

David J Porteous

List of Publications by Year in Descending Order

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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.

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 | A proteomic survival predictor for COVID-19 patients in intensive care 2022 , 1, e0000007 | | 6 |
| 479 | Blood-based epigenome-wide analyses of cognitive abilities.. <i>Genome Biology</i> , 2022 , 23, 26 | 18.3 | 1 |
| 478 | Epigenetic scores for the circulating proteome as tools for disease prediction.. <i>ELife</i> , 2022 , 11, | 8.9 | 2 |
| 477 | Pre-pandemic mental health and disruptions to healthcare, economic and housing outcomes during the COVID-19 pandemic: evidence from 12 UK longitudinal studies.. <i>British Journal of Psychiatry</i> , 2022 , 220, 21-30 | 5.4 | 6 |
| 476 | Meta-GWAS Reveals Novel Genetic Variants Associated with Urinary Excretion of Uromodulin.. <i>Journal of the American Society of Nephrology: JASN</i> , 2022 , 33, 511-529 | 12.7 | 2 |
| 475 | Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.. <i>Nature Genetics</i> , 2022 , | 36.3 | 7 |
| 474 | Acute COVID-19 severity and mental health morbidity trajectories in patient populations of six nations: an observational study.. <i>Lancet Public Health</i> , The , 2022 , | 22.4 | 5 |
| 473 | Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. <i>Nature</i> , 2022 , | 50.4 | 35 |
| 472 | Psychological Distress Before and During the COVID-19 Pandemic Among Adults in the United Kingdom Based on Coordinated Analyses of 11 Longitudinal Studies.. <i>JAMA Network Open</i> , 2022 , 5, e227629 | 10.4 | 4 |
| 471 | Genome- and epigenome-wide studies of plasma protein biomarkers for Alzheimer's disease implicate TBCA and TREM2 in disease risk.. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022 , 14, e12280 | 5.2 | |
| 470 | Complex trait methylation scores in the prediction of major depressive disorder.. <i>EBioMedicine</i> , 2022 , 79, 104000 | 8.8 | 0 |
| 469 | Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects.. <i>Nature Genetics</i> , 2022 , 54, 581-592 | 36.3 | 6 |
| 468 | Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5, | 6.7 | 1 |
| 467 | Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125 | 15.1 | 3 |
| 466 | Epigenome-wide association study and multi-tissue replication of individuals with alcohol use disorder: evidence for abnormal glucocorticoid signaling pathway gene regulation. <i>Molecular Psychiatry</i> , 2021 , 26, 2224-2237 | 15.1 | 16 |
| 465 | Epigenetic prediction of major depressive disorder. <i>Molecular Psychiatry</i> , 2021 , 26, 5112-5123 | 15.1 | 18 |
| 464 | SNP and Haplotype Regional Heritability Mapping (SNHap-RHM): Joint Mapping of Common and Rare Variation Affecting Complex Traits.. <i>Frontiers in Genetics</i> , 2021 , 12, 791712 | 4.5 | |

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| 463 | Lifestyle and Genetic Factors Modify Parent-of-Origin Effects on the Human Methylome. <i>EBioMedicine</i> , 2021 , 74, 103730 | 8.8 | 1 |
| 462 | Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021 , 11, 613 | 8.6 | 0 |
| 461 | Epigenome-wide association study of global cortical volumes in generation Scotland: Scottish family health study. <i>Epigenetics</i> , 2021 , 1-17 | 5.7 | 0 |
| 460 | Loss of SORCS2 is Associated with Neuronal DNA Double-Strand Breaks. <i>Cellular and Molecular Neurobiology</i> , 2021 , 1 | 4.6 | 0 |
| 459 | Genome-wide interaction study with major depression identifies novel variants associated with cognitive function. <i>Molecular Psychiatry</i> , 2021 , | 15.1 | 1 |
| 458 | Cohort Profile: COVIDMENT: COVID-19 cohorts on mental health across six nations.. <i>International Journal of Epidemiology</i> , 2021 , | 7.8 | 2 |
| 457 | Hair glucocorticoids are associated with childhood adversity, depressive symptoms and reduced global and lobar grey matter in Generation Scotland. <i>Translational Psychiatry</i> , 2021 , 11, 523 | 8.6 | 0 |
| 456 | Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021 , 591, 92-98 | 50.4 | 451 |
| 455 | Birth weight associations with DNA methylation differences in an adult population. <i>Epigenetics</i> , 2021 , 16, 783-796 | 5.7 | 7 |
| 454 | Genome-wide association study of cardiac troponin I in the general population. <i>Human Molecular Genetics</i> , 2021 , 30, 2027-2039 | 5.6 | 5 |
| 453 | The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860 | 36.3 | 44 |
| 452 | Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021 , 22, 194 | 18.3 | 14 |
| 451 | Contribution of common risk variants to multiple sclerosis in Orkney and Shetland. <i>European Journal of Human Genetics</i> , 2021 , 29, 1701-1709 | 5.3 | 1 |
| 450 | 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 |
| 449 | 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 |
| 448 | The influence of X chromosome variants on trait neuroticism. <i>Molecular Psychiatry</i> , 2021 , 26, 483-491 | 15.1 | 5 |
| 447 | Structural brain correlates of serum and epigenetic markers of inflammation in major depressive disorder. <i>Brain, Behavior, and Immunity</i> , 2021 , 92, 39-48 | 16.6 | 14 |
| 446 | Functional brain defects in a mouse model of a chromosomal t(1;11) translocation that disrupts DISC1 and confers increased risk of psychiatric illness. <i>Translational Psychiatry</i> , 2021 , 11, 135 | 8.6 | 1 |

