



GROUPE DE RECHERCHES SUR L'ANALYSE MULTIMODALE DE LA FONCTION CÉRÉBRALE

[Accueil](#) > [Laboratory](#) > [Publications](#)

PUBLICATIONS GRAMFC

2017

1. Daneshvarfard F, Maarefi N, Abrishami Moghaddam H, [Wallois F](#). [A survey on stimuli for visual cortical function assessment in infants](#). Brain Dev. 2017 Aug 10.
2. [Bourel-Ponchel E](#), [Mahmoudzadeh M](#), [Delignières A](#), [Berquin P](#), [Wallois F](#). [Non-invasive, multimodal analysis of cortical activity, blood volume and neurovascular coupling in infantile spasms using EEG-fNIRS monitoring](#). Neuroim age Clin. 2017 May 13;15:359-366.
3. [Aarabi A](#), [Osharina V](#), [Wallois F](#). [Effect of confounding variables on hemodynamic response function estimation using averaging and deconvolution analysis: An event-related NIRS study](#). 2017 Jul 15;155:25-49.

4. [Nourhashemi M, Kongolo G, Mahmoudzadeh M, Goudjil S, Wallois F. Relationship between relative cerebral blood flow, relative cerebral blood volume, and relative cerebral metabolic rate of oxygen in the preterm neonatal brain. 2017 Apr;4\(2\):021104.](#)
5. [Mahmoudzadeh M, Dehaene-Lambertz G, Wallois F. Electrophysiological and hemodynamic mismatch responses in rats listening to human speech syllables. PLoS One. 2017 Mar 14;12\(3\):e0173801.](#)
6. [Bourel-Ponchel E, Mahmoudzadeh M, Berquin P, Wallois F. Local and Distant Dysregulation of Synchronization Around Interictal Spikes in BECTS. Front Neurosci. 2017 Feb 10;11:59. oi: 10.3389/fnins.2017.00059. eCollection 2017.](#)
7. [Osharina V, Aarabi A, Manoochehri M, Mahmoudzadeh M, Wallois F. Hemodynamic Changes Associated with Interictal Spikes Induced by Acute Models of Focal Epilepsy in Rats: A Simultaneous Electrocorticography and Near-Infrared Spectroscopy Study. Brain Topogr. 2017 May;30\(3\):390-407.](#)
8. [Ghadimi S, Mohtasebi M, Abrishami Moghaddam H, Grebe R, Gity M, Wallois F. A Neonatal Bimodal MR-CT Head Template. PLoS One. 2017 Jan 27;12\(1\):e0166112.](#)
9. [Manoochehri M, Mahmoudzadeh M, Osharina V, Wallois F. Shedding light on interictal epileptic spikes: An in vivo study using fast optical signal and electrocorticography. 2017 Apr;58\(4\):608-616.](#)
0. [Routier L, Mahmoudzadeh M, Panzani M, Azizollahi H, Goudjil S, Kongolo G, Wallois F. Plasticity of neonatal neuronal networks in very premature infants: Source localization of temporal theta activity, the first endogenous neural biomarker, in temporoparietal areas. Hum Brain Mapp. 2017 May;38\(5\):2345-2358.](#)
1. [Mahmoudzadeh M, Wallois F, Kongolo G, Goudjil S, Dehaene-Lambertz G. Functional Maps at the Onset of Auditory Inputs in Very Early Preterm Human Neonates. Cereb Cortex. 2017 Apr 1;27\(4\):2500-2512.](#)
2. [Aarabi A, He B. Seizure prediction in patients with focal hippocampal epilepsy. Clin Neurophysiol. 2017 Jul;128\(7\):1299-1307.](#)
3. [Santosa H, Aarabi A, Perlman SB, Huppert TJ. Characterization and correction of the false-discovery rates in resting state connectivity using functional near-infrared spectroscopy. J Biomed Opt. 2017 May 1;22\(5\):55002.](#)
4. [Lefranc M, Zouitina Y, Tir M, Merle P, Ouendo M, Constans JM, Godefroy O, Peltier J, Krystkowiak P. Asleep robot-assisted surgery for the implantation of subthalamic electrodes provides the same clinical improvement and therapeutic window as awake surgery. World Neurosurg. 2017 Jul 19. pii: S1878-8750\(17\)31147-6.](#)

Previous years

[Publications GRAMFC \(pdf\)](#)
[> télécharger le fichier \(pdf\)](#)