

Bernadette Cm Van Wijk

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,668
citations

430874

18
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

4385
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing Brain Networks of Different Size and Connectivity Density Using Graph Theory. PLoS ONE, 2010, 5, e13701.	2.5	955
2	Bayesian model reduction and empirical Bayes for group (DCM) studies. NeuroImage, 2016, 128, 413-431.	4.2	475
3	Neural synchrony within the motor system: what have we learned so far?. Frontiers in Human Neuroscience, 2012, 6, 252.	2.0	191
4	Subthalamic nucleus phase-amplitude coupling correlates with motor impairment in Parkinson's disease. Clinical Neurophysiology, 2016, 127, 2010-2019.	1.5	159
5	Granger causality revisited. NeuroImage, 2014, 101, 796-808.	4.2	136
6	On the Influence of Amplitude on the Connectivity between Phases. Frontiers in Neuroinformatics, 2011, 5, 6.	2.5	87
7	A Role of Beta Oscillatory Synchrony in Biasing Response Competition?. Cerebral Cortex, 2009, 19, 1294-1302.	2.9	83
8	Localization of beta and high-frequency oscillations within the subthalamic nucleus region. NeuroImage: Clinical, 2017, 16, 175-183.	2.7	61
9	Corticomuscular and bilateral EMG coherence reflect distinct aspects of neural synchronization. Neuroscience Letters, 2009, 463, 17-21.	2.1	51
10	Movement-related beta oscillations show high intra-individual reliability. NeuroImage, 2017, 147, 175-185.	4.2	49
11	Synchronised spiking activity underlies phase amplitude coupling in the subthalamic nucleus of Parkinson's disease patients. Neurobiology of Disease, 2019, 127, 101-113.	4.4	49
12	Cortical beta oscillations are associated with motor performance following visuomotor learning. NeuroImage, 2019, 195, 340-353.	4.2	48
13	Parametric estimation of cross-frequency coupling. Journal of Neuroscience Methods, 2015, 243, 94-102.	2.5	44
14	Generic dynamic causal modelling: An illustrative application to Parkinson's disease. NeuroImage, 2018, 181, 818-830.	4.2	41
15	Estimating complex cortical networks via surface recordings-A critical note. NeuroImage, 2010, 53, 439-449.	4.2	35
16	Differential modulations of ipsilateral and contralateral beta (de)synchronization during unimanual force production. European Journal of Neuroscience, 2012, 36, 2088-2097.	2.6	35
17	Pallidal low-frequency activity in dystonia after cessation of long-term deep brain stimulation. Movement Disorders, 2019, 34, 1734-1739.	3.9	33
18	Low-beta cortico-pallidal coherence decreases during movement and correlates with overall reaction time. NeuroImage, 2017, 159, 1-8.	4.2	31

#	ARTICLE	IF	CITATIONS
19	Thalamocortical dynamics underlying spontaneous transitions in beta power in Parkinsonism. <i>NeuroImage</i> , 2019, 193, 103-114.	4.2	21
20	Nonlinear coupling between occipital and motor cortex during motor imagery: A dynamic causal modeling study. <i>NeuroImage</i> , 2013, 71, 104-113.	4.2	19
21	Functional connectivity maps of theta/alpha and beta coherence within the subthalamic nucleus region. <i>NeuroImage</i> , 2022, 257, 119320.	4.2	15
22	Is Broadband Gamma Activity Pathologically Synchronized to the Beta Rhythm in Parkinson's Disease?. <i>Journal of Neuroscience</i> , 2017, 37, 9347-9349.	3.6	14
23	Functional segregation and integration within the human subthalamic nucleus from a micro- and meso-level perspective. <i>Cortex</i> , 2020, 131, 103-113.	2.4	13
24	Thalamo-cortical cross-frequency coupling detected with MEG. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 187.	2.0	9
25	Slowing of M1 oscillations in brain tumor patients in resting state and during movement. <i>Clinical Neurophysiology</i> , 2012, 123, 2212-2219.	1.5	8
26	Resting-State Oscillatory Activity in Children Born Small for Gestational Age: An MEG Study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 600.	2.0	3