

1. Record Nr.	UNINA9910583470903321
Titolo	Food Packaging and Preservation / / edited by Alexandru Mihai Grumezescu, Alina Maria Holban
Pubbl/distr/stampa	London : , : Academic Press, , [2018]
ISBN	0-12-811516-5
Descrizione fisica	1 online resource (xxviii, 559 pages) : illustrations
Collana	Handbook of food bioengineering ; ; 9
Disciplina	664.028
Soggetti	Food - Packaging Food - Preservation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Basic and applied concepts of edible packaging for foods / Jorge A. Aguirre-Joya, Miguel A. De Leon-Zapata, Olga B. Alvarez-Perez, Cristian Torres-Leon, Diana E. Nieto-Oropeza, Janeth M. Ventura-Sobrevilla, Miguel A. Aguilar, Xochitl Ruelas-Chacon, Romeo Rojas, Maria Elena Ramos-Aguinaga, Cristobal N. Aguilar -- New food packaging systems / Rui M.S. Cruz, Vera Alves, Igor Khmelinskii, Margarida C. Viera -- Active food packaging from botanical, animal, bacterial, and synthetic sources / Fernanda V. Leimann, Odinei H. Goncalves, Lyssa S. Sakanaka, Alexandre S.B.Azevedo, Mirela V. Lima, Filomena Barreiro, Marianne A. Shirai -- Powerful solution to mitigate the temperature variation effect : development of novel superinsulating materials / Safoura Ahmadzadeh, Ali Nasirpour, Javad Keramat, Stephane Desobry -- Report on edible films and coatings / Joslin Menezes, K.A. Athmaselvi -- Antioxidant polymers for food packaging / Giuseppe Cirillo, Manuela Curcio, Tania Spataro, Nevio Picci, Donatella Restuccia, Francesca Lemma, Umile G. Spizzirri -- Polysaccharide nanobased packaging materials for food application / Aungkana Orsuwan, Rungsinee Sothornvit -- Bio-bases nanocomposites for food packaging and their effect in food quality and safety / Oscar L. Ramos, Ricardo N. Pereira, Miguel A. Cerqueira, Joana R. Martins, Jose A. Teixeira, F. Xavier Malcata, Antonio A. Vicente -- Biodegradable films : an alternative food packaging / Meritaine da Rocha, Michele M. de Souza, Carlos Prentice.

Recent trends in active, smart, and intelligent packaging for food products / Gargi Ghoshal. New materials for the aging of wines and beverages : evaluation and comparison / Ignacio Nevares, Maria del Alamo-Sanza -- Natural antimicrobial agents for food biopreservation / Mohd Yusuf -- Dairy whey protein-based edible films and coating for food preservation / Prospero Di Pierro, Loredana Mariniello, Valeria L. Giosafatto, Marilena Esposito, Mohammed Sabbah, Raffaele Porta -- Polymers for modified atmosphere packaging applications / Behjat Tajeddin, Bahareh Ahmadi, Farahnaz Sohrab, Hossein Ahmadi Chenarbon -- Using laccases for food preservation / Frederic Debaste, Sigrid Flahaut, Michel Penninckx, George Songulashvili.
