

# Heather C Whalley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4552734/publications.pdf>

Version: 2024-02-01

228  
papers

19,829  
citations

17440

63  
h-index

15266

126  
g-index

288  
all docs

288  
docs citations

288  
times ranked

18797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , 2019, 22, 343-352.	14.8	1,589
2	Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Disorder Working Group. <i>Molecular Psychiatry</i> , 2017, 22, 900-909.	7.9	852
3	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. <i>Molecular Psychiatry</i> , 2016, 21, 806-812.	7.9	850
4	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2016, 21, 547-553.	7.9	820
5	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
6	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	1.3	627
7	Sex Differences in the Adult Human Brain: Evidence from 5216 UK Biobank Participants. <i>Cerebral Cortex</i> , 2018, 28, 2959-2975.	2.9	594
8	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 932-942.	7.9	558
9	Reduced frontotemporal functional connectivity in schizophrenia associated with auditory hallucinations. <i>Biological Psychiatry</i> , 2002, 51, 1008-1011.	1.3	532
10	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 1261-1269.	7.9	522
11	Brain charts for the human lifespan. <i>Nature</i> , 2022, 604, 525-533.	27.8	518
12	Subcortical volumetric abnormalities in bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1710-1716.	7.9	400
13	Magnetic resonance imaging of brain in people at high risk of developing schizophrenia. <i>Lancet, The</i> , 1999, 353, 30-33.	13.7	328
14	Structural disconnectivity in schizophrenia: a diffusion tensor magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2003, 182, 439-443.	2.8	320
15	A systematic review and meta-analysis of the fMRI investigation of autism spectrum disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 901-942.	6.1	308
16	Grey matter changes over time in high risk subjects developing schizophrenia. <i>NeuroImage</i> , 2005, 25, 1023-1030.	4.2	282
17	Brain structure, genetic liability, and psychotic symptoms in subjects at high risk of developing schizophrenia. <i>Biological Psychiatry</i> , 2001, 49, 811-823.	1.3	248
18	A neuregulin 1 variant associated with abnormal cortical function and psychotic symptoms. <i>Nature Neuroscience</i> , 2006, 9, 1477-1478.	14.8	226

#	ARTICLE	IF	CITATIONS
19	White matter disturbances in major depressive disorder: a coordinated analysis across 20 international cohorts in the ENIGMA MDD working group. <i>Molecular Psychiatry</i> , 2020, 25, 1511-1525.	7.9	218
20	Structural Gray Matter Differences between First-Episode Schizophrenics and Normal Controls Using Voxel-Based Morphometry. <i>NeuroImage</i> , 2002, 17, 880-889.	4.2	211
21	Deficits in facial, body movement and vocal emotional processing in autism spectrum disorders. <i>Psychological Medicine</i> , 2010, 40, 1919-1929.	4.5	205
22	Associations between vascular risk factors and brain MRI indices in UK Biobank. <i>European Heart Journal</i> , 2019, 40, 2290-2300.	2.2	204
23	Overactivation of Fear Systems to Neutral Faces in Schizophrenia. <i>Biological Psychiatry</i> , 2008, 64, 70-73.	1.3	172
24	Voxel-based morphometry of grey matter densities in subjects at high risk of schizophrenia. <i>Schizophrenia Research</i> , 2003, 64, 1-13.	2.0	167
25	Functional disconnectivity in subjects at high genetic risk of schizophrenia. <i>Brain</i> , 2005, 128, 2097-2108.	7.6	158
26	A visual joke fMRI investigation into Theory of Mind and enhanced risk of schizophrenia. <i>NeuroImage</i> , 2006, 31, 1850-1858.	4.2	149
27	Widespread white matter microstructural abnormalities in bipolar disorder: evidence from mega- and meta-analyses across 3033 individuals. <i>Neuropsychopharmacology</i> , 2019, 44, 2285-2293.	5.4	147
28	Epigenetic prediction of complex traits and death. <i>Genome Biology</i> , 2018, 19, 136.	8.8	146
29	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
30	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	7.9	136
31	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
32	fMRI correlates of state and trait effects in subjects at genetically enhanced risk of schizophrenia. <i>Brain</i> , 2003, 127, 478-490.	7.6	131
33	Structural disconnectivity in schizophrenia: a diffusion tensor magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2003, 182, 439-43.	2.8	126
34	Prefrontal cortical thinning links to negative symptoms in schizophrenia via the ENIGMA consortium. <i>Psychological Medicine</i> , 2018, 48, 82-94.	4.5	121
35	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	4.8	121
36	An epigenome-wide association study of sex-specific chronological ageing. <i>Genome Medicine</i> , 2020, 12, 1.	8.2	117

#	ARTICLE	IF	CITATIONS
37	Functional Magnetic Resonance Imaging (fMRI) reproducibility and variance components across visits and scanning sites with a finger tapping task. <i>NeuroImage</i> , 2010, 49, 552-560.	4.2	112
38	Polygenic Risk and White Matter Integrity in Individuals at High Risk of Mood Disorder. <i>Biological Psychiatry</i> , 2013, 74, 280-286.	1.3	110
39	Relationship of Catechol-O-Methyltransferase Variants to Brain Structure and Function in a Population at High Risk of Psychosis. <i>Biological Psychiatry</i> , 2007, 61, 1127-1134.	1.3	109
40	Genetic liability to schizophrenia or bipolar disorder and its relationship to brain structure. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 76-83.	1.7	107
41	Prefrontal Function and Activation in Bipolar Disorder and Schizophrenia. <i>American Journal of Psychiatry</i> , 2008, 165, 378-384.	7.2	107
42	Temporal lobe volume changes in people at high risk of schizophrenia with psychotic symptoms. <i>British Journal of Psychiatry</i> , 2002, 181, 138-143.	2.8	105
43	Longitudinal Volume Reductions in People at High Genetic Risk of Schizophrenia as They Develop Psychosis. <i>Biological Psychiatry</i> , 2011, 69, 953-958.	1.3	103
44	Abnormal cortical folding in high-risk individuals: a predictor of the development of schizophrenia?. <i>Biological Psychiatry</i> , 2004, 56, 182-189.	1.3	101
45	Midbrain Activation During Pavlovian Conditioning and Delusional Symptoms in Schizophrenia. <i>Archives of General Psychiatry</i> , 2010, 67, 1246.	12.3	98
46	Association of polygenic risk for major psychiatric illness with subcortical volumes and white matter integrity in UK Biobank. <i>Scientific Reports</i> , 2017, 7, 42140.	3.3	98
47	Genetic variation in <i>CNTNAP2</i> alters brain function during linguistic processing in healthy individuals. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 941-948.	1.7	96
48	Investigating the relationship between DNA methylation age acceleration and risk factors for Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 429-437.	2.4	93
49	Functional Imaging as a Predictor of Schizophrenia. <i>Biological Psychiatry</i> , 2006, 60, 454-462.	1.3	92
50	Cortical Thickness in Individuals at High Familial Risk of Mood Disorders as They Develop Major Depressive Disorder. <i>Biological Psychiatry</i> , 2015, 78, 58-66.	1.3	92
51	Subcortical volume and white matter integrity abnormalities in major depressive disorder: findings from UK Biobank imaging data. <i>Scientific Reports</i> , 2017, 7, 5547.	3.3	91
52	The influence of polygenic risk for bipolar disorder on neural activation assessed using fMRI. <i>Translational Psychiatry</i> , 2012, 2, e130-e130.	4.8	84
53	A meta-analysis of genome-wide association studies of epigenetic age acceleration. <i>PLoS Genetics</i> , 2019, 15, e1008104.	3.5	83
54	Functional imaging of emotional memory in bipolar disorder and schizophrenia. <i>Bipolar Disorders</i> , 2009, 11, 840-856.	1.9	81

#	ARTICLE	IF	CITATIONS
55	A phenome-wide association and Mendelian Randomisation study of polygenic risk for depression in UK Biobank. <i>Nature Communications</i> , 2020, 11, 2301.	12.8	81
56	Positive symptoms associate with cortical thinning in the superior temporal gyrus via the ENIGMA Schizophrenia consortium. <i>Acta Psychiatrica Scandinavica</i> , 2017, 135, 439-447.	4.5	80
57	Grey matter changes can improve the prediction of schizophrenia in subjects at high risk. <i>BMC Medicine</i> , 2006, 4, 29.	5.5	79
58	Impact of a microRNA MIR137 Susceptibility Variant on Brain Function in People at High Genetic Risk of Schizophrenia or Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2012, 37, 2720-2729.	5.4	79
59	Structural gray matter differences between first-episode schizophrenics and normal controls using voxel-based morphometry. <i>NeuroImage</i> , 2002, 17, 880-9.	4.2	77
60	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
61	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 4839-4852.	7.9	76
62	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€“years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
63	Cortical thickness in first-episode schizophrenia patients and individuals at high familial risk: A cross-sectional comparison. <i>Schizophrenia Research</i> , 2013, 151, 259-264.	2.0	69
64	Altered Amygdala Connectivity Within the Social Brain in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 152-160.	4.3	69
65	Neuropsychology, genetic liability, and psychotic symptoms in those at high risk of schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2003, 112, 38-48.	1.9	67
66	Epigenetic signatures of starting and stopping smoking. <i>EBioMedicine</i> , 2018, 37, 214-220.	6.1	67
67	The Association Between Familial Risk and Brain Abnormalities Is Disease Specific: An ENIGMA-Relatives Study of Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2019, 86, 545-556.	1.3	67
68	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the <sc>ENIGMA</sc> Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 56-82.	3.6	67
69	Structural and Functional Abnormalities of the Amygdala in Schizophrenia. <i>Annals of the New York Academy of Sciences</i> , 2003, 985, 445-460.	3.8	66
70	The Impact of Substance Use on Brain Structure in People at High Risk of Developing Schizophrenia. <i>Schizophrenia Bulletin</i> , 2011, 37, 1066-1076.	4.3	66
71	Review of functional magnetic resonance imaging studies comparing bipolar disorder and schizophrenia. <i>Bipolar Disorders</i> , 2012, 14, 411-431.	1.9	66
72	The effect of long-term high frequency repetitive transcranial magnetic stimulation on working memory in schizophrenia and healthy controlsâ€“A randomized placebo-controlled, double-blind fMRI study. <i>Behavioural Brain Research</i> , 2013, 237, 300-307.	2.2	64

