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Nanocomposites of Poly(L-Lactic Acid) and Maghemite for Drug Delivery of Caffeine; SURFACE PROPERTIES OF BIOMATERIALS; Hard and Wear Resistant Surfaces for Load Bearing Metal Implants  
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Calcium Phosphate Ceramics in Drug Delivery and Bone Tissue Engineering; Nanoscale Hydroxyapatite Coatings on Ti: Simultaneous Enhancement of Mechanical and Biological Properties; Thermal Sprayed Bioceramics Coatings for Metallic Implants; Role of Reinforced Materials in Thermal Sprayed Hydroxyapatite Coating on Bio Implants: A Review; Selective Laser Sintering Fabrication of 13-93 Bioactive Glass Bone Scaffolds; Author Index

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Sommario/riassunto

This book contains 18 papers from the Next Generation Biomaterials and Surface Properties of Biomaterials symposia held during the 2010 Materials Science and Technology (MS&T'10) meeting, October 17-21, 2010, Houston, Texas. Topics include: Biocompatible Coatings; Drug Delivery and Anti-Microbial Coatings; Ceramic and Metallic Biomaterials; Biomaterials for Tissue Engineering; and Surface Modification.

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