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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Principles of tissue engineering -- Mimicking to tissue engineering -- Mimicked molecular structure in scaffolds -- Mimicked morphology and geography in scaffolds -- Mimicked physical and mechanical function in scaffolds.
Sommario/riassunto	This book outlines the latest research on the design and fabrication of the biomaterials used in mimicked scaffolds for tissue engineering for maxillofacial and orthopedic applications. The book is written based on integration and optimized concepts of 3 main parts 1) principle of tissue engineering; 2) mimicking of structure and function of scaffolds which is similar to extracellular matrix (ECM); and 3) mimicked scaffolds for tissue engineering in maxillofacial and orthopedic surgery. The content of this book which is interdisciplinary in nature caters to medical product designers, materials scientists and engineers, biologists, and surgeons who have interest in the field of bone tissue engineering.