

eBook Information

Titanium-Based Alloys for Biomedical Applications

Petrică Vizureanu and Mădălina Simona Bălțatu

Monograph / PDF eBook DRM Free

The book presents the state-of-the-art of biomaterials used in the human body and reports new research on various Ti-based alloys with non-toxic elements (Mo, Zr, Ta, Si, Nb, etc.) aimed at improved mechanical properties, corrosion resistance and biocompatibility.

Keyword: Titanium Alloys, Biomedical Materials, Cytotoxicity Assessment, Biocompatibility, Production and Properties of Ti-Mo-Zr-Ta Alloys, Surface Modification, Powder Metallurgy, Characterization of Ti-Mo-Zr-Ta-Alloys, Mechanical Properties, Differential Scanning Calorimetry, Electrochemical Behavior, Optical Microstructure, X-ray Diffraction, Thermal Characterization, Corrosion Resistance, Medical Applications

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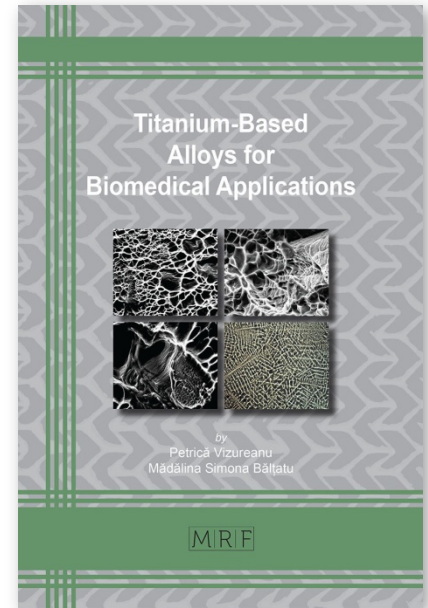
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