

A fully automated left atrium segmentation approach from late gadolinium enhanced magnetic resonance imaging based on a convolutional neural network

Backscattering-based wireless communication and power transfer to small biomedical implants

Randomized Multiresolution Scanning in Focal and Fast E/MEG Sensing of Brain Activity with a Variable Depth

Clinical evaluation of a fully-automated parenchymal analysis software for breast cancer risk assessment
A pilot study in a Finnish sample

Technical Note

Noise models for virtual clinical trials of digital breast tomosynthesis

Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region

Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator

High-Q resonance train in a plasmonic metasurface

Open framework for mammography-based breast cancer risk assessment

Optical Frequency Comb Photoacoustic Spectroscopy

Noise measurements from reconstructed digital breast tomosynthesis

A mathematical model and iterative inversion for fluorescent optical projection tomography

Tuning plasmon induced reflectance with hybrid metasurfaces

Electroencephalographic signals during anesthesia recorded from surface and depth electrodes

Wound healing of human embryonic stem cell-derived retinal pigment epithelial cells is affected by maturation stage

Sample-based regularization for support vector machine classification

Subaperture image segmentation for lossless compression

Light propagation analysis in nervous tissue for wireless optogenetic nanonetworks

Lead field theory provides a powerful tool for designing microelectrode array impedance measurements for biological cell detection and observation

Variance stabilization in Poisson image deblurring

Functional brain segmentation using inter-subject correlation in fMRI

The Effect of Light Field Reconstruction and Angular Resolution Reduction on the Quality of Experience

Computer aided diagnosis of acoustic neuroma
A neural network perspective

Towards a conceptual framework for privacy protection in the use of interactive 360° video surveillance

Pipeline for effective denoising of digital mammography and digital breast tomosynthesis

Spinal cord injury induces widespread chronic changes in cerebral white matter

The Association Between Liver and Tumor [^{18}F]FDG Uptake in Patients with Diffuse Large B Cell Lymphoma During Chemotherapy

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

Simulation of developing human neuronal cell networks

Texture region detection by trained neural network

Supervised method for cell counting from bright field focus stacks

Differentiation of Diffuse Large B-cell Lymphoma From Follicular Lymphoma Using Texture Analysis on Conventional MR Images at 3.0 Tesla

Simple estimation of induced electric fields in nervous system tissues for human exposure to non-uniform electric fields at power frequency

Comparison of manual and automatic techniques for substriatal segmentation in ^{11}C -raclopride high-resolution PET studies

Possible influences of spark discharges on cardiac pacemakers

Pituitary tumor risk in relation to mobile phone use
A case-control study

Troponin T-release associates with cardiac radiation doses during adjuvant left-sided breast cancer radiotherapy

Effects of remedies made in patient setup process on residual setup errors and margins in head and neck cancer radiotherapy based on 2D image guidance

MRI Texture Analysis and Diffusion Tensor Imaging in Chronic Right Hemisphere Ischemic Stroke

Determination of the optimal matching position for setup images and minimal setup margins in adjuvant radiotherapy of breast and lymph nodes treated in voluntary deep inhalation breath-hold

Application of the ELDO approach to assess cumulative eye lens doses for interventional cardiologists

Longitudinal assessment of clinically isolated syndrome with diffusion tensor imaging and volumetric MRI

Defining the anterior nucleus of the thalamus (ANT) as a deep brain stimulation target in refractory epilepsy
Delineation using 3 T MRI and intraoperative microelectrode recording

Interstitial photodynamic therapy and glioblastoma
Light fractionation study on a preclinical model: Preliminary results

MR image texture in Parkinson's disease
A longitudinal study
Julkaisun otsikon käännös: : MR image texture in Parkinson's disease: a longitudinal study

FR α
une cible pour la thérapie photodynamique prophylactique des métastases péritonéales ovariennes?

A framework for estimating radiation-related cancer risks in Japan from the 2011 Fukushima nuclear accident

Estimation of optimal matching position for orthogonal kV setup images and minimal setup margins in radiotherapy of whole breast and lymph node areas

MDCT findings after elbow dislocation
A retrospective study of 140 patients

Photodynamic therapy of malignant brain tumours
A complementary approach to conventional therapies

Diffusion tensor imaging of the cervical spinal cord in healthy adult population
Normative values and measurement reproducibility at 3t mri

Evaluation of overall setup accuracy and adequate setup margins in pelvic image-guided radiotherapy
Comparison of the male and female patients

Outcome of patients with HER2-positive breast cancer treated with or without adjuvant trastuzumab in the Finland Capecitabine Trial (FinXX)

A correlation study of eye lens dose and personal dose equivalent for interventional cardiologists

Estimation of adequate setup margins and threshold for position errors requiring immediate attention in head and neck cancer radiotherapy based on 2D image guidance

Iron overload of hematological origin
validation of a screening procedure for cardiac overload by MRI in routine clinical practice.

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

An anatomically realistic and adaptable prostate phantom for laser thermotherapy treatment planning

CT and MRI imaging at the acute phase of inaugural non-traumatic hepatic haemorrhages

Effects of prostate cancer screening on health-related quality of life
Results of the Finnish arm of the European randomized screening trial (ERSPC)

Accuracy of linear intraoral measurements using cone beam CT and multidetector CT
A tale of two CTs

Feasibility of abdominal plain film images in evaluation suspected drug smuggler

ProstAtlas
A digital morphologic atlas of the prostate

Mathematical modelling of the action potential of human embryonic stem cell derived cardiomyocytes

Locally advanced esophageal adenocarcinoma
Response to neoadjuvant chemotherapy and survival predicted by [18F]FDG-PET/CT

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

Recent advances in cerebrovascular simulation and neuronavigation for the optimization of intracranial aneurysm clipping

Complete electrode model in EEG
Relationship and differences to the point electrode model

Computed tomography of the parathyroids
The value of density measurements to distinguish between parathyroid adenomas of the lymph nodes and the thyroid parenchyma

Zonal segmentation of prostate using multispectral magnetic resonance images

A model to estimate the outcome of prostate cancer photodynamic therapy with TOOKAD soluble WST11

Thérapie photodynamique et carcinomes urothéliaux

Focal Laser Ablation of Prostate Cancer
Numerical Simulation of Temperature and Damage Distribution

Long-term MRI findings of patients with embolized cerebral aneurysms

Prostate cancer characterization on MR images using fractal features