#	ARTICLE	IF	CITATIONS
73	Impact of Polygenic Risk for Schizophrenia on Cortical Structure in UK Biobank. <i>Biological Psychiatry</i> , 2019, 86, 536-544.	1.3	62
74	The Neural Basis of Familial Risk and Temperamental Variation in Individuals at High Risk of Bipolar Disorder. <i>Biological Psychiatry</i> , 2011, 70, 343-349.	1.3	55
75	Hippocampal function in schizophrenia and bipolar disorder. <i>Psychological Medicine</i> , 2010, 40, 761-770.	4.5	54
76	White matter integrity as an intermediate phenotype: Exploratory genome-wide association analysis in individuals at high risk of bipolar disorder. <i>Psychiatry Research</i> , 2013, 206, 223-231.	3.3	54
77	Blunted medial prefrontal cortico-limbic reward-related effective connectivity and depression. <i>Brain</i> , 2020, 143, 1946-1956.	7.6	54
78	Structural magnetic resonance imaging markers of susceptibility and transition to schizophrenia: A review of familial and clinical high risk population studies. <i>Journal of Psychopharmacology</i> , 2015, 29, 144-154.	4.0	53
79	Structural brain correlates of serum and epigenetic markers of inflammation in major depressive disorder. <i>Brain, Behavior, and Immunity</i> , 2021, 92, 39-48.	4.1	53
80	Structural MRI of the brain in presumed carriers of genes for schizophrenia, their affected and unaffected siblings. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 72, 455-8.	1.9	51
81	Voxel-based morphometry of comorbid schizophrenia and learning disability: analyses in normalized and native spaces using parametric and nonparametric statistical methods. <i>NeuroImage</i> , 2004, 22, 188-202.	4.2	50
82	Genetic Variation in the DAOA (G72) Gene Modulates Hippocampal Function in Subjects at High Risk of Schizophrenia. <i>Biological Psychiatry</i> , 2008, 64, 428-433.	1.3	49
83	Empirical comparison of maximal voxel and non-isotropic adjusted cluster extent results in a voxel-based morphometry study of comorbid learning disability with schizophrenia. <i>NeuroImage</i> , 2005, 28, 544-552.	4.2	46
84	Association of white matter integrity with genetic variation in an exonic DISC1 SNP. <i>Molecular Psychiatry</i> , 2011, 16, 688-689.	7.9	46
85	Resting-State Connectivity and Its Association With Cognitive Performance, Educational Attainment, and Household Income in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 878-886.	1.5	46
86	The application of nonlinear Dynamic Causal Modelling for fMRI in subjects at high genetic risk of schizophrenia. <i>NeuroImage</i> , 2013, 73, 16-29.	4.2	45
87	A Genome-wide Association Analysis of a Broad Psychosis Phenotype Identifies Three Loci for Further Investigation. <i>Biological Psychiatry</i> , 2014, 75, 386-397.	1.3	44
88	Hippocampal, amygdala and nucleus accumbens volume in first-episode schizophrenia patients and individuals at high familial risk: A cross-sectional comparison. <i>Schizophrenia Research</i> , 2015, 165, 45-51.	2.0	44
89	Epigenetic prediction of major depressive disorder. <i>Molecular Psychiatry</i> , 2021, 26, 5112-5123.	7.9	44
90	DNA Methylation and Protein Markers of Chronic Inflammation and Their Associations With Brain and Cognitive Aging. <i>Neurology</i> , 2021, 97, e2340-e2352.	1.1	44

#	ARTICLE	IF	CITATIONS
91	Correlations between fMRI activation and individual psychotic symptoms in un-medicated subjects at high genetic risk of schizophrenia. <i>BMC Psychiatry</i> , 2007, 7, 61.	2.6	42
92	Effects of environmental risks and polygenic loading for schizophrenia on cortical thickness. <i>Schizophrenia Research</i> , 2017, 184, 128-136.	2.0	42
93	Event-related fMRI of word classification and successful word recognition in subjects at genetically enhanced risk of schizophrenia. <i>Psychological Medicine</i> , 2006, 36, 1427-1439.	4.5	41
94	Imaging Conditioned Fear Circuitry Using Awake Rodent fMRI. <i>PLoS ONE</i> , 2013, 8, e54197.	2.5	41
95	Balanced translocation linked to psychiatric disorder, glutamate, and cortical structure/function. <i>NPJ Schizophrenia</i> , 2016, 2, 16024.	3.6	41
96	In vivo hippocampal subfield volumes in bipolar disorder—A mega-analysis from The Enhancing Neuro Imaging Genetics through <sc>Meta-analysis</sc> Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 385-398.	3.6	41
97	Impact of cannabis use on thalamic volume in people at familial high risk of schizophrenia. <i>British Journal of Psychiatry</i> , 2011, 199, 386-390.	2.8	39
98	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. <i>American Journal of Psychiatry</i> , 2019, 176, 1039-1049.	7.2	39
99	Lower effective connectivity between amygdala and parietal regions in response to fearful faces in schizophrenia. <i>Schizophrenia Research</i> , 2012, 134, 118-124.	2.0	38
100	Medial temporal lobe function during emotional memory in early Alzheimer's disease, mild cognitive impairment and healthy ageing: an fMRI study. <i>BMC Psychiatry</i> , 2013, 13, 76.	2.6	38
101	Prospective multi-centre Voxel Based Morphometry study employing scanner specific segmentations: Procedure development using CaliBrain structural MRI data. <i>BMC Medical Imaging</i> , 2009, 9, 8.	2.7	37
102	Prediction of Depression in Individuals at High Familial Risk of Mood Disorders Using Functional Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013, 8, e57357.	2.5	37
103	A common neural system mediating two different forms of social judgement. <i>Psychological Medicine</i> , 2010, 40, 1183-1192.	4.5	36
104	Reversal of proliferation deficits caused by chromosome 16p13.11 microduplication through targeting NF- $\kappa$ B signaling: an integrated study of patient-derived neuronal precursor cells, cerebral organoids and in vivo brain imaging. <i>Molecular Psychiatry</i> , 2019, 24, 294-311.	7.9	36
105	Methodological issues in volumetric magnetic resonance imaging of the brain in the Edinburgh High Risk Project. <i>Psychiatry Research - Neuroimaging</i> , 1999, 91, 31-44.	1.8	35
106	Relationship Between Gyrfication and Functional Connectivity of the Prefrontal Cortex in Subjects at High Genetic Risk of Schizophrenia. <i>Current Pharmaceutical Design</i> , 2012, 18, 434-442.	1.9	35
107	Temporal lobe volume changes in people at high risk of schizophrenia with psychotic symptoms. <i>British Journal of Psychiatry</i> , 2002, 181, 138-143.	2.8	34
108	Polygenic risk score for schizophrenia and structural brain connectivity in older age: A longitudinal connectome and tractography study. <i>NeuroImage</i> , 2018, 183, 884-896.	4.2	34

#	ARTICLE	IF	CITATIONS
109	Cortical Surface Area Differentiates Familial High Risk Individuals Who Go on to Develop Schizophrenia. <i>Biological Psychiatry</i> , 2015, 78, 413-420.	1.3	33
110	Dissociation of Brain Activation in Autism and Schizotypal Personality Disorder During Social Judgments. <i>Schizophrenia Bulletin</i> , 2017, 43, 1220-1228.	4.3	33
111	Cognitive biases predict symptoms of depression, anxiety and wellbeing above and beyond neuroticism in adolescence. <i>Journal of Affective Disorders</i> , 2018, 241, 446-453.	4.1	33
112	Computational Neuropsychiatry – Schizophrenia as a Cognitive Brain Network Disorder. <i>Frontiers in Psychiatry</i> , 2014, 5, 30.	2.6	32
113	White matter integrity and its association with affective and interpersonal symptoms in borderline personality disorder. <i>NeuroImage: Clinical</i> , 2015, 7, 476-481.	2.7	32
114	The neurobiological underpinnings of risk and conversion in relatives of patients with schizophrenia. <i>International Review of Psychiatry</i> , 2007, 19, 383-397.	2.8	31
115	Dysfunction of emotional brain systems in individuals at high risk of mood disorder with depression and predictive features prior to illness. <i>Psychological Medicine</i> , 2015, 45, 1207-1218.	4.5	31
116	White Matter Microstructure and Its Relation to Longitudinal Measures of Depressive Symptoms in Mid- and Late Life. <i>Biological Psychiatry</i> , 2019, 86, 759-768.	1.3	31
117	Brain structural correlates of insomnia severity in 1053 individuals with major depressive disorder: results from the ENIGMA MDD Working Group. <i>Translational Psychiatry</i> , 2020, 10, 425.	4.8	31
118	An automated machine learning approach to predict brain age from cortical anatomical measures. <i>Human Brain Mapping</i> , 2020, 41, 3555-3566.	3.6	29
119	Three major dimensions of human brain cortical ageing in relation to cognitive decline across the eighth decade of life. <i>Molecular Psychiatry</i> , 2021, 26, 2651-2662.	7.9	29
120	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	1.3	29
121	Effects of the BDNF Val66Met polymorphism on neural responses to facial emotion. <i>Psychiatry Research - Neuroimaging</i> , 2011, 191, 182-188.	1.8	28
122	Between- and within-scanner variability in the CaliBrain study n-back cognitive task. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 86-95.	1.8	27
123	Impact of cross-disorder polygenic risk on frontal brain activation with specific effect of schizophrenia risk. <i>Schizophrenia Research</i> , 2015, 161, 484-489.	2.0	27
124	Automated classification of depression from structural brain measures across two independent community-based cohorts. <i>Human Brain Mapping</i> , 2020, 41, 3922-3937.	3.6	27
125	Cohort profile for the STRatifying Resilience and Depression Longitudinally (STRADL) study: A depression-focused investigation of Generation Scotland, using detailed clinical, cognitive, and neuroimaging assessments. <i>Wellcome Open Research</i> , 2019, 4, 185.	1.8	27
126	Prospective longitudinal voxel-based morphometry study of major depressive disorder in young individuals at high familial risk. <i>Psychological Medicine</i> , 2016, 46, 2351-2361.	4.5	26



