David J Porteous

List of Publications by Citations

480 papers	30,768 citations	88 h-index	164 g-index
568 ext. papers	39,946 ext. citations	10.4 avg, IF	6.31 L-index

#	Paper	IF	Citations
480	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. *Nature Genetics*, **2018**, 50, 668-681	36.3	1301
479	Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. *Nature Genetics*, **2018**, 50, 1112-1121	36.3	950
478	Genome-wide association study identifies 74 loci associated with educational attainment. *Nature*, **2016**, 533, 539-42	50.4	850
477	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. *Nature Genetics*, **2018**, 50, 381-389	36.3	787
476	The UK10K project identifies rare variants in health and disease. *Nature*, **2015**, 526, 82-90	50.4	776
475	The candidate Wilms' tumour gene is involved in genitourinary development. *Nature*, **1990**, 346, 194-7	50.4	756
474	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
473	Liposome-mediated CFTR gene transfer to the nasal epithelium of patients with cystic fibrosis. *Nature Medicine*, **1995**, 1, 39-46	50.5	654
472	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. *Nature Neuroscience*, **2019**, 22, 343-352	25.5	639
471	DISC1 and PDE4B are interacting genetic factors in schizophrenia that regulate cAMP signaling. *Science*, **2005**, 310, 1187-91	33.3	542
470	Identification of common variants associated with human hippocampal and intracranial volumes. *Nature Genetics*, **2012**, 44, 552-61	36.3	498
469	The DISC locus in psychiatric illness. *Molecular Psychiatry*, **2008**, 13, 36-64	15.1	496
468	Genome-wide association studies establish that human intelligence is highly heritable and polygenic. *Molecular Psychiatry*, **2011**, 16, 996-1005	15.1	478
467	Genetic mechanisms of critical illness in COVID-19. *Nature*, **2021**, 591, 92-98	50.4	451
466	Behavioral phenotypes of Disc1 missense mutations in mice. *Neuron*, **2007**, 54, 387-402	13.9	445
465	Genome-wide association study identifies five loci associated with lung function. *Nature Genetics*, **2010**, 42, 36-44	36.3	430
464	Non-invasive liposome-mediated gene delivery can correct the ion transport defect in cystic fibrosis mutant mice. *Nature Genetics*, **1993**, 5, 135-42	36.3	376

463	Timing, rates and spectra of human germline mutation. *Nature Genetics*, **2016**, 48, 126-133	36.3	338
462	New gene functions in megakaryopoiesis and platelet formation. *Nature*, **2011**, 480, 201-8	50.4	330
461	The Lothian Birth Cohort 1936: a study to examine influences on cognitive ageing from age 11 to age 70 and beyond. *BMC Geriatrics*, **2007**, 7, 28	4.1	320
460	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nature Genetics*, **2017**, 49, 403-415	36.3	313
459	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature Genetics*, **2011**, 43, 1082-90	36.3	313
458	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
457	Repeated nebulisation of non-viral CFTR gene therapy in patients with cystic fibrosis: a randomised, double-blind, placebo-controlled, phase 2b trial. *Lancet Respiratory Medicine,the*, **2015**, 3, 684-691	35.1	267
456	Cystic fibrosis in the mouse by targeted insertional mutagenesis. *Nature*, **1992**, 359, 211-5	50.4	258
455	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. *Nature Genetics*, **2017**, 49, 834-841	36.3	257
454	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. *Nature Communications*, **2018**, 9, 2098	17.4	254
453	A locus for bipolar affective disorder on chromosome 4p. *Nature Genetics*, **1996**, 12, 427-30	36.3	241
452	GWAS on family history of Alzheimer's disease. *Translational Psychiatry*, **2018**, 8, 99	8.6	238
451	Cohort Profile: Generation Scotland: Scottish Family Health Study (GS:SFHS). The study, its participants and their potential for genetic research on health and illness. *International Journal of Epidemiology*, **2013**, 42, 689-700	7.8	237
450	CpG-free plasmids confer reduced inflammation and sustained pulmonary gene expression. *Nature Biotechnology*, **2008**, 26, 549-51	44.5	232
449	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. *Nature Genetics*, **2015**, 47, 1294-1303	36.3	226
448	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. *JAMA Psychiatry*, **2015**, 72, 642-50	14.5	222
447	Ultra-High-Throughput Clinical Proteomics Reveals Classifiers of COVID-19 Infection. *Cell Systems*, **2020**, 11, 11-24.e4	10.6	219
446	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217

445	A neuregulin 1 variant associated with abnormal cortical function and psychotic symptoms. *Nature Neuroscience*, **2006**, 9, 1477-8	25.5	208
444	SUSPECTS: enabling fast and effective prioritization of positional candidates. *Bioinformatics*, **2006**, 22, 773-4	7.2	202
443	Genetic contributions to stability and change in intelligence from childhood to old age. *Nature*, **2012**, 482, 212-5	50.4	189
442	Splinkerettes--improved vectorettes for greater efficiency in PCR walking. *Nucleic Acids Research*, **1995**, 23, 1644-5	20.1	185
441	Speeding disease gene discovery by sequence based candidate prioritization. *BMC Bioinformatics*, **2005**, 6, 55	3.6	182
440	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
439	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 13790-4	11.5	181
438	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
437	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. *Nature Genetics*, **2017**, 49, 416-425	36.3	170
436	The effects of a neuregulin 1 variant on white matter density and integrity. *Molecular Psychiatry*, **2008**, 13, 1054-9	15.1	170
435	Generation Scotland: the Scottish Family Health Study; a new resource for researching genes and heritability. *BMC Medical Genetics*, **2006**, 7, 74	2.1	164
434	Genomic structure and localisation within a linkage hotspot of Disrupted In Schizophrenia 1, a gene disrupted by a translocation segregating with schizophrenia. *Molecular Psychiatry*, **2001**, 6, 173-8	15.1	162
433	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. *Nature Genetics*, **2019**, 51, 481-493	36.3	156
432	The genetics and biology of DISC1--an emerging role in psychosis and cognition. *Biological Psychiatry*, **2006**, 60, 123-31	7.9	150
431	Association between the TRAX/DISC locus and both bipolar disorder and schizophrenia in the Scottish population. *Molecular Psychiatry*, **2005**, 10, 657-68, 616	15.1	149
430	Isoform-selective susceptibility of DISC1/phosphodiesterase-4 complexes to dissociation by elevated intracellular cAMP levels. *Journal of Neuroscience*, **2007**, 27, 9513-24	6.6	144
429	Yeast two-hybrid screens implicate DISC1 in brain development and function. *Biochemical and Biophysical Research Communications*, **2003**, 311, 1019-25	3.4	143
428	DISC1-binding proteins in neural development, signalling and schizophrenia. *Neuropharmacology*, **2012**, 62, 1230-41	5.5	142

427	Sputum proteomics in inflammatory and suppurative respiratory diseases. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 444-52	10.2	141
426	Molecular genetic contributions to socioeconomic status and intelligence. *Intelligence*, **2014**, 44, 26-32	3	131
425	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. *Biological Psychiatry*, **2017**, 81, 325-335	7.9	129
424	Disrupted in Schizophrenia 1 (DISC1) is a multicompartmentalized protein that predominantly localizes to mitochondria. *Molecular and Cellular Neurosciences*, **2004**, 26, 112-22	4.8	128
423	DISC1 association, heterogeneity and interplay in schizophrenia and bipolar disorder. *Molecular Psychiatry*, **2009**, 14, 865-73	15.1	127
422	Mental health before and during the COVID-19 pandemic in two longitudinal UK population cohorts. *British Journal of Psychiatry*, **2020**, 1-10	5.4	123
421	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nature Genetics*, **2019**, 51, 1459-1474	36.3	122
420	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. *Behavior Genetics*, **2016**, 46, 170-82	3.2	122
419	Identification of polymorphic and off-target probe binding sites on the Illumina Infinium MethylationEPIC BeadChip. *Genomics Data*, **2016**, 9, 22-4		120
418	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
417	Lung disease in the cystic fibrosis mouse exposed to bacterial pathogens. *Nature Genetics*, **1995**, 9, 351-7	36.3	118
416	Investigating the possible causal association of smoking with depression and anxiety using Mendelian randomisation meta-analysis: the CARTA consortium. *BMJ Open*, **2014**, 4, e006141	3	115
415	DISC1 at 10: connecting psychiatric genetics and neuroscience. *Trends in Molecular Medicine*, **2011**, 17, 699-706	11.5	111
414	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
413	Genome-wide association analysis identifies six new loci associated with forced vital capacity. *Nature Genetics*, **2014**, 46, 669-77	36.3	104
412	Identification of polymorphisms within Disrupted in Schizophrenia 1 and Disrupted in Schizophrenia 2, and an investigation of their association with schizophrenia and bipolar affective disorder. *Psychiatric Genetics*, **2001**, 11, 71-8	2.9	104
411	Role of DISC1 in neural development and schizophrenia. *Current Opinion in Neurobiology*, **2007**, 17, 95-102	7.6	103
410	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103

