Record Nr. UNINA9910465156903321 Advance medical materials and applications / / edited by Mohammad A. **Titolo** Jafar Mazumder and Amir Al-Ahmed Pubbl/distr/stampa Durnten-Zurich:,: Trans Tech Publications,, [2013] ©2013 **ISBN** 3-03826-240-4 Descrizione fisica 1 online resource (223 p.) Collana Advanced materials research;; 810 Altri autori (Persone) MazumderMohammad A. Jafar Al-AhmedAmir Disciplina 620.11 Soggetti Biomedical engineering Biomedical materials Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Advance Medical Materials and Applications; Preface; Table of Contents; Bio-Encapsulation for the Immune-Protection of Therapeutic Cells; E-Cadherin - Fc Chimeric Protein-Based Biomaterial: Breaking the Barriers in Stem Cell Technology and Regenerative Medicine; Advances in Molecular Technologies and Platforms for the Diagnosis of Infectious Diseases; Medical Applications of Fermentation Technology; A Review on the Formulation and Analysis of Anti-Diabetic Agent: Gliclazide; Biomedical Perspectives of Polyaniline Based Biosensors; Keywords Index: Authors Index Advanced materials refer to all new and existing materials showing Sommario/riassunto superior performance in one or more characteristics over the traditional materials that are critical for the applications and uses. The presentations in Advance Medical Materials and Applications reflect the true inter-disciplinary nature of biomaterials science, describes the scientific background and thoroughly discusses the sequences of new development and applications of advanced materials in biomedical engineering, biology and medicine, and to deliver real benefits in health care technology and quality of life. Academic an