Willem de Haan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9036834/publications.pdf

Version: 2024-02-01

32 papers	3,699 citations	393982 19 h-index	552369 26 g-index
42 all docs	42 docs citations	42 times ranked	4972 citing authors

#	Article	IF	Citations
1	Graph theoretical analysis of magnetoencephalographic functional connectivity in Alzheimer's disease. Brain, 2009, 132, 213-224.	3.7	895
2	Functional network disruption in the degenerative dementias. Lancet Neurology, The, 2011, 10, 829-843.	4.9	422
3	Alzheimer's disease: connecting findings from graph theoretical studies of brain networks. Neurobiology of Aging, 2013, 34, 2023-2036.	1.5	355
4	Activity Dependent Degeneration Explains Hub Vulnerability in Alzheimer's Disease. PLoS Computational Biology, 2012, 8, e1002582.	1.5	336
5	Functional neural network analysis in frontotemporal dementia and Alzheimer's disease using EEG and graph theory. BMC Neuroscience, 2009, 10, 101.	0.8	317
6	Disrupted modular brain dynamics reflect cognitive dysfunction in Alzheimer's disease. NeuroImage, 2012, 59, 3085-3093.	2.1	190
7	The clinical promise of biomarkers of synapse damage or loss in Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2020, 12, 21.	3.0	183
8	What electrophysiology tells us about Alzheimer's disease: a window into the synchronization and connectivity of brain neurons. Neurobiology of Aging, 2020, 85, 58-73.	1.5	150
9	Integrative EEG biomarkers predict progression to Alzheimer's disease at the MCI stage. Frontiers in Aging Neuroscience, 2013, 5, 58.	1.7	143
10	Single-Subject Grey Matter Graphs in Alzheimer's Disease. PLoS ONE, 2013, 8, e58921.	1.1	107
11	Neuronal excitation/inhibition imbalance: core element of a translational perspective on Alzheimer pathophysiology. Ageing Research Reviews, 2021, 69, 101372.	5.0	90
12	Disruption of Functional Brain Networks in Alzheimer's Disease: What Can We Learn from Graph Spectral Analysis of Resting-State Magnetoencephalography?. Brain Connectivity, 2012, 2, 45-55.	0.8	85
13	Resting-State Oscillatory Brain Dynamics in Alzheimer Disease. Journal of Clinical Neurophysiology, 2008, 25, 187-193.	0.9	75
14	Human brain connectivity: Clinical applications for clinical neurophysiology. Clinical Neurophysiology, 2020, 131, 1621-1651.	0.7	68
15	The correlation of metrics in complex networks with applications in functional brain networks. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P11018.	0.9	67
16	Altering neuronal excitability to preserve network connectivity in a computational model of Alzheimer's disease. PLoS Computational Biology, 2017, 13, e1005707.	1.5	57
17	The road ahead in clinical network neuroscience. Network Neuroscience, 2019, 3, 969-993.	1.4	37
18	Young Alzheimer patients show distinct regional changes of oscillatory brain dynamics. Neurobiology of Aging, 2012, 33, 1008.e25-1008.e31.	1.5	34

#	Article	IF	Citations
19	Disturbed oscillatory brain dynamics in subcortical ischemic vascular dementia. BMC Neuroscience, 2012, 13, 85.	0.8	24
20	Alzheimer's disease patients not carrying the apolipoprotein E Îµ4 allele show more severe slowing of oscillatory brain activity. Neurobiology of Aging, 2013, 34, 2158-2163.	1.5	19
21	Strong Relation Between an EEG Functional Connectivity Measure and Postmenstrual Age: A New Potential Tool for Measuring Neonatal Brain Maturation. Frontiers in Human Neuroscience, 2018, 12, 286.	1.0	8
22	Network-level permutation entropy of resting-state MEG recordings: A novel biomarker for early-stage Alzheimerâ€™s disease?. Network Neuroscience, 2022, 6, 382-400.	1.4	8
23	The Virtual Trial. Frontiers in Neuroscience, 2017, 11, 110.	1.4	5
24	Oscillatory Activity of the Hippocampus in Prodromal Alzheimerâ€™s Disease: A Source-Space Magnetoencephalography Study. Journal of Alzheimer's Disease, 2022, , 1-17.	1.2	4
25	MEG detects abnormal hippocampal activity in amyloidâ€positive MCI. Alzheimer's and Dementia, 2020, 16, e040796.	0.4	2
26	The effect of neuronal activity and connectivity on Alzheimer’s disease: a new direction and its implications for future treatment strategies. Neurodegenerative Disease Management, 2013, 3, 93-95.	1.2	0
27	P3â€342: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. Alzheimer's and Dementia, 2018, 14, P1214.	0.4	0
28	ICâ€Pâ€032: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. Alzheimer's and Dementia, 2018, 14, P36.	0.4	0
29	Drooping Eyelid After Vomiting. JAMA Neurology, 2019, 76, 862.	4.5	0
30	Neuronal network hyperactivity in computational models of AD. Alzheimer's and Dementia, 2020, 16, e040407.	0.4	0
31	A loss of neuronal inhibition best explains EEG abnormalities in preclinical Alzheimerâ€™s disease: A multiscale computational modeling study. Alzheimer's and Dementia, 2020, 16, e043262.	0.4	0
32	EEG slowing in predementia Alzheimer's disease is compatible with neuronal hyperactivity: A multiscale computational modeling study.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e053535.	0.4	0