#	ARTICLE	IF	CITATIONS
127	Central and non-central networks, cognition, clinical symptoms, and polygenic risk scores in schizophrenia. <i>Human Brain Mapping</i> , 2017, 38, 5919-5930.	3.6	26
128	Accuracy and reproducibility of simple cross-sectional linear and area measurements of brain structures and their comparison with volume measurements. <i>Neuroradiology</i> , 2001, 43, 263-271.	2.2	25
129	An examination of the language construct in NIMH's research domain criteria: Time for reconceptualization!. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 904-919.	1.7	25
130	Deactivation in anterior cingulate cortex during facial processing in young individuals with high familial risk and early development of depression: fMRI findings from the Scottish Bipolar Family Study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 1277-1286.	5.2	25
131	Dissection of major depressive disorder using polygenic risk scores for schizophrenia in two independent cohorts. <i>Translational Psychiatry</i> , 2016, 6, e938-e938.	4.8	25
132	Effect of Operating Surgeon on Outcome of Arteriovenous Fistula Formation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2008, 35, 614-618.	1.5	24
133	Functional magnetic resonance imaging of BDNF val66met polymorphism in unmedicated subjects at high genetic risk of schizophrenia performing a verbal memory task. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 195-201.	1.8	24
134	The effects of DISC1 risk variants on brain activation in controls, patients with bipolar disorder and patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 20-28.	1.8	24
135	Neurocognition in individuals at high familial risk of mood disorders with or without subsequent onset of depression. <i>Psychological Medicine</i> , 2015, 45, 3317-3327.	4.5	24
136	Longitudinal differences in white matter integrity in youth at high familial risk for bipolar disorder. <i>Bipolar Disorders</i> , 2017, 19, 158-167.	1.9	24
137	Predicting major mental illness: ethical and practical considerations. <i>BJPsych Open</i> , 2019, 5, e30.	0.7	24
138	fMRI changes over time and reproducibility in unmedicated subjects at high genetic risk of schizophrenia. <i>Psychological Medicine</i> , 2009, 39, 1189.	4.5	23
139	DNA methylation in a Scottish family multiply affected by bipolar disorder and major depressive disorder. <i>Clinical Epigenetics</i> , 2016, 8, 5.	4.1	23
140	Prospective longitudinal study of subcortical brain volumes in individuals at high familial risk of mood disorders with or without subsequent onset of depression. <i>Psychiatry Research - Neuroimaging</i> , 2016, 248, 119-125.	1.8	22
141	Psychotic-like experiences, polygenic risk scores for schizophrenia, and structural properties of the salience, default mode, and central-executive networks in healthy participants from UK Biobank. <i>Translational Psychiatry</i> , 2020, 10, 122.	4.8	22
142	Effects of a Balanced Translocation between Chromosomes 1 and 11 Disrupting the DISC1 Locus on White Matter Integrity. <i>PLoS ONE</i> , 2015, 10, e0130900.	2.5	21
143	Longitudinal changes in hippocampal volume in the Edinburgh High Risk Study of Schizophrenia. <i>Schizophrenia Research</i> , 2016, 173, 146-151.	2.0	21
144	Diffusion tensor imaging correlates of early markers of depression in youth at high familial risk for bipolar disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 917-927.	5.2	21

