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Descrizione fisica	1 online resource (481 p.)
Collana	Advanced materials series
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Composite materials for application in printed electronics / Kamil Janeczek -- Study of current-limiting defects in superconductors using low-temperature scanning laser microscopy / Pei Li and Dmytro Abraimov -- Innovative high-tech ceramics materials / Husnugul Ylmaz Atay -- Carbon nanomaterials-based enzymatic electrochemical sensing / Rooma Devi, Lipsy Chopra, C.R. Suri, D.K. Sahoo and C.S. Pundir -- Nanostructured ceramics and bioceramics for bone cancer treatment / B. Palazzo, S. Scialla, F. Scalera, N. Margiotta and F. Gervaso -- Therapeutic strategies for bone regeneration: the importance of biomaterials testing in adequate animal models / P.O. Pinto, L.M. Atayde, J.M. Campos, A.R. Caseiro, T. Pereira, C. Mendonca, J.D. Santos and A.C. Mauricio -- Tuning hydroxyapatite particles: characteristics for solid freeform fabrication of bone scaffolds / F. Miculescu, A. Maidaniuc, G.E. Stan, M. Miculescu, S.I. Voicu, A. Cimpean, V. Mitran and D. Batalu -- Carbon nanotubes-reinforced bioceramic composite: an advanced coating material for orthopedic applications / D. Gopi, E. Shinyjoy, L. Kavitha and D. Rajeswari.

Sommario/riassunto

"This book provides a compilation of innovative fabrication strategies and utilization methodologies which are frequently adopted in the advanced composite materials community with respect to developing appropriate composites to efficiently utilize macro and nanoscale features"--
