

Sepideh Sadaghiani

List of Publications by Year in descending order

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31
papers

3,181
citations

430874

18
h-index

501196

28
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43
all docs

43
docs citations

43
times ranked

4270
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic Connectivity Networks, Alpha Oscillations, and Tonic Alertness: A Simultaneous Electroencephalography/Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 2010, 30, 10243-10250.	3.6	444
2	Brain Networks and β -Oscillations: Structural and Functional Foundations of Cognitive Control. <i>Trends in Cognitive Sciences</i> , 2016, 20, 805-817.	7.8	301
3	Distributed and Antagonistic Contributions of Ongoing Activity Fluctuations to Auditory Stimulus Detection. <i>Journal of Neuroscience</i> , 2009, 29, 13410-13417.	3.6	299
4	Functional Characterization of the Cingulo-Opercular Network in the Maintenance of Tonic Alertness. <i>Cerebral Cortex</i> , 2015, 25, 2763-2773.	2.9	279
5	Alpha-Band Phase Synchrony Is Related to Activity in the Fronto-Parietal Adaptive Control Network. <i>Journal of Neuroscience</i> , 2012, 32, 14305-14310.	3.6	229
6	Ongoing dynamics in large-scale functional connectivity predict perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8463-8468.	7.1	229
7	The relation of ongoing brain activity, evoked neural responses, and cognition. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 20.	2.5	184
8	Scale-free and multifractal time dynamics of fMRI signals during rest and task. <i>Frontiers in Physiology</i> , 2012, 3, 186.	2.8	157
9	A group model for stable multi-subject ICA on fMRI datasets. <i>NeuroImage</i> , 2010, 51, 288-299.	4.2	135
10	Functional interactions between intrinsic brain activity and behavior. <i>NeuroImage</i> , 2013, 80, 379-386.	4.2	122
11	Natural, Metaphoric, and Linguistic Auditory Direction Signals Have Distinct Influences on Visual Motion Processing. <i>Journal of Neuroscience</i> , 2009, 29, 6490-6499.	3.6	105
12	Ongoing Brain Activity Fluctuations Directly Account for Intertrial and Indirectly for Intersubject Variability in Stroop Task Performance. <i>Cerebral Cortex</i> , 2011, 21, 2612-2619.	2.9	97
13	Predictive Coding or Evidence Accumulation? False Inference and Neuronal Fluctuations. <i>PLoS ONE</i> , 2010, 5, e9926.	2.5	95
14	Spontaneous cognitive processes and the behavioral validation of time-varying brain connectivity. <i>Network Neuroscience</i> , 2018, 2, 397-417.	2.6	87
15	High density of nicotinic receptors in the cingulo-insular network. <i>NeuroImage</i> , 2013, 79, 42-51.	4.2	77
16	Connectomics of human electrophysiology. <i>NeuroImage</i> , 2022, 247, 118788.	4.2	69
17	Intrinsic connectome organization across temporal scales: New insights from cross-modal approaches. <i>Network Neuroscience</i> , 2020, 4, 1-29.	2.6	45
18	Neural activity-induced modulation of BOLD poststimulus undershoot independent of the positive signal. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1030-1038.	1.8	37

#	ARTICLE	IF	CITATIONS
19	Concurrent EEG- and fMRI-derived functional connectomes exhibit linked dynamics. <i>NeuroImage</i> , 2020, 219, 116998.	4.2	31
20	The relationship between EEG and fMRI connectomes is reproducible across simultaneous EEG-fMRI studies from 1.5T to 7T. <i>NeuroImage</i> , 2021, 231, 117864.	4.2	24
21	Phase- and amplitude-coupling are tied by an intrinsic spatial organization but show divergent stimulus-related changes. <i>NeuroImage</i> , 2020, 219, 117051.	4.2	20
22	Impact of Zika Virus on adult human brain structure and functional organization. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 752-762.	3.7	19
23	Oscillation-Based Connectivity Architecture Is Dominated by an Intrinsic Spatial Organization, Not Cognitive State or Frequency. <i>Journal of Neuroscience</i> , 2021, 41, 179-192.	3.6	18
24	Overdominant Effect of a <i>CHRNA4</i> Polymorphism on Cingulo-Opercular Network Activity and Cognitive Control. <i>Journal of Neuroscience</i> , 2017, 37, 9657-9666.	3.6	16
25	Multi-timescale hybrid components of the functional brain connectome: A bimodal EEG-fMRI decomposition. <i>Network Neuroscience</i> , 2020, 4, 658-677.	2.6	15
26	Lesions to the Fronto-Parietal Network Impact Alpha-Band Phase Synchrony and Cognitive Control. <i>Cerebral Cortex</i> , 2019, 29, 4143-4153.	2.9	14
27	Safety and data quality of EEG recorded simultaneously with multi-band fMRI. <i>PLoS ONE</i> , 2021, 16, e0238485.	2.5	6
28	Applications of MRI connectomics. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2021, 4, 323-338.	0.1	2
29	Dynamic trajectories of connectome state transitions are heritable. <i>NeuroImage</i> , 2022, 256, 119274.	4.2	2
30	Different classes of audiovisual correspondences are processed at distinct levels of the cortical hierarchy. <i>Seeing and Perceiving</i> , 2012, 25, 69.	0.3	0
31	The Brain Never Stops. <i>Frontiers for Young Minds</i> , 2014, 2, .	0.8	0