

Andrew M McIntosh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

580
papers

49,785
citations

97
h-index

213
g-index

700
ext. papers

66,322
ext. citations

9.5
avg, IF

8.18
L-index

#	Paper	IF	Citations
580	Biological insights from 108 schizophrenia-associated genetic loci. <i>Nature</i> , 2014 , 511, 421-7	50.4	5249
579	LD Score regression distinguishes confounding from polygenicity in genome-wide association studies. <i>Nature Genetics</i> , 2015 , 47, 291-5	36.3	2096
578	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013 , 45, 984-94	36.3	1628
577	Genome-wide association study identifies five new schizophrenia loci. <i>Nature Genetics</i> , 2011 , 43, 969-76	36.3	1508
576	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018 , 50, 668-681	36.3	1301
575	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013 , 45, 1150-9	36.3	1153
574	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. <i>Nature Genetics</i> , 2011 , 43, 977-83	36.3	1094
573	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013 , 18, 497-511	15.1	853
572	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. <i>Nature Genetics</i> , 2018 , 50, 381-389	36.3	787
571	The UK10K project identifies rare variants in health and disease. <i>Nature</i> , 2015 , 526, 82-90	50.4	776
570	Identification of common genetic risk variants for autism spectrum disorder. <i>Nature Genetics</i> , 2019 , 51, 431-444	36.3	746
569	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
568	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019 , 51, 793-803	36.3	662
567	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015 , 97, 576-92	11	649
566	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	25.5	639
565	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
564	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. <i>Molecular Psychiatry</i> , 2016 , 21, 806-12	15.1	589

563	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. <i>Nature Neuroscience</i> , 2015 , 18, 199-209	25.5	572
562	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014 , 8, 153-82	4.1	539
561	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017 , 49, 27-35	36.3	530
560	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2016 , 21, 547-53	15.1	525
559	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	15.1	514
558	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
557	Partitioning heritability of regulatory and cell-type-specific variants across 11 common diseases. <i>American Journal of Human Genetics</i> , 2014 , 95, 535-52	11	411
556	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019 , 179, 1469-1482.e11	56.2	402
555	Are there progressive brain changes in schizophrenia? A meta-analysis of structural magnetic resonance imaging studies. <i>Biological Psychiatry</i> , 2011 , 70, 88-96	7.9	366
554	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018 , 173, 1705-1715.e16	56.2	360
553	Magnetic resonance imaging studies in unipolar depression: systematic review and meta-regression analyses. <i>European Neuropsychopharmacology</i> , 2012 , 22, 1-16	1.2	360
552	Magnetic resonance imaging studies in bipolar disorder and schizophrenia: meta-analysis. <i>British Journal of Psychiatry</i> , 2009 , 195, 194-201	5.4	345
551	Towards a neuroanatomy of autism: a systematic review and meta-analysis of structural magnetic resonance imaging studies. <i>European Psychiatry</i> , 2008 , 23, 289-99	6	342
550	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	15.1	340
549	The functional neuroanatomy of bipolar disorder: a consensus model. <i>Bipolar Disorders</i> , 2012 , 14, 313-253.8	338	
548	Sex Differences in the Adult Human Brain: Evidence from 5216 UK Biobank Participants. <i>Cerebral Cortex</i> , 2018 , 28, 2959-2975	5.1	335
547	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	7.9	325
546	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	15.1	324

545	Cannabis as a risk factor for psychosis: systematic review. <i>Journal of Psychopharmacology</i> , 2005 , 19, 187-246	246	313
544	Common and distinct patterns of grey-matter volume alteration in major depression and bipolar disorder: evidence from voxel-based meta-analysis. <i>Molecular Psychiatry</i> , 2017 , 22, 1455-1463	15.1	284
543	Rare loss-of-function variants in SETD1A are associated with schizophrenia and developmental disorders. <i>Nature Neuroscience</i> , 2016 , 19, 571-7	25.5	284
542	Subcortical volumetric abnormalities in bipolar disorder. <i>Molecular Psychiatry</i> , 2016 , 21, 1710-1716	15.1	283
541	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: a pilot project of the ENIGMA-DTI working group. <i>NeuroImage</i> , 2013 , 81, 455-469	7.9	278
540	Shared genetic aetiology between cognitive functions and physical and mental health in UK Biobank (N=112 151) and 24 GWAS consortia. <i>Molecular Psychiatry</i> , 2016 , 21, 1624-1632	15.1	257
539	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018 , 21, 1656-1669	25.5	257
538	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
537	Progressive gray matter loss in patients with bipolar disorder. <i>Biological Psychiatry</i> , 2007 , 62, 894-900	7.9	239
536	Structural magnetic resonance imaging in bipolar disorder: an international collaborative mega-analysis of individual adult patient data. <i>Biological Psychiatry</i> , 2011 , 69, 326-35	7.9	235
535	Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. <i>Nature Communications</i> , 2018 , 9, 1470	17.4	226
534	Genome-wide association study of alcohol consumption and genetic overlap with other health-related traits in UK Biobank (N=112 117). <i>Molecular Psychiatry</i> , 2017 , 22, 1376-1384	15.1	225
533	White matter abnormalities in bipolar disorder and schizophrenia detected using diffusion tensor magnetic resonance imaging. <i>Bipolar Disorders</i> , 2009 , 11, 11-8	3.8	222
532	Genome-wide association study of cognitive functions and educational attainment in UK Biobank (N=112 151). <i>Molecular Psychiatry</i> , 2016 , 21, 758-67	15.1	221
531	Grey matter differences in bipolar disorder: a meta-analysis of voxel-based morphometry studies. <i>Bipolar Disorders</i> , 2012 , 14, 135-45	3.8	216
530	White matter tractography in bipolar disorder and schizophrenia. <i>Biological Psychiatry</i> , 2008 , 64, 1088-92	7.9	212
529	Genomic structural equation modelling provides insights into the multivariate genetic architecture of complex traits. <i>Nature Human Behaviour</i> , 2019 , 3, 513-525	12.8	209
528	A neuregulin 1 variant associated with abnormal cortical function and psychotic symptoms. <i>Nature Neuroscience</i> , 2006 , 9, 1477-8	25.5	208