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| 445 | Sex Differences in Cardiac Troponin I and T and the Prediction of Cardiovascular Events in the General Population. <i>Clinical Chemistry</i> , 2021 , 67, 1351-1360 | 5.5 | 2 |
| 444 | Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility. <i>PLoS ONE</i> , 2021 , 16, e0255402 | 3.7 | 3 |
| 443 | A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021 , 12, 780-794.e7 | 10.6 | 32 |
| 442 | 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 |
| 441 | Genome-Wide Association Study of NAFLD Using Electronic Health Records. <i>Hepatology Communications</i> , 2021 , | 6 | 3 |
| 440 | Spectral clustering based on structural magnetic resonance imaging and its relationship with major depressive disorder and cognitive ability. <i>European Journal of Neuroscience</i> , 2021 , 54, 6281-6303 | 3.5 | 0 |
| 439 | Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. <i>Biological Psychiatry</i> , 2021 , | 7.9 | 11 |
| 438 | Genome-wide methylation data improves dissection of the effect of smoking on body mass index. <i>PLoS Genetics</i> , 2021 , 17, e1009750 | 6 | 1 |
| 437 | Genome-wide analysis of gene dosage in 24,092 individuals estimates that 10,000 genes modulate cognitive ability. <i>Molecular Psychiatry</i> , 2021 , 26, 2663-2676 | 15.1 | 9 |
| 436 | Identification of epigenome-wide DNA methylation differences between carriers of APOE ϵ 4 and APOE ϵ 2 alleles. <i>Genome Medicine</i> , 2021 , 13, 1 | 14.4 | 11 |
| 435 | Methylome-wide association study of antidepressant use in Generation Scotland and the Netherlands Twin Register implicates the innate immune system. <i>Molecular Psychiatry</i> , 2021 , | 15.1 | 1 |
| 434 | 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 |
| 433 | Ultra-High-Throughput Clinical Proteomics Reveals Classifiers of COVID-19 Infection. <i>Cell Systems</i> , 2020 , 11, 11-24.e4 | 10.6 | 219 |
| 432 | Genetic stratification of depression in UK Biobank. <i>Translational Psychiatry</i> , 2020 , 10, 163 | 8.6 | 8 |
| 431 | Blunted medial prefrontal cortico-limbic reward-related effective connectivity and depression. <i>Brain</i> , 2020 , 143, 1946-1956 | 11.2 | 19 |
| 430 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542 | 17.4 | 16 |
| 429 | Bayesian reassessment of the epigenetic architecture of complex traits. <i>Nature Communications</i> , 2020 , 11, 2865 | 17.4 | 18 |
| 428 | Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020 , 25, 1430-1446 | 15.1 | 47 |

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|-----|--|------|----|
| 427 | 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 |
| 426 | The Dementias Platform UK (DPUK) Data Portal. <i>European Journal of Epidemiology</i> , 2020 , 35, 601-611 | 12.1 | 23 |
| 425 | 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 |
| 424 | 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 |
| 423 | Variants associated with HHIP expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111 | 4.8 | 0 |
| 422 | Prescreening for European Prevention of Alzheimer Dementia (EPAD) trial-ready cohort: impact of AD risk factors and recruitment settings. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 8 | 9 | 6 |
| 421 | Genome-Wide Association Study of Suicide Death and Polygenic Prediction of Clinical Antecedents. <i>American Journal of Psychiