

## **Viljami Sairanen, PhD**

### **List of Publications 2014-2018** (full list available through Scholar/PubMed)

2018 **Sairanen, V**, Leemans, A, Tax C M V. Fast and accurate Slicewise OutLier Detection (SOLID) with informed model estimation for diffusion MRI data. *NeuroImage*, 181, 331-346. IF: 5.426.

2018 Hämäläinen, S, Mäkelä, N, **Sairanen, V**, et al. TMS uncovers details about sub-regional language-specific processing networks in early bilinguals. *NeuroImage*, 171, 209-221. IF: 5.426.

2017 **Sairanen, V**, Kuusela, L, Sipilä, O, Savolainen, S, Vanhatalo, S. A novel measure of reliability in Diffusion Tensor Imaging after data rejections due to subject motion. *NeuroImage*, 147, 57-65. IF: 5.426.

2017 Hämäläinen, S, **Sairanen, V**, Leminen, A, Lehtonen, M. Bilingualism modulates the white matter structure of language-related pathways. *NeuroImage*, 152, 249-257. IF: 5.426.

2015 Stjerna S, **Sairanen V**, Gröhn, R, Andersson, S, Metsäranta, M, Lano, A, Vanhatalo, S. Visual Fixation in Human Newborns Correlates with Extensive White Matter Networks and Predicts Long-Term Neurocognitive Development. *J. Neurosci.*, 35(12), 4824-29. IF: 5.970.

2014 Peltola M E, **Sairanen V**, Gaily, E, Vanhatalo, S. Measuring spike strength in patients with continuous spikes and waves during sleep: Comparison of methods for prospective use as a clinical index. *Clinical Neurophysiology*, 125(8), 1639-46. IF: 3.614.