527	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <i>Nature Genetics</i> , 2018 , 50, 6-11	36.3	202
526	Improved imputation of low-frequency and rare variants using the UK10K haplotype reference panel. <i>Nature Communications</i> , 2015 , 6, 8111	17.4	186
525	Genome-wide analysis of over 106 000 individuals identifies 9 neuroticism-associated loci. <i>Molecular Psychiatry</i> , 2016 , 21, 749-57	15.1	175
524	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
523	Identification of pathways for bipolar disorder: a meta-analysis. <i>JAMA Psychiatry</i> , 2014 , 71, 657-64	14.5	172
522	The effects of a neuregulin 1 variant on white matter density and integrity. <i>Molecular Psychiatry</i> , 2008 , 13, 1054-9	15.1	170
521	Common and distinct neural correlates of emotional processing in Bipolar Disorder and Major Depressive Disorder: a voxel-based meta-analysis of functional magnetic resonance imaging studies. <i>European Neuropsychopharmacology</i> , 2012 , 22, 100-13	1.2	166
520	Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults: A 2-Sample Mendelian Randomization Study. <i>JAMA Psychiatry</i> , 2019 , 76, 399-408	14.5	165
519	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016 , 19, 420-431	25.5	163
518	Joint analysis of psychiatric disorders increases accuracy of risk prediction for schizophrenia, bipolar disorder, and major depressive disorder. <i>American Journal of Human Genetics</i> , 2015 , 96, 283-94	11	161
517	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015 , 111, 300-11	7.9	159
516	Genome-Wide Association Study Meta-Analysis of the Alcohol Use Disorders Identification Test (AUDIT) in Two Population-Based Cohorts. <i>American Journal of Psychiatry</i> , 2019 , 176, 107-118	11.9	156
515	Overactivation of fear systems to neutral faces in schizophrenia. <i>Biological Psychiatry</i> , 2008 , 64, 70-3	7.9	155
514	Brain structure and function changes during the development of schizophrenia: the evidence from studies of subjects at increased genetic risk. <i>Schizophrenia Bulletin</i> , 2008 , 34, 330-40	1.3	148
513	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
512	Voxel-based morphometry of patients with schizophrenia or bipolar disorder and their unaffected relatives. <i>Biological Psychiatry</i> , 2004 , 56, 544-52	7.9	146
511	A combined analysis of genetically correlated traits identifies 187 loci and a role for neurogenesis and myelination in intelligence. <i>Molecular Psychiatry</i> , 2019 , 24, 169-181	15.1	138
510	A visual joke fMRI investigation into Theory of Mind and enhanced risk of schizophrenia. <i>NeuroImage</i> , 2006 , 31, 1850-8	7.9	134

