Bob W Van Dijk

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Performance of five research-domain automated WM lesion segmentation methods in a multi-center MS study. Neurolmage, 2017, 163, 106-114. | 4.2 | 27 |
| 2 | Reproducibility of hippocampal atrophy rates measured with manual, FreeSurfer, AdaBoost, FSL/FIRST and the MAPS-HBSI methods in Alzheimer's disease. Psychiatry Research - Neuroimaging, 2016, 252, 26-35. | 1.8 | 20 |
| 3 | Relation between carotid stiffness, cognitive performance and brain connectivity in a healthy middle-aged population: an observational neurophysiological cohort study with magnetoencephalography. BMJ Open, 2016, 6, e013441. | 1.9 | 8 |
| 4 | The SIENA/FSL whole brain atrophy algorithm is no more reproducible at 3 T than 1.5 T for Alzheimer׳s disease. Psychiatry Research - Neuroimaging, 2014, 224, 14-21. | 1.8 | 12 |
| 5 | A Healthy Brain in a Healthy Body: Brain Network Correlates of Physical and Mental Fitness. PLoS ONE, 2014, 9, e88202. | 2.5 | 40 |
| 6 | Resting-State Oscillatory Activity in Children Born Small for Gestational Age: An MEG Study. Frontiers in Human Neuroscience, 2013, 7, 600. | 2.0 | 3 |
| 7 | Cognitive and Clinical Dysfunction, Altered MEG Resting-State Networks and Thalamic Atrophy in Multiple Sclerosis. PLoS ONE, 2013, 8, e69318. | 2.5 | 68 |
| 8 | Long-term effects of cranial irradiation and intrathecal chemotherapy in treatment of childhood leukemia: a MEG study of power spectrum and correlated cognitive dysfunction. BMC Neurology, 2012, 12, 84. | 1.8 | 29 |
| 9 | Magnetoencephalography as a Putative Biomarker for Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-10. | 2.0 | 43 |
| 10 | Assessing the reproducibility of the SienaX and Siena brain atrophy measures using the ADNI back-to-back MP-RAGE MRI scans. Psychiatry Research - Neuroimaging, 2011, 193, 182-190. | 1.8 | 43 |
| 11 | Disturbed functional brain networks and neurocognitive function in low-grade glioma patients: a graph theoretical analysis of resting-state MEG. Nonlinear Biomedical Physics, 2009, 3, 9. | 1.5 | 116 |
| 12 | Synchronized brain activity and neurocognitive function in patients with low-grade glioma: A magnetoencephalography study. Neuro-Oncology, 2008, 10, 734-744. | 1.2 | 119 |
| 13 | Resting-State Oscillatory Brain Dynamics in Alzheimer Disease. Journal of Clinical Neurophysiology, 2008, 25, 187-193. | 1.7 | 75 |
| 14 | Multiple sclerosis patients show a highly significant decrease in alpha band interhemispheric synchronization measured using MEG. NeuroImage, 2006, 29, 783-788. | 4.2 | 73 |
| 15 | Disturbed functional connectivity in brain tumour patients: Evaluation by graph analysis of synchronization matrices. Clinical Neurophysiology, 2006, 117, 2039-2049. | 1.5 | 257 |
| 16 | Cortical Characterization and Inter-Dipole Distance Between Unilateral Median Versus Ulnar Nerve Stimulation of Both Hands in MEG. Brain Topography, 2006, 19, 29-42. | 1.8 | 5 |
| 17 | How do brain tumors alter functional connectivity? A magnetoencephalography study. Annals of Neurology, 2006, 59, 128-138. | 5.3 | 164 |
| 18 | Age Distribution of MEG Spontaneous Theta Activity in Healthy Subjects. Brain Topography, 2005, 17, 165-175. | 1.8 | 32 |

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|----|---|------|-----------|
| 19 | Whole-head MEG analysis of cortical spatial organization from unilateral stimulation of median nerve in both hands: No complete hemispheric homology. NeuroImage, 2005, 28, 314-325. | 4.2 | 17 |
| 20 | Nonlinear synchronization in EEG and whole-head MEG recordings of healthy subjects. Human Brain Mapping, 2003, 19, 63-78. | 3.6 | 168 |
| 21 | Generalized Synchronization of MEG Recordings in Alzheimer's Disease: Evidence for Involvement of the Gamma Band. Journal of Clinical Neurophysiology, 2002, 19, 562-574. | 1.7 | 242 |
| 22 | Synchrony and Fast Plasticity in the Visual Cortex. , 1995, , 13-20. | | 1 |
| 23 | Organization of contour from motion processing in primate visual cortex. Vision Research, 1994, 34, 721-735. | 1.4 | 19 |
| 24 | Nonâ€Linear Dynamics of Columns of Cat Visual Cortex Revealed by Simulation and Experiment. Novartis Foundation Symposium, 1994, 184, 88-103. | 1.1 | 1 |
| 25 | Low Temporal Frequency Desynchronization and High Temporal Frequency Synchronization Accompany Processing of Visual Stimuli in Anaesthetized Cat Visual Cortex. , 1994, , 183-204. | | 1 |
| 26 | Contour from motion processing occurs in primary visual cortex. Nature, 1993, 363, 541-543. | 27.8 | 99 |
| 27 | Equivalent dipole source localization of EEG and evoked potentials: Sources of errors or sources with confidence?. Brain Topography, 1993, 5, 355-359. | 1.8 | 3 |
| 28 | Organization of texture segregation processing in primate visual cortex. Visual Neuroscience, 1993, 10, 781-790. | 1.0 | 38 |
| 29 | Texture segregation is processed by primary visual cortex in man and monkey. Evidence from VEP experiments. Vision Research, 1992, 32, 797-807. | 1.4 | 115 |
| 30 | Topography of occipital EEG-reduction upon visual stimulation. Brain Topography, 1992, 5, 177-181. | 1.8 | 8 |
| 31 | Visual stimulation reduces EEG activity in man. Brain Research, 1991, 550, 49-53. | 2.2 | 29 |
| 32 | Spatial patterns of visual cortical fast EEG during conditioned reflex in a rhesus monkey. Brain Research, 1987, 422, 267-276. | 2.2 | 257 |