

Frederik Van de Steen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

511
citations

840119

11
h-index

887659

17
g-index

30
all docs

30
docs citations

30
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Comments on EEG Sensor Space Dynamical Connectivity Analysis. <i>Brain Topography</i> , 2019, 32, 643-654.	0.8	114
2	Dynamic causal modeling of the effective connectivity between the cerebrum and cerebellum in social mentalizing across five studies. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 211-223.	1.0	63
3	Variability and reliability of effective connectivity within the core default mode network: A multi-site longitudinal spectral DCM study. <i>NeuroImage</i> , 2018, 183, 757-768.	2.1	51
4	Connectivity between the cerebrum and cerebellum during social and non-social sequencing using dynamic causal modelling. <i>NeuroImage</i> , 2020, 206, 116326.	2.1	51
5	Quantifying the Effect of Demixing Approaches on Directed Connectivity Estimated Between Reconstructed EEG Sources. <i>Brain Topography</i> , 2019, 32, 655-674.	0.8	46
6	Dynamic causal modelling of fluctuating connectivity in resting-state EEG. <i>NeuroImage</i> , 2019, 189, 476-484.	2.1	37
7	Functional Connectivity of EEG Signals Under Laser Stimulation in Migraine. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 640.	1.0	28
8	Disambiguating the role of blood flow and global signal with partial information decomposition. <i>NeuroImage</i> , 2020, 213, 116699.	2.1	26
9	Electroencephalogram Resting State Frequency Power Characteristics of Suicidal Behavior in Female Patients With Major Depressive Disorder. <i>Journal of Clinical Psychiatry</i> , 2019, 80, .	1.1	20
10	How hot is the hot zone? Computational modelling clarifies the role of parietal and frontoparietal connectivity during anaesthetic-induced loss of consciousness. <i>NeuroImage</i> , 2021, 231, 117841.	2.1	16
11	The effect of global signal regression on DCM estimates of noise and effective connectivity from resting state fMRI. <i>NeuroImage</i> , 2020, 208, 116435.	2.1	14
12	Dynamic Causal Modelling of the Reduced Habituation to Painful Stimuli in Migraine: An EEG Study. <i>Brain Sciences</i> , 2020, 10, 712.	1.1	11
13	26th Annual Computational Neuroscience Meeting (CNS*2017): Part 3. <i>BMC Neuroscience</i> , 2017, 18, .	0.8	7
14	Effective connectivity modulations related to win and loss outcomes. <i>NeuroImage</i> , 2020, 207, 116369.	2.1	5
15	The influence of nociceptive and neuropathic pain states on the processing of acute electrical nociceptive stimulation: A dynamic causal modeling study. <i>Brain Research</i> , 2020, 1733, 146728.	1.1	4
16	Individual differences in mental imagery modulate effective connectivity of scene-selective regions during resting state. <i>Brain Structure and Function</i> , 2022, 227, 1831-1842.	1.2	4
17	Functional connectivity of orienting and executive attentional networks during flow: Granger Causality analysis of EEG recordings. <i>International Journal of Psychophysiology</i> , 2016, 108, 75-76.	0.5	1
18	Disambiguating the role of blood flow and global signal with Partial Information Decomposition. <i>Frontiers in Neuroscience</i> , 0, 13, .	1.4	1

#	ARTICLE	IF	CITATIONS
19	Is the transfer function between neural and hemodynamic activity at rest modulated by body-specific activity? The case of handedness.. <i>Frontiers in Neuroscience</i> , 0, 11, .	1.4	0
20	Within and between subject variability of effective connectivity in (small) resting state networks: A spectral dynamic causal modeling study. <i>Frontiers in Neuroscience</i> , 0, 11, .	1.4	0
21	Effective connectivity modulations of win-and loss feedback: A dynamic causal modeling study of the human connectome gambling task.. <i>Frontiers in Neuroscience</i> , 0, 11, .	1.4	0