- Introduction
- Biomaterials History
- Part I Materials Science & Engineering
- Properties of Materials
- Part II Biology, Chemistry and Medicine
- Degradation of Materials in the Biological Environment
- Applications of Materials in Medicine, Dentistry and Biology
- Artifical Organs and Tissues
- Tissue Engineering
- Part III Practical Aspects of Biomaterials
- New Products and Standards
- Perspectives and Possibilities in Biomaterials Science
- Appendices
- Classes of Materials Used in Medicine
- Background Concepts
- Host Reactions to Biomaterials and Their Evaluation
- Testing Biomaterials
- Implants & Devices Special Concerns