#	ARTICLE	IF	CITATIONS
145	Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD. <i>EBioMedicine</i> , 2019, 43, 576-586.	6.1	21
146	Early life predictors of late life cerebral small vessel disease in four prospective cohort studies. <i>Brain</i> , 2021, 144, 3769-3778.	7.6	21
147	Neural Correlates of Enhanced Genetic Risk for Schizophrenia. <i>Neuroscientist</i> , 2005, 11, 238-249.	3.5	20
148	The role of brain-derived neurotrophic factor in learned fear processing: an awake rat <scp>fMRI</scp> study. <i>Genes, Brain and Behavior</i> , 2016, 15, 221-230.	2.2	20
149	Information processing speed mediates the relationship between white matter and general intelligence in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016, 254, 26-33.	1.8	20
150	Polygenic risk for schizophrenia, transition and cortical gyrification: a high-risk study. <i>Psychological Medicine</i> , 2018, 48, 1532-1539.	4.5	19
151	Glutamate and functional connectivity - support for the excitatory-inhibitory imbalance hypothesis in autism spectrum disorders. <i>Psychiatry Research - Neuroimaging</i> , 2021, 313, 111302.	1.8	19
152	Associations between alcohol use and accelerated biological ageing. <i>Addiction Biology</i> , 2022, 27, e13100.	2.6	19
153	Grey and white matter associations of psychotic-like experiences in a general population sample (UK) Tj ETQq1 1 0.784314 rgBT /Ove 4.8 18	4.8	18
154	Epigenome-wide association study of alcohol consumption in N=8161 individuals and relevance to alcohol use disorder pathophysiology: identification of the cystine/glutamate transporter SLC7A11 as a top target. <i>Molecular Psychiatry</i> , 2022, 27, 1754-1764.	7.9	18
155	Hypofrontality in subjects at high genetic risk of schizophrenia with depressive symptoms. <i>Journal of Affective Disorders</i> , 2008, 109, 99-106.	4.1	17
156	Effect of Variation in Diacylglycerol Kinase Eta (DGKH) Gene on Brain Function in a Cohort at Familial Risk of Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2012, 37, 919-928.	5.4	17
157	Preliminary assessment of pre-morbid DNA methylation in individuals at high genetic risk of mood disorders. <i>Bipolar Disorders</i> , 2016, 18, 410-422.	1.9	17
158	Negative symptoms and longitudinal grey matter tissue loss in adolescents at risk of psychosis: Preliminary findings from a 6-year follow-up study. <i>British Journal of Psychiatry</i> , 2016, 208, 565-570.	2.8	17
159	The Neurobiology of Personal Control During Reward Learning and Its Relationship to Mood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 190-199.	1.5	17
160	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 91-100.	1.5	16
161	Structural Gray Matter Differences between First-Episode Schizophrenics and Normal Controls Using Voxel-Based Morphometry. <i>NeuroImage</i> , 2002, 17, 880-889.	4.2	16
162	Social Cognition, the Male Brain and the Autism Spectrum. <i>PLoS ONE</i> , 2012, 7, e49033.	2.5	16

#	ARTICLE	IF	CITATIONS
163	Brain structural associations with depression in a large early adolescent sample (the ABCD study <sup>®</sup> ). <i>EClinicalMedicine</i> , 2021, 42, 101204.	7.1	16
164	DNA methylome-wide association study of genetic risk for depression implicates antigen processing and immune responses. <i>Genome Medicine</i> , 2022, 14, 36.	8.2	16
165	Neuroinflammation in HIV-associated depression: evidence and future perspectives. <i>Molecular Psychiatry</i> , 2022, 27, 3619-3632.	7.9	16
166	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019, 10, 425.	2.4	15
167	Brain structure change and psychopathology in subjects at high risk of schizophrenia. <i>Schizophrenia Research</i> , 2000, 41, 11.	2.0	14
168	A MRI study of ocular hypertelorism in individuals at high risk of developing schizophrenia. <i>Schizophrenia Research</i> , 2001, 50, 1-2.	2.0	14
169	A GRIK4 variant conferring protection against bipolar disorder modulates hippocampal function. <i>Molecular Psychiatry</i> , 2009, 14, 467-468.	7.9	14
170	Effects of a missense DISC1 variant on brain activation in two cohorts at high risk of bipolar disorder or schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 343-353.	1.7	14
171	The role of neuroticism in self-harm and suicidal ideation: results from two UK population-based cohorts. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2019, 54, 1505-1518.	3.1	14
172	Intelligence, educational attainment, and brain structure in those at familial high risk for schizophrenia or bipolar disorder. <i>Human Brain Mapping</i> , 2022, 43, 414-430.	3.6	14
173	Stratifying major depressive disorder by polygenic risk for schizophrenia in relation to structural brain measures. <i>Psychological Medicine</i> , 2020, 50, 1653-1662.	4.5	13
174	Cognitive functioning and lifetime major depressive disorder in UK Biobank. <i>European Psychiatry</i> , 2020, 63, e28.	0.2	13
175	Hair glucocorticoids are associated with childhood adversity, depressive symptoms and reduced global and lobar grey matter in Generation Scotland. <i>Translational Psychiatry</i> , 2021, 11, 523.	4.8	13
176	Connecting the Brain and New Drug Targets for Schizophrenia. <i>Current Pharmaceutical Design</i> , 2009, 15, 2615-2631.	1.9	12
177	Effects of the BDNF val66met polymorphism on prefrontal brain function in a population at high genetic risk of schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 1474-1482.	1.7	12
178	Cohort profile for the STRatifying Resilience and Depression Longitudinally (STRADL) study: A depression-focused investigation of Generation Scotland, using detailed clinical, cognitive, and neuroimaging assessments. <i>Wellcome Open Research</i> , 0, 4, 185.	1.8	12
179	Age-related functional brain changes in FMR1 premutation carriers. <i>NeuroImage: Clinical</i> , 2018, 17, 761-767.	2.7	11
180	Are working memory and glutamate concentrations involved in early life stress and severity of psychosis?. <i>Brain and Behavior</i> , 2020, 10, e01616.	2.2	11

