

Michelle Hampson

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

9,241
citations

101543

36
h-index

161849

54
g-index

60
all docs

60
docs citations

60
times ranked

11288
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	7.1	2,703
2	Brain Connectivity Related to Working Memory Performance. Journal of Neuroscience, 2006, 26, 13338-13343.	3.6	780
3	Detection of functional connectivity using temporal correlations in MR images. Human Brain Mapping, 2002, 15, 247-262.	3.6	613
4	Measuring brain connectivity: Diffusion tensor imaging validates resting state temporal correlations. NeuroImage, 2008, 43, 554-561.	4.2	409
5	A theoretical investigation of reference frames for the planning of speech movements.. Psychological Review, 1998, 105, 611-633.	3.8	371
6	Functional connectivity between task-positive and task-negative brain areas and its relation to working memory performance. Magnetic Resonance Imaging, 2010, 28, 1051-1057.	1.8	303
7	Sex differences in normal age trajectories of functional brain networks. Human Brain Mapping, 2015, 36, 1524-1535.	3.6	207
8	Preterm birth results in alterations in neural connectivity at age 16 years. NeuroImage, 2011, 54, 2563-2570.	4.2	192
9	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). Brain, 2020, 143, 1674-1685.	7.6	188
10	Optimizing real time fMRI neurofeedback for therapeutic discovery and development. NeuroImage: Clinical, 2014, 5, 245-255.	2.7	179
11	Connectivityâ€behavior analysis reveals that functional connectivity between left BA39 and Broca's area varies with reading ability. NeuroImage, 2006, 31, 513-519.	4.2	166
12	Neurobiological Substrates of Tourette's Disorder. Journal of Child and Adolescent Psychopharmacology, 2010, 20, 237-247.	1.3	166
13	Functional connectivity between ventral prefrontal cortex and amygdala at low frequency in the resting state in bipolar disorder. Psychiatry Research - Neuroimaging, 2010, 182, 207-210.	1.8	161
14	Probing the Pathophysiology of Auditory/Verbal Hallucinations by Combining Functional Magnetic Resonance Imaging and Transcranial Magnetic Stimulation. Cerebral Cortex, 2007, 17, 2733-2743.	2.9	160
15	Orbitofrontal cortex neurofeedback produces lasting changes in contamination anxiety and resting-state connectivity. Translational Psychiatry, 2013, 3, e250-e250.	4.8	154
16	Control freaks: Towards optimal selection of control conditions for fMRI neurofeedback studies. NeuroImage, 2019, 186, 256-265.	4.2	151
17	Elevated Functional Connectivity Along a Corticostriatal Loop and the Mechanism of Auditory/Verbal Hallucinations in Patients with Schizophrenia. Biological Psychiatry, 2011, 69, 407-414.	1.3	145
18	Alterations in neural connectivity in preterm children at school age. NeuroImage, 2009, 48, 458-463.	4.2	140

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19	Brain Areas Coactivating with Motor Cortex During Chronic Motor Tics and Intentional Movements. <i>Biological Psychiatry</i> , 2009, 65, 594-599.	1.3	117
20	Real-time fMRI links subjective experience with brain activity during focused attention. <i>NeuroImage</i> , 2013, 81, 110-118.	4.2	114
21	Changes in functional connectivity of human MT/V5 with visual motion input. <i>NeuroReport</i> , 2004, 15, 1315-1319.	1.2	105
22	Microstructural and Functional Connectivity in the Developing Preterm Brain. <i>Seminars in Perinatology</i> , 2011, 35, 34-43.	2.5	96
23	Time course of clinical change following neurofeedback. <i>NeuroImage</i> , 2018, 181, 807-813.	4.2	94
24	Functional connectivity to a right hemisphere language center in prematurely born adolescents. <i>NeuroImage</i> , 2010, 51, 1445-1452.	4.2	91
25	Time course of regional brain activation associated with onset of auditory/verbal hallucinations. <i>British Journal of Psychiatry</i> , 2008, 193, 424-425.	2.8	86
26	A single session of exercise increases connectivity in sensorimotor-related brain networks: a resting-state fMRI study in young healthy adults. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 625.	2.0	65
27	Resting state functional connectivity predicts neurofeedback response. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 338.	2.0	59
28	Auditory hallucinations, network connectivity, and schizophrenia. <i>Behavioral and Brain Sciences</i> , 2004, 27, 860-861.	0.7	57
29	Multimodal Investigation of Network Level Effects Using Intrinsic Functional Connectivity, Anatomical Covariance, and Structure-to-Function Correlations in Unmedicated Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 1119-1127.	5.4	57
30	Functional connectivity studies of patients with auditory verbal hallucinations. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 6.	2.0	54
31	Real-Time fMRI Neurofeedback with War Veterans with Chronic PTSD: A Feasibility Study. <i>Frontiers in Psychiatry</i> , 2016, 7, 111.	2.6	53
32	Biofeedback of Real-Time Functional Magnetic Resonance Imaging Data from the Supplementary Motor Area Reduces Functional Connectivity to Subcortical Regions. <i>Brain Connectivity</i> , 2011, 1, 91-98.	1.7	51
33	Cerebellar and Prefrontal Cortical Alterations in PTSD: Structural and Functional Evidence. <i>Chronic Stress</i> , 2018, 2, 247054701878639.	3.4	51
34	Potential Use and Challenges of Functional Connectivity Mapping in Intractable Epilepsy. <i>Frontiers in Neurology</i> , 2013, 4, 39.	2.4	50
35	Time course of regional brain activity accompanying auditory verbal hallucinations in schizophrenia. <i>British Journal of Psychiatry</i> , 2011, 198, 277-283.	2.8	42
36	Intrinsic Brain Connectivity Related to Age in Young and Middle Aged Adults. <i>PLoS ONE</i> , 2012, 7, e44067.	2.5	38

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37	Randomized, Sham-Controlled Trial of Real-Time Functional Magnetic Resonance Imaging Neurofeedback for Tics in Adolescents With Tourette Syndrome. <i>Biological Psychiatry</i> , 2020, 87, 1063-1070.	1.3	35
38	Data-Driven Analysis of Functional Connectivity Reveals a Potential Auditory Verbal Hallucination Network. <i>Schizophrenia Bulletin</i> , 2019, 45, 415-424.	4.3	32
39	Connectome-based neurofeedback: A pilot study to improve sustained attention. <i>NeuroImage</i> , 2020, 212, 116684.	4.2	28
40	Insula as the Interface Between Body Awareness and Movement: A Neurofeedback-Guided Kinesthetic Motor Imagery Study in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 496.	2.0	26
41	Real-time fMRI Biofeedback Targeting the Orbitofrontal Cortex for Contamination Anxiety. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	23
42	Effect of deactivation of activity patterns related to smoking cue reactivity on nicotine addiction. <i>Brain</i> , 2019, 142, 1827-1841.	7.6	21
43	Transcranial magnetic stimulation and connectivity mapping: tools for studying the neural bases of brain disorders. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	2.5	19
44	A Graphics Processing Unit Accelerated Motion Correction Algorithm and Modular System for Real-time fMRI. <i>Neuroinformatics</i> , 2013, 11, 291-300.	2.8	19
45	Neural Correlates of Success and Failure Signals During Neurofeedback Learning. <i>Neuroscience</i> , 2018, 378, 11-21.	2.3	19
46	Neurofeedback. <i>NeuroImage</i> , 2020, 218, 116473.	4.2	17
47	Impaired Value Learning for Faces in Preschoolers With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 33-40.	0.5	14
48	Neurofeedback-guided kinesthetic motor imagery training in Parkinson's disease: Randomized trial. <i>NeuroImage: Clinical</i> , 2022, 34, 102980.	2.7	9
49	Increased amygdala and decreased frontolimbic resting-state functional connectivity in children with aggressive behavior. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 634-644.	3.0	8
50	Developing image sets for inducing obsessive-compulsive checking symptoms. <i>Psychiatry Research</i> , 2018, 265, 249-255.	3.3	6
51	Identifying Potential Mechanisms of Action Underlying Neurofeedback Treatment Response in Depression. <i>Biological Psychiatry</i> , 2017, 82, 547-548.	1.3	4
52	Functional Connectivity MR Imaging. , 2011, , 355-371.		4
53	Harmonization of [11C]raclopride brain PET images from the HR+ and HRRT: method development and validation in human subjects. <i>EJNMMI Physics</i> , 2022, 9, 27.	2.7	3
54	Detection of low frequency temporal correlations in steady state and block design data. <i>NeuroImage</i> , 2001, 13, 144.	4.2	1

#	ARTICLE	IF	CITATIONS
55	Protocol design in fMRI neurofeedback studies. , 2021, , 57-79.		1
56	The treatment and study of psychiatric disorders with fMRI neurofeedback. , 2021, , 207-237.		0
57	Ethical considerations for fMRI neurofeedback. , 2021, , 315-331.		0
58	Functional Connectivity MR Imaging. , 2015, , 83-104.		0