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Altri autori (Persone)	BoseSusmita <1969-> BandyopadhyayAmit NarayanRoger
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Nota di contenuto	Cover; Title Page; Copyright Page; Contents; Preface; Characterization of Calcium Phosphate Reinforced Ti-6Al-4V Composites for Load-Bearing Implants; Characterization of Next-Generation Nickel-Titanium Rotary Endodontic Instruments; Effect of Cold Work and Aging on a Cobalt-Nickel Based Alloy; Surface Coating of Poly-D-L-Lactide/Nano-Hydroxyapatite Composite Scaffolds for Dexamethasone-Releasing Function and Wettability Enhancement; Mechanical Behavior in Compression and Flexure of Bioactive Glass (13-93) Scaffolds Prepared by Robotic Deposition Phase Stability and Young's Modulus of Ti-Cr-Sn-Zr AlloysSol-Gel Preparation of Silica-Based Nano-Fibers for Biomedical Applications; Bioactive Rosette Nanotube Composites for Cartilage Applications; Optical Properties of Dental Bioceramics Evaluated by Kubelka-Munk Model; Frequency Effect on Electrochemical Characteristics of MAO Coated Magnesium Alloy in Simulated Body Fluid; Influence of Tantalum and Tungsten Doping on Polarizability and Bioactivity of Hydroxyapatite Ceramics; Quantitative Evaluation of the Hydrophilic Properties of

Polarized Hydroxyapatite
Mechanisms of Platelet Activation by Biomaterials and Fluid Shear
Flow Processing and Bioactivity Evaluation of Ultrafine-Grained
Titanium; Controlling Biological Functionalization of Surfaces by
Engineered Peptides; Author Index

Sommario/riassunto

This volume contains 14 contributed papers from the following 2012
Materials Science and Technology (MS&T'12) symposia: Next Generation
Biomaterials Surface Properties of Biomaterials
