List of Publications of Prof. Dr. Martin Wolf

Papers (peer reviewed; totally 187 papers 3962 citations and h-index of 31 on 31st of Jan 2018). Excerpt:


29. Vögeli S, **Wolf M**, Wechsler B, Gygax L. Housing conditions influence cortical and behavioural reactions of sheep in response to videos showing social interactions of different valence. Behav Brain Res. 2015 May 1;284:69-76. (IF=3.4)


52. Scholkmann F, Metz A, Wolf M. Measuring tissue hemodynamics and oxygenation by continuous-wave functional near-infrared spectroscopy – How robust are the different calculation methods against movement artifacts? Physiol Meas. 2014;35: 717–734. (IF=1.5)


105. Spichtig S, Piccirelli M, Vorbuerger RS, Wolf M. Near-infrared imaging sensor with improved handling and direct localization in simultaneous magnetic resonance imaging measurements. Journal of Innovative Optical Health Sciences 2011, 4(2), 191-198. (IF=0.6)


120. Pizza F, Biallas M, Wolf M, Valko PO, Bassetti CL. Periodic leg movements during sleep and cerebral hemodynamic changes detected by NIRS. Clin Neurophysiol. 2009 Jul;120(7):1329-34. (IF=3.4)


131. Wolf M, Ferrari M, Quresim V. Progress of near infrared spectroscopy and imaging instrumentation for brain and muscle clinical applications. J Biomed. Opt. 2007; 12, 062104. (IF=3.5: highly cited paper received enough citations to place it in the top 1% of its academic field based on a highly cited threshold for the field and publication year according to the Web of Science)


**Conference Proceedings**


7. **Wolf M. Functional brain activity studies using near-infrared imaging. Seminar on Optical Imaging in Medicine organized by the Polish Academy of Sciences in Warsaw, Poland (2009) (Lecture notes of the ICB seminar on Optical Methods in Medical Diagnosis).**


10. Mühlemann Th, Haenssle D, Wolf M. Ein drahtloser Sensor für die bildgebende in-vivo Nahinfrarotspektroskopie. Annual Conference of the Austrian, German and Swiss Societies of Biomedical Engineering (2006). (paper in proceedings, received the Poster Award of the Max Anliker Foundation).


Other Publications


Books