

1. Record Nr.	UNINA9910583498303321
Titolo	Food microstructure and its relationship with quality and stability // edited by Sakamon Devahastin
Pubbl/distr/stampa	Duxford, England : , : Woodhead Publishing, , 2018 ©2018
ISBN	0-08-101766-9 0-08-100764-7
Descrizione fisica	1 online resource (301 pages) : illustrations (some color)
Collana	Woodhead Publishing Series in Food Science, Technology and Nutrition
Disciplina	664.001579
Soggetti	Food - Microbiology Food - Quality
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part One: Fundamentals of Food Microstructure and Its Relationship with Quality and Stability. Measurement and visualization of food microstructure: Fundamentals and recent advances ; Microstructure, composition and their relationship with molecular mobility, food quality and stability ; Food microstructure as affected by processing and its effect on processed food quality and stability ; Engineered food microstructure for enhanced quality and stability -- Part Two: Food Microstructure and Its Relationship with Quality and Stability in Specific Products. Microstructure and its relationship to controlled release behavior of different vehicles ; Microstructure, constituents and their relationship with stability of food hydrocolloids ; Microstructural changes and their relationship to quality and stability of frozen foods ; Microstructure and its relationship to quality and storage stability of dried foods ; Microstructure and its relationship to quality and storage stability of extruded products ; Microstructure, constituents and their relationship with quality and functionality of dietary fibers ; Microstructure, constituents and their relationship with quality and functionality of confectionary and bakery products ; Non-thermal processing technologies for fabrication of microstructures to enhance food quality and stability.

