

Jonathan D Power

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

27,746
citations

94433

37
h-index

189892

50
g-index

54
all docs

54
docs citations

54
times ranked

19978
citing authors

#	ARTICLE	IF	CITATIONS
1	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. <i>NeuroImage</i> , 2012, 59, 2142-2154.	4.2	6,516
2	Functional Network Organization of the Human Brain. <i>Neuron</i> , 2011, 72, 665-678.	8.1	3,485
3	Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014, 84, 320-341.	4.2	2,881
4	Prediction of Individual Brain Maturity Using fMRI. <i>Science</i> , 2010, 329, 1358-1361.	12.6	1,884
5	Multi-task connectivity reveals flexible hubs for adaptive task control. <i>Nature Neuroscience</i> , 2013, 16, 1348-1355.	14.8	1,377
6	Intrinsic and Task-Evoked Network Architectures of the Human Brain. <i>Neuron</i> , 2014, 83, 238-251.	8.1	1,369
7	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 144-168.	4.2	1,367
8	Functional Brain Networks Develop from a "Local to Distributed" Organization. <i>PLoS Computational Biology</i> , 2009, 5, e1000381.	3.2	1,274
9	Recent progress and outstanding issues in motion correction in resting state fMRI. <i>NeuroImage</i> , 2015, 105, 536-551.	4.2	870
10	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. <i>NeuroImage</i> , 2017, 154, 174-187.	4.2	842
11	Evidence for Hubs in Human Functional Brain Networks. <i>Neuron</i> , 2013, 79, 798-813.	8.1	699
12	The Development of Human Functional Brain Networks. <i>Neuron</i> , 2010, 67, 735-748.	8.1	668
13	Statistical improvements in functional magnetic resonance imaging analyses produced by censoring high-motion data points. <i>Human Brain Mapping</i> , 2014, 35, 1981-1996.	3.6	457
14	Sources and implications of whole-brain fMRI signals in humans. <i>NeuroImage</i> , 2017, 146, 609-625.	4.2	446
15	A Parcellation Scheme for Human Left Lateral Parietal Cortex. <i>Neuron</i> , 2010, 67, 156-170.	8.1	327
16	Steps toward optimizing motion artifact removal in functional connectivity MRI; a reply to Carp. <i>NeuroImage</i> , 2013, 76, 439-441.	4.2	310
17	Control-related systems in the human brain. <i>Current Opinion in Neurobiology</i> , 2013, 23, 223-228.	4.2	292
18	Ridding fMRI data of motion-related influences: Removal of signals with distinct spatial and physical bases in multiecho data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2105-E2114.	7.1	250

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19	Network measures predict neuropsychological outcome after brain injury. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14247-14252.	7.1	240
20	Studying Brain Organization via Spontaneous fMRI Signal. Neuron, 2014, 84, 681-696.	8.1	239
21	Evaluation of Denoising Strategies to Address Motion-Related Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. Brain Connectivity, 2016, 6, 669-680.	1.7	226
22	Effects of Adsorption to Aluminum Salt Adjuvants on the Structure and Stability of Model Protein Antigens. Journal of Biological Chemistry, 2005, 280, 13406-13414.	3.4	172
23	Parcellating an Individual Subject's Cortical and Subcortical Brain Structures Using Snowball Sampling of Resting-State Correlations. Cerebral Cortex, 2014, 24, 2036-2054.	2.9	115
24	Modulation of the brain's functional network architecture in the transition from wake to sleep. Progress in Brain Research, 2011, 193, 277-294.	1.4	114
25	A simple but useful way to assess fMRI scan qualities. NeuroImage, 2017, 154, 150-158.	4.2	110
26	Development of the Brain's Functional Network Architecture. Neuropsychology Review, 2010, 20, 362-375.	4.9	109
27	Identifying basal ganglia divisions in individuals using resting-state functional connectivity MRI. Frontiers in Systems Neuroscience, 2010, 4, 18.	2.5	108
28	Distinctions among real and apparent respiratory motions in human fMRI data. NeuroImage, 2019, 201, 116041.	4.2	101
29	Rapid Precision Functional Mapping of Individuals Using Multi-Echo fMRI. Cell Reports, 2020, 33, 108540.	6.4	96
30	Developmental Changes in the Organization of Functional Connections between the Basal Ganglia and Cerebral Cortex. Journal of Neuroscience, 2014, 34, 5842-5854.	3.6	81
31	Customized head molds reduce motion during resting state fMRI scans. NeuroImage, 2019, 189, 141-149.	4.2	77
32	Functional network architecture of reading-related regions across development. Brain and Language, 2013, 125, 231-243.	1.6	68
33	Temporal interpolation alters motion in fMRI scans: Magnitudes and consequences for artifact detection. PLoS ONE, 2017, 12, e0182939.	2.5	67
34	On Global fMRI Signals and Simulations. Trends in Cognitive Sciences, 2017, 21, 911-913.	7.8	66
35	Resting State Functional Connectivity of the Ventral Attention Network in Children With a History of Depression or Anxiety. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 1326-1336.e5.	0.5	60
36	Neural plasticity across the lifespan. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e216.	5.9	58

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37	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 123-133.	4.0	51
38	Characteristics of respiratory measures in young adults scanned at rest, including systematic changes and "omitted" deep breaths. <i>NeuroImage</i> , 2020, 204, 116234.	4.2	49
39	Temporal ICA has not properly separated global fMRI signals: A comment on Glasser et al. (2018). <i>NeuroImage</i> , 2019, 197, 650-651.	4.2	37
40	Parcellation in Left Lateral Parietal Cortex Is Similar in Adults and Children. <i>Cerebral Cortex</i> , 2012, 22, 1148-1158.	2.9	34
41	A Critical, Event-Related Appraisal of Denoising in Resting-State fMRI Studies. <i>Cerebral Cortex</i> , 2020, 30, 5544-5559.	2.9	26
42	Prevalent and sex-biased breathing patterns modify functional connectivity MRI in young adults. <i>Nature Communications</i> , 2020, 11, 5290.	12.8	25
43	Reward-related regions form a preferentially coupled system at rest. <i>Human Brain Mapping</i> , 2019, 40, 361-376.	3.6	23
44	Brain Network Theory Can Predict Whether Neuropsychological Outcomes Will Differ from Clinical Expectations. <i>Archives of Clinical Neuropsychology</i> , 2017, 32, 40-52.	0.5	11
45	Reply to Spreng et al.: Multiecho fMRI denoising does not remove global motion-associated respiratory signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19243-19244.	7.1	11
46	On measuring head motion and effects of head molds during fMRI. <i>NeuroImage</i> , 2021, 225, 117494.	4.2	9
47	An effort-based social feedback paradigm reveals aversion to popularity in socially anxious participants and increased motivation in adolescents. <i>PLoS ONE</i> , 2021, 16, e0249326.	2.5	4
48	Neural correlates of preferred activities: development of an interest-specific go/nogo task. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1890-1901.	3.0	3
49	Resting-State fMRI: Preclinical Foundations. , 2020, , 47-63.		3
50	Remote Liaison to Families: a Psychiatric Response to Medical Care Gaps Created by Pandemic Surge Conditions in New York City. <i>Academic Psychiatry</i> , 2021, 45, 619-622.	0.9	1