MR compatible cameras – Publications


34. Mathieu J.B., Martel S.: Aggregation of magnetic microparticles in the context of targeted therapies actuated by a magnetic resonance imaging system, J Appl Phys (2009)


44. Papoti D., Yen C.C., Mackel J.B., Merkle H., Silva A.C.: An embedded four-channel receive-only RF coil array for fMRI experiments of the somatosensory pathway in conscious awake marmosets. NMR Biomed (2013)


57. Spicher N., Maderwald S., Ladd M.E., Kukuk M.: 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)

58. Spicher N., Kukuk M., Maderwald S., Ladd M.E.: 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)


66. Yiallouras C., Menikou G., Yiannakou M., Damianou C.: Software that controls a magnetic resonance imaging compatible robotic system for guiding high-intensity focused ultrasound therapy, Digital Medicine (2017)