409	Relationship of catechol-O-methyltransferase variants to brain structure and function in a population at high risk of psychosis. *Biological Psychiatry*, **2007**, 61, 1127-34	7.9	102
408	Association of Neuregulin 1 with schizophrenia and bipolar disorder in a second cohort from the Scottish population. *Molecular Psychiatry*, **2007**, 12, 94-104	15.1	102
407	HIV-1 Tat protein transduction domain peptide facilitates gene transfer in combination with cationic liposomes. *Journal of Controlled Release*, **2004**, 99, 435-44	11.7	101
406	SNP genotyping on pooled DNAs: comparison of genotyping technologies and a semi automated method for data storage and analysis. *Nucleic Acids Research*, **2002**, 30, e74	20.1	101
405	Chromosomal location and genomic structure of the human translin-associated factor X gene (TRAX; TSNAX) revealed by intergenic splicing to DISC1, a gene disrupted by a translocation segregating with schizophrenia. *Genomics*, **2000**, 67, 69-77	4.3	100
404	Polygenic risk for schizophrenia is associated with cognitive change between childhood and old age. *Biological Psychiatry*, **2013**, 73, 938-43	7.9	99
403	Genome-wide association uncovers shared genetic effects among personality traits and mood states. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2012**, 159B, 684-95	3.5	98
402	Chromosomal abnormalities and mental illness. *Molecular Psychiatry*, **2003**, 8, 275-87	15.1	98
401	Genomic analysis of family data reveals additional genetic effects on intelligence and personality. *Molecular Psychiatry*, **2018**, 23, 2347-2362	15.1	96
400	Cytogenetic and genetic evidence supports a role for the kainate-type glutamate receptor gene, GRIK4, in schizophrenia and bipolar disorder. *Molecular Psychiatry*, **2006**, 11, 847-57	15.1	96
399	Sputum and serum calprotectin are useful biomarkers during CF exacerbation. *Journal of Cystic Fibrosis*, **2010**, 9, 193-8	4.1	95
398	Changes in physiological, functional and structural markers of cystic fibrosis lung disease with treatment of a pulmonary exacerbation. *Thorax*, **2013**, 68, 532-9	7.3	94
397	Cardiac Troponin T and Troponin I in the General Population. *Circulation*, **2019**, 139, 2754-2764	16.7	90
396	Genetic variants linked to education predict longevity. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 13366-13371	11.5	90
395	A genome scan and follow-up study identify a bipolar disorder susceptibility locus on chromosome 1q42. *Molecular Psychiatry*, **2004**, 9, 1083-90	15.1	90
394	DISC1: Structure, Function, and Therapeutic Potential for Major Mental Illness. *ACS Chemical Neuroscience*, **2011**, 2, 609-632	5.7	89
393	Systems genetics identifies a convergent gene network for cognition and neurodevelopmental disease. *Nature Neuroscience*, **2016**, 19, 223-32	25.5	88
392	A cytogenetic abnormality and rare coding variants identify ABCA13 as a candidate gene in schizophrenia, bipolar disorder, and depression. *American Journal of Human Genetics*, **2009**, 85, 833-46	11	88

391	Are some genetic risk factors common to schizophrenia, bipolar disorder and depression? Evidence from DISC1, GRIK4 and NRG1. *Neurotoxicity Research*, **2007**, 11, 73-83	4.3	87
390	Disrupted in schizophrenia 1 (DISC1): subcellular targeting and induction of ring mitochondria. *Molecular and Cellular Neurosciences*, **2005**, 30, 477-84	4.8	86
389	Exploration of haplotype research consortium imputation for genome-wide association studies in 20,032 Generation Scotland participants. *Genome Medicine*, **2017**, 9, 23	14.4	85
388	Sex-specific association between bipolar affective disorder in women and GPR50, an X-linked orphan G protein-coupled receptor. *Molecular Psychiatry*, **2005**, 10, 470-8	15.1	84
387	Interacting haplotypes at the NPAS3 locus alter risk of schizophrenia and bipolar disorder. *Molecular Psychiatry*, **2009**, 14, 874-84	15.1	82
386	Improved precision of epigenetic clock estimates across tissues and its implication for biological ageing. *Genome Medicine*, **2019**, 11, 54	14.4	81
385	Adenoviral augmentation of elafin protects the lung against acute injury mediated by activated neutrophils and bacterial infection. *Journal of Immunology*, **2001**, 167, 1778-86	5.3	81
384	The genomic organisation of the metabotropic glutamate receptor subtype 5 gene, and its association with schizophrenia. *Molecular Psychiatry*, **2001**, 6, 311-4	15.1	80
383	The PDE4B gene confers sex-specific protection against schizophrenia. *Psychiatric Genetics*, **2007**, 17, 129-33	2.9	79
382	DISC1 in schizophrenia: genetic mouse models and human genomic imaging. *Schizophrenia Bulletin*, **2011**, 37, 14-20	1.3	77
381	Evolutionary constraints on the Disrupted in Schizophrenia locus. *Genomics*, **2003**, 81, 67-77	4.3	77
380	Epigenetic prediction of complex traits and death. *Genome Biology*, **2018**, 19, 136	18.3	77
379	DISC1, PDE4B, and NDE1 at the centrosome and synapse. *Biochemical and Biophysical Research Communications*, **2008**, 377, 1091-6	3.4	76
378	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). *PLoS ONE*, **2015**, 10, e0142197	3.7	75
377	Disrupted in schizophrenia 1 and phosphodiesterase 4B: towards an understanding of psychiatric illness. *Journal of Physiology*, **2007**, 584, 401-5	3.9	75
376	Genetic associations for activated partial thromboplastin time and prothrombin time, their gene expression profiles, and risk of coronary artery disease. *American Journal of Human Genetics*, **2012**, 91, 152-62	11	73
375	Common variants of large effect in F12, KNG1, and HRG are associated with activated partial thromboplastin time. *American Journal of Human Genetics*, **2010**, 86, 626-31	11	73
374	Genes and schizophrenia: beyond schizophrenia: the role of DISC1 in major mental illness. *Schizophrenia Bulletin*, **2006**, 32, 409-16	1.3	72

373	Sputum trace metals are biomarkers of inflammatory and suppurative lung disease. *Chest*, **2010**, 137, 635-41	5.3	70
372	Assessment of F/HN-pseudotyped lentivirus as a clinically relevant vector for lung gene therapy. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 846-56	10.2	67
371	Association Between Schizophrenia-Related Polygenic Liability and the Occurrence and Level of Mood-Incongruent Psychotic Symptoms in Bipolar Disorder. *JAMA Psychiatry*, **2018**, 75, 28-35	14.5	66
370	DISC1 complexes with TRAK1 and Miro1 to modulate anterograde axonal mitochondrial trafficking. *Human Molecular Genetics*, **2014**, 23, 906-19	5.6	65
369	Enhanced lung gene expression after aerosol delivery of concentrated pDNA/PEI complexes. *Molecular Therapy*, **2008**, 16, 1283-90	11.7	65
368	Disruption of a brain transcription factor, NPAS3, is associated with schizophrenia and learning disability. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2005**, 136B, 26-32	3.5	63
367	The DISC1 pathway modulates expression of neurodevelopmental, synaptogenic and sensory perception genes. *PLoS ONE*, **2009**, 4, e4906	3.7	62
366	PKA phosphorylation of NDE1 is DISC1/PDE4 dependent and modulates its interaction with LIS1 and NDEL1. *Journal of Neuroscience*, **2011**, 31, 9043-54	6.6	62
365	Evidence of inbreeding depression on human height. *PLoS Genetics*, **2012**, 8, e1002655	6	62
364	Comparison between High-Sensitivity Cardiac Troponin T and Cardiac Troponin I in a Large General Population Cohort. *Clinical Chemistry*, **2018**, 64, 1607-1616	5.5	61
363	Whole genome association scan for genetic polymorphisms influencing information processing speed. *Biological Psychology*, **2011**, 86, 193-202	3.2	61
362	Genetic prediction of male pattern baldness. *PLoS Genetics*, **2017**, 13, e1006594	6	59
361	Heritability of chronic pain in 2195 extended families. *European Journal of Pain*, **2012**, 16, 1053-63	3.7	57
360	Investigating the relationship between DNA methylation age acceleration and risk factors for Alzheimer's disease. *Alzheimerls and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2018**, 10, 429-437	5.2	57
359	A randomised, double-blind, placebo-controlled phase IIB clinical trial of repeated application of gene therapy in patients with cystic fibrosis. *Thorax*, **2013**, 68, 1075-7	7.3	54
358	Subcellular targeting of DISC1 is dependent on a domain independent from the Nudel binding site. *Molecular and Cellular Neurosciences*, **2005**, 28, 613-24	4.8	52
357	DNA Methylation Signatures of Depressive Symptoms in Middle-aged and Elderly Persons: Meta-analysis of Multiethnic Epigenome-wide Studies. *JAMA Psychiatry*, **2018**, 75, 949-959	14.5	51
356	Genetic mechanisms of critical illness in Covid-19		51

355	YAC mapping by FISH using Alu-PCR-generated probes. *Genomics*, **1992**, 13, 726-30	4.3	50
354	Pedigree- and SNP-Associated Genetics and Recent Environment are the Major Contributors to Anthropometric and Cardiometabolic Trait Variation. *PLoS Genetics*, **2016**, 12, e1005804	6	50
353	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. *Human Molecular Genetics*, **2012**, 21, 3374-86	5.6	49
352	Structural models of human eEF1A1 and eEF1A2 reveal two distinct surface clusters of sequence variation and potential differences in phosphorylation. *PLoS ONE*, **2009**, 4, e6315	3.7	49
351	Restriction fragment length polymorphism analysis and assignment of the metalloproteinases stromelysin and collagenase to the long arm of chromosome 11. *Genomics*, **1988**, 2, 119-27	4.3	49
350	Genome-wide studies of verbal declarative memory in nondemented older people: the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. *Biological Psychiatry*, **2015**, 77, 749-63	7.9	48
349	Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank. *Translational Psychiatry*, **2018**, 8, 9	8.6	48
348	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. *Biological Psychiatry*, **2018**, 84, 138-147	7.9	48
347	Differential global gene expression in cystic fibrosis nasal and bronchial epithelium. *Genomics*, **2011** , 98, 327-36	4.3	48
346	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. *Molecular Psychiatry*, **2020**, 25, 1430-1446	15.1	47
345	Alzheimer's disease susceptibility genes APOE and TOMM40, and brain white matter integrity in the Lothian Birth Cohort 1936. *Neurobiology of Aging*, **2014**, 35, 1513.e25-33	5.6	47
344	Genetic predictors of fibrin D-dimer levels in healthy adults. *Circulation*, **2011**, 123, 1864-72	16.7	47
343	Differential effects of the APOE e4 allele on different domains of cognitive ability across the life-course. *European Journal of Human Genetics*, **2016**, 24, 919-23	5.3	47
342	Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. *PLoS Genetics*, **2014**, 10, e1004508	6	45
341	Genetic causality in schizophrenia and bipolar disorder: out with the old and in with the new. *Current Opinion in Genetics and Development*, **2008**, 18, 229-34	4.9	45
340	Optimizing aerosol gene delivery and expression in the ovine lung. *Molecular Therapy*, **2007**, 15, 348-54	11.7	45
339	Evidence that many of the DISC1 isoforms in C57BL/6J mice are also expressed in 129S6/SvEv mice. *Molecular Psychiatry*, **2007**, 12, 897-9	15.1	45
338	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44

337	Cardiovascular risk factors associated with the metabolic syndrome are more prevalent in people reporting chronic pain: results from a cross-sectional general population study. *Pain*, **2013**, 154, 1595-1602	8	43
336	Disrupted in schizophrenia 1: building brains and memories. *Trends in Molecular Medicine*, **2006**, 12, 255-61	11.5	43
335	An epigenome-wide association study of sex-specific chronological ageing. *Genome Medicine*, **2019**, 12, 1	14.4	43
334	GPR50 interacts with neuronal NOGO-A and affects neurite outgrowth. *Molecular and Cellular Neurosciences*, **2009**, 42, 363-71	4.8	42
333	Mental health during the COVID-19 pandemic in two longitudinal UK population cohorts		42
332	Genome-wide analysis identifies molecular systems and 149 genetic loci associated with income. *Nature Communications*, **2019**, 10, 5741	17.4	42
331	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature Communications*, **2019**, 10, 376	17.4	41
330	Pedigree and genotyping quality analyses of over 10,000 DNA samples from the Generation Scotland: Scottish Family Health Study. *BMC Medical Genetics*, **2013**, 14, 38	2.1	41
329	Biomarkers for cystic fibrosis lung disease: application of SELDI-TOF mass spectrometry to BAL fluid. *Journal of Cystic Fibrosis*, **2008**, 7, 352-8	4.1	41
328	Regulation of adenovirus-mediated elafin transgene expression by bacterial lipopolysaccharide. *Human Gene Therapy*, **2001**, 12, 1395-406	4.8	41
327	Genetic and Environmental Risk for Chronic Pain and the Contribution of Risk Variants for Major Depressive Disorder: A Family-Based Mixed-Model Analysis. *PLoS Medicine*, **2016**, 13, e1002090	11.6	41
326	Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study. *BMC Medicine*, **2018**, 16, 142	11.4	40
325	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
324	A Phase I/IIa Safety and Efficacy Study of Nebulized Liposome-mediated Gene Therapy for Cystic Fibrosis Supports a Multidose Trial. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 1389-92	10.2	40
323	The relationship of anterior thalamic radiation integrity to psychosis risk associated neuregulin-1 variants. *Molecular Psychiatry*, **2009**, 14, 237-8, 233	15.1	40
322	Electroporation enhances reporter gene expression following delivery of naked plasmid DNA to the lung. *Journal of Gene Medicine*, **2007**, 9, 369-80	3.5	40
321	Chronic pain, depression and cardiovascular disease linked through a shared genetic predisposition: Analysis of a family-based cohort and twin study. *PLoS ONE*, **2017**, 12, e0170653	3.7	40
320	Epigenetic measures of ageing predict the prevalence and incidence of leading causes of death and disease burden. *Clinical Epigenetics*, **2020**, 12, 115	7.7	40

319	Targeted genetic testing for familial hypercholesterolaemia using next generation sequencing: a population-based study. *BMC Medical Genetics*, **2014**, 15, 70	2.1	39
318	Mosaic structural variation in children with developmental disorders. *Human Molecular Genetics*, **2015**, 24, 2733-45	5.6	39
317	NDE1 and NDEL1: multimerisation, alternate splicing and DISC1 interaction. *Neuroscience Letters*, **2009**, 449, 228-33	3.3	39
316	The NPAS3 gene--emerging evidence for a role in psychiatric illness. *Annals of Medicine*, **2006**, 38, 439-48	1.5	39
315	Self-reported medication use validated through record linkage to national prescribing data. *Journal of Clinical Epidemiology*, **2018**, 94, 132-142	5.7	38
314	Chimeric constructs endow the human CFTR Cl- channel with the gating behavior of murine CFTR. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 16365-70	11.5	38
313	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. *PLoS Genetics*, **2016**, 12, e1006327	6	38
312	A meta-analysis of genome-wide association studies of epigenetic age acceleration. *PLoS Genetics*, **2019**, 15, e1008104	6	38
311	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. *Nature Communications*, **2017**, 8, 744	17.4	37
310	The DISC1 promoter: characterization and regulation by FOXP2. *Human Molecular Genetics*, **2012**, 21, 2862-72	5.6	37
309	mc1r Pathway regulation of zebrafish melanosome dispersion. *Zebrafish*, **2008**, 5, 289-95	2	37
308	Functional correction of episomal mutations with short DNA fragments and RNA-DNA oligonucleotides. *Journal of Gene Medicine*, **2002**, 4, 195-204	3.5	37
307	Epigenetic signatures of starting and stopping smoking. *EBioMedicine*, **2018**, 37, 214-220	8.8	36
306	Polygenic risk for Alzheimer's disease is not associated with cognitive ability or cognitive aging in non-demented older people. *Journal of Alzheimerls Disease*, **2014**, 39, 565-74	4.3	35
305	A genome-wide search for genetic influences and biological pathways related to the brain's white matter integrity. *Neurobiology of Aging*, **2012**, 33, 1847.e1-14	5.6	35
304	Association analysis of Neuregulin 1 candidate regions in schizophrenia and bipolar disorder. *Neuroscience Letters*, **2010**, 478, 9-13	3.3	35
303	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. *Nature*, **2022**,	50.4	35
302	Data science for mental health: a UK perspective on a global challenge. *Lancet Psychiatry,the*, **2016**, 3, 993-998	23.3	34

