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Nota di contenuto	Smart Packaging Technologies for Fast Moving Consumer Goods; Contents; Contributors; Preface; 1 Active Packaging of Food; 1.1 Introduction and Background Information; 1.2 Oxygen Scavengers; 1.2.1 ZerO2 ® Oxygen Scavenging Materials; 1.3 Carbon Dioxide Scavengers/Emitters; 1.4 Ethylene Scavengers; 1.5 Ethanol Emitters; 1.6 Preservative Releasers; 1.7 Moisture Absorbers; 1.8 Flavour/Odour Absorbers and Releasers; 1.9 Temperature Control Packaging; 1.10 Temperature Compensating Films; 1.11 Conclusions; References; 2 Active Polymer Packaging of Non-Meat Food Products; 2.1 Introduction 2.2 Bread and Bakery Products2.2.1 Elimination of Oxygen from Inside the Package: Oxygen Scavengers; 2.2.2 Inhibition of Mould Growth: Ethanol Emitters; 2.2.3 Other Smart Technologies for Bakery Products; 2.3 Fruits and Vegetables; 2.3.1 Slowing Down the Ripening Rate: Ethylene Scavengers; 2.3.2 Control of Gas Concentration: CO2 Controllers; 2.3.3 Other Smart Technologies for Fresh Produce; 2.4

Dairy Products; 2.4.1 Reducing Lactose and Cholesterol Content: Enzymatically Active Packages; 2.4.2 Oxygen Scavenging Films for Yoghurt; 2.4.3 Other Smart Technologies for Dairy Products
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Sommario/riassunto

Smart Packaging Technologies for Fast Moving Consumer Goods approaches the subject of smart packaging from an innovative, thematic perspective: Part 1 looks at smart packaging technologies for food quality and safety Part 2 addresses smart packaging issues for the supply chain Part 3 focuses on smart packaging for brand protection and enhancement Part 4 centres on smart packaging for user convenience. Each chapter starts with a definition of the technology, and proceeds with an analysis of its workings and components before concluding with snapshots of potential ap