#	ARTICLE	IF	CITATIONS
181	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	1.3	11
182	Methylome-wide association study of antidepressant use in Generation Scotland and the Netherlands Twin Register implicates the innate immune system. <i>Molecular Psychiatry</i> , 2022, 27, 1647-1657.	7.9	10
183	DORSALLY DISPLACED FRACTURES OF THE DISTAL RADIUS – A STUDY OF PREFERRED TREATMENT OPTIONS AMONG UK TRAUMA AND ORTHOPAEDIC SURGEONS. <i>Hand Surgery</i> , 2010, 15, 185-191.	0.6	9
184	Childhood adversity and hippocampal and amygdala volumes in a population at familial high risk of schizophrenia. <i>Schizophrenia Research</i> , 2016, 175, 42-47.	2.0	9
185	Childhood adversity and cortical thickness and surface area in a population at familial high risk of schizophrenia. <i>Psychological Medicine</i> , 2016, 46, 891-896.	4.5	9
186	The use of brain functional magnetic resonance imaging to determine the mechanism of action of gabapentin in managing chronic pelvic pain in women: a pilot study. <i>BMJ Open</i> , 2019, 9, e026152.	1.9	9
187	Associations between major psychiatric disorder polygenic risk scores and blood-based markers in UK biobank. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 32-41.	4.1	9
188	Expression quantitative trait loci-derived scores and white matter microstructure in UK Biobank: a novel approach to integrating genetics and neuroimaging. <i>Translational Psychiatry</i> , 2020, 10, 55.	4.8	8
189	Structural disconnectivity in schizophrenia: a diffusion tensor magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2003, 182, 439-443.	2.8	8
190	Reduced white matter integrity in healthy individuals carrying the A-allele at DISC1 Ser704Cys. <i>Molecular Psychiatry</i> , 2011, 16, 685-685.	7.9	7
191	Progress in imaging the effects of psychosis susceptibility gene variants. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 37-47.	2.8	7
192	Structural neuroimaging measures and lifetime depression across levels of phenotyping in UK biobank. <i>Translational Psychiatry</i> , 2022, 12, 157.	4.8	7
193	Longitudinal trajectories of brain age in young individuals at familial risk of mood disorder from the Scottish Bipolar Family Study. <i>Wellcome Open Research</i> , 0, 4, 206.	1.8	6
194	The nosological status of unipolar mania and hypomania within UK Biobank according to objective and subjective measures of diurnal rest and activity. <i>Bipolar Disorders</i> , 2022, 24, 726-738.	1.9	6
195	Range of motion of the metacarpophalangeal joint in rheumatoid patients, with and without a flexible joint replacement prosthesis, compared with normal subjects. <i>Clinical Biomechanics</i> , 2012, 27, 449-452.	1.2	5
196	Response to Dr Fried & Dr Kievit, and Dr Malhi et al.. <i>Molecular Psychiatry</i> , 2016, 21, 726-728.	7.9	5
197	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. <i>Biological Psychiatry</i> , 2019, 85, e35-e39.	1.3	5
198	Aberrant structural covariance networks in youth at high familial risk for mood disorder. <i>Bipolar Disorders</i> , 2020, 22, 155-162.	1.9	5

#	ARTICLE	IF	CITATIONS
199	Spectral clustering based on structural magnetic resonance imaging and its relationship with major depressive disorder and cognitive ability. <i>European Journal of Neuroscience</i> , 2021, 54, 6281-6303.	2.6	5
200	Salt and hypertension: consensus or controversy?. <i>Lancet, The</i> , 1997, 350, 1686.	13.7	4
201	Parcelating the temporal lobes from magnetic resonance images using generic software in subjects at high risk of developing schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2006, 147, 197-212.	1.8	4
202	Modulation of hippocampal activation by genetic variation in the GRIK4 gene. <i>Molecular Psychiatry</i> , 2009, 14, 465-465.	7.9	4
203	Decreased functional brain response to emotional arousal and increased psychiatric symptomology in FMR1 premutation carriers. <i>Psychiatry Research - Neuroimaging</i> , 2019, 285, 9-17.	1.8	4
204	Pipeline comparisons of convolutional neural networks for structural connectomes: predicting sex across 3,152 participants. , 2020, 2020, 1692-1695.		4
205	Identification of plasma proteins relating to brain neurodegeneration and vascular pathology in cognitively normal individuals. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12240.	2.4	4
206	White matter, cognition and psychotic-like experiences in UK Biobank. <i>Psychological Medicine</i> , 2023, 53, 2370-2379.	4.5	4
207	Complex trait methylation scores in the prediction of major depressive disorder. <i>EBioMedicine</i> , 2022, 79, 104000.	6.1	4
208	Accelerated Global and Local Brain Aging Differentiate Cognitively Impaired From Cognitively Spared Patients With Schizophrenia. <i>Frontiers in Psychiatry</i> , 0, 13, .	2.6	4
209	Sexual dimorphism in the relationship between brain complexity, volume and general intelligence (g): a cross-cohort study. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
210	The directional effects of passive eye movement on the directional visual responses of single units in the pigeon optic tectum. <i>Experimental Brain Research</i> , 1997, 116, 510-518.	1.5	3
211	Longitudinal trajectories of brain age in young individuals at familial risk of mood disorder. <i>Wellcome Open Research</i> , 2019, 4, 206.	1.8	3
212	Epigenome-wide association study of global cortical volumes in generation Scotland: Scottish family health study. <i>Epigenetics</i> , 2022, 17, 1143-1158.	2.7	3
213	Brainstem processing of peripheral punctate stimuli in patients with and without chemotherapy-induced peripheral neuropathy: a prospective cohort functional MRI study. <i>Lancet, The</i> , 2016, 387, S15.	13.7	2
214	393. Reduced Inhibitory Influence of Insula Cortex upon the Limbic System in Individuals at High Familial Risk of Mood Disorder with Depression. <i>Biological Psychiatry</i> , 2017, 81, S160-S161.	1.3	2
215	Structural imaging in subjects at high risk for schizophrenia. <i>Schizophrenia Research</i> , 1998, 29, 75.	2.0	1
216	783. Neurobiological Findings from a Ten-Year Prospective Longitudinal Study of Mood Disorder. <i>Biological Psychiatry</i> , 2017, 81, S318.	1.3	1

#	ARTICLE	IF	CITATIONS
217	Genetic liability, brain structure and symptoms of schizophrenia. , 2004, , 161-181.		1
218	Gabapentin to reduce pain in women aged between 18 and 50 years with chronic pelvic pain: the GaPP2 RCT. Efficacy and Mechanism Evaluation, 2020, 7, 1-60.	0.7	1
219	A functional MRI facial emotion-processing study of autism in individuals with special educational needs.. Psychiatry Research - Neuroimaging, 2022, 320, 111426.	1.8	1
220	Radar Observation of Heavy Rain. Nature, 1949, 163, 372-372.	27.8	0
221	Cerebral asymmetry and treatment response in schizophrenia. Schizophrenia Research, 1998, 29, 70.	2.0	0
222	Functional MRI of a verbal memory encoding and retrieval task in subjects at high risk of schizophrenia: Preliminary results. NeuroImage, 2001, 13, 1049.	4.2	0
223	CRISPR/Cas-9-mediated targeting of TP53 and MYC to investigate antimitotic mode of action. European Journal of Cancer, 2016, 61, S24.	2.8	0
224	437. Modeling Schizophrenia in Human Induced Pluripotent Stem Cells (hiPSCs): Phenotypic Differences in Patients with Mutations in NDE1. Biological Psychiatry, 2017, 81, S178-S179.	1.3	0
225	42. Epigenetic Age Acceleration in Depression. Biological Psychiatry, 2018, 83, S17.	1.3	0
226	248. Neuroimaging Biomarkers Predicting Disorder in Those at High Familial Risk of Schizophrenia or Bipolar Disorder. Biological Psychiatry, 2018, 83, S100.	1.3	0
227	Familial high risk and high-risk studies. , 2020, , 101-117.		0
228	Identification and validation of plasma proteome signatures associated with MRI measurements in healthy individuals. Alzheimer's and Dementia, 2021, 17, .	0.8	0