

# 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	Increased amygdala and decreased frontolimbic resting-state functional connectivity in children with aggressive behavior. Social Cognitive and Affective Neuroscience, 2022, 17, 634-644.	3.0	8
2	Neurofeedback-guided kinesthetic motor imagery training in Parkinson's disease: Randomized trial. NeuroImage: Clinical, 2022, 34, 102980.	2.7	9
3	Harmonization of [11C]raclopride brain PET images from the HR+ and HRRT: method development and validation in human subjects. EJNMMI Physics, 2022, 9, 27.	2.7	3
4	The treatment and study of psychiatric disorders with fMRI neurofeedback. , 2021, , 207-237.		0
5	Protocol design in fMRI neurofeedback studies. , 2021, , 57-79.		1
6	Ethical considerations for fMRI neurofeedback. , 2021, , 315-331.		0
7	Randomized, Sham-Controlled Trial of Real-Time Functional Magnetic Resonance Imaging Neurofeedback for Tics in Adolescents With Tourette Syndrome. Biological Psychiatry, 2020, 87, 1063-1070.	1.3	35
8	Neurofeedback. NeuroImage, 2020, 218, 116473.	4.2	17
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	Connectome-based neurofeedback: A pilot study to improve sustained attention. NeuroImage, 2020, 212, 116684.	4.2	28
11	Effect of deactivation of activity patterns related to smoking cue reactivity on nicotine addiction. Brain, 2019, 142, 1827-1841.	7.6	21
12	Control freaks: Towards optimal selection of control conditions for fMRI neurofeedback studies. NeuroImage, 2019, 186, 256-265.	4.2	151
13	Data-Driven Analysis of Functional Connectivity Reveals a Potential Auditory Verbal Hallucination Network. Schizophrenia Bulletin, 2019, 45, 415-424.	4.3	32
14	Neural Correlates of Success and Failure Signals During Neurofeedback Learning. Neuroscience, 2018, 378, 11-21.	2.3	19
15	Multimodal Investigation of Network Level Effects Using Intrinsic Functional Connectivity, Anatomical Covariance, and Structure-to-Function Correlations in Unmedicated Major Depressive Disorder. Neuropsychopharmacology, 2018, 43, 1119-1127.	5.4	57
16	Impaired Value Learning for Faces in Preschoolers With Autism Spectrum Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2018, 57, 33-40.	0.5	14
17	Insula as the Interface Between Body Awareness and Movement: A Neurofeedback-Guided Kinesthetic Motor Imagery Study in Parkinson's Disease. Frontiers in Human Neuroscience, 2018, 12, 496.	2.0	26
18	Developing image sets for inducing obsessive-compulsive checking symptoms. Psychiatry Research, 2018, 265, 249-255.	3.3	6

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19	Cerebellar and Prefrontal Cortical Alterations in PTSD: Structural and Functional Evidence. <i>Chronic Stress</i> , 2018, 2, 247054701878639.	3.4	51
20	Time course of clinical change following neurofeedback. <i>NeuroImage</i> , 2018, 181, 807-813.	4.2	94
21	Identifying Potential Mechanisms of Action Underlying Neurofeedback Treatment Response in Depression. <i>Biological Psychiatry</i> , 2017, 82, 547-548.	1.3	4
22	Real-Time fMRI Neurofeedback with War Veterans with Chronic PTSD: A Feasibility Study. <i>Frontiers in Psychiatry</i> , 2016, 7, 111.	2.6	53
23	Sex differences in normal age trajectories of functional brain networks. <i>Human Brain Mapping</i> , 2015, 36, 1524-1535.	3.6	207
24	Functional Connectivity MR Imaging. , 2015, , 83-104.		0
25	Resting state functional connectivity predicts neurofeedback response. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 338.	2.0	59
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	Optimizing real time fMRI neurofeedback for therapeutic discovery and development. <i>NeuroImage: Clinical</i> , 2014, 5, 245-255.	2.7	179
28	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
29	Real-time fMRI links subjective experience with brain activity during focused attention. <i>NeuroImage</i> , 2013, 81, 110-118.	4.2	114
30	Potential Use and Challenges of Functional Connectivity Mapping in Intractable Epilepsy. <i>Frontiers in Neurology</i> , 2013, 4, 39.	2.4	50
31	Orbitofrontal cortex neurofeedback produces lasting changes in contamination anxiety and resting-state connectivity. <i>Translational Psychiatry</i> , 2013, 3, e250-e250.	4.8	154
32	Real-time fMRI Biofeedback Targeting the Orbitofrontal Cortex for Contamination Anxiety. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	23
33	Functional connectivity studies of patients with auditory verbal hallucinations. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 6.	2.0	54
34	Intrinsic Brain Connectivity Related to Age in Young and Middle Aged Adults. <i>PLoS ONE</i> , 2012, 7, e44067.	2.5	38
35	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
36	Preterm birth results in alterations in neural connectivity at age 16 years. <i>NeuroImage</i> , 2011, 54, 2563-2570.	4.2	192

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37	Elevated Functional Connectivity Along a Corticostriatal Loop and the Mechanism of Auditory/Verbal Hallucinations in Patients with Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 407-414.	1.3	145
38	Microstructural and Functional Connectivity in the Developing Preterm Brain. <i>Seminars in Perinatology</i> , 2011, 35, 34-43.	2.5	96
39	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
40	Functional Connectivity MR Imaging. , 2011, , 355-371.		4
41	Functional connectivity between task-positive and task-negative brain areas and its relation to working memory performance. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1051-1057.	1.8	303
42	Functional connectivity between ventral prefrontal cortex and amygdala at low frequency in the resting state in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 207-210.	1.8	161
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	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	7.1	2,703
45	Functional connectivity to a right hemisphere language center in prematurely born adolescents. <i>NeuroImage</i> , 2010, 51, 1445-1452.	4.2	91
46	Neurobiological Substrates of Tourette's Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2010, 20, 237-247.	1.3	166
47	Brain Areas Coactivating with Motor Cortex During Chronic Motor Tics and Intentional Movements. <i>Biological Psychiatry</i> , 2009, 65, 594-599.	1.3	117
48	Alterations in neural connectivity in preterm children at school age. <i>NeuroImage</i> , 2009, 48, 458-463.	4.2	140
49	Measuring brain connectivity: Diffusion tensor imaging validates resting state temporal correlations. <i>NeuroImage</i> , 2008, 43, 554-561.	4.2	409
50	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
51	Probing the Pathophysiology of Auditory/Verbal Hallucinations by Combining Functional Magnetic Resonance Imaging and Transcranial Magnetic Stimulation. <i>Cerebral Cortex</i> , 2007, 17, 2733-2743.	2.9	160
52	Brain Connectivity Related to Working Memory Performance. <i>Journal of Neuroscience</i> , 2006, 26, 13338-13343.	3.6	780
53	Connectivityâ€behavior analysis reveals that functional connectivity between left BA39 and Broca's area varies with reading ability. <i>NeuroImage</i> , 2006, 31, 513-519.	4.2	166
54	Auditory hallucinations, network connectivity, and schizophrenia. <i>Behavioral and Brain Sciences</i> , 2004, 27, 860-861.	0.7	57

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55	Changes in functional connectivity of human MT/V5 with visual motion input. NeuroReport, 2004, 15, 1315-1319.	1.2	105
56	Detection of functional connectivity using temporal correlations in MR images. Human Brain Mapping, 2002, 15, 247-262.	3.6	613
57	Detection of low frequency temporal correlations in steady state and block design data. NeuroImage, 2001, 13, 144.	4.2	1
58	A theoretical investigation of reference frames for the planning of speech movements.. Psychological Review, 1998, 105, 611-633.	3.8	371