613890726  
0-8093-3131-4

Descrizione fisica

1 online resource (162 p.)

Disciplina

973.7/75

Soggetti

Artificial limbs - United States - History - 19th century  
Artificial limbs - Confederate States of America - History  
Amputees - Services for - United States - History - 19th century  
Amputees - Services for - Confederate States of America - History  
Soldiers - Medical care - United States - History - 19th century  
Soldiers - Medical care - Confederate States of America - History  
United States History Civil War, 1861-1865 Medical care  
United States History Civil War, 1861-1865 Technology

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	Melancholy Harvest -- The Best Substitutes Known to Art -- Noble Charity -- Good and Serviceable Limbs -- An Act of Esteem and Gratitude -- Manifold Difficulties -- Magnificent Benefaction -- Appendix A: Makers and Inventors Associated with the Union and Confederate Artificial-Limbs Programs -- Appendix B: Artificial Limbs and Resection Apparatus Supplied to U.S. Soldiers and Sailors by May 10, 1866.
Sommario/riassunto	The four years of the Civil War saw bloodshed on a scale unprecedented in the history of the United States. Thousands of soldiers and sailors from both sides who survived the horrors of the war faced hardship for the rest of their lives as amputees. Now Guy R. Hasegawa presents the first volume to explore the wartime provisions made for amputees in need of artificial limbs-programs that, while they revealed stark differences between the resources and capabilities of the North and the South, were the forebears of modern government efforts to assist in the rehabilitation of wounded service memb