

An image guided treatment platform for prostate cancer photodynamic therapy

A novel technique for analysis of postural information with wearable devices

A Proxy-Based Solution for Asynchronous Telemedical Systems

A software tool for studying the size and shape of human cardiomyocytes

Bayes Forest

A data-intensive generator of morphological tree clones

Biomechanical performance of cranial implants with different thicknesses and material properties

A finite element study

Bioprofiling over Grid for eHealthcare

Chapter 3.9-a computer-assisted visual sleep scoring program

[COMMODE] a large-scale database of molecular descriptors using compounds from PubChem

Comparison of non-invasive blood pressure monitoring using modified arterial applanation tonometry with intra-arterial measurement

Computer aided diagnosis of acoustic neuroma

A neural network perspective

Cybersecurity Attacks and Defences for Unmanned Smart Ships

Detection of beat-to-beat intervals from wrist photoplethysmography in patients with sinus rhythm and atrial fibrillation after surgery

Detection of spine structures with Bioimpedance Probe (BIP) Needle in clinical lumbar punctures

Eigen Posture Based Fall Risk Assessment System Using Kinect

Elastic image registration for guiding focal laser ablation of prostate cancer

Preliminary results

Error analysis of NOMA-based user cooperation with SWIPT

Exploring associations between the self-reported values, well-being, and health behaviors of Finnish citizens

Cross-sectional analysis of more than 100,000 web-survey responses

Face verification and recognition for digital forensics and information security

Functional electrical stimulation for facial pacing

Effects of waveforms on movement intensity and ratings of discomfort

Fusion enhancement for tracking of respiratory rate through intrinsic mode functions in photoplethysmography

Hardware-in-the-loop platform for testing autonomous vehicle control algorithms

Identification of motor symptoms related to Parkinson disease using motion-tracking sensors at home (KÄVELI)  
Protocol for an observational case-control study

Identification of Parkinson's Disease Utilizing a Single Self-recorded 20-step Walking Test Acquired by Smartphone's Inertial Measurement Unit

Improving hospital services based on patient experience data  
Current feedback practices and future opportunities

Indirect measurement of the vascular endothelial glycocalyx layer thickness in human submucosal capillaries with a plugin for ImageJ

Mobile mental wellness training for stress management  
Feasibility and design implications based on a one-month field study

Mobile Microservice Architecture for Patients Self-Care

Network signatures based on gene pair expression ratios improve classification and the analysis of muscle-invasive urothelial cancer

On computation of calcium cycling anomalies in cardiomyocytes data

Open framework for mammography-based breast cancer risk assessment

Optimized wake-up scheme with bounded delay for energy-efficient MTC

Prototyping directional UAV-based wireless access and backhaul systems

Random Value Impulse Noise Removal Based on Most Similar Neighbors

Red Alert  
Break-Glass Protocol to Access Encrypted Medical Records in the Cloud

Robocasting of Bioactive  $\text{SiO}_2\text{-P}_2\text{O}_5\text{-CaO-MgO-Na}_2\text{O-K}_2\text{O}$  Glass Scaffolds

Secure Firmware Updates for IoT  
A Survey

Security aspects of e-Health systems migration to the cloud

Separation of HCM and LQT Cardiac Diseases with Machine Learning of  $\text{Ca}^{2+}$  Transient Profiles

Societal impact as Cost-Benefit Analysis  
Comparative analysis of two research infrastructures

The Accuracy of Atrial Fibrillation Detection from Wrist Photoplethysmography. A Study on Post-Operative Patients

The Definition of Informatics Competencies in Finnish Healthcare and Social Welfare Education

The Digi-NewB project for preterm infant sepsis risk and maturity analysis

The effect of percutaneous transluminal angioplasty of superficial femoral artery on pulse wave features

Three-dimensional skeletonization and symbolic description in vascular imaging  
Preliminary results

TinderMIX  
Time-dose integrated modelling of toxicogenomics data

User acceptance of electronic health records  
A post-implementation study

Which wavelength is the best for arterial pulse waveform extraction using laser speckle imaging?