Record Nr. UNINA9910807802103321 Materials for biomedical applications : special topic volume with invited **Titolo** peer reviewed papers only / / edited by Mohammad A. Jafar Mazumder and Amir Al-Ahmed Switzerland:,: Trans Tech Publications,, 2014 Pubbl/distr/stampa Switzerland:,: Trans Tech Publications Ltd,, [date of distribution not identified1 ©2014 **ISBN** 3-03826-565-9 Descrizione fisica 1 online resource (150 p.) Advanced Materials Research, , 1022-6680; ; Volume 995 Collana Disciplina 574.19127 Soggetti Bioelectrochemistry Biomedical engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes indexes. Nota di contenuto Materials for Biomedical Applications: Preface: Table of Contents: Pentose Phosphate Pathway in Disease and Therapy; Advanced Materials for Gene Delivery; Weeds as Alternative Useful Medicinal Source: Mimosa pudica Linn. on Diabetes Mellitus and its Complications; Substituted Quinoline Derivatives as Potent Biological Agents; Congenital Heart Diseases and Biotechnology: Connecting by Connexin: NanoTiO2-Enriched Biocompatible Polymeric Powder Coatings: Adhesion, Thermal and Biological Characterizations: Nanomaterials in Electrochemical Biosensor; Keywords Index; Authors Index Sommario/riassunto This book summarises the up-to-date status of the field, covers important scientific and technological developments by many distinguished experts, who came together to contribute their research work and comprehensive, in-depth and up to date articles. Written in a versatile and contemporary style, this book can be used as an invaluable reference source for graduate students, scientist, researcher working in chemistry, polymer chemistry, polymer engineering, chemical engineering and materials science. We are thankfully appreciate the tremendous efforts and co-operation of all contributing