

A motion artifact generation and assessment system for the rapid testing of surface biopotential electrodes

A new algorithm to improve assessment of cortical bone geometry in pQCT

Assessment of PIV performance in validating CFD models from nasal cavity CBCT scans

Automatic optimization of an in silico model of human iPSC derived cardiomyocytes recapitulating calcium handling abnormalities

Calcium Assists Dopamine Release by Preventing Aggregation on the Inner Leaflet of Presynaptic Vesicles

Cholesterol Protects the Oxidized Lipid Bilayer from Water Injury  
An All-Atom Molecular Dynamics Study

Computational modeling of electrophysiology and pharmacotherapy of atrial fibrillation  
Recent advances and future challenges

Current densities and total contact currents during forest clearing tasks under 400kV power lines

Cysteine-rich protein 1 is regulated by transforming growth factor- $\beta$ 1 and expressed in lung fibrosis

Differential processing in modality-specific Mauthner cell dendrites

Effect of exercise on bone structural traits, physical performance and body composition in breast cancer patients - A 12-month RCT

Effect of Omeprazole Dose, Nonsteroidal Anti-inflammatory Agents, and Smoking on Repair Mechanisms in Acute Peptic Ulcer Bleeding

Evaluation of optogenetic electrophysiology tools in human stem cell-derived cardiomyocytes

How management intensity and neighborhood composition affect the structure of beech (*Fagus sylvatica* L.) trees

Inhibition of A $\beta$  Amyloid Growth and Toxicity by Silybins  
The Crucial Role of Stereochemistry

Membrane-Dependent Binding and Entry Mechanism of Dopamine into Its Receptor

Mesopic background lights enhance dark-adapted cone ERG flash responses in the intact mouse retina  
A possible role for gap junctional decoupling

Metabolic syndrome is associated with decreased heart rate variability in a sex-dependent manner  
a comparison between 252 men and 249 women

MicroRNAs in atherosclerosis

Monitoring of heart rate and inter-beat intervals with wrist plethysmography in patients with atrial fibrillation

Movement of  $\text{NH}_3$  through the human urea transporter B  
A new gas channel

Normalization of force to muscle cross-sectional area  
A helpful attempt to reduce data scattering in contractility studies?

Oxysterols Versus Cholesterol in Model Neuronal Membrane. I. The Case of 7-Ketocholesterol. The Langmuir Monolayer Study

Phase partitioning of GM1 and its bodipy-labeled analog determine their different binding to Cholera Toxin

Quantifying branch architecture of tropical trees using terrestrial LiDAR and 3D modelling

Simulation of the Effects of Extracellular Calcium Changes Leads to a Novel Computational Model of Human Ventricular Action Potential With a Revised Calcium Handling

Sodium channels enable fast electrical signaling and regulate phagocytosis in the retinal pigment epithelium

Systematic review of wireless phone use and brain cancer and other head tumors

The Integrin Receptor in Biologically Relevant Bilayers  
Insights from Molecular Dynamics Simulations

Tidal breathing flow profiles during sleep in wheezing children measured by impedance pneumography

$\mu\text{CT}$  based assessment of mechanical deformation of designed PTMC scaffolds