Publications:

Patient-specific estimation of detailed cochlear shape from clinical CT images
Publication: Research - peer-review › Journal article – Annual report year: 2018

Medial structure generation for registration of anatomical structures
Publication: Research - peer-review › Book chapter – Annual report year: 2017

Automatic Model Generation Framework for Computational Simulation of Cochlear Implantation
Publication: Research - peer-review › Journal article – Annual report year: 2015

Cochlear implant electrode localization in post-operative CT using a spherical measure
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Free-form image registration of human cochlear μCT data using skeleton similarity as anatomical prior
Publication: Research - peer-review › Journal article – Annual report year: 2015

Monopolar Stimulation of the Implanted Cochlea: A Synthetic Population-Based Study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Cochlear Implant Planning, Selection and Simulation with Patient Specific Data
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2015

Image Registration of Cochlear μCT Data Using Heat Distribution Similarity
Publication: Research - peer-review › Journal article – Annual report year: 2015

Predicting Detailed Inner Ear Anatomy from Pre-Operational CT for cochlear implant surgery
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2015

Predicting facial characteristics from complex polygenic variations
Publication: Research - peer-review › Journal article – Annual report year: 2015

3D facial landmarks: Inter-operator variability of manual annotation
Publication: Research - peer-review › Journal article – Annual report year: 2014

Interpretation of appearance: the effect of facial features on first impressions and personality.
Publication: Research - peer-review › Journal article – Annual report year: 2014

Shape modelling of the inner ear from micro-CT data
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

3D gender recognition using cognitive modeling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Facial Analysis: Looking at Biometric Recognition and Genome-Wide Association
Publication: Research › Ph.D. thesis – Annual report year: 2014
Gender Recognition Using Cognitive Modeling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Elastic Appearance Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Sparse Similarity-Based Fisherfaces
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Similarity-based Fisherfaces
Publication: Research - peer-review › Journal article – Annual report year: 2009

3D reconstruction of carotid atherosclerotic plaque: comparison between spatial compound ultrasound models and anatomical models
Publication: Research - peer-review › Journal article – Annual report year: 2007

A face recognition algorithm based on multiple individual discriminative models
Publication: Research › Article in proceedings – Annual report year: 2005

The IMM Frontal Face Database
Publication: Research - peer-review › Report – Annual report year: 2005

Projects:

Facial recognition
Project: PhD