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METHODS; RESULTS; DISCUSSION; CONCLUSION; REFERENCES;
Application of Transillumination Imaging to Injection Assist System;
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Feasibility Study for 3D Reconstruction of Internal Structure of Animal
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Biomechanics; CONCLUSION; REFERENCES; The Image Reconstruction
Principle in PET/CT Scanner; INTRODUCTION [1]; THE IMAGE
RECONSTRUCTION ALGORITHM OF PET/CT SCANNER [2,3];
MATHEMATIC MODELING AND SIMULATION OF PET/CT SCANNER
OPERATION; CONCLUSIONS; REFERENCES
X-Ray IO Monitor Device for Primary Intensity Measurement in
Computed Tomography (CT) Scanner INTRODUCTION; SENSING
ELEMENT; MATERIALS AND METHODS; RESULTS AND DISCUSSION;
CONCLUSIONS; REFERENCES; Characterization of X-Ray Sensors and IO
Monitor Device Testing for Primary and Secondary Intensities
Measurement; INTRODUCTION; MATERIALS AND METHODS; RESULTS
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RESULTS AND DISCUSSION; CONCLUSIONS; REFERENCES; Bending
Stiffness of IM Nails for Orthopedic Applications: A Comparative Study
between 12 Specimen Group from 9 Established Manufacturers;
INTRODUCTION; METHODS; RESULTS; DISCUSSION; CONCLUSION;
REFERENCES; A Pipelined Analog - To - Digital Converter (ADC) Using
Umc 0.25m Technology for Pacemaker Application; INTRODUCTION;
PIPELINED ANALOG-TO-DIGITAL CONVERTER; MULTIPLYING DIGITAL TO
ANALOG CONVERTER (MDAC); CHARGE-PUMP TOPOLOGY; SIMULATION
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INTRODUCTION

Sommario/riassunto

This volume presents the proceedings of the Fourth International Conference on the Development of Biomedical Engineering in Vietnam which was held in Ho Chi Minh City as a Mega-conference. It is kicked off by the Regenerative Medicine Conference with the theme "BUILDING A FACE" USING A REGENERATIVE MEDICINE APPROACH", endorsed mainly by the Tissue Engineering and Regenerative Medicine International Society (TERMIS). It is followed by the Computational Medicine Conference, endorsed mainly by the Computational Surgery International Network (COSINE) and the Computational Molecular Medicine of German National Funding Agency; and the General Biomedical Engineering Conference, endorsed mainly by the International Federation for Medical and Biological Engineering (IFMBE). It featured the contributions of 435 scientists from 30 countries, including: Australia, Austria, Belgium, Canada, China, Finland, France, Germany, Hungary, India, Iran, Italy, Japan, Jordan, Korea, Malaysia, Netherlands, Pakistan, Poland, Russian Federation, Singapore, Spain, Switzerland, Taiwan, Turkey, Ukraine, United Kingdom, United States, Uruguay and Viet Nam.
