

4th Kuala Lumpur International Conference On Biomedical Engineering 2008

[DOWNLOAD HERE](#)

1;Content;10 2;Advances in Neural Signal Processing and Modeling: Dynamics of the Respiratory Neural Networks during Maturation;23 3;Biomedical Engineering Inspired by Nature: Biomimetics;24 4;Current Issues and Future Possibilities for Biomedical Sensors;25 5;Global Challenges of Health Technology;26 6;The Biomechanics of Muscle Contraction: or Firing Biomechanics Research;27 7;Prosthetics and Orthotics (P&O): Today and Tomorrow;28 8;A Design of Gait Training Equipment for Monoplegia Patients;29 9;Data Mining, Modeling and Knowledge Discovery Methods for Personalised Biomedical Decision Support Systems;33 10;Pathomechanics of Post-traumatic Knee Injuries;35 11;Ventricular Assist Device for Patient with End Stage Heart Failure A Malaysian Experience;40 12;Research on Badminton Games: Past and Present;44 13;Classification on Diabetes Mellitus Data-set Based- on Artificial Neural Networks and ANFIS;49 14;Integration of Tension Development Model with the Fiber-Fluid Model of the Heart;53 15;Pulsatile Flow Past Multiple Cylinders: A Model Study of Blood Flow in an Artificial Lung;58 16;Application on Wireless Power Transmission for Biomedical Implantable Organ;62 17;Biomedical Electronics Engineering at Universiti Malaysia Perlis;66 18;Development of Website for the Operating Procedure of Software Contained in Medical Devices;70 19;Mathematical Modeling of Caspase Activated DNAase (CAD) Regulation Towards Apoptosis;74 20;Mixmodel Driven 3D Facial Synthesis to Computer-Aided Articulation Training;78 21;Syllabus Enhancement for Electromagnetic Course in Biomedical Electronics Engineering at Universiti Malaysia Perlis;83 22;Technomedicum of Tallinn University of Technology and Biomedical Engineering in Estonia;87 23;The First Decade of Biomedical Engineering Degree Program at the University of Malaya: Experiences and Achievements;91 24;A Facile Synthesis of Multicolor Polystyrene Microspheres Encapsulating Upconversion Fluorescent Nanoparticles;95 25;Application of Carbon Nanotubes For Removal of Copper Ion From Synthetic Water;99 26;Biocompatibility Study of PEI- NaYF₄: Yb, Er Upconversion Nanoparticles;104 27;Investigation of Carboxylic-functionalized Self-assembled Monolayers on Silicon and Gold and Their Application as pH- sensitive Probes Using Electrical Impedance Spectroscopy;108

28;Transforming Growth Factor- 1 and 3 Manipulation of HaCaT Keratinocyte Attachment to a 12.5m Fibronectin Patterned Surface Illustrated by Widefield Surface Plasmon Resonance Microscopy;113 29;2-D Visualizations of the Frequency Contents of Lamb Waves in a Bovine Cortical Tibia;116 30;A Comparative Evaluation on the Performance of Coifman Discrete and Stationary Wavelet Transform in ECG Signal Denoise Application;120 31;A Real-Time Algorithm for Extraction of Heart Beat in Invasive Blood Pressure;125 32;A Review on Feature Extraction & Classification Techniques for Biosignal Processing (Part I: Electrocardiogram);129 33;A Review on Feature Extraction & Classification Techniques for Biosignal Processing (Part II: Electroencephalography);135 34;A Review on Feature Extraction & Classification Techniques for Biosignal Processing (Part III: Electromyogram);139 35;A Review on Feature Extraction & Classification Techniques for Biosignal Processing (Part V: Gait Signal);144 36;An Age Index for Vascular System Based on Photoplethysmogram Pulse Contour Analysis;147 37;Artificial Neural Network Classification of Arterial Pulse Waveforms in Cardiovascular Diseases;151 38;Assessment of Salat Taraweeh and Fasting Effect on Body Composition;155 39;Assessment of Severity in Diabetic Autonomic Neuropathy Using Cumulative Linear Index of Higher Order Crossings;159 40;Blood Cell Image Segmentation: A Review;163 41;Cheap In-House Setup For EMG Acquisition;167 42;Classification of Emboli and Artifact by Neuro- Fuzzy in Transcranial Doppler Signals;171 43;Color Image Analysis to Grade Shades of a Color and its Application EAN/ISBN : 9783540691396 Publisher(s): Springer, Berlin Format: ePub/PDF Author(s): Abu Osman, N. A.

[DOWNLOAD HERE](#)

Similar manuals:

[4th Kuala Lumpur International Conference On Biomedical Engineering 2008](#)

[5th Kuala Lumpur International Conference On Biomedical Engineering 2011](#)