

Prejaas Tewarie

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,408
citations

304743

22
h-index

315739

38
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all docs

39
docs citations

39
times ranked

3094
citing authors

#	ARTICLE	IF	CITATIONS
1	Schizophrenia induces abnormal frequency-dependent patterns of dynamic brain network reconfiguration during an auditory oddball task. <i>Journal of Neural Engineering</i> , 2022, 19, 016033.	3.5	3
2	Structure-function coupling as a correlate and potential biomarker of cognitive impairment in multiple sclerosis. <i>Network Neuroscience</i> , 2022, 6, 339-356.	2.6	9
3	Minimum spanning tree analysis of brain networks: A systematic review of network size effects, sensitivity for neuropsychiatric pathology, and disorder specificity. <i>Network Neuroscience</i> , 2022, 6, 301-319.	2.6	13
4	Predicting time-resolved electrophysiological brain networks from structural eigenmodes. <i>Human Brain Mapping</i> , 2022, 43, 4475-4491.	3.6	17
5	Functional brain network organization measured with magnetoencephalography predicts cognitive decline in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1727-1737.	3.0	12
6	Abnormal meta-state activation of dynamic brain networks across the Alzheimer spectrum. <i>NeuroImage</i> , 2021, 232, 117898.	4.2	19
7	Interlayer connectivity reconstruction for multilayer brain networks using phase oscillator models. <i>New Journal of Physics</i> , 2021, 23, 063065.	2.9	9
8	Longitudinal consistency of source-space spectral power and functional connectivity using different magnetoencephalography recording systems. <i>Scientific Reports</i> , 2021, 11, 16336.	3.3	5
9	Video-Based Pairwise Comparison: Enabling the Development of Automated Rating of Motor Dysfunction in Multiple Sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 234-241.	0.9	7
10	Mapping functional brain networks from the structural connectome: Relating the series expansion and eigenmode approaches. <i>NeuroImage</i> , 2020, 216, 116805.	4.2	40
11	On the Validity of Neural Mass Models. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 581040.	2.1	11
12	Relationships Between Neuronal Oscillatory Amplitude and Dynamic Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 2668-2681.	2.9	85
13	The road ahead in clinical network neuroscience. <i>Network Neuroscience</i> , 2019, 3, 969-993.	2.6	37
14	How Sensitive Are Conventional MEG Functional Connectivity Metrics With Sliding Windows to Detect Genuine Fluctuations in Dynamic Functional Connectivity?. <i>Frontiers in Neuroscience</i> , 2019, 13, 797.	2.8	24
15	Tracking dynamic brain networks using high temporal resolution MEG measures of functional connectivity. <i>NeuroImage</i> , 2019, 200, 38-50.	4.2	83
16	How do spatially distinct frequency specific MEG networks emerge from one underlying structural connectome? The role of the structural eigenmodes. <i>NeuroImage</i> , 2019, 186, 211-220.	4.2	81
17	Resting-state MEG measurement of functional activation as a biomarker for cognitive decline in MS. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1896-1906.	3.0	19
18	Explaining the heterogeneity of functional connectivity findings in multiple sclerosis: An empirically informed modeling study. <i>Human Brain Mapping</i> , 2018, 39, 2541-2548.	3.6	40

#	ARTICLE	IF	CITATIONS
19	Minimum spanning tree analysis of the human connectome. <i>Human Brain Mapping</i> , 2018, 39, 2455-2471.	3.6	55
20	Dynamics of large-scale electrophysiological networks: A technical review. <i>NeuroImage</i> , 2018, 180, 559-576.	4.2	174
21	Consistency of magnetoencephalographic functional connectivity and network reconstruction using a template versus native M _{RI} for coregistration. <i>Human Brain Mapping</i> , 2018, 39, 104-119.	3.6	58
22	Comparing multilayer brain networks between groups: Introducing graph metrics and recommendations. <i>NeuroImage</i> , 2018, 166, 371-384.	4.2	44
23	The epidemic spreading model and the direction of information flow in brain networks. <i>NeuroImage</i> , 2017, 152, 639-646.	4.2	24
24	Dynamic hub load predicts cognitive decline after resective neurosurgery. <i>Scientific Reports</i> , 2017, 7, 42117.	3.3	39
25	Structure-function relationships in the visual system in multiple sclerosis: an MEG and OCT study. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 614-621.	3.7	7
26	Brain network clustering with information flow motifs. <i>Applied Network Science</i> , 2017, 2, 25.	1.5	18
27	Timing of retinal neuronal and axonal loss in MS: a longitudinal OCT study. <i>Journal of Neurology</i> , 2016, 263, 1323-1331.	3.6	112
28	Integrating cross-frequency and within band functional networks in resting-state MEG: A multi-layer network approach. <i>NeuroImage</i> , 2016, 142, 324-336.	4.2	104
29	Direction of information flow in large-scale resting-state networks is frequency-dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3867-3872.	7.1	312
30	A Mapping Between Structural and Functional Brain Networks. <i>Brain Connectivity</i> , 2016, 6, 298-311.	1.7	127
31	Predicting haemodynamic networks using electrophysiology: The role of non-linear and cross-frequency interactions. <i>NeuroImage</i> , 2016, 130, 273-292.	4.2	64
32	Functional brain networks: Linking thalamic atrophy to clinical disability in multiple sclerosis, a multimodal fMRI and MEG Study. <i>Human Brain Mapping</i> , 2015, 36, 603-618.	3.6	96
33	Hierarchical clustering in minimum spanning trees. <i>Chaos</i> , 2015, 25, 023107.	2.5	47
34	The Union of Shortest Path Trees of Functional Brain Networks. <i>Brain Connectivity</i> , 2015, 5, 575-581.	1.7	24
35	Disruption of structural and functional networks in long-standing multiple sclerosis. <i>Human Brain Mapping</i> , 2014, 35, 5946-5961.	3.6	79
36	Neural Network Modeling of EEG Patterns in Encephalopathy. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 545-552.	1.7	18

#	ARTICLE	IF	CITATIONS
37	Cognitive and Clinical Dysfunction, Altered MEG Resting-State Networks and Thalamic Atrophy in Multiple Sclerosis. PLoS ONE, 2013, 8, e69318.	2.5	68
38	The OSCAR-IB Consensus Criteria for Retinal OCT Quality Assessment. PLoS ONE, 2012, 7, e34823.	2.5	423