Bernadette Cm Van Wijk

List of Publications by Year
in descending order

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	Functional connectivity maps of theta/alpha and beta coherence within the subthalamic nucleus region. NeuroImage, 2022, 257, 119320.	4.2	15
2	Functional segregation and integration within the human subthalamic nucleus from a micro- and meso-level perspective. Cortex, 2020, 131, 103-113.	2.4	13
3	Pallidal lowâ€frequency activity in dystonia after cessation of longâ€term deep brain stimulation. Movement Disorders, 2019, 34, 1734-1739.	3.9	33
4	Thalamocortical dynamics underlying spontaneous transitions in beta power in Parkinsonism. NeuroImage, 2019, 193, 103-114.	4.2	21
5	Cortical beta oscillations are associated with motor performance following visuomotor learning. NeuroImage, 2019, 195, 340-353.	4.2	48
6	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
7	Generic dynamic causal modelling: An illustrative application to Parkinson's disease. NeuroImage, 2018, 181, 818-830.	4.2	41
8	Movement-related beta oscillations show high intra-individual reliability. NeuroImage, 2017, 147, 175-185.	4.2	49
9	Is Broadband Gamma Activity Pathologically Synchronized to the Beta Rhythm in Parkinson's Disease?. Journal of Neuroscience, 2017, 37, 9347-9349.	3.6	14
10	Low-beta cortico-pallidal coherence decreases during movement and correlates with overall reaction time. NeuroImage, 2017, 159, 1-8.	4.2	31
11	Localization of beta and high-frequency oscillations within the subthalamic nucleus region. NeuroImage: Clinical, 2017, 16, 175-183.	2.7	61
12	Bayesian model reduction and empirical Bayes for group (DCM) studies. NeuroImage, 2016, 128, 413-431.	4.2	475
13	Subthalamic nucleus phaseâ€“amplitude coupling correlates with motor impairment in Parkinsonâ€™s disease. Clinical Neurophysiology, 2016, 127, 2010-2019.	1.5	159
14	Parametric estimation of cross-frequency coupling. Journal of Neuroscience Methods, 2015, 243, 94-102.	2.5	44
15	Thalamo-cortical cross-frequency coupling detected with MEG. Frontiers in Human Neuroscience, 2014, 8, 187.	2.0	9
16	Granger causality revisited. NeuroImage, 2014, 101, 796-808.	4.2	136
17	Nonlinear coupling between occipital and motor cortex during motor imagery: A dynamic causal modeling study. NeuroImage, 2013, 71, 104-113.	4.2	19
18	Resting-State Oscillatory Activity in Children Born Small for Gestational Age: An MEG Study. Frontiers in Human Neuroscience, 2013, 7, 600.	2.0	3

#	Article	IF	Citations
19	Slowing of M1 oscillations in brain tumor patients in resting state and during movement. Clinical Neurophysiology, 2012, 123, 2212-2219.	1.5	8
20	Neural synchrony within the motor system: what have we learned so far?. Frontiers in Human Neuroscience, 2012, 6, 252.	2.0	191
21	Differential modulations of ipsilateral and contralateral beta (de)synchronization during unimanual force production. European Journal of Neuroscience, 2012, 36, 2088-2097.	2.6	35
22	On the Influence of Amplitude on the Connectivity between Phases. Frontiers in Neuroinformatics, 2011, 5, 6.	2.5	87
23	Estimating complex cortical networks via surface recordingsâ€"A critical note. NeuroImage, 2010, 53, 439-449.	4.2	35
24	Comparing Brain Networks of Different Size and Connectivity Density Using Graph Theory. PLoS ONE, 2010, 5, e13701.	2.5	955
25	A Role of Beta Oscillatory Synchrony in Biasing Response Competition?. Cerebral Cortex, 2009, 19, 1294-1302.	2.9	83
26	Corticomuscular and bilateral EMG coherence reflect distinct aspects of neural synchronization. Neuroscience Letters, 2009, 463, 17-21.	2.1	51