MRI compatible video cameras - Publications


Hung C C et al: Functional Mapping of Face-Selective Regions in the Extraparietal Visual Cortex of

Mathieu J B, Martel S: Aggregation of magnetic microparticles in the context of targeted therapies actuated by a magnetic resonance imaging system, J of Applied Physics 106 (2009)
Monaco S et al: Functional magnetic resonance adaptation reveals the involvement of the 2 dorsomedial stream in hand orientation for grasping, J Neurophysiol (July 27, 2011)
Mylonas N, Ioannides K, Hadjisavvas V, Iosif D, Kyriacou PA, Damianou C: Evaluation of fast spin echo MRI sequence for an MRI guided high intensity focused ultrasound system for in vivo rabbit liver ablation, J. Biomedical Science and Engineering, 3 (2010), 241-246
Oosterhof N N et al: Surface-Based Information Mapping Reveals Crossmodal Vision–Action Representations in Human Parietal and Occipitotemporal Cortex, J Neurophysiol (2010), 104, 1077-1089
Papoti D et al: An Embedded 4-Channel Receive-Only RF Coil Array for fMRI Experiments of the
Somatosensory Pathway in Conscious Awake Marmosets at 7T, NMR Biomed (2013), 26 (11), 1395-1402

Paret C et al: Down-regulation of amygdala activation with real-time fMRI neurofeedback in a healthy female sample, Front Behav Neurosci (2014), 8, 299


Qin L et al: Prospective Head-Movement Correction for High-Resolution MRI Using an In-Bore Optical Tracking System, Magnetic Resonance in Medicine 62:924–934 (2009)


Schmid M C: Blindsight depends on the lateral geniculate nucleus, Nature Vol 466, 5 July 2010

Snow J C et al: Bringing the real world into the fMRI scanner: Repetition effects for pictures versus real objects, Scientific Report (2011), 1, 130


Spicher N et al: Heart rate monitoring in ultra-high-field MRI using frequency information obtained from video signals of the human skin compared to electrocardiography and pulse oximetry, CDBME (2015); 1:69-72

Spicher N et al: Initial evaluation of prospective cardiac triggering using photoplethysmography signals recorded with a video camera compared to pulse oximetry and electrocardiography at 7T MRI, BioMed Eng OnLine (2016), 15, 126

