# **2013 20th Iranian Conference on Biomedical Engineering**

(ICBME 2013)

Tehran, Iran 18-20 December 2013



IEEE Catalog Number: CFP1318K-POD **ISBN:** 

978-1-4799-3233-7

#### **3 A B C D E F H I M N O P Q R T V**

**3 A B C D E F H I M N O P Q R T V** 

3-D electrical model of a neuroprosthesis stimulator based on the concept of stimulus router system ...&\*)

3D Automatic Segmentation of Coronary Artery Based on Hierarchical Region Growing Algorithm (3D HRG) in CTA Data- sets "&+)

### **3 A B C D E F H I M N O P Q R T V**

A 168µW MICS Band Transmitter Based on Injection Locking for Biomedical Sensor Nodes ....% (

A Fully Automated Segmentation of Radius Bone Based on Active Contour in Wrist MRI Data Set ... (&

A morphological approach for mental fatigue assessment "&' (

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A Simulation study on the spatial pattern of fiber activation in response to interferential currents stimulation "%\*\*

Absence epilepsy seizure onsets detection based on ECG signal analysis ....&%

Adaptive 3D MV Beamforming in Medical Ultrasound Imaging \*\*\*, %

Altered Connectivity of Task Related Functional Networks in Healthy Aging ....%+%

Analyzing Synergistic and Antagonistic Muscle Behavior during Elbow Planar Flexion-Extension: Entropy-assisted vs. Shift-Parameter Criterion \*\*\*)

Application of Second and Higher Order Subspace Tracking in Multichannel Data Analysis \*\* %\* %

Autonomous Detection of Heartbeats and Categorizing them by using Support Vector Machines .... &&'

**3 A B C D E F H I M N O P Q R T V** 

Bidirectional Neural Network for Pathological Voice Detection ....&' -

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Blood flow simulation in a stenotic vessel surrounded by biological tissue ... &&

Bond graph application in sports engineering: Evaluating the effects of impact parameters on tennis elbow injury .... &) )

**3 A B C D E F H I M N O P Q R T V** 

CFD study of mesenchymal stem cells in fluid flow "%\$"

Characteristics of the Howland current source for Bioelectric Impedance Measurements Systems ...% -

Characterization and evaluation of acacia gum loaded PVA hybrid wound dressing \*\*\* %( -

Comparing the Robustness of Brain Connectivity Measures to Volume Conduction Artifact ....&\$-

Continuum model of actin-myosin flow ...-,

Controlling a Drug Delivery Micropump Using Surface Acoustic Wave Correlator \*\*\*, +

#### **3 A B C D E F H I M N O P Q R T V**

Detection of Abnormalities in Wireless Capsule Endoscopy Frames using Local Fuzzy Patterns ... &, \*

Detection of Motion Artifacts in fNIRS via the Continuous Wavelet Transform ....&( '

Does Deficits in Place Field Formation Cause Spatial Navigation Impairment in Alzheimer's Disease? \*\*\*\*

## **3 A B C D E F H I M N O P Q R T V**

EEG-based Emotion Recognition Using Recurrence Plot Analysis and K Nearest Neighbor Classifier ....&&,

*Effect of considering stability requirements on antagonistic muscle activities using a musculoskeletal model of the human lumbar spine* "*&*\**\$* 

Estimating the heat source and the heat transfer coefficient simultaneously in a living tissue by conjugate gradient method "%s-

Extracting and study of synchronous muscle synergies during fast arm reaching movements "%)

**3 A B C D E F H I M N O P Q R T V** 

Feasibility of Ti-based Metallic Glass Coating in Biomedical Applications ....&) \$

Feature Descriptor Optimization in Medical Image Retrieval Based on Genetic Algorithm .....&, \$

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*Impairment of Long-Term Potentiation in Alzheimer's Disease: a Computational Study Based on Tripartite Synapse Structure* ''' +

Individual Teeth Segmentation in CBCT and MSCT Dental Images Using Watershed \*\*\* &+

Investigating the Role of Foot Placement on the Muscular Forces of Knee Extensors in Horizontal Leg Press: A Static Optimization Approach ...) -

**3 A B C D E F H I M N O P Q R T V** 

Mathematical modeling of heart rate and blood pressure variations due to changes in breathing pattern ...) (

Mechanical Design, Simulation and Nonlinear Control of a New Exoskeleton Robot for Use in Upper-Limb Rehabilitation after Stroke ...)

Modeling Blood Flow & Pressure in Systemic Circulation with Cuff Occlusion ...(,

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**3 A B C D E F H I M N O P Q R T V** 

*Neurophysiological Analysis of Schizophrenia Based On Dysfunction of the Glutamatergic System Using a Tripartite Synapse Model* "% '

Numerical and 1-D modeling of pulmonary circulation along with lumped parameter modeling of the heart ...- '

**3 A B C D E F H I M N O P Q R T V** 

Optimizing the Parameters of Continuous RF pulses for CEST MRI by Numerical Solution to the Bloch-McConnell Equations "%" +

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Personalized ECG Signal Classification Using Block-Based Neural-Network and Particle Swarm Optimization ....&\*

Predicting Emotions Induced by Music Using System Identification Theory ``%

Protein complex identification by graph local clustering ... &( +

Pseudo-increasing Frame Rates of Carotid Artery B-mode Images using Manifold Learning "%( '

**3 A B C D E F H I M N O P Q R T V** 

Quantifying variability of young and older adults during gait with Linear and Nonlinear Tools \*\*\*+%

**3 A B C D E F H I M N O P Q R T V** 

R-R Interval Simulation Based on Power Spectrum Curve Fitting "% &

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The appropriate dimensions of the porous microchannel for blood ions separation ...%+

The representation of fuzzy model for auditory brainstem response to one syllable speech stimuli /da/ \*\*\* %

*Time Series Analysis of the Twinkling Artifact in Color Doppler Sonography for Surface Roughness Differentiation: An In Vitro Feasibility Study* 

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Validation of the Saadat NIBP module according to the ANSI/AAMI-SP10 protocol ....% -

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