301	Recent genomic heritage in Scotland. *BMC Genomics*, **2015**, 16, 437	4.5	33
300	Transfection efficiency and toxicity following delivery of naked plasmid DNA and cationic lipid-DNA complexes to ovine lung segments. *Molecular Therapy*, **2003**, 8, 646-53	11.7	33
299	Genome of The Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. *Nature Communications*, **2015**, 6, 6065	17.4	32
298	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. *Nature Human Behaviour*, **2019**, 3, 950-961	12.8	32
297	Convergence of linkage, association and GWAS findings for a candidate region for bipolar disorder and schizophrenia on chromosome 4p. *Molecular Psychiatry*, **2011**, 16, 240-2	15.1	32
296	Factors associated with sharing e-mail information and mental health survey participation in large population cohorts. *International Journal of Epidemiology*, **2020**, 49, 410-421	7.8	32
295	A time-resolved proteomic and prognostic map of COVID-19. *Cell Systems*, **2021**, 12, 780-794.e7	10.6	32
294	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. *PLoS ONE*, **2018**, 13, e0198166	3.7	31
293	Association analysis of the chromosome 4p15-p16 candidate region for bipolar disorder and schizophrenia. *Molecular Psychiatry*, **2007**, 12, 1011-25	15.1	31
292	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 981-994	12.7	30
291	Common genetic variants explain the majority of the correlation between height and intelligence: the generation Scotland study. *Behavior Genetics*, **2014**, 44, 91-6	3.2	30
290	Transcriptional regulation of neurodevelopmental and metabolic pathways by NPAS3. *Molecular Psychiatry*, **2012**, 17, 267-79	15.1	30
289	Nuts and bolts of psychiatric genetics: building on the Human Genome Project. *Trends in Genetics*, **2001**, 17, 35-40	8.5	30
288	Rapid and quantitative detection of unique sequence donor DNA in extracts of cultured mammalian cells: an aid to chromosome mapping. *Somatic Cell and Molecular Genetics*, **1985**, 11, 445-54		30
287	Measurement of serum calprotectin in stable patients predicts exacerbation and lung function decline in cystic fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 233-6	10.2	29
286	Inherited Chromosomally Integrated Human Herpesvirus 6 Genomes Are Ancient, Intact, and Potentially Able To Reactivate from Telomeres. *Journal of Virology*, **2017**, 91,	6.6	29
285	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. *Lancet Respiratory Medicine,the*, **2020**, 8, 696-708	35.1	29
284	Variants in doublecortin- and calmodulin kinase like 1, a gene up-regulated by BDNF, are associated with memory and general cognitive abilities. *PLoS ONE*, **2009**, 4, e7534	3.7	28

283	Balanced translocation linked to psychiatric disorder, glutamate, and cortical structure/function. *NPJ Schizophrenia*, **2016**, 2, 16024	5.5	28
282	NDE1 and GSK3Associate with TRAK1 and Regulate Axonal Mitochondrial Motility: Identification of Cyclic AMP as a Novel Modulator of Axonal Mitochondrial Trafficking. *ACS Chemical Neuroscience* , **2016**, 7, 553-64	5.7	27
281	Common variants on 6q16.2, 12q24.31 and 16p13.3 are associated with major depressive disorder. *Neuropsychopharmacology*, **2018**, 43, 2146-2153	8.7	27
280	Synaptic modulators Nrxn1 and Nrxn3 are disregulated in a Disc1 mouse model of schizophrenia. *Molecular Psychiatry*, **2011**, 16, 585-7	15.1	27
279	Shared genetic aetiology between cognitive ability and cardiovascular disease risk factors: Generation Scotland's Scottish family health study. *Intelligence*, **2010**, 38, 304-313	3	27
278	Apolipoprotein E is not related to memory abilities at 70 years of age. *Behavior Genetics*, **2009**, 39, 6-14	3.2	27
277	Genetic survival analysis of age-at-onset of bipolar disorder: evidence for anticipation or cohort effect in families. *Psychiatric Genetics*, **2001**, 11, 129-37	2.9	27
276	Genetic contributions to two special factors of neuroticism are associated with affluence, higher intelligence, better health, and longer life. *Molecular Psychiatry*, **2020**, 25, 3034-3052	15.1	27
275	Shared Genetics and Couple-Associated Environment Are Major Contributors to the Risk of Both Clinical and Self-Declared Depression. *EBioMedicine*, **2016**, 14, 161-167	8.8	26
274	The safety profile of a cationic lipid-mediated cystic fibrosis gene transfer agent following repeated monthly aerosol administration to sheep. *Biomaterials*, **2013**, 34, 10267-77	15.6	26
273	The mitosis and neurodevelopment proteins NDE1 and NDEL1 form dimers, tetramers, and polymers with a folded back structure in solution. *Journal of Biological Chemistry*, **2012**, 287, 32381-93	5.4	26
272	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*, **2020**, 52, 1314-1332	36.3	26
271	A Combined Pathway and Regional Heritability Analysis Indicates NETRIN1 Pathway Is Associated With Major Depressive Disorder. *Biological Psychiatry*, **2017**, 81, 336-346	7.9	25
270	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. *International Journal of Epidemiology*, **2017**, 46, 894-904	7.8	25
269	Alzheimer's disease susceptibility genes APOE and TOMM40, and hippocampal volumes in the Lothian birth cohort 1936. *PLoS ONE*, **2013**, 8, e80513	3.7	25
268	Cytogenetics and gene discovery in psychiatric disorders. *Pharmacogenomics Journal*, **2005**, 5, 81-8	3.5	25
267	Genes from a translational analysis support a multifactorial nature of white matter hyperintensities. *Stroke*, **2015**, 46, 341-7	6.7	24
266	Analysis of WAGR deletions and related translocations with gene-specific DNA probes, using FACS-selected cell hybrids. *Somatic Cell and Molecular Genetics*, **1988**, 14, 21-30		24

265	Genome-Wide Association Study of Suicide Death and Polygenic Prediction of Clinical Antecedents. *American Journal of Psychiatry*, **2020**, 177, 917-927	11.9	24
264	Genome-wide association study of antidepressant treatment resistance in a population-based cohort using health service prescription data and meta-analysis with GENDEP. *Pharmacogenomics Journal*, **2020**, 20, 329-341	3.5	24
263	The Dementias Platform UK (DPUK) Data Portal. *European Journal of Epidemiology*, **2020**, 35, 601-611	12.1	23
262	Rare coding variants and X-linked loci associated with age at menarche. *Nature Communications*, **2015**, 6, 7756	17.4	23
261	The severe G480C cystic fibrosis mutation, when replicated in the mouse, demonstrates mistrafficking, normal survival and organ-specific bioelectrics. *Human Molecular Genetics*, **2002**, 11, 243-51	5.6	23
260	CpG islands surround a DNA segment located between translocation breakpoints associated with genitourinary dysplasia and aniridia. *Genomics*, **1989**, 5, 685-93	4.3	23
259	Evolutionary conserved longevity genes and human cognitive abilities in elderly cohorts. *European Journal of Human Genetics*, **2012**, 20, 341-7	5.3	22
258	SELDI-TOF biomarker signatures for cystic fibrosis, asthma and chronic obstructive pulmonary disease. *Clinical Biochemistry*, **2010**, 43, 168-77	3.5	22
257	Haplotype analysis and a novel allele-sharing method refines a chromosome 4p locus linked to bipolar affective disorder. *Biological Psychiatry*, **2007**, 61, 797-805	7.9	22
256	Parent of origin genetic effects on methylation in humans are common and influence complex trait variation. *Nature Communications*, **2019**, 10, 1383	17.4	21
255	GRIK4/KA1 protein expression in human brain and correlation with bipolar disorder risk variant status. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2012**, 159B, 21-9	3.5	21
254	Genetic Stratification to Identify Risk Groups for Alzheimer's Disease. *Journal of Alzheimerls Disease* , **2017**, 57, 275-283	4.3	21
253	Recurrent Coding Sequence Variation Explains Only A Small Fraction of the Genetic Architecture of Colorectal Cancer. *Scientific Reports*, **2015**, 5, 16286	4.9	21
252	The effects of DISC1 risk variants on brain activation in controls, patients with bipolar disorder and patients with schizophrenia. *Psychiatry Research - Neuroimaging*, **2011**, 192, 20-8	2.9	21
251	Variation in DISC1 is associated with anxiety, depression and emotional stability in elderly women. *Molecular Psychiatry*, **2010**, 15, 232-4	15.1	21
250	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depressive disorder		21
249	Polygenic risk for alcohol dependence associates with alcohol consumption, cognitive function and social deprivation in a population-based cohort. *Addiction Biology*, **2016**, 21, 469-80	4.6	21
248	Investigating shared aetiology between type 2 diabetes and major depressive disorder in a population based cohort. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2017**, 174, 227-234	3.5	20