509	The contribution of rare variants to risk of schizophrenia in individuals with and without intellectual disability. <i>Nature Genetics</i> , 2017 , 49, 1167-1173	36.3	132
508	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2017 , 81, 325-335	7.9	129
507	Molecular Genetic Contributions to Social Deprivation and Household Income in UK Biobank. <i>Current Biology</i> , 2016 , 26, 3083-3089	6.3	126
506	Neuropsychological impairments in people with schizophrenia or bipolar disorder and their unaffected relatives. <i>British Journal of Psychiatry</i> , 2005 , 186, 378-85	5.4	123
505	Mental health before and during the COVID-19 pandemic in two longitudinal UK population cohorts. <i>British Journal of Psychiatry</i> , 2020 , 1-10	5.4	123
504	Identification of polymorphic and off-target probe binding sites on the Illumina Infinium MethylationEPIC BeadChip. <i>Genomics Data</i> , 2016 , 9, 22-4		120
503	Meta-analysis of magnetic resonance imaging studies of the corpus callosum in schizophrenia. <i>Schizophrenia Research</i> , 2008 , 101, 124-32	3.6	119
502	Computational meta-analysis of statistical parametric maps in major depression. <i>Human Brain Mapping</i> , 2016 , 37, 1393-404	5.9	117
501	A major role for common genetic variation in anxiety disorders. <i>Molecular Psychiatry</i> , 2020 , 25, 3292-3303	5.1	114
500	Transcranial magnetic stimulation for auditory hallucinations in schizophrenia. <i>Psychiatry Research</i> , 2004 , 127, 9-17	9.9	110
499	Genetic Association of Major Depression With Atypical Features and Obesity-Related Immunometabolic Dysregulations. <i>JAMA Psychiatry</i> , 2017 , 74, 1214-1225	14.5	109
498	White matter integrity in individuals at high genetic risk of bipolar disorder. <i>Biological Psychiatry</i> , 2011 , 70, 350-6	7.9	109
497	Meta-analysis of magnetic resonance imaging studies of the corpus callosum in bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 2008 , 118, 357-62	6.5	107
496	Pleiotropy between neuroticism and physical and mental health: findings from 108 038 men and women in UK Biobank. <i>Translational Psychiatry</i> , 2016 , 6, e791	8.6	105
495	Ultra-Rare Genetic Variation in the Epilepsies: A Whole-Exome Sequencing Study of 17,606 Individuals. <i>American Journal of Human Genetics</i> , 2019 , 105, 267-282	11	104
494	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, 1127-34	7.9	102
493	Common polygenic risk for autism spectrum disorder (ASD) is associated with cognitive ability in the general population. <i>Molecular Psychiatry</i> , 2016 , 21, 419-25	15.1	101
492	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. <i>Translational Psychiatry</i> , 2017 , 7, e1155	8.6	100

491	Functional Magnetic Resonance Imaging (fMRI) reproducibility and variance components across visits and scanning sites with a finger tapping task. <i>NeuroImage</i> , 2010 , 49, 552-60	7.9	100
490	Gene expression imputation across multiple brain regions provides insights into schizophrenia risk. <i>Nature Genetics</i> , 2019 , 51, 659-674	36.3	99
489	Polygenic risk for schizophrenia is associated with cognitive change between childhood and old age. <i>Biological Psychiatry</i> , 2013 , 73, 938-43	7.9	99
488	Influence of intracerebral hemorrhage location on incidence, characteristics, and outcome: population-based study. <i>Stroke</i> , 2015 , 46, 361-8	6.7	98
487	Associations between vascular risk factors and brain MRI indices in UK Biobank. <i>European Heart Journal</i> , 2019 , 40, 2290-2300	9.5	97
486	Increased prefrontal gyrification in a large high-risk cohort characterizes those who develop schizophrenia and reflects abnormal prefrontal development. <i>Biological Psychiatry</i> , 2007 , 62, 722-9	7.9	97
485	Genomic analysis of family data reveals additional genetic effects on intelligence and personality. <i>Molecular Psychiatry</i> , 2018 , 23, 2347-2362	15.1	96
484	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. <i>NeuroImage</i> , 2014 , 95, 136-50	7.9	95
483	Cognitive Test Scores in UK Biobank: Data Reduction in 480,416 Participants and Longitudinal Stability in 20,346 Participants. <i>PLoS ONE</i> , 2016 , 11, e0154222	3.7	95
482	Polygenic risk and white matter integrity in individuals at high risk of mood disorder. <i>Biological Psychiatry</i> , 2013 , 74, 280-6	7.9	94
481	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	3.5	92
480	Runs of homozygosity implicate autozygosity as a schizophrenia risk factor. <i>PLoS Genetics</i> , 2012 , 8, e1002656	7.9	91
479	Longitudinal volume reductions in people at high genetic risk of schizophrenia as they develop psychosis. <i>Biological Psychiatry</i> , 2011 , 69, 953-8	7.9	90
478	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	15.1	89
477	Prefrontal function and activation in bipolar disorder and schizophrenia. <i>American Journal of Psychiatry</i> , 2008 , 165, 378-84	11.9	88
476	Genetic schizophrenia risk variants jointly modulate total brain and white matter volume. <i>Biological Psychiatry</i> , 2013 , 73, 525-31	7.9	87
475	A diffusion tensor MRI study of white matter integrity in subjects at high genetic risk of schizophrenia. <i>Schizophrenia Research</i> , 2008 , 106, 132-9	3.6	87
474	White matter density in patients with schizophrenia, bipolar disorder and their unaffected relatives. <i>Biological Psychiatry</i> , 2005 , 58, 254-7	7.9	87

