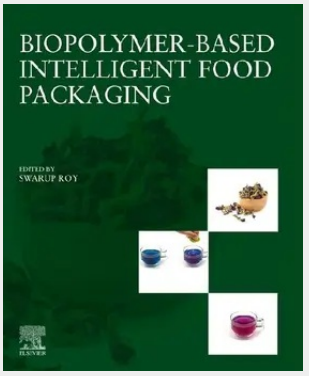
Roy

Biopolymer-Based Intelligent Food Packaging



183,50 €
183,50 € (zzgl. MwSt.)

Nicht mehr lieferbar

Biopolymer-Based Intelligent Food Packaging explores the transformative potential of intelligent packaging technologies that not only enhance food preservation but also actively monitor freshness and safety throughout the supply chain. The book starts with a comprehensive introduction to intelligent packaging and innovative solutions, discussing technologies such as real-time monitoring and their implications for food safety. Following chapters explore the use of biopolymers as a sustainable solution, with each chapter reviewing applications of biopolymer-based intelligent packaging across various food categories, from fresh produce to processed items, while highlighting practical applications and benefits. In addition, the book addresses the challenges associated with scaling up commercial applications and outlines future research directions aimed at improving the economic viability and environmental sustainability of intelligent packaging technologies. This book is a valuable resource to researchers and advanced students in polymer science, packaging, and food science, as well as scientists and R&D professionals interested in innovative solutions in food packaging.

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