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Collana	Biomaterials--properties, production and devices series
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Nota di bibliografia	Includes bibliographical references (p. [75]-152) and index.
Nota di contenuto	Intro -- CALCIUM ORTHOPHOSPHATE-BASED BIOCOMPOSITES -- CALCIUM ORTHOPHOSPHATE-BASED BIOCOMPOSITES -- Contents -- Abstract -- Introduction -- General Information on -- Composites and Biocomposites -- The Major Constituent -- Materials of Biocomposites for -- Biomedical Applications -- 3.1. Calcium Orthophosphates -- 3.2. Polymers -- 3.3. Inorganic Materials and Compounds (Metals, Ceramics, Glass, Oxides, Carbon, Etc.) -- Calcium Orthophosphate-Based Biocomposites and Hybrid Biomaterials -- 4.1. Biocomposites with Polymers -- Apatite-Based Biocomposites -- TCP-Based Biocomposites -- Other Calcium Orthophosphate-Based Biocomposites -- 4.2. Calcium Orthophosphate Cement-Based Biocomposites and Concretes -- 4.3. Nano-Calcium Orthophosphate-Based Biocomposites and Nano-Biocomposites -- 4.4. Biocomposites with Collagen -- 4.5. Biocomposites with Other Bioorganic Compounds and Biological Macromolecules -- 4.6. Injectable Bone Substitutes (IBS) -- 4.7. Biocomposites with Glasses, Inorganic Materials and Metals -- 4.8. Functionally Graded Biocomposites -- 4.9. Biosensors -- Interaction Between the -- Phases in Calcium Orthophosphate-Based Biocomposites -- Bioactivity and Biodegradation -- of Calcium Orthophosphate- -- Based Biocomposites -- Some Challenges and Critical Issues -- Conclusions -- References -- Nomenclature -- Index.
Sommario/riassunto	In this book, the state-of-the-art of calcium orthophosphate-based biocomposites and hybrid biomaterials suitable for biomedical

applications is presented.