473	Structural abnormalities of ventrolateral and orbitofrontal cortex in patients with familial bipolar disorder. <i>Bipolar Disorders</i> , 2009 , 11, 135-44	3.8	86
472	Exploration of haplotype research consortium imputation for genome-wide association studies in 20,032 Generation Scotland participants. <i>Genome Medicine</i> , 2017 , 9, 23	14.4	85
471	Genetic correlation between amyotrophic lateral sclerosis and schizophrenia. <i>Nature Communications</i> , 2017 , 8, 14774	17.4	85
470	Functional imaging as a predictor of schizophrenia. <i>Biological Psychiatry</i> , 2006 , 60, 454-62	7.9	85
469	Midbrain activation during Pavlovian conditioning and delusional symptoms in schizophrenia. <i>Archives of General Psychiatry</i> , 2010 , 67, 1246-54		84
468	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021 , 53, 817-829	36.3	83
467	Improved precision of epigenetic clock estimates across tissues and its implication for biological ageing. <i>Genome Medicine</i> , 2019 , 11, 54	14.4	81
466	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	46.3	81
465	Genetic Differences in the Immediate Transcriptome Response to Stress Predict Risk-Related Brain Function and Psychiatric Disorders. <i>Neuron</i> , 2015 , 86, 1189-202	13.9	79
464	Genetic variation in CNTNAP2 alters brain function during linguistic processing in healthy individuals. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011 , 156B, 941-8	3.5	78
463	DISC1 in schizophrenia: genetic mouse models and human genomic imaging. <i>Schizophrenia Bulletin</i> , 2011 , 37, 14-20	1.3	77
462	Epigenetic prediction of complex traits and death. <i>Genome Biology</i> , 2018 , 19, 136	18.3	77
461	Mental health in UK Biobank - development, implementation and results from an online questionnaire completed by 157 366 participants: a reanalysis. <i>BJPsych Open</i> , 2020 , 6, e18	5	76
460	Epidemiology and Heritability of Major Depressive Disorder, Stratified by Age of Onset, Sex, and Illness Course in Generation Scotland: Scottish Family Health Study (GS:SFHS). <i>PLoS ONE</i> , 2015 , 10, e0142197	27.9	75
459	The influence of polygenic risk for bipolar disorder on neural activation assessed using fMRI. <i>Translational Psychiatry</i> , 2012 , 2, e130	8.6	73
458	Complement genes contribute sex-biased vulnerability in diverse disorders. <i>Nature</i> , 2020 , 582, 577-581	50.4	71
457	Functional imaging of emotional memory in bipolar disorder and schizophrenia. <i>Bipolar Disorders</i> , 2009 , 11, 840-56	3.8	71
456	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	4.9	70

455	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, 2720-9	8.7	69
454	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017 , 82, 322-329	7.9	68
453	Widespread white matter microstructural abnormalities in bipolar disorder: evidence from mega- and meta-analyses across 3033 individuals. <i>Neuropsychopharmacology</i> , 2019 , 44, 2285-2293	8.7	68
452	The association of genetic variation in CACNA1C with structure and function of a frontotemporal system. <i>Bipolar Disorders</i> , 2011 , 13, 696-700	3.8	67
451	Uncovering the Genetic Architecture of Major Depression. <i>Neuron</i> , 2019 , 102, 91-103	13.9	66
450	Genetic Overlap Between Attention-Deficit/Hyperactivity Disorder and Bipolar Disorder: Evidence From Genome-wide Association Study Meta-analysis. <i>Biological Psychiatry</i> , 2017 , 82, 634-641	7.9	66
449	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	7.9	66
448	Grey matter changes can improve the prediction of schizophrenia in subjects at high risk. <i>BMC Medicine</i> , 2006 , 4, 29	11.4	66
447	Association Between Schizophrenia-Related Polygenic Liability and the Occurrence and Level of Mood-Incongruent Psychotic Symptoms in Bipolar Disorder. <i>JAMA Psychiatry</i> , 2018 , 75, 28-35	14.5	66
446	Prefrontal gyral folding and its cognitive correlates in bipolar disorder and schizophrenia. <i>Acta Psychiatrica Scandinavica</i> , 2009 , 119, 192-8	6.5	64
445	Cortical thickness in first-episode schizophrenia patients and individuals at high familial risk: a cross-sectional comparison. <i>Schizophrenia Research</i> , 2013 , 151, 259-64	3.6	63
444	Mental health in UK Biobank: development, implementation and results from an online questionnaire completed by 157 366 participants. <i>BJPsych Open</i> , 2018 , 4, 83-90	5	61
443	Age-Dependent Pleiotropy Between General Cognitive Function and Major Psychiatric Disorders. <i>Biological Psychiatry</i> , 2016 , 80, 266-273	7.9	60
442	Set shifting and reversal learning in patients with bipolar disorder or schizophrenia. <i>Psychological Medicine</i> , 2009 , 39, 1289-93	6.9	60
441	Chronic multisite pain in major depression and bipolar disorder: cross-sectional study of 149,611 participants in UK Biobank. <i>BMC Psychiatry</i> , 2014 , 14, 350	4.2	58
440	Meta-analysis of magnetic resonance imaging studies in chromosome 22q11.2 deletion syndrome (velocardiofacial syndrome). <i>Schizophrenia Research</i> , 2009 , 115, 173-81	3.6	57
439	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , 2020 , 88, 169-184	7.9	57
438	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	5.2	57

