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Autore	Nicholson John W
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Nota di contenuto	Synthetic materials in medicine -- Polymers -- Ceramics -- Metals -- Dental materials -- Biological interactions with materials -- Tissue engineering.
Sommario/riassunto	Implants into the human body, such as hip joints, heart valves and dental crowns, have been increasingly used over the last 40 years or so, and many patients have benefited from their use. But how much is known about the metals, ceramics and polymers that are used in these repairs? This book provides a state-of-the-art account of the chemistry of the synthetic materials used in medicine and dentistry. It looks at the properties and interactions of these materials within the body at a molecular level, and includes discussion of bioengineering and cell biology. In addition, there is an account of