247	Copy number variation across European populations. *PLoS ONE*, **2011**, 6, e23087	3.7	20
246	The effects of plasmid copy number and sequence context upon transfection efficiency. *Journal of Controlled Release*, **2004**, 94, 245-52	11.7	20
245	Genomic sequence analysis of Fugu rubripes CFTR and flanking genes in a 60 kb region conserving synteny with 800 kb of human chromosome 7. *Genome Research*, **2000**, 10, 1194-203	9.7	20
244	Successful targeting of the mouse cystic fibrosis transmembrane conductance regulator gene in embryonal stem cells. *Transgenic Research*, **1992**, 1, 101-5	3.3	20
243	Chromosome mediated gene transfer: a functional assay for complex loci and an aid to human genome mapping. *Trends in Genetics*, **1987**, 3, 177-182	8.5	20
242	Common schizophrenia alleles are enriched in mutation-intolerant genes and maintained by background selection		20
241	Blunted medial prefrontal cortico-limbic reward-related effective connectivity and depression. *Brain*, **2020**, 143, 1946-1956	11.2	19
240	Copy number variation in the human Y chromosome in the UK population. *Human Genetics*, **2015**, 134, 789-800	6.3	19
239	Genetic copy number variation and general cognitive ability. *PLoS ONE*, **2012**, 7, e37385	3.7	19
238	Alzheimer's disease genes are associated with measures of cognitive ageing in the lothian birth cohorts of 1921 and 1936. *International Journal of Alzheimerls Disease*, **2011**, 2011, 505984	3.7	19
237	Co-ordinated action of DISC1, PDE4B and GSK3 in modulation of cAMP signalling. *Molecular Psychiatry*, **2011**, 16, 693-4	15.1	19
236	Association analysis of the chromosome 4p-located G protein-coupled receptor 78 (GPR78) gene in bipolar affective disorder and schizophrenia. *Molecular Psychiatry*, **2006**, 11, 384-94	15.1	19
235	Human olfactory marker protein maps close to tyrosinase and is a candidate gene for Usher syndrome type I. *Human Molecular Genetics*, **1993**, 2, 115-8	5.6	19
234	Bayesian reassessment of the epigenetic architecture of complex traits. *Nature Communications*, **2020**, 11, 2865	17.4	18
233	Epigenetic prediction of major depressive disorder. *Molecular Psychiatry*, **2021**, 26, 5112-5123	15.1	18
232	Exome-wide analysis of rare coding variation identifies novel associations with COPD and airflow limitation in MOCS3, IFIT3 and SERPINA12. *Thorax*, **2016**, 71, 501-9	7.3	18
231	Homozygous loss-of-function variants in European cosmopolitan and isolate populations. *Human Molecular Genetics*, **2015**, 24, 5464-74	5.6	18
230	Tripod-like cationic lipids as novel gene carriers. *Journal of Medicinal Chemistry*, **2008**, 51, 4076-84	8.3	18

229	Candidate psychiatric illness genes identified in patients with pericentric inversions of chromosome 18. *Psychiatric Genetics*, **2005**, 15, 37-44	2.9	18
228	A randomised, double-blind, placebo-controlled trial of repeated nebulisation of non-viral cystic fibrosis transmembrane conductance regulator (CFTR) gene therapy in patients with cystic fibrosis. *Efficacy and Mechanism Evaluation*, **2016**, 3, 1-210	1.7	18
227	Discovery of novel heart rate-associated loci using the Exome Chip. *Human Molecular Genetics*, **2017** , 26, 2346-2363	5.6	17
226	Genome-wide Regional Heritability Mapping Identifies a Locus Within the TOX2 Gene Associated With Major Depressive Disorder. *Biological Psychiatry*, **2017**, 82, 312-321	7.9	17
225	Endothelial nitric oxide synthase polymorphisms do not influence pulmonary artery systolic pressure at altitude. *High Altitude Medicine and Biology*, **2006**, 7, 221-7	1.9	17
224	An improved method for recovering intact pulsed field gel purified DNA, of at least 1.6 megabases. *Nucleic Acids Research*, **1994**, 22, 3245-6	20.1	17
223	Disc1 variation leads to specific alterations in adult neurogenesis. *PLoS ONE*, **2014**, 9, e108088	3.7	17
222	Genetic stratification of depression by neuroticism: revisiting a diagnostic tradition. *Psychological Medicine*, **2020**, 50, 2526-2535	6.9	17
221	Epigenome-wide association study and multi-tissue replication of individuals with alcohol use disorder: evidence for abnormal glucocorticoid signaling pathway gene regulation. *Molecular Psychiatry*, **2021**, 26, 2224-2237	15.1	16
220	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. *Nature Communications*, **2020**, 11, 2542	17.4	16
219	Translational neuroscience of schizophrenia: seeking a meeting of minds between mouse and man. *Science Translational Medicine*, **2011**, 3, 102mr3	17.5	16
218	The ATXN1 and TRIM31 genes are related to intelligence in an ADHD background: evidence from a large collaborative study totaling 4,963 subjects. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2011**, 156, 145-57	3.5	16
217	DISC1 variants 37W and 607F disrupt its nuclear targeting and regulatory role in ATF4-mediated transcription. *Human Molecular Genetics*, **2012**, 21, 2779-92	5.6	16
216	Meta-analysis of exome array data identifies six novel genetic loci for lung function. *Wellcome Open Research*, **2018**, 3, 4	4.8	16
215	European Prevention of Alzheimer's Dementia Registry: Recruitment and prescreening approach for a longitudinal cohort and prevention trials. *Alzheimerls and Dementia*, **2018**, 14, 837-842	1.2	15
214	Polygenic risk for coronary artery disease is associated with cognitive ability in older adults. *International Journal of Epidemiology*, **2016**, 45, 433-440	7.8	15
213	Genome-wide haplotype-based association analysis of major depressive disorder in Generation Scotland and UK Biobank. *Translational Psychiatry*, **2017**, 7, 1263	8.6	15
212	MEK Inhibitors Reverse cAMP-Mediated Anxiety in Zebrafish. *Chemistry and Biology*, **2015**, 22, 1335-46		15

211	DISC1 and Huntington's disease--overlapping pathways of vulnerability to neurological disorder?. *PLoS ONE*, **2011**, 6, e16263	3.7	15
210	Limitations of the murine nose in the development of nonviral airway gene transfer. *American Journal of Respiratory Cell and Molecular Biology*, **2010**, 43, 46-54	5.7	15
209	Insertion of natural intron 6a-6b into a human cDNA-derived gene therapy vector for cystic fibrosis improves plasmid stability and permits facile RNA/DNA discrimination. *Journal of Gene Medicine*, **1999**, 1, 312-21	3.5	15
208	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human Molecular Genetics*, **2019**, 28, 2615-2633	5.6	14
207	Developmental expression of orphan G protein-coupled receptor 50 in the mouse brain. *ACS Chemical Neuroscience*, **2012**, 3, 459-72	5.7	14
206	Human-mouse hybrids carrying fragments of single human chromosomes selected by tumor growth. *Genomics*, **1989**, 5, 680-4	4.3	14
205	Within-sibship GWAS improve estimates of direct genetic effects		14
204	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. *Genome Biology*, **2021**, 22, 194	18.3	14
203	Structural brain correlates of serum and epigenetic markers of inflammation in major depressive disorder. *Brain, Behavior, and Immunity*, **2021**, 92, 39-48	16.6	14
202	Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD. *EBioMedicine*, **2019**, 43, 576-586	8.8	13
201	Polygenic risk of ischemic stroke is associated with cognitive ability. *Neurology*, **2016**, 86, 611-8	6.5	13
200	DNA sequence-level analyses reveal potential phenotypic modifiers in a large family with psychiatric disorders. *Molecular Psychiatry*, **2018**, 23, 2254-2265	15.1	13
199	SuRFing the genomics wave: an R package for prioritising SNPs by functionality. *Genome Medicine*, **2014**, 6, 79	14.4	13
198	Alzheimer's disease risk factor complement receptor 1 is associated with depression. *Neuroscience Letters*, **2012**, 510, 6-9	3.3	13
197	GWAS for psychiatric disease: is the framework built on a solid foundation?. *Molecular Psychiatry*, **2009**, 14, 740-1	15.1	13
196	Power of direct vs. indirect haplotyping in association studies. *Genetic Epidemiology*, **2004**, 26, 116-24	2.6	13
195	Potent stimulation of gene expression by histone deacetylase inhibitors on transiently transfected DNA. *Biochemical and Biophysical Research Communications*, **2004**, 324, 348-54	3.4	13
194	Enhancing the efficiency of introducing precise mutations into the mouse genome by hit and run gene targeting. *Transgenic Research*, **2000**, 9, 55-66	3.3	13