437	Whole-genome sequence-based analysis of thyroid function. <i>Nature Communications</i> , 2015 , 6, 5681	17.4	56
436	The impact of substance use on brain structure in people at high risk of developing schizophrenia. <i>Schizophrenia Bulletin</i> , 2011 , 37, 1066-76	1.3	56
435	Reduced binocular depth inversion in regular cannabis users. <i>Pharmacology Biochemistry and Behavior</i> , 2003 , 75, 789-93	3.9	56
434	Subcortical volume and white matter integrity abnormalities in major depressive disorder: findings from UK Biobank imaging data. <i>Scientific Reports</i> , 2017 , 7, 5547	4.9	55
433	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. <i>American Journal of Human Genetics</i> , 2018 , 102, 1185-1194	11	55
432	Integrated analysis of environmental and genetic influences on cord blood DNA methylation in new-borns. <i>Nature Communications</i> , 2019 , 10, 2548	17.4	54
431	Review of functional magnetic resonance imaging studies comparing bipolar disorder and schizophrenia. <i>Bipolar Disorders</i> , 2012 , 14, 411-31	3.8	54
430	Is bipolar disorder more common in highly intelligent people? A cohort study of a million men. <i>Molecular Psychiatry</i> , 2013 , 18, 190-4	15.1	54
429	A neuropsychological investigation into 'Theory of Mind' and enhanced risk of schizophrenia. <i>Psychiatry Research</i> , 2006 , 144, 29-37	9.9	54
428	Investigation of the genetic association between quantitative measures of psychosis and schizophrenia: a polygenic risk score analysis. <i>PLoS ONE</i> , 2012 , 7, e37852	3.7	53
427	Genome-wide by environment interaction studies of depressive symptoms and psychosocial stress in UK Biobank and Generation Scotland. <i>Translational Psychiatry</i> , 2019 , 9, 14	8.6	52
426	Declarative memory in unaffected adult relatives of patients with schizophrenia: a systematic review and meta-analysis. <i>Schizophrenia Research</i> , 2005 , 78, 13-26	3.6	52
425	DNA Methylation Signatures of Depressive Symptoms in Middle-aged and Elderly Persons: Meta-analysis of Multiethnic Epigenome-wide Studies. <i>JAMA Psychiatry</i> , 2018 , 75, 949-959	14.5	51
424	The effect of long-term high frequency repetitive transcranial magnetic stimulation on working memory in schizophrenia and healthy controls--a randomized placebo-controlled, double-blind fMRI study. <i>Behavioural Brain Research</i> , 2013 , 237, 300-7	3.4	51
423	The neural basis of familial risk and temperamental variation in individuals at high risk of bipolar disorder. <i>Biological Psychiatry</i> , 2011 , 70, 343-9	7.9	51
422	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, 223-31	9.9	49
421	A t(1;11) translocation linked to schizophrenia and affective disorders gives rise to aberrant chimeric DISC1 transcripts that encode structurally altered, deleterious mitochondrial proteins. <i>Human Molecular Genetics</i> , 2012 , 21, 3374-86	5.6	49
420	Genetic effects influencing risk for major depressive disorder in China and Europe. <i>Translational Psychiatry</i> , 2017 , 7, e1074	8.6	48

419	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021 , 26, 5124-5139	15.1	48
418	Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank. <i>Translational Psychiatry</i> , 2018 , 8, 9	8.6	48
417	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018 , 84, 138-147	7.9	48
416	708 Common and 2010 rare DISC1 locus variants identified in 1542 subjects: analysis for association with psychiatric disorder and cognitive traits. <i>Molecular Psychiatry</i> , 2014 , 19, 668-75	15.1	48
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231	Genetic and environmental determinants of stressful life events and their overlap with depression and neuroticism. <i>Wellcome Open Research</i> , 2018 , 3, 11	4.8	13
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213	Genetic and environmental determinants of stressful life events and their overlap with depression and neuroticism. <i>Wellcome Open Research</i> , 2018 , 3, 11	4.8	11
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211	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022 , 91, 102-117	7.9	11
210	Sex-stratified genome-wide association study of multisite chronic pain in UK Biobank. <i>PLoS Genetics</i> , 2021 , 17, e1009428	6	11
209	Applying polygenic risk scoring for psychiatric disorders to a large family with bipolar disorder and major depressive disorder. <i>Communications Biology</i> , 2018 , 1, 163	6.7	11
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191	Genome-wide association study of alcohol consumption and genetic overlap with other health-related traits in UK Biobank (N=112,117)		9
190	Sex differences in the adult human brain: Evidence from 5,216 UK Biobank participants		9
189	A Major Role for Common Genetic Variation in Anxiety Disorders		9
188	Genome-wide gene-environment analyses of depression and reported lifetime traumatic experiences in UK Biobank		9
187	Genome-wide association study meta-analysis of the Alcohol Use Disorder Identification Test (AUDIT) in two population-based cohorts (N=141,932)		9
186	Factors associated with sharing email information and mental health survey participation in large population cohorts		9

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180	Assessment of dried blood spots for DNA methylation profiling. <i>Wellcome Open Research</i> , 2019 , 4, 44	4.8	8
179	Genome-wide association study of depression phenotypes in UK Biobank (n = 322,580) identifies the enrichment of variants in excitatory synaptic pathways		8
178	Epigenetic clocks predict prevalence and incidence of leading causes of death and disease burden		8
177	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
176	Accelerated Epigenetic Ageing in Major Depressive Disorder		8
175	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions		8
174	An epigenetic predictor of death captures multi-modal measures of brain health		8
173	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020 , 183, 309-330	3.5	8
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171	Changes in daily mental health service use and mortality at the commencement and lifting of COVID-19 'lockdown' policy in 10 UK sites: a regression discontinuity in time design. <i>BMJ Open</i> , 2021 , 11, e049721	3	8
170	Childhood intelligence attenuates the association between biological ageing and health outcomes in later life. <i>Translational Psychiatry</i> , 2019 , 9, 323	8.6	8
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165	Cross-national differences in diet, the outcome of schizophrenia and the prevalence of depression: you are (associated with) what you eat. <i>British Journal of Psychiatry</i> , 2004 , 184, 381-2	5.4	7
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163	Do Candidate Genes Affect the Brain's White Matter Microstructure? Large-Scale Evaluation of 6,165 Diffusion MRI Scans		7
162	GWAS of Depression Phenotypes in the Million Veteran Program and Meta-analysis in More than 1.2 Million Participants Yields 178 Independent Risk Loci		7
161	Trans-ancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders		7
160	Birth weight associations with DNA methylation differences in an adult population. <i>Epigenetics</i> , 2021 , 16, 783-796	5.7	7
159	Low birth weight and features of neuroticism and mood disorder in 83 545 participants of the UK Biobank cohort. <i>BJPsych Open</i> , 2016 , 2, 38-44	5	7
158	Childhood adversity and cortical thickness and surface area in a population at familial high risk of schizophrenia. <i>Psychological Medicine</i> , 2016 , 46, 891-6	6.9	7
157	Epigenetic Age Acceleration and Cognitive Function in African American Adults in Midlife: The Atherosclerosis Risk in Communities Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 473-480	6.4	7
156	DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. <i>Molecular Psychiatry</i> , 2021 , 26, 2148-2162	15.1	7
155	CovidLife: a resource to understand mental health, well-being and behaviour during the COVID-19 pandemic in the UK. <i>Wellcome Open Research</i> , 6 , 176	4.8	7
154	The Genetic Architecture of Depression in Individuals of East Asian Ancestry: A Genome-Wide Association Study. <i>JAMA Psychiatry</i> , 2021 , 78, 1258-1269	14.5	7
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144	Parenteral thiamine use in the prevention and treatment of Wernicke-Korsakoff syndrome. <i>Psychiatric Bulletin</i> , 2005 , 29, 94-97		6
143	Rare schizophrenia risk variants are enriched in genes shared with neurodevelopmental disorders		6
142	Genetic stratification of depression in UK Biobank suggests a subgroup linked to age of natural menopause		6
141	A combined analysis of genetically correlated traits identifies 107 loci associated with intelligence		6
140	Ninety-nine independent genetic loci influencing general cognitive function include genes associated with brain health and structure (N = 280,360)		6
139	Subcortical Volume Trajectories across the Lifespan: Data from 18,605 healthy individuals aged 3-90 years		6
138	Improved prediction of chronological age from DNA methylation limits it as a biomarker of ageing		6
137	Childhood adversity and hippocampal and amygdala volumes in a population at familial high risk of schizophrenia. <i>Schizophrenia Research</i> , 2016 , 175, 42-47	3.6	6
136	Genome-wide interaction study of a proxy for stress-sensitivity and its prediction of major depressive disorder. <i>PLoS ONE</i> , 2018 , 13, e0209160	3.7	6
135	DNA methylation in APOE: The relationship with Alzheimer's and with cardiovascular health. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020 , 6, e12026	6	5
134	Relationship between neuropsychiatric disorders and cognitive and behavioural change in MND. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 245-253	5.5	5
133	Invited commentaries on: Signs of asphyxia at birth and risk of schizophrenia/Obstetric complications and risk of schizophrenia. <i>British Journal of Psychiatry</i> , 2001 , 179, 415-6	5.4	5
132	Molecular genetic contributions to self-rated health		5

