Record Nr. UNINA9910145055203321 Titolo **Biomaterials** Guildford, Surrey, : [IPC Science and Technology Press], 1980-Pubbl/distr/stampa **ISSN** 1878-5905 Disciplina 610.28 Soggetti Biomedical materials **Biocompatible Materials** Biocompatible Materials - periodicals Biomatériaux Periodicals. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Periodico Note generali Refereed/Peer-reviewed Title from contents screen (ScienceDirect, viewed Oct. 28, 2005). Some issues also have distinctive theme titles. Imprint varies: Butterworth Scientific Limited, <1989->; Elsevier Science Ltd., <1995-> Sommario/riassunto "Biomaterials is an international journal covering the science and application of biomaterials and associated medical devices. It is the aim of the journal to provide a peer-reviewed forum for the publication of original papers and authoritative review papers dealing with the most important issues facing the use of materials in clinical practice. The scope of the journal covers the basic science and engineering aspects of biomaterials, including their mechanical, physical, chemical and biological properties, relevant design and production characteristics of devices constructed of these materials, and their clinical performance. In this context, biomaterials are defined as all those materials used in

medical devices in which contact with the tissues of the patient is an important and guiding feature of their use and performance. They include a range of metals and alloys, glasses and ceramics, natural synthetics, polymers, biomimetics, composites and natural or tissue-

derived materials, including combinations of synthetic materials and living tissue components. The journal is relevant to all applications of biomaterials including implantable medical devices, tissue engineering and drug delivery systems."