

Jonathan D Power

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

19,790
citations

35
h-index

54
g-index

54
ext. papers

25,065
ext. citations

8.3
avg, IF

6.97
L-index

#	Paper	IF	Citations
50	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. <i>NeuroImage</i> , 2012 , 59, 2142-54	7.9	4817
49	Functional network organization of the human brain. <i>Neuron</i> , 2011 , 72, 665-78	13.9	2477
48	Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014 , 84, 320-41	7.9	1793
47	Prediction of individual brain maturity using fMRI. <i>Science</i> , 2010 , 329, 1358-61	33.3	1424
46	Functional brain networks develop from a "local to distributed" organization. <i>PLoS Computational Biology</i> , 2009 , 5, e1000381	5	1040
45	Multi-task connectivity reveals flexible hubs for adaptive task control. <i>Nature Neuroscience</i> , 2013 , 16, 1348-55	25.5	982
44	Intrinsic and task-evoked network architectures of the human brain. <i>Neuron</i> , 2014 , 83, 238-51	13.9	933
43	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013 , 80, 144-68	7.9	865
42	Recent progress and outstanding issues in motion correction in resting state fMRI. <i>NeuroImage</i> , 2015 , 105, 536-51	7.9	652
41	The development of human functional brain networks. <i>Neuron</i> , 2010 , 67, 735-48	13.9	543
40	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	7.9	501
39	Evidence for hubs in human functional brain networks. <i>Neuron</i> , 2013 , 79, 798-813	13.9	499
38	Statistical improvements in functional magnetic resonance imaging analyses produced by censoring high-motion data points. <i>Human Brain Mapping</i> , 2014 , 35, 1981-96	5.9	321
37	Sources and implications of whole-brain fMRI signals in humans. <i>NeuroImage</i> , 2017 , 146, 609-625	7.9	302
36	A parcellation scheme for human left lateral parietal cortex. <i>Neuron</i> , 2010 , 67, 156-70	13.9	297
35	Steps toward optimizing motion artifact removal in functional connectivity MRI; a reply to Carp. <i>NeuroImage</i> , 2013 , 76, 439-41	7.9	248
34	Control-related systems in the human brain. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 223-8	7.6	222

33	Network measures predict neuropsychological outcome after brain injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14247-52	11.5	170
32	Studying brain organization via spontaneous fMRI signal. <i>Neuron</i> , 2014 , 84, 681-96	13.9	167
31	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	11.5	163
30	Evaluation of Denoising Strategies to Address Motion-Related Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. <i>Brain Connectivity</i> , 2016 , 6, 669-680	2.7	153
29	Effects of adsorption to aluminum salt adjuvants on the structure and stability of model protein antigens. <i>Journal of Biological Chemistry</i> , 2005 , 280, 13406-14	5.4	141
28	Identifying Basal Ganglia divisions in individuals using resting-state functional connectivity MRI. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 18	3.5	95
27	Development of the brain's functional network architecture. <i>Neuropsychology Review</i> , 2010 , 20, 362-75	7.7	94
26	Modulation of the brain's functional network architecture in the transition from wake to sleep. <i>Progress in Brain Research</i> , 2011 , 193, 277-94	2.9	93
25	Parcellating an individual subject's cortical and subcortical brain structures using snowball sampling of resting-state correlations. <i>Cerebral Cortex</i> , 2014 , 24, 2036-54	5.1	92
24	A simple but useful way to assess fMRI scan qualities. <i>NeuroImage</i> , 2017 , 154, 150-158	7.9	69
23	Developmental changes in the organization of functional connections between the basal ganglia and cerebral cortex. <i>Journal of Neuroscience</i> , 2014 , 34, 5842-54	6.6	66
22	Distinctions among real and apparent respiratory motions in human fMRI data. <i>NeuroImage</i> , 2019 , 201, 116041	7.9	59
21	Functional network architecture of reading-related regions across development. <i>Brain and Language</i> , 2013 , 125, 231-43	2.9	53
20	On Global fMRI Signals and Simulations. <i>Trends in Cognitive Sciences</i> , 2017 , 21, 911-913	14	49
19	Resting state functional connectivity of the ventral attention network in children with a history of depression or anxiety. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013 , 52, 1326-1336	7.3	48
18	Customized head molds reduce motion during resting state fMRI scans. <i>NeuroImage</i> , 2019 , 189, 141-149	7.9	44
17	Temporal interpolation alters motion in fMRI scans: Magnitudes and consequences for artifact detection. <i>PLoS ONE</i> , 2017 , 12, e0182939	3.7	43
16	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, 123-33	5.5	40

15	Neural plasticity across the lifespan. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2017 , 6, e216.9	34
14	Rapid Precision Functional Mapping of Individuals Using Multi-Echo fMRI. <i>Cell Reports</i> , 2020 , 33, 108540	10.6 32
13	Parcellation in left lateral parietal cortex is similar in adults and children. <i>Cerebral Cortex</i> , 2012 , 22, 1148-58	30
12	Characteristics of respiratory measures in young adults scanned at rest, including systematic changes and "missed" deep breaths. <i>NeuroImage</i> , 2020 , 204, 116234	7.9 27
11	Reward-related regions form a preferentially coupled system at rest. <i>Human Brain Mapping</i> , 2019 , 40, 361-376	5.9 15
10	A Critical, Event-Related Appraisal of Denoising in Resting-State fMRI Studies. <i>Cerebral Cortex</i> , 2020 , 30, 5544-5559	5.1 13
9	Prevalent and sex-biased breathing patterns modify functional connectivity MRI in young adults. <i>Nature Communications</i> , 2020 , 11, 5290	17.4 9
8	Brain Network Theory Can Predict Whether Neuropsychological Outcomes Will Differ from Clinical Expectations. <i>Archives of Clinical Neuropsychology</i> , 2017 , 32, 40-52	2.7 7
7	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	11.5 7
6	On measuring head motion and effects of head molds during fMRI. <i>NeuroImage</i> , 2021 , 225, 117494	7.9 5
5	Neural correlates of preferred activities: development of an interest-specific go/nogo task. <i>Social Cognitive and Affective Neuroscience</i> , 2017 , 12, 1890-1901	4 3
4	Distinctions among real and apparent respiratory motions in human fMRI data	1
3	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	3.7 1
2	Resting-State fMRI: Preclinical Foundations 2020 , 47-63	0
1	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	1.1 0