131	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
130	Birth weight associations with psychiatric and physical health, cognitive function, and DNA methylation differences in an adult population		5
129	Genetic copy number variants, cognition and psychosis: a meta-analysis and a family study. <i>Molecular Psychiatry</i> , 2021 , 26, 5307-5319	15.1	5
128	Stratifying major depressive disorder by polygenic risk for schizophrenia in relation to structural brain measures. <i>Psychological Medicine</i> , 2020 , 50, 1653-1662	6.9	5
127	Polygenic contributions to alcohol use and alcohol use disorders across population-based and clinically ascertained samples. <i>Psychological Medicine</i> , 2021 , 51, 1147-1156	6.9	5
126	The influence of X chromosome variants on trait neuroticism. <i>Molecular Psychiatry</i> , 2021 , 26, 483-491	15.1	5
125	Comparison of rule-based and neural network models for negation detection in radiology reports. <i>Natural Language Engineering</i> , 2021 , 27, 203-224	1.1	5
124	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021 , 90, 243-252	7.9	5
123	Early life predictors of late life cerebral small vessel disease in four prospective cohort studies. <i>Brain</i> , 2021 ,	11.2	5
122	Using Polygenic Risk Scores to Establish Endophenotypes: Considerations and Current Constraints. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 113-114	3.4	4
121	CRISPR disruption and UK Biobank analysis of a highly conserved polymorphic enhancer suggests a role in male anxiety and ethanol intake. <i>Molecular Psychiatry</i> , 2021 , 26, 2263-2276	15.1	4
120	Cognitive functioning and lifetime major depressive disorder in UK Biobank. <i>European Psychiatry</i> , 2020 , 63, e28	6	4
119	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	8.6	4
118	Molecular Genetic Risk for Psychosis Is Associated With Psychosis Risk Symptoms in a Population-Based UK Cohort: Findings From Generation Scotland. <i>Schizophrenia Bulletin</i> , 2020 ,	1.3	4
117	Verbal working memory and functional large-scale networks in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 270, 86-96	2.9	4
116	Modulation of hippocampal activation by genetic variation in the GRIK4 gene. <i>Molecular Psychiatry</i> , 2009 , 14, 465	15.1	4
115	Genomic analysis of family data reveals additional genetic effects on intelligence and personality		4
114	116 independent genetic variants influence the neuroticism personality trait in over 329,000 UK Biobank individuals		4

113	Cortical Thickness Trajectories across the Lifespan: Data from 17,075 healthy individuals aged 3-90 years		4
112	Genetic Architecture of 11 Major Psychiatric Disorders at Biobehavioral, Functional Genomic, and Molecular Genetic Levels of Analysis		4
111	An epigenetic score for BMI based on DNA methylation correlates with poor physical health and major disease in the Lothian Birth Cohort 1936		4
110	Genome-wide Association Study of Multisite Chronic Pain in UK Biobank		4
109	Genetic and shared couple environmental contributions to smoking and alcohol use in the UK population. <i>Molecular Psychiatry</i> , 2021 , 26, 4344-4354	15.1	4
108	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	7.9	4
107	Genetic architecture of 11 major psychiatric disorders at biobehavioral, functional genomic and molecular genetic levels of analysis.. <i>Nature Genetics</i> , 2022 , 54, 548-559	36.3	4
106	Pharmaco-epidemiology of antidepressant exposure in a UK cohort record-linkage study. <i>Journal of Psychopharmacology</i> , 2019 , 33, 482-493	4.6	3
105	Conditioning on a Collider May or May Not Explain the Relationship Between Lower Neuroticism and Premature Mortality in the Study by Gale et al. (2017): A Reply to Richardson, Davey Smith, and Munaf(2019). <i>Psychological Science</i> , 2019 , 30, 633-638	7.9	3
104	Antipsychotics in acute agitation. <i>Psychiatric Bulletin</i> , 2001 , 25, 276-277		3
103	Haplotype-based association analysis of general cognitive ability in Generation Scotland, the English Longitudinal Study of Ageing, and UK Biobank. <i>Wellcome Open Research</i> , 2017 , 2, 61	4.8	3
102	Genome-wide association study of suicide death and polygenic prediction of clinical antecedents		3
101	Aberrant structural covariance networks in youth at high familial risk for mood disorder. <i>Bipolar Disorders</i> , 2020 , 22, 155-162	3.8	3
100	Addendum: Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. <i>Nature Communications</i> , 2018 , 9, 3578	17.4	3
99	Investigating rare pathogenic/likely pathogenic exonic variation in bipolar disorder. <i>Molecular Psychiatry</i> , 2021 , 26, 5239-5250	15.1	3
98	Mental health in UK Biobank: development, implementation and results from an online questionnaire completed by 157 366 participants - RETRACTED. <i>BJPsych Open</i> , 2019 , 5, e56	5	2
97	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019 , 180, 223-231	3.5	2
96	Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. <i>Biological Psychiatry</i> , 2016 , 80, 84-86	7.9	2

