

Matthew E Hughes

List of Publications by Year in descending order

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48
papers

2,047
citations

279701

23
h-index

265120

42
g-index

54
all docs

54
docs citations

54
times ranked

4323
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020, 582, 84-88.	13.7	634
2	Stop-signal response inhibition in schizophrenia: Behavioural, event-related potential and functional neuroimaging data. <i>Biological Psychology</i> , 2012, 89, 220-231.	1.1	130
3	Are Hallucinations Due to an Imbalance Between Excitatory and Inhibitory Influences on the Brain?. <i>Schizophrenia Bulletin</i> , 2016, 42, 1124-1134.	2.3	127
4	The spatial and temporal dynamics of anticipatory preparation and response inhibition in task-switching. <i>NeuroImage</i> , 2010, 51, 432-449.	2.1	125
5	Omega-3 supplementation improves cognition and modifies brain activation in young adults. <i>Human Psychopharmacology</i> , 2014, 29, 133-144.	0.7	85
6	Primary and secondary neural networks of auditory prepulse inhibition: a functional magnetic resonance imaging study of sensorimotor gating of the human acoustic startle response. <i>European Journal of Neuroscience</i> , 2007, 26, 2327-2333.	1.2	71
7	Failures of cognitive control or attention? The case of stop-signal deficits in schizophrenia. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 1078-1086.	0.7	68
8	Brain networks subserving the evaluation of static and dynamic facial expressions. <i>Cortex</i> , 2013, 49, 2462-2472.	1.1	55
9	The fusiform face area and occipital face area show sensitivity to spatial relations in faces. <i>European Journal of Neuroscience</i> , 2009, 30, 721-733.	1.2	53
10	Atypical Neural Activity in Males But Not Females with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 954-963.	1.7	46
11	An investigation of cerebral oxygen utilization, blood flow and cognition in healthy aging. <i>PLoS ONE</i> , 2018, 13, e0197055.	1.1	41
12	Acute Effects of Different Multivitamin Mineral Preparations with and without Guarana on Mood, Cognitive Performance and Functional Brain Activation. <i>Nutrients</i> , 2013, 5, 3589-3604.	1.7	40
13	Stop-signal task difficulty and the right inferior frontal gyrus. <i>Behavioural Brain Research</i> , 2013, 256, 205-213.	1.2	37
14	Sustained brain activation supporting stop-signal task performance. <i>European Journal of Neuroscience</i> , 2014, 39, 1363-1369.	1.2	37
15	Self perception and facial emotion perception of others in anorexia nervosa. <i>Frontiers in Psychology</i> , 2015, 6, 1181.	1.1	37
16	Resting state functional connectivity in anorexia nervosa. <i>Psychiatry Research - Neuroimaging</i> , 2016, 251, 45-52.	0.9	37
17	Regional Cerebrovascular Reactivity and Cognitive Performance in Healthy Aging. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951878515.	2.3	34
18	Magnetic resonance imaging for assessment of cerebrovascular reactivity and its relationship to cognition: a systematic review. <i>BMC Neuroscience</i> , 2018, 19, 21.	0.8	31

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19	Time of Day Differences in Neural Reward Functioning in Healthy Young Men. <i>Journal of Neuroscience</i> , 2017, 37, 8895-8900.	1.7	30
20	Kava for the treatment of generalised anxiety disorder (K-GAD): study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 493.	0.7	29
21	Improvement of cognitive function in schizophrenia with N-acetylcysteine: A theoretical review. <i>Nutritional Neuroscience</i> , 2020, 23, 139-148.	1.5	29
22	Cognitive validation of cross-diagnostic cognitive subgroups on the schizophrenia-bipolar spectrum. <i>Journal of Affective Disorders</i> , 2020, 266, 710-721.	2.0	27
23	Functional Activation during the Rapid Visual Information Processing Task in a Middle Aged Cohort: An fMRI Study. <i>PLoS ONE</i> , 2015, 10, e0138994.	1.1	26
24	The effect of sleep deprivation on BOLD activity elicited by a divided attention task. <i>Brain Imaging and Behavior</i> , 2011, 5, 97-108.	1.1	22
25	Saccadic Eye Movements in Anorexia Nervosa. <i>PLoS ONE</i> , 2016, 11, e0152338.	1.1	20
26	A randomized controlled trial investigating the neurocognitive effects of Lacprodan® PL-20, a phospholipid-rich milk protein concentrate, in elderly participants with age-associated memory impairment: the Phospholipid Intervention for Cognitive Ageing Reversal (PLICAR): study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 404.	0.7	17
27	Differences in regional grey matter volumes in currently ill patients with anorexia nervosa. <i>European Journal of Neuroscience</i> , 2018, 47, 177-183.	1.2	16
28	Decreased Response to Positive Facial Affect in a Depressed Cohort in the Dorsal Striatum During a Working Memory Task—A Preliminary fMRI Study. <i>Frontiers in Psychiatry</i> , 2019, 10, 60.	1.3	15
29	Greater activation of the response inhibition network in females compared to males during stop signal task performance. <i>Behavioural Brain Research</i> , 2020, 386, 112586.	1.2	13
30	The activity and connectivity of the facial emotion processing neural circuitry in bipolar disorder: a systematic review. <i>Journal of Affective Disorders</i> , 2021, 279, 518-548.	2.0	12
31	Impaired theta and alpha oscillations underlying stopsignal response inhibition deficits in schizophrenia. <i>Schizophrenia Research</i> , 2018, 193, 474-476.	1.1	11
32	Brain morphology does not clearly map to cognition in individuals on the bipolar-schizophrenia-spectrum: a cross-diagnostic study of cognitive subgroups. <i>Journal of Affective Disorders</i> , 2021, 281, 776-785.	2.0	11
33	Threat-induced anxiety weakens inhibitory control. <i>Biological Psychology</i> , 2019, 144, 99-102.	1.1	10
34	A Systematic Review of Cognition-Brain Morphology Relationships on the Schizophrenia-Bipolar Disorder Spectrum. <i>Schizophrenia Bulletin</i> , 2021, 47, 1557-1600.	2.3	8
35	External speech processing and auditory verbal hallucinations: A systematic review of functional neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 663-687.	2.9	8
36	Functional Brain Activity Changes after 4 Weeks Supplementation with a Multi-Vitamin/Mineral Combination: A Randomized, Double-Blind, Placebo-Controlled Trial Exploring Functional Magnetic Resonance Imaging and Steady-State Visual Evoked Potentials during Working Memory. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 288.	1.7	7

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37	Brain compensation during response inhibition in premanifest Huntington's disease. <i>Brain and Cognition</i> , 2020, 141, 105560.	0.8	7
38	Electrophysiological signatures of the race model in human primary motor cortex. <i>Psychophysiology</i> , 2016, 53, 229-236.	1.2	6
39	Midbrain dysfunction in anorexia nervosa. <i>Psychiatry Research - Neuroimaging</i> , 2019, 283, 154-155.	0.9	6
40	Hearing Aid Use in Older Adults With Postlingual Sensorineural Hearing Loss: Protocol for a Prospective Cohort Study. <i>JMIR Research Protocols</i> , 2018, 7, e174.	0.5	6
41	The Potential for New Understandings of Normal and Abnormal Cognition by Integration of Neuroimaging and Behavioral Data: Not an Exercise in Carrying Coals to Newcastle. <i>Brain Imaging and Behavior</i> , 2008, 2, 318-326.	1.1	5
42	Brain Morphological Characteristics of Cognitive Subgroups of Schizophrenia-Spectrum Disorders and Bipolar Disorder: A Systematic Review with Narrative Synthesis. <i>Neuropsychology Review</i> , 2022, , 1.	2.5	4
43	A Neuroimaging Study of Personality Traits and Self-Reflection. <i>Behavioral Sciences (Basel)</i> , 2022, 11, 1078.	1.0	3
44	Characterization of facial emotion recognition in bipolar disorder: Focus on emotion mislabelling and neutral expressions. <i>Journal of Neuropsychology</i> , 2022, 16, 353-372.	0.6	3
45	Spontaneous blink rate in anorexia nervosa: Implications for dopaminergic activity in anorexia nervosa. <i>Australian and New Zealand Journal of Psychiatry</i> , 2018, 52, 713-714.	1.3	2
46	The influence of gender on emotional aspects of auditory verbal hallucinations. <i>Psychiatry Research</i> , 2020, 284, 112642.	1.7	2
47	Inter-Diffusion Characterization of SnOx/CuOx Grown on Cu Foil. <i>Microscopy and Microanalysis</i> , 2015, 21, 2139-2140.	0.2	0
48	No influence of sex on the relationship between schizotypy factors and executive control across the schizophrenia spectrum. <i>Journal of Psychiatric Research</i> , 2022, 148, 325-331.	1.5	0