

1. Record Nr.	UNINA9910785412603321
Titolo	Application of alternative food-preservation technologies to enhance food safety and stability [[electronic resource] /] / editors, Antonio Bevilacqua, Maria Rosaria Corbo, Milena Sinigaglia
Pubbl/distr/stampa	[S.l.], : Bentham e Books, [2010]
ISBN	1-60805-096-3
Descrizione fisica	1 online resource (215 p.)
Altri autori (Persone)	BevilacquaAntonio CorboMaria Rosaria SinigagliaMilena
Disciplina	664.028
Soggetti	Food - Preservation Food handling
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	01Title.pdf; 02 Cover Page; 03 eBooks End User License Agreement-Website; 04 contents; 06 PREFACE; 08 CHAPTER 1; 09 CHAPTER 2; 10 CHAPTER 3; 11 CHAPTER 4; 12 CHAPTER 5; 13 CHAPTER 6; 14 CHAPTER 7; 15 CHAPTER 8; 16 CHAPTER 9; 17 CHAPTER 10; 18 APPENDIX I; 19 APPENDIX II; 20 Index
Sommario/riassunto	The book covers the applications of some alternative approaches for prolonging food shelf life. The book describes the role of food safety objectives, natural compounds (such as oils and microbial enzymes), pressure and atmospheric techniques and alternative approaches (microwave, irradiation and mathematical microbial modeling) in food preservation. Implications of preservative approaches on food texture and sensorial quality are also discussed along with technology related hurdles commonly encountered in the field. The book should be very useful for food producers and microbiologists.