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Nota di contenuto	Transforming wastes into high value-added products: An introduction Biopolymers and environment Biopolymers: Global carbon footprint and climate change Biopolymers: Regulatory and legislative issues Sustainable green methods for the extraction of biopolymers Biopolymers from agriculture wastes and by-products Biopolymers from industrial waste Biopolymers from microbial flora The scope of biopolymers in food industry Potential applications of biopolymers in fisheries industry Biopolymers in cosmetics, pharmaceutical, and biomedical applications Biopolymers in leather industry Biopolymers in automotive industry Biopolymers in electronics Biopolymer in wastewater treatment Bioplastics from biomass Sustainability challenges and future perspectives of biopolymer Biomaterials in coating industries
Sommario/riassunto	This book emphasizes various challenges and opportunities in biopolymers and identifying their potential applications in various fields including food, pharmaceuticals, cosmetics, and electronics. It offers an overview of the environmental-related issues, regulatory and legislative issues, green extraction technologies, and sustainability challenges. It will be interesting and valuable for researchers working in the related field.