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Nota di contenuto	""PREFACE""; ""CONTENTS""; ""Cytotoxicity Assessment of Corrosion Products of Nitinol Alloys""; ""Inhibiting Microbial Biofilm Formation by Brominated Furanones""; ""Characterization of a€?As-Receiveda€? Nickel a€? Titanium Alloy Wire By Cyclic Potentiodynamic Polarization""; ""Can a Critical Breakdown Potential be Established for Electrochemical Corrosion Testing of Medical Devices According to ASTM F2129?""; ""The Effects of Heat Treatment, Surface Condition and Strain on Nickel-Leaching Rates and Corrosion Performance in Nitinol Wires"" ""The Effect of Surface Abrasion on the Polarization Behavior of CoCr, Ti-6Al-4V and 316L SS in PBS at pH 7 and 2""""Improving the Reliability of Medical Devices Coatings""; ""Ultrasonic Cleaning-Induced Failures in Medical Devices""; ""Application of Electrochemical Impedance Spectroscopy for Implants with Sputtered Iridium Oxide Coatings""; ""Electrochemical Characteristics of Titanium and its Alloys in Phosphate Buffer Saline""; ""Titanium Oxide Layer on the Surface of Anodized Dental Implants""; ""An Introduction to a New Family of Palladium Based Medical Alloys"" ""Characterization of Mechanical Properties and Microstructure of a Biomedical Magnesium-Calcium Alloy""""Strength and Fatigue Improvement of Metastable Beta Titanium Alloys by Boron Additions and Equal Channel Angular Extrusion""; ""Improvement in Fatigue

Strength of Ti-29Nb-13Ta-4.6Zr Alloy while Maintaining Low Modulus for Biomedical Applications"; "Investigation of Alternate Materials for Apertures in Proton Therapy"; "A Comparison of Pd-Ir Alloys to Pt-Ir Alloys"; "Active Biomaterials"; "Catheter and Specialty Needle Alloys" "Texture and Microstructure of Ag Core MP35N Wire with NDR Process" "Evaluation of Biodegradable Adjunctive Therapy for Extremity Wound Infection Reduction"; "Mechanical Properties of a Sintered Asymmetric Particle Ingrowth Coating"; "Clinical Consequences of CoCr Wear Products in the Hip"; "Effects of Wire Contact Conditions on the Bending and Torsion Behaviors of Metal Wire Braids"; "Fabrication of Nano-gap Electrodes and Nano-wires by Using Electrochemical and Chemical Etching Technique for a Nano-pore DNA/RNA Sequencer" "Influence of Silicon Carbide Layers on the Mechanical Behavior of Silicon-Alloyed Isotropic Pyrolytic Carbon" "Oxygen Plasma Treatment on Adhesion Improvement of Au Deposited on Pa-c Substrates"; "Towards Bioactive Titanium Maxillofacial Implants"; "Developing Cell Selectivities of Acrylonitrile Based Copolymers and Porous Bodies from Poly(ether imide)"; "Luer Tip Roughness and Texture to Prevent Breakage in Critical Applications"; "Cellular Response to Anodic and Cathodic Surface Voltage, and Metal Ion Release in Polarized CoCr Biomedical Alloy" "Titanium Alloys Manufactured with Electron Beam Melting Mechanical and Chemical Properties"