193	The generation of ordered sets of cosmid DNA clones from human chromosome region 11p. *Genomics*, **1992**, 13, 89-94	4.3	13
192	Genetic and environmental determinants of stressful life events and their overlap with depression and neuroticism. *Wellcome Open Research*, **2018**, 3, 11	4.8	13
191	Risk factors for long COVID: analyses of 10 longitudinal studies and electronic health records in the UK		13
190	An epigenetic score for BMI based on DNA methylation correlates with poor physical health and major disease in the Lothian Birth Cohort. *International Journal of Obesity*, **2019**, 43, 1795-1802	5.5	12
189	How DISC1 regulates postnatal brain development: girdin gets in on the AKT. *Neuron*, **2009**, 63, 711-3	13.9	12
188	Residual cftr expression varies with age in cftr(tm1Hgu) cystic fibrosis mice: impact on morphology and physiology. *Pathobiology*, **2002**, 70, 89-97	3.6	12
187	A 6.9-Mb high-resolution BAC/PAC contig of human 4p15.3-p16.1, a candidate region for bipolar affective disorder. *Genomics*, **2001**, 71, 315-23	4.3	12
186	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2019**, 4, 91-100	3.4	12
185	Regional variation in health is predominantly driven by lifestyle rather than genetics. *Nature Communications*, **2017**, 8, 801	17.4	11
184	Human-specific cystic fibrosis transmembrane conductance regulator antibodies detect in vivo gene transfer to ovine airways. *American Journal of Respiratory Cell and Molecular Biology*, **2006**, 35, 72-83	5.7	11
183	Isolation and characterization of the mouse translin-associated protein X (Trax) gene. *Mammalian Genome*, **2000**, 11, 395-8	3.2	11
182	Rapid quantitation of gene therapy specific CFTR expression using the amplification refractory mutation system. *BioTechniques*, **1999**, 27, 122-6	2.5	11
181	Genetic and environmental determinants of stressful life events and their overlap with depression and neuroticism. *Wellcome Open Research*, **2018**, 3, 11	4.8	11
180	DISC1 regulates N-methyl-D-aspartate receptor dynamics: abnormalities induced by a Disc1 mutation modelling a translocation linked to major mental illness. *Translational Psychiatry*, **2018**, 8, 184	8.6	11
179	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. *Biological Psychiatry*, **2021**,	7.9	11
178	Identification of epigenome-wide DNA methylation differences between carriers of APOE 4 and APOE 2 alleles. *Genome Medicine*, **2021**, 13, 1	14.4	11
177	The genetic landscape of Scotland and the Isles. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 19064-19070	11.5	10
176	APOE/TOMM40 genetic loci, white matter hyperintensities, and cerebral microbleeds. *International Journal of Stroke*, **2015**, 10, 1297-300	6.3	10

175	Current versus lifetime depression, APOE variation, and their interaction on cognitive performance in younger and older adults. *Psychosomatic Medicine*, **2015**, 77, 480-92	3.7	10
174	Sex-Differences in the Metabolic Health of Offspring of Parents with Diabetes: A Record-Linkage Study. *PLoS ONE*, **2015**, 10, e0134883	3.7	10
173	Sero-prevalence and incidence of A/H1N1 2009 influenza infection in Scotland in winter 2009-2010. *PLoS ONE*, **2011**, 6, e20358	3.7	10
172	Novel transcribed sequences neighbouring a translocation breakpoint associated with schizophrenia. *American Journal of Medical Genetics Part A*, **1997**, 74, 82-90		10
171	Modelling cystic fibrosis in the mouse. *Trends in Molecular Medicine*, **1995**, 1, 140-8		10
170	Gene therapy for cystic fibrosis--where and when?. *Human Molecular Genetics*, **1993**, 2, 211-2	5.6	10
169	Alu-based vectorettes and splinkerettes. More efficient and comprehensive polymerase chain reaction amplification of human DNA from complex sources. *Genetic Analysis, Techniques and Applications*, **1994**, 11, 95-101		10
168	Distribution of Alu and L1 repeats in human YAC recombinants. *Mammalian Genome*, **1992**, 3, 661-8	3.2	10
167	Mapping a chromosome to find a gene. *Trends in Genetics*, **1986**, 2, 4-5	8.5	10
166	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.. *Wellcome Open Research*, **2019**, 4, 185	4.8	10
165	Altered DNA methylation associated with a translocation linked to major mental illness. *NPJ Schizophrenia*, **2018**, 4, 5	5.5	9
164	A pilot study of urinary peptides as biomarkers for intelligence in old age. *Intelligence*, **2011**, 39, 46-53	3	9
163	Computational comparison of human genomic sequence assemblies for a region of chromosome 4. *Genome Research*, **2002**, 12, 424-9	9.7	9
162	Cloning the shared components of complex DNA resources. *Human Molecular Genetics*, **1994**, 3, 2011-7	5.6	9
161	Electronic health record and genome-wide genetic data in Generation Scotland participants. *Wellcome Open Research*, **2017**, 2, 85	4.8	9
160	Response to Amar J. Klar: The chromosome 1;11 translocation provides the best evidence supporting genetic etiology for schizophrenia and bipolar affective disorders. *Genetics*, **2003**, 163, 833-5; author reply 837-8	4	9
159	Genome-wide association study of alcohol consumption and genetic overlap with other health-related traits in UK Biobank (N=112,117)		9
158	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. *Biological Psychiatry*, **2020**, 87, 419-430	7.9	9

157	Genome-wide analysis of gene dosage in 24,092 individuals estimates that 10,000 genes modulate cognitive ability. *Molecular Psychiatry*, **2021**, 26, 2663-2676	15.1	9
156	Genetic stratification of depression in UK Biobank. *Translational Psychiatry*, **2020**, 10, 163	8.6	8
155	Investigating genetic links between grapheme-colour synaesthesia and neuropsychiatric traits. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2019**, 374, 20190026	5.8	8
154	An immunocytochemical assay to detect human CFTR expression following gene transfer. *Molecular and Cellular Probes*, **2009**, 23, 272-80	3.3	8
153	Assessment of dried blood spots for DNA methylation profiling. *Wellcome Open Research*, **2019**, 4, 44	4.8	8
152	Epigenetic clocks predict prevalence and incidence of leading causes of death and disease burden		8
151	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
150	Accelerated Epigenetic Ageing in Major Depressive Disorder		8
149	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions		8
148	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2020**, 183, 309-330	3.5	8
147	Validation of Surrogates of Urine Osmolality in Population Studies. *American Journal of Nephrology*, **2017**, 46, 26-36	4.6	7
146	Insulin resistance: Genetic associations with depression and cognition in population based cohorts. *Experimental Neurology*, **2019**, 316, 20-26	5.7	7
145	Phenotypic and genetic analysis of cognitive performance in Major Depressive Disorder in the Generation Scotland: Scottish Family Health Study. *Translational Psychiatry*, **2018**, 8, 63	8.6	7
144	SOX11 target genes: implications for neurogenesis and neuropsychiatric illness. *Acta Neuropsychiatrica*, **2012**, 24, 16-25	3.9	7
143	Self-reactive CFTR T cells in humans: implications for gene therapy. *Human Gene Therapy Clinical Development*, **2013**, 24, 108-15	3.2	7
142	ADRB2, brain white matter integrity and cognitive ageing in the Lothian Birth Cohort 1936. *Behavior Genetics*, **2013**, 43, 13-23	3.2	7
141	The role of ECE1 variants in cognitive ability in old age and Alzheimer's disease risk. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2012**, 159B, 696-709	3.5	7
140	A case-control association study and family-based expression analysis of the bipolar disorder candidate gene PI4K2B. *Journal of Psychiatric Research*, **2009**, 43, 1272-7	5.2	7

139	An interrupted beta-propeller and protein disorder: structural bioinformatics insights into the N-terminus of alsin. *Journal of Molecular Modeling*, **2009**, 15, 113-22	2	7
138	Is schizophrenia linked to chromosome 1q?. *Science*, **2002**, 298, 2277; author reply 2277	33.3	7
137	A contiguous clone map over 3 Mb on the long arm of chromosome 11 across a balanced translocation associated with schizophrenia. *Genomics*, **1995**, 28, 420-8	4.3	7
136	EagI and NotI linking clones from human chromosomes 11 and Xp. *Human Genetics*, **1996**, 97, 742-9	6.3	7
135	High frequency gene targeting using insertional vectors. *Human Molecular Genetics*, **1993**, 2, 1299-302	5.6	7
134	Long-range structure of H-ras 1-selected transgenomes. *Somatic Cell and Molecular Genetics*, **1989**, 15, 229-35		7
133	Clinical classifiers of COVID-19 infection from novel ultra-high-throughput proteomics		7
132	Birth weight associations with DNA methylation differences in an adult population. *Epigenetics*, **2021**, 16, 783-796	5.7	7
131	CovidLife: a resource to understand mental health, well-being and behaviour during the COVID-19 pandemic in the UK. *Wellcome Open Research*,6, 176	4.8	7
130	The Genetic Architecture of Depression in Individuals of East Asian Ancestry: A Genome-Wide Association Study. *JAMA Psychiatry*, **2021**, 78, 1258-1269	14.5	7
129	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.. *Nature Genetics*, **2022**,	36.3	7
128	Exome sequencing to detect rare variants associated with general cognitive ability: a pilot study. *Twin Research and Human Genetics*, **2015**, 18, 117-25	2.2	6
127	Genetic variation in Hyperpolarization-activated cyclic nucleotide-gated channels and its relationship with neuroticism, cognition and risk of depression. *Frontiers in Genetics*, **2012**, 3, 116	4.5	6
126	Coincident sequence cloning: a new approach to genome analysis. *Trends in Biotechnology*, **1992**, 10, 40-4	15.1	6
125	A proteomic survival predictor for COVID-19 patients in intensive care **2022**, 1, e0000007		6
124	Meta-analysis of exome array data identifies six novel genetic loci for lung function. *Wellcome Open Research*,3, 4	4.8	6
123	Complex variation in measures of general intelligence and cognitive change. *PLoS ONE*, **2013**, 8, e81189	3.7	6
122	Global Biobank Meta-analysis Initiative: powering genetic discovery across human diseases		6

121	Genetic stratification of depression in UK Biobank suggests a subgroup linked to age of natural menopause		6
120	Ninety-nine independent genetic loci influencing general cognitive function include genes associated with brain health and structure (N = 280,360)		6
119	A time-resolved proteomic and diagnostic map characterizes COVID-19 disease progression and predicts outcome		6
118	Improved prediction of chronological age from DNA methylation limits it as a biomarker of ageing		6
117	Prescreening for European Prevention of Alzheimer Dementia (EPAD) trial-ready cohort: impact of AD risk factors and recruitment settings. *Alzheimerls Research and Therapy*, **2020**, 12, 8	9	6
116	Pre-pandemic mental health and disruptions to healthcare, economic, and housing outcomes during COVID 19: evidence from 12 UK longitudinal studies		6
115	Pre-pandemic mental health and disruptions to healthcare, economic and housing outcomes during the COVID-19 pandemic: evidence from 12 UK longitudinal studies.. *British Journal of Psychiatry*, **2022**, 220, 21-30	5.4	6
114	Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects.. *Nature Genetics*, **2022**, 54, 581-592	36.3	6
113	DNA methylation in APOE: The relationship with Alzheimer's and with cardiovascular health. *Alzheimerls and Dementia: Translational Research and Clinical Interventions*, **2020**, 6, e12026	6	5
112	Effects of gene copy number variants on personality and mood in ageing cohorts. *Personality and Individual Differences*, **2012**, 53, 393-397	3.3	5
111	Human repeat-mediated integration of selectable markers into somatic cell hybrids. *Genome Research*, **1995**, 5, 444-52	9.7	5
110	Novel transcribed sequences represented in the complex genomic region 5q13. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1996**, 1308, 97-102		5
109	Rapid isolation and characterization of hybridization selected recombinants from lambda genomic libraries. *Analytical Biochemistry*, **1986**, 159, 17-23	3.1	5
108	Cystic fibrosis: from linked markers to the gene. *Trends in Genetics*, **1986**, 2, 149-152	8.5	5
107	Identification and Characterization of a Homozygous Deletion Found in Ovarian Ascites by Representational Difference Analysis. *Genome Research*, **1999**, 9, 226-233	9.7	5
106	New genetic signals for lung function highlight pathways and pleiotropy, and chronic obstructive pulmonary disease associations across multiple ancestries		5
105	Birth weight associations with psychiatric and physical health, cognitive function, and DNA methylation differences in an adult population		5
104	Genome-wide association study of cardiac troponin I in the general population. *Human Molecular Genetics*, **2021**, 30, 2027-2039	5.6	5

103	Polygenic contributions to alcohol use and alcohol use disorders across population-based and clinically ascertained samples. *Psychological Medicine*, **2021**, 51, 1147-1156	6.9	5
102	The influence of X chromosome variants on trait neuroticism. *Molecular Psychiatry*, **2021**, 26, 483-491	15.1	5
101	Acute COVID-19 severity and mental health morbidity trajectories in patient populations of six nations: an observational study.. *Lancet Public Health, The*, **2022**,	22.4	5
100	Molecular Genetic Risk for Psychosis Is Associated With Psychosis Risk Symptoms in a Population-Based UK Cohort: Findings From Generation Scotland. *Schizophrenia Bulletin*, **2020**,	1.3	4
99	A new yeast artificial chromosome vector designed for gene transfer into mammalian cells. *Gene*, **1998**, 210, 163-72	3.8	4
98	Construction of a library enriched for human chromosome 11 and Xp YAC recombinants. *Mammalian Genome*, **1991**, 1, 265-6	3.2	4
97	How relevant are mouse models for human diseases to somatic gene therapy?. *Trends in Biotechnology*, **1993**, 11, 173-81	15.1	4
96	Genomic analysis of family data reveals additional genetic effects on intelligence and personality		4
95	An epigenetic score for BMI based on DNA methylation correlates with poor physical health and major disease in the Lothian Birth Cohort 1936		4
94	Genetic and shared couple environmental contributions to smoking and alcohol use in the UK population. *Molecular Psychiatry*, **2021**, 26, 4344-4354	15.1	4
93	Psychological Distress Before and During the COVID-19 Pandemic Among Adults in the United Kingdom Based on Coordinated Analyses of 11 Longitudinal Studies.. *JAMA Network Open*, **2022**, 5, e227629	10.4	4
92	Pharmaco-epidemiology of antidepressant exposure in a UK cohort record-linkage study. *Journal of Psychopharmacology*, **2019**, 33, 482-493	4.6	3
91	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. *Molecular Psychiatry*, **2021**, 26, 2111-2125	15.1	3
90	Using tree-based methods for detection of gene-gene interactions in the presence of a polygenic signal: simulation study with application to educational attainment in the Generation Scotland Cohort Study. *Bioinformatics*, **2019**, 35, 181-188	7.2	3
89	Structural Brain MRI Trait Polygenic Score Prediction of Cognitive Abilities. *Twin Research and Human Genetics*, **2015**, 18, 738-45	2.2	3
88	Detection of CFTR transgene mRNA expression in respiratory epithelium isolated from the murine nasal cavity. *Journal of Gene Medicine*, **2010**, 12, 55-63	3.5	3
87	Cystic fibrosis--the way forward from the gene. *Trends in Biotechnology*, **1991**, 9, 48-52	15.1	3
86	Cystic fibrosis: prospects for therapy. *BioEssays*, **1993**, 15, 485-6	4.1	3

85	SV40-mediated tumor selection and chromosome transfer to enrich for cystic fibrosis region. *Somatic Cell and Molecular Genetics*, **1990**, 16, 29-38		3
84	Haplotype-based association analysis of general cognitive ability in Generation Scotland, the English Longitudinal Study of Ageing, and UK Biobank. *Wellcome Open Research*, **2017**, 2, 61	4.8	3
83	Genome-wide association study of suicide death and polygenic prediction of clinical antecedents		3
82	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility. *PLoS ONE*, **2021**, 16, e0255402	3.7	3
81	Genome-Wide Association Study of NAFLD Using Electronic Health Records. *Hepatology Communications*, **2021**,	6	3
80	THE IDENTIFICATION OF HETEROGENEOUS GENETIC SUBGROUPS FOR MAJOR DEPRESSIVE DISORDER. *European Neuropsychopharmacology*, **2019**, 29, S846	1.2	2
79	Association between cognition and gene polymorphisms involved in thrombosis and haemostasis. *Age*, **2015**, 37, 9820		2
78	Two-back makes step forward in brain imaging genomics. *Neuron*, **2014**, 81, 959-961	13.9	2
77	Good cop, Polish cop: findings from an evaluation of the secondment of two Polish police officers to work with the Metropolitan Police Service. *Safer Communities*, **2011**, 10, 32-41	0.6	2
76	RETHINKING THE GENETIC ARCHITECTURE OF SCHIZOPHRENIA. *Schizophrenia Research*, **2010**, 117, 222	3.6	2
75	Generation Scotland: Donor DNA Databank; A control DNA resource. *BMC Medical Genetics*, **2010**, 11, 166	2.1	2
74	Elimination of contaminant Escherichia coli chromosomal DNA from preparations of P1 artificial chromosome recombinants facilitates directed subcloning. *Electrophoresis*, **1999**, 20, 1469-75	3.6	2
73	Rapid isolation of moderate and highly polymorphic DNA fragments mapping close to WT (Wilms' tumour) and AN2 (aniridia) on chromosome 11. *Human Genetics*, **1989**, 81, 349-52	6.3	2
72	Casting multiple aliquots of agarose-embedded cells for PFGE analysis. *Trends in Genetics*, **1990**, 6, 346	8.5	2
71	An in vitro terminal dilution method for assay of the survival of non-adhering cells. *International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine*, **1972**, 21, 87-91		2
70	Epigenetic scores for the circulating proteome as tools for disease prediction.. *ELife*, **2022**, 11,	8.9	2
69	Using a knowledge exchange event to assess study participants' attitudes to research in a rapidly evolving research context. *Wellcome Open Research*, **2020**, 5, 24	4.8	2
68	Cohort Profile: COVIDMENT: COVID-19 cohorts on mental health across six nations.. *International Journal of Epidemiology*, **2021**,	7.8	2

67	TeenCovidLife: a resource to understand the impact of the COVID-19 pandemic on adolescents in Scotland. *Wellcome Open Research*,6, 277	4.8	2
66	Using a knowledge exchange event to assess study participants attitudes to research in a rapidly evolving research context. *Wellcome Open Research*, **2020**, 5, 24	4.8	2
65	Generation Scotland participant survey on data collection. *Wellcome Open Research*, **2019**, 4, 111	4.8	2
64	Electronic Health Record and Genome-wide Genetic Data in Generation Scotland Participants		2
63	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility		2
62	Dissecting the shared genetic architecture of suicide attempt, psychiatric disorders and known risk factors		2
61	Epigenetic scores for the circulating proteome as tools for disease prediction		2
60	GWAS on family history of Alzheimer's disease		2
59	Bayesian reassessment of the epigenetic architecture of complex traits		2
58	A meta-analysis of genome-wide association studies of epigenetic age acceleration		2
57	Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank		2
56	Blood-based epigenome-wide analyses of cognitive abilities		2
55	Sex Differences in Cardiac Troponin I and T and the Prediction of Cardiovascular Events in the General Population. *Clinical Chemistry*, **2021**, 67, 1351-1360	5.5	2
54	Meta-GWAS Reveals Novel Genetic Variants Associated with Urinary Excretion of Uromodulin.. *Journal of the American Society of Nephrology: JASN*, **2022**, 33, 511-529	12.7	2
53	PCR-generated cross-over linkers for site-directed mutagenesis. *BioTechniques*, **1997**, 23, 827-30	2.5	1
52	In silico identification of transcripts and SNPs from a region of 4p linked with bipolar affective disorder. *Bioinformatics*, **2000**, 16, 735-8	7.2	1
51	Experimental dissection of interactive systems in vivo: Inhibition and repression in the arginine pathway of Neurospora crassa. *Biochemical Society Transactions*, **1983**, 11, 94-96	5.1	1
50	Blood-based epigenome-wide analyses of cognitive abilities.. *Genome Biology*, **2022**, 23, 26	18.3	1

49	Lifestyle and Genetic Factors Modify Parent-of-Origin Effects on the Human Methylome. *EBioMedicine*, **2021**, 74, 103730	8.8	1
48	Comparing human genome mapping data. *Science*, **2001**, 293, 2394-5	33.3	1
47	Meta-analysis of exome array data identifies six novel genetic loci for lung function. *Wellcome Open Research*,3, 4	4.8	1
46	Genome-wide interaction study with major depression identifies novel variants associated with cognitive function. *Molecular Psychiatry*, **2021**,	15.1	1
45	Psychological Distress Before and During the COVID-19 Pandemic: Sociodemographic Inequalities in 11 UK Longitudinal Studies		1
44	Applying the access frontier. *Enterprise Development and Microfinance*, **2008**, 19, 137-153	0.4	1
43	Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD		1
42	An epigenome-wide association study of sex-specific chronological ageing		1
41	Epigenetic prediction of major depressive disorder		1
40	Genetic and shared couple environmental contributions to smoking and alcohol use in the UK population		1
39	Genetic analysis identifies molecular systems and biological pathways associated with household income		1
38	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
37	Genome-wide haplotype-based association analysis of major depressive disorder in Generation Scotland and UK Biobank		1
36	Housing Finance and Financial Inclusion **2011**, 7-48		1
35	Epigenome-wide analyses identify DNA methylation signatures of dementia risk. *Alzheimerls and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2020**, 12, e12078	5.2	1
34	Estimating the effects of copy-number variants on intelligence using hierarchical Bayesian models. *Genetic Epidemiology*, **2020**, 44, 825-840	2.6	1
33	Contribution of common risk variants to multiple sclerosis in Orkney and Shetland. *European Journal of Human Genetics*, **2021**, 29, 1701-1709	5.3	1
32	A proteomic survival predictor for COVID-19 patients in intensive care		1

31	Socioeconomic position and mental health during the COVID-19 pandemic: a cross-sectional analysis of the CovidLife study. *Wellcome Open Research*,6, 139	4.8	1
30	Functional brain defects in a mouse model of a chromosomal t(1;11) translocation that disrupts DISC1 and confers increased risk of psychiatric illness. *Translational Psychiatry*, **2021**, 11, 135	8.6	1
29	Genome-wide methylation data improves dissection of the effect of smoking on body mass index. *PLoS Genetics*, **2021**, 17, e1009750	6	1
28	Methylome-wide association study of antidepressant use in Generation Scotland and the Netherlands Twin Register implicates the innate immune system. *Molecular Psychiatry*, **2021**,	15.1	1
27	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. *Communications Biology*, **2022**, 5,	6.7	1
26	Association of low-frequency and rare coding variants with information processing speed. *Translational Psychiatry*, **2021**, 11, 613	8.6	0
25	Epigenome-wide association study of global cortical volumes in generation Scotland: Scottish family health study. *Epigenetics*, **2021**, 1-17	5.7	0
24	Loss of SORCS2 is Associated with Neuronal DNA Double-Strand Breaks. *Cellular and Molecular Neurobiology*, **2021**, 1	4.6	0
23	Hair glucocorticoids are associated with childhood adversity, depressive symptoms and reduced global and lobar grey matter in Generation Scotland. *Translational Psychiatry*, **2021**, 11, 523	8.6	0
22	Variants associated with HHIP expression have sex-differential effects on lung function. *Wellcome Open Research*, **2020**, 5, 111	4.8	0
21	Genome-wide association study of susceptibility to hospitalised respiratory infections. *Wellcome Open Research*,6, 290	4.8	0
20	Variants associated with expression have sex-differential effects on lung function. *Wellcome Open Research*, **2020**, 5, 111	4.8	0
19	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. *Wellcome Open Research*,4, 185	4.8	0
18	Spectral clustering based on structural magnetic resonance imaging and its relationship with major depressive disorder and cognitive ability. *European Journal of Neuroscience*, **2021**, 54, 6281-6303	3.5	0
17	Complex trait methylation scores in the prediction of major depressive disorder.. *EBioMedicine*, **2022**, 79, 104000	8.8	0
16	TeenCovidLife: resource to understand the impact of the COVID-19 pandemic on adolescents in Scotland. *Wellcome Open Research*,6, 277	4.8	0
15	Charging for primary care disproportionately affects the poor. *BMJ, The*, **2014**, 349, g6310	5.9	
14	Large-Scale Genomic Analyses Link Reproductive Aging to Hypothalamic Signaling, Breast Cancer Susceptibility, and BRCA1-Mediated DNA Repair. *Obstetrical and Gynecological Survey*, **2015**, 70, 758-762	2.4	

13	The homeobox gene BARX2 can modulate cisplatin sensitivity in human epithelial ovarian cancer **2002**, 21, 929	
12	Twin peaks: the draft human genome sequence. *Genome Biology*, **2001**, 2, COMMENT2003	18.3
11	Erratum. *Science*, **1992**, 255, 269	33.3
10	SNP and Haplotype Regional Heritability Mapping (SNHap-RHM): Joint Mapping of Common and Rare Variation Affecting Complex Traits.. *Frontiers in Genetics*, **2021**, 12, 791712	4.5
9	RuralCovidLife: Study protocol and description of the data. *Wellcome Open Research*,6, 317	4.8
8	Rare Genes of Major Effect in Neuropsychiatric Diseases. *Medical Psychiatry*, **2007**, 55-80	
7	1461-P: Cardiac Troponin T and Troponin I and Incident Diabetes in the General Population: Generation Scotland Scottish Family Health Study. *Diabetes*, **2019**, 68, 1461-P	0.9
6	Generation Scotland participant survey on data collection. *Wellcome Open Research*,4, 111	4.8
5	Gene Mappers at Cold Spring Harbor. *Science*, **1992**, 255, 269-269	33.3
4	Genome-Wide Association Study Identifies Multiple Genetic Loci for Activated Partial Thromboplastin Time and Prothrombin Time. *Blood*, **2010**, 116, 4222-4222	2.2
3	Face covering adherence is positively associated with better mental health and wellbeing: a longitudinal analysis of the CovidLife surveys. *Wellcome Open Research*,6, 62	4.8
2	Genome- and epigenome-wide studies of plasma protein biomarkers for Alzheimer's disease implicate TBCA and TREM2 in disease risk.. *Alzheimerls and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2022**, 14, e12280	5.2
1	RuralCovidLife: A new resource for the impact of the pandemic on rural Scotland.. *Wellcome Open Research*,6, 317	4.8