95	Two-back makes step forward in brain imaging genomics. <i>Neuron</i> , 2014 , 81, 959-961	13.9	2
94	Epigenetic scores for the circulating proteome as tools for disease prediction.. <i>ELife</i> , 2022 , 11,	8.9	2
93	Using a knowledge exchange event to assess study participants' attitudes to research in a rapidly evolving research context. <i>Wellcome Open Research</i> , 2020 , 5, 24	4.8	2
92	Associations between alcohol use and accelerated biological ageing		2
91	Cohort Profile: COVIDMENT: COVID-19 cohorts on mental health across six nations.. <i>International Journal of Epidemiology</i> , 2021 ,	7.8	2
90	TeenCovidLife: a resource to understand the impact of the COVID-19 pandemic on adolescents in Scotland. <i>Wellcome Open Research</i> , 2021 , 6, 277	4.8	2
89	Childhood intelligence attenuates the association between biological ageing and health outcomes in later		2
88	Mental Health in UK Biobank Revised Development, implementation and results from an online questionnaire completed by 157,366 participants		2
87	Using a knowledge exchange event to assess study participants' attitudes to research in a rapidly evolving research context. <i>Wellcome Open Research</i> , 2020 , 5, 24	4.8	2
86	Creating and validating a DNA methylation-based proxy for Interleukin-6		2
85	Electronic Health Record and Genome-wide Genetic Data in Generation Scotland Participants		2
84	Greater male than female variability in regional brain structure across the lifespan		2
83	Sex-Stratified Genome-Wide Association Study of Multisite Chronic Pain in UK Biobank		2
82	Dissecting the shared genetic architecture of suicide attempt, psychiatric disorders and known risk factors		2
81	Epigenetic scores for the circulating proteome as tools for disease prediction		2
80	Bayesian reassessment of the epigenetic architecture of complex traits		2
79	A meta-analysis of genome-wide association studies of epigenetic age acceleration		2
78	Shared genetic aetiology between cognitive functions and physical and mental health in UK Biobank (N = 112 151) and 24 GWAS consortia.		2

77	Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank		2
76	Blood-based epigenome-wide analyses of cognitive abilities		2
75	Identification of novel common variants associated with chronic pain using conditional false discovery rate analysis with major depressive disorder and assessment of pleiotropic effects of LRFN5. <i>Translational Psychiatry</i> , 2019 , 9, 310	8.6	2
74	Characterisation of age and polarity at onset in bipolar disorder.. <i>British Journal of Psychiatry</i> , 2021 , 219, 659-669	5.4	2
73	Examining sex differences in neurodevelopmental and psychiatric genetic risk in anxiety and depression. <i>PLoS ONE</i> , 2021 , 16, e0248254	3.7	2
72	Family load impacts orbitofrontal volume in first-episode schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 232, 130-3	2.9	1
71	Transcranial magnetic stimulation for schizophrenia. <i>Cochrane Database of Systematic Reviews</i> , 2006 ,		1
70	Invited commentaries on: Signs of asphyxia at birth and risk of schizophrenia/Obstetric complications and risk of schizophrenia. <i>British Journal of Psychiatry</i> , 2001 , 179, 416	5.4	1
69	Blood-based epigenome-wide analyses of cognitive abilities.. <i>Genome Biology</i> , 2022 , 23, 26	18.3	1
68	Lifestyle and Genetic Factors Modify Parent-of-Origin Effects on the Human Methylome. <i>EBioMedicine</i> , 2021 , 74, 103730	8.8	1
67	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> , 4 , 206	4.8	1
66	Genome-wide interaction study with major depression identifies novel variants associated with cognitive function. <i>Molecular Psychiatry</i> , 2021 ,	15.1	1
65	Brain structural associations with depression in a large early adolescent sample (the ABCD study). <i>EClinicalMedicine</i> , 2021 , 42, 101204	11.3	1
64	Is there association between APOE e4 genotype and structural brain ageing phenotypes, and does that association increase in older age in UK Biobank? (N = 8,395)		1
63	Response to Problems in interpreting and using GWAS of conditional phenotypes illustrated by alcohol GWAS		1
62	Genetic correlations between pain phenotypes and depression and neuroticism		1
61	Genetic variation in the Major Histocompatibility Complex and association with depression		1
60	Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD		1

59	An epigenome-wide association study of sex-specific chronological ageing		1
58	Epigenetic prediction of major depressive disorder		1
57	The Influence of Phenotyping Method on Structural Neuroimaging Associations with Depression in UK Biobank		1
56	Face covering adherence is positively associated with better mental health and wellbeing: a longitudinal analysis of the CovidLife surveys		1
55	A comparison of blood and brain-derived ageing and inflammation-related DNA methylation signatures and their association with microglial burdens		1
54	Characterisation of an inflammation-related epigenetic score and its association with cognitive ability		1
53	Mood disorder 2010 , 427-452		1
52	Association of whole-genome and NETRIN1 signaling pathway-derived polygenic risk scores for Major Depressive Disorder and thalamic radiation white matter microstructure in UK Biobank		1
51	Genetic and shared couple environmental contributions to smoking and alcohol use in the UK population		1
50	Genetic analysis identifies molecular systems and biological pathways associated with household income		1
49	White matter microstructure and its relation to longitudinal measures of depressive symptoms in mid-late life		1
48	Do Regional Brain Volumes and Major Depressive Disorder Share Genetic Architecture?: a study of Generation Scotland (n=19,762), UK Biobank (n=24,048) and the English Longitudinal Study of Ageing (n=5,766)		1
47	Genome-wide haplotype-based association analysis of major depressive disorder in Generation Scotland and UK Biobank		1
46	Genetic contribution to two factors of neuroticism is associated with affluence, better health, and longer life		1
45	Epigenome-wide analyses identify DNA methylation signatures of dementia risk. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12078	5.2	1
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