Record Nr. UNINA9910984623703321 Autore Iafisco Michele Titolo **Bioceramics** Pubbl/distr/stampa Zurich:,: Trans Tech Publications, Limited,, 2021 ©2021 **ISBN** 9783035735857 3035735859 Edizione [1st ed.] Descrizione fisica 1 online resource (659 pages) Specialized Collections ; ; v. Volume 15 Collana Altri autori (Persone) BainoFrancesco KolisnychenkoStanislav 610.28 Disciplina Soggetti Ceramics in medicine Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Intro -- Bioceramics -- Preface -- Table of Contents -- Chapter 1: Nota di contenuto Calcium Phosphate Bioceramic Materials -- Influence of Zinc Substitution on Hydroxyapatite Structure Prepared by Chemical Precipitation Method -- Characteristic, Microstructure and Properties of Dense Hydroxyapatite Ceramic from Cockle Shell for Biomaterials --Characterization of Hydrothermal Processing Influence on Strontium Substituted Apatite by Investigating Stable Oxygen Isotope Ratio and Antibacterial Activity of Obtained Peroxyapatite -- The Influence of Microstructure on the Surface Charge of Sintered Hydroxyapatite Ceramics -- Hydrothermal Processing for Increasing the Hydroxyl Ion Concentration in Hydroxyl Depleted Hydroxyapatite -- Comparison of Different Classical and Instrumental Analysis Methods for Precise Quantification of Calcium and Phosphorous Ratio in Hydroxyapatite --Production and Characterization of Oxyhydroxyapatites --Characteristics of Abalone Mussel Shells (Halioitis asinina) with Calcination Temperature Variations as a Basic Material for Synthesis of Carbonated Hydroxyapatite -- The Effect of pH on the Characteristics

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Aggregated Book.