

1. Record Nr.	UNINA9910453784803321
Titolo	Biomedical composites : materials, manufacturing and engineering / / edited by J. Paulo Davim
Pubbl/distr/stampa	Berlin ; ; Boston : , : Walter de Gruyter GmbH & Co., KG, , [2014] ©2014
ISBN	1-5231-0047-8 3-11-026748-9
Descrizione fisica	1 online resource (184 p.)
Collana	Advanced Composites ; ; 2 Advanced composites, , 2192-8983 ; ; 2
Classificazione	UV 9500
Altri autori (Persone)	DavimJ. Paulo
Disciplina	610.28/4
Soggetti	Biomedical materials Composite 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 index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- List of Contributing Authors -- 1. Ceramic polymer composites for hard tissue applications / Victor, Sunita Prem / Sharma, Chandra P. -- 2. HAp-metal based biocomposite coatings and characteristics of plasma-deposited HAp-Ti/Ti6Al4V coatings / Zhou, Xuan / Guduru, Ramesh K. -- 3. Hydrogels based on poly(vinylalcohol) for cartilage replacement / Volpe, Julieta / Masi, Lucía M. / Alvarez, Vera A. / Gonzalez, Jimena S. -- 4. Polymer composites for cemented total hip replacements / Arun, S. / Sreekanth, P. S. Rama / Kanagaraj, S. -- 5. Bioresorbable composites for bone repair / Pina, Sandra / Ferreira, José M.F. -- 6. Bioactive glasses and glass-ceramics / El-Damrawi, G. / Doweidar, H. -- 7. Metal oxide-based one- dimensional titania nanostructures via electrospinning: Characterization and antimicrobial applications / Hassan, M. Shamshi / Amna, Touseef / Bououdina, Mohamed / Khil, Myung-Seob -- 8. Hydrogels for biomedical applications / Russo, Luisa / Zaccaria, Sabrina / Autiello, Maria Assunta / Borzacchiello, Assunta -- Index
Sommario/riassunto	Composite materials are engineered materials, made from two or more constituents with significantly different physical or chemical properties

which remain separate on a macroscopic level within the finished structure. Due to their special mechanical and physical properties they have the potential to replace conventional materials in various fields such as the biomedical industry.

2. Record Nr.	UNISA996332644603316
Titolo	Journal of Chinese history = : Zhongguo li shi xue kan
Pubbl/distr/stampa	[New York, NY] : , : Cambridge University Press, , [2017]-
ISSN	2059-1640
Descrizione fisica	1 online resource
Disciplina	951.005
Soggetti	History Periodicals. China History Periodicals China
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico