

# Muriel Walshe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/875129/publications.pdf>

Version: 2024-02-01

105  
papers

8,811  
citations

66343

42  
h-index

43889

91  
g-index

115  
all docs

115  
docs citations

115  
times ranked

12225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lack of Support for the Genes by Early Environment Interaction Hypothesis in the Pathogenesis of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 20-26.	4.3	19
2	Genetic copy number variants, cognition and psychosis: a meta-analysis and a family study. <i>Molecular Psychiatry</i> , 2021, 26, 5307-5319.	7.9	18
3	A polygenic risk score analysis of psychosis endophenotypes across brain functional, structural, and cognitive domains. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 21-34.	1.7	57
4	Associations between psychosis endophenotypes across brain functional, structural, and cognitive domains. <i>Psychological Medicine</i> , 2018, 48, 1325-1340.	4.5	14
5	Use of schizophrenia and bipolar disorder polygenic risk scores to identify psychotic disorders. <i>British Journal of Psychiatry</i> , 2018, 213, 535-541.	2.8	37
6	White matter alterations to cingulum and fornix following very preterm birth and their relationship with cognitive functions. <i>NeuroImage</i> , 2017, 150, 373-382.	4.2	34
7	Abnormal frontoparietal synaptic gain mediating the <scp>P</scp>300 in patients with psychotic disorder and their unaffected relatives. <i>Human Brain Mapping</i> , 2017, 38, 3262-3276.	3.6	21
8	SU72. Abnormal Frontal Synaptic Gain Mediating the P300 in Patients With Psychosis and Their Unaffected Relatives. <i>Schizophrenia Bulletin</i> , 2017, 43, S187-S187.	4.3	0
9	Impaired prefrontal synaptic gain in people with psychosis and their relatives during the mismatch negativity. <i>Human Brain Mapping</i> , 2016, 37, 351-365.	3.6	64
10	New insights into the endophenotypic status of cognition in bipolar disorder: Genetic modelling study of twins and siblings. <i>British Journal of Psychiatry</i> , 2016, 208, 539-547.	2.8	12
11	Subregional Hippocampal Morphology and Psychiatric Outcome in Adolescents Who Were Born Very Preterm and at Term. <i>PLoS ONE</i> , 2015, 10, e0130094.	2.5	14
12	Alterations in cortical thickness development in preterm-born individuals: Implications for high-order cognitive functions. <i>NeuroImage</i> , 2015, 115, 64-75.	4.2	72
13	Sensory gating deficits in the attenuated psychosis syndrome. <i>Schizophrenia Research</i> , 2015, 161, 277-282.	2.0	11
14	Eating Disorder Psychopathology, Brain Structure, Neuropsychological Correlates and Risk Mechanisms in Very Preterm Young Adults. <i>European Eating Disorders Review</i> , 2015, 23, 147-155.	4.1	19
15	Failure to deactivate medial prefrontal cortex in people at high risk for psychosis. <i>European Psychiatry</i> , 2015, 30, 633-640.	0.2	26
16	Preterm birth and structural brain alterations in early adulthood. <i>NeuroImage: Clinical</i> , 2014, 6, 180-191.	2.7	168
17	White matter microstructural abnormalities in families multiply affected with bipolar I disorder: a diffusion tensor tractography study. <i>Psychological Medicine</i> , 2014, 44, 2139-2150.	4.5	42
18	Road work on memory lane – Functional and structural alterations to the learning and memory circuit in adults born very preterm. <i>NeuroImage</i> , 2014, 102, 152-161.	4.2	38

#	ARTICLE	IF	CITATIONS
19	Resting EEG in psychosis and at-risk populations – A possible endophenotype?. Schizophrenia Research, 2014, 153, 96-102.	2.0	57
20	A Genome-wide Association Analysis of a Broad Psychosis Phenotype Identifies Three Loci for Further Investigation. Biological Psychiatry, 2014, 75, 386-397.	1.3	44
21	Functional Neuroanatomy of Executive Function after Neonatal Brain Injury in Adults Who Were Born Very Preterm. PLoS ONE, 2014, 9, e113975.	2.5	31
22	Risk variant of oligodendrocyte lineage transcription factor 2 is associated with reduced white matter integrity. Human Brain Mapping, 2013, 34, 2025-2031.	3.6	18
23	Interaction between effects of genes coding for dopamine and glutamate transmission on striatal and parahippocampal function. Human Brain Mapping, 2013, 34, 2244-2258.	3.6	10
24	Analysis of multiple phenotypes in genome-wide genetic mapping studies. BMC Bioinformatics, 2013, 14, 151.	2.6	24
25	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. Nature Genetics, 2013, 45, 1150-1159.	21.4	1,395
26	Preterm Birth and Adolescent Social Functioning – Alterations in Emotion-Processing Brain Areas. Journal of Pediatrics, 2013, 163, 1596-1604.	1.8	72
27	The impact of CACNA1C allelic variation on effective connectivity during emotional processing in bipolar disorder. Molecular Psychiatry, 2013, 18, 526-527.	7.9	57
28	Association between the 2-bp deletion polymorphism in the duplicated version of the alpha7 nicotinic receptor gene and P50 sensory gating. European Journal of Human Genetics, 2013, 21, 76-81.	2.8	21
29	Effect of DISC1 on the P300 Waveform in Psychosis. Schizophrenia Bulletin, 2013, 39, 161-167.	4.3	19
30	The association of white matter volume in psychotic disorders with genotypic variation in NRG1, MOG and CNP: a voxel-based analysis in affected individuals and their unaffected relatives. Translational Psychiatry, 2012, 2, e167-e167.	4.8	53
31	The Association between COMT, BDNF, and NRG1 and Premorbid Social Functioning in Patients with Psychosis, Their Relatives, and Controls. Scientifica, 2012, 2012, 1-6.	1.7	6
32	Genetic Vulnerability to Psychosis and Cortical Function: Epistatic Effects between DAAO and G72. Current Pharmaceutical Design, 2012, 18, 510-517.	1.9	12
33	Prefrontal deviations in function but not volume are putative endophenotypes for schizophrenia. Brain, 2012, 135, 2231-2244.	7.6	34
34	Sustained attention in bipolar I disorder patients with familial psychosis and their first-degree relatives. Psychiatry Research, 2012, 199, 70-73.	3.3	7
35	Ectodermal markers of early developmental impairment in very preterm individuals. Psychiatry Research, 2012, 200, 715-718.	3.3	3
36	Poster #29 EXPLORING GENETIC AND ENVIRONMENTAL INFLUENCES ON BRAIN FUNCTION IN SCHIZOPHRENIA. Schizophrenia Research, 2012, 136, S102.	2.0	0

#	ARTICLE	IF	CITATIONS
37	Association between hippocampal volume and P300 event related potential in psychosis: Support for the Kraepelinian divide. <i>NeuroImage</i> , 2012, 59, 997-1003.	4.2	13
38	Reduced mismatch negativity predates the onset of psychosis. <i>Schizophrenia Research</i> , 2012, 134, 42-48.	2.0	119
39	Effect of D-amino acid oxidase activator (DAAO; G72) on brain function during verbal fluency. <i>Human Brain Mapping</i> , 2012, 33, 143-153.	3.6	20
40	Neonatal Brain Injury and Neuroanatomy of Memory Processing following Very Preterm Birth in Adulthood: An fMRI Study. <i>PLoS ONE</i> , 2012, 7, e34858.	2.5	25
41	Differential effects of DAAO on regional activation and functional connectivity in schizophrenia, bipolar disorder and controls. <i>NeuroImage</i> , 2011, 56, 2283-2291.	4.2	24
42	COMT gene polymorphism and corpus callosum morphometry in preterm born adults. <i>NeuroImage</i> , 2011, 54, 148-153.	4.2	9
43	Atlasing location, asymmetry and inter-subject variability of white matter tracts in the human brain with MR diffusion tractography. <i>NeuroImage</i> , 2011, 54, 49-59.	4.2	576
44	Long-term maternal recall of obstetric complications in schizophrenia research. <i>Psychiatry Research</i> , 2011, 187, 335-340.	3.3	25
45	White Matter and Cognition in Adults Who Were Born Preterm. <i>PLoS ONE</i> , 2011, 6, e24525.	2.5	125
46	Exaggerated neural response to emotional faces in patients with bipolar disorder and their first degree relatives. <i>International Clinical Psychopharmacology</i> , 2011, 26, e70-e71.	1.7	1
47	Do COMT, BDNF and NRG-1 polymorphisms influence P50 sensory gating in psychosis?. <i>International Clinical Psychopharmacology</i> , 2011, 26, e112-e113.	1.7	0
48	Prefrontal cortex ROIs as endophenotypes, testing genetic overlap their with schizophrenia and neurocognitive endophenotypes. <i>International Clinical Psychopharmacology</i> , 2011, 26, e156-e157.	1.7	0
49	Biomarkers of psychosis and their genetic basis. <i>International Clinical Psychopharmacology</i> , 2011, 26, e54.	1.7	1
50	Is there any association between polymorphisms of the dysbindin gene and lateral ventricular enlargement in psychosis?. <i>International Clinical Psychopharmacology</i> , 2011, 26, e128-e129.	1.7	0
51	Executive functioning in familial bipolar I disorder patients and their unaffected relatives. <i>Bipolar Disorders</i> , 2011, 13, 208-216.	1.9	43
52	No association of Disrupted-in-Schizophrenia-1 variation with prefrontal function in patients with schizophrenia and bipolar disorder. <i>Genes, Brain and Behavior</i> , 2011, 10, 276-285.	2.2	21
53	Expanding the range of ZNF804A variants conferring risk of psychosis. <i>Molecular Psychiatry</i> , 2011, 16, 59-66.	7.9	140
54	Very preterm adolescents show gender-dependent alteration of the structural brain correlates of spelling abilities. <i>Neuropsychologia</i> , 2011, 49, 2685-2693.	1.6	9

#	ARTICLE	IF	CITATIONS
55	Pattern of neural responses to verbal fluency shows diagnostic specificity for schizophrenia and bipolar disorder. <i>BMC Psychiatry</i> , 2011, 11, 18.	2.6	163
56	Structural covariance in the cortex of very preterm adolescents: A voxel-based morphometry study. <i>Human Brain Mapping</i> , 2011, 32, 1615-1625.	3.6	43
57	Do COMT, BDNF and NRG1 polymorphisms influence P50 sensory gating in psychosis?. <i>Psychological Medicine</i> , 2011, 41, 263-276.	4.5	34
58	Neonatal Ultrasound Results Following Very Preterm Birth Predict Adolescent Behavioral and Cognitive Outcome. <i>Developmental Neuropsychology</i> , 2011, 36, 118-135.	1.4	37
59	The Very Preterm Brain in Young Adulthood: The Neural Correlates of Verbal Paired Associate Learning. <i>Journal of Pediatrics</i> , 2010, 156, 889-895.	1.8	38
60	Evidence of association of KIBRA genotype with episodic memory in families of psychotic patients and controls. <i>Journal of Psychiatric Research</i> , 2010, 44, 795-798.	3.1	31
61	Magnetic resonance imaging findings from adolescence to adulthood. , 2010, , 68-75.		0
62	A large replication study and meta-analysis in European samples provides further support for association of AHI1 markers with schizophrenia. <i>Human Molecular Genetics</i> , 2010, 19, 1379-1386.	2.9	51
63	The corpus callosum and empathy in adults with a history of preterm birth. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 716-720.	1.8	5
64	Genetic modelling of childhood social development and personality in twins and siblings with schizophrenia. <i>Psychological Medicine</i> , 2010, 40, 1305-1316.	4.5	16
65	A functional MRI study of verbal fluency in adults with bipolar disorder and their unaffected relatives. <i>Psychological Medicine</i> , 2010, 40, 2025-2035.	4.5	51
66	DOES THE DYSBINDIN GENE INFLUENCE HIPPOCAMPAL VOLUME IN PSYCHOSIS?. <i>Schizophrenia Research</i> , 2010, 117, 219-220.	2.0	0
67	Exaggerated neural response to emotional faces in patients with bipolar disorder and their first-degree relatives. <i>NeuroImage</i> , 2010, 53, 58-64.	4.2	115
68	The effect of COMT, BDNF, 5-HTT, NRG1 and DTNBP1 genes on hippocampal and lateral ventricular volume in psychosis. <i>Psychological Medicine</i> , 2009, 39, 1783-1797.	4.5	68
69	Stroop-test interference in bipolar disorder. <i>British Journal of Psychiatry</i> , 2009, 194, 285-286.	2.8	29
70	Altered Effect of Dopamine Transporter 3' UTR VNTR Genotype on Prefrontal and Striatal Function in Schizophrenia. <i>Archives of General Psychiatry</i> , 2009, 66, 1162.	12.3	37
71	Epistasis between the DAT 3' UTR VNTR and the COMT Val158Met SNP on cortical function in healthy subjects and patients with schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13600-13605.	7.1	78
72	The neural basis of response inhibition and attention allocation as mediated by gestational age. <i>Human Brain Mapping</i> , 2009, 30, 1038-1050.	3.6	51

#	ARTICLE	IF	CITATIONS
73	Increased inferior frontal activation during word generation: A marker of genetic risk for schizophrenia but not bipolar disorder?. Human Brain Mapping, 2009, 30, 3287-3298.	3.6	35
74	Memory functioning in familial bipolar I disorder patients and their relatives. Bipolar Disorders, 2009, 11, 209-214.	1.9	30
75	Neuropsychological correlates of eye movement abnormalities in schizophrenic patients and their unaffected relatives. Psychiatry Research, 2009, 168, 193-197.	3.3	13
76	Neural substrates of visual paired associates in young adults with a history of very preterm birth: Alterations in fronto-parieto-occipital networks and caudate nucleus. NeuroImage, 2009, 47, 1884-1893.	4.2	81
77	Neural substrates of letter fluency processing in young adults who were born very preterm: Alterations in frontal and striatal regions. NeuroImage, 2009, 47, 1904-1913.	4.2	56
78	Diffusion tensor MRI of the corpus callosum and cognitive function in adults born preterm. NeuroReport, 2009, 20, 424-428.	1.2	76
79	White matter microstructural impairments and genetic liability to familial bipolar I disorder. British Journal of Psychiatry, 2009, 194, 527-534.	2.8	157
80	Large recurrent microdeletions associated with schizophrenia. Nature, 2008, 455, 232-236.	27.8	1,619
81	Auditory P300 in patients with bipolar disorder and their unaffected relatives. Bipolar Disorders, 2008, 10, 377-386.	1.9	74
82	Pituitary volume in unaffected relatives of patients with schizophrenia and bipolar disorder. Psychoneuroendocrinology, 2008, 33, 1004-1012.	2.7	65
83	Selective attention deficits reflect increased genetic vulnerability to schizophrenia. Schizophrenia Research, 2008, 101, 169-175.	2.0	21
84	Neuregulin-1 and the P300 waveform—A preliminary association study using a psychosis endophenotype. Schizophrenia Research, 2008, 103, 178-185.	2.0	40
85	Genetic Liability for Bipolar Disorder Is Characterized by Excess Frontal Activation in Response to a Working Memory Task. Biological Psychiatry, 2008, 64, 513-520.	1.3	91
86	Psychiatric disorder in young adults born very preterm: Role of family history. European Psychiatry, 2008, 23, 527-531.	0.2	41
87	Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. Brain, 2008, 131, 205-217.	7.6	353
88	Cerebellar growth and behavioural & neuropsychological outcome in preterm adolescents. Brain, 2008, 131, 1344-1351.	7.6	128
89	Familial liability to schizophrenia and premorbid adjustment. British Journal of Psychiatry, 2007, 191, 260-261.	2.8	16
90	Growth of the Corpus Callosum in Adolescents Born Preterm. JAMA Pediatrics, 2007, 161, 1183.	3.0	55

#	ARTICLE	IF	CITATIONS
91	P50 Auditory Evoked Potential Suppression in Bipolar Disorder Patients With Psychotic Features and Their Unaffected Relatives. <i>Biological Psychiatry</i> , 2007, 62, 121-128.	1.3	93
92	Intellectual asymmetry and genetic liability in first-degree relatives of probands with schizophrenia. <i>British Journal of Psychiatry</i> , 2006, 188, 186-187.	2.8	54
93	Episodic Memory Performance Predicted by the 2bp Deletion in Exon 6 of the "Alpha 7-Like" Nicotinic Receptor Subunit Gene. <i>American Journal of Psychiatry</i> , 2006, 163, 1832-1834.	7.2	46
94	Distribution of symptom dimensions across Kraepelinian divisions. <i>British Journal of Psychiatry</i> , 2006, 189, 346-353.	2.8	93
95	The relationship between eye movement and brain structural abnormalities in patients with schizophrenia and their unaffected relatives. <i>Journal of Psychiatric Research</i> , 2006, 40, 589-598.	3.1	12
96	Regional Brain Morphometry in Patients With Schizophrenia or Bipolar Disorder and Their Unaffected Relatives. <i>American Journal of Psychiatry</i> , 2006, 163, 478-487.	7.2	248
97	Personality in Young Adults Who Are Born Preterm. <i>Pediatrics</i> , 2006, 117, 309-316.	2.1	117
98	Cognitive performance in presumed obligate carriers for psychosis. <i>British Journal of Psychiatry</i> , 2005, 187, 284-285.	2.8	38
99	Association between BDNF val <sup>66</sup> met genotype and episodic memory. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 134B, 73-75.	1.7	159
100	Regional volume deviations of brain structure in schizophrenia and psychotic bipolar disorder. <i>British Journal of Psychiatry</i> , 2005, 186, 369-377.	2.8	206
101	Eye tracking in schizophrenia: Does the antisaccade task measure anything that the smooth pursuit task does not?. <i>Psychiatry Research</i> , 2005, 136, 181-188.	3.3	18
102	Dermatoglyphics and Schizophrenia: A meta-analysis and investigation of the impact of obstetric complications upon "b ridge count. <i>Schizophrenia Research</i> , 2005, 75, 399-404.	2.0	49
103	Normal cerebral asymmetry in familial and non-familial schizophrenic probands and their unaffected relatives. <i>Schizophrenia Research</i> , 2004, 67, 33-40.	2.0	20
104	Hippocampal volume in familial and nonfamilial schizophrenic probands and their unaffected relatives. <i>Biological Psychiatry</i> , 2003, 53, 562-570.	1.3	72
105	Brain volumes in familial and non-familial schizophrenic probands and their unaffected relatives. <i>American Journal of Medical Genetics Part A</i> , 2002, 114, 616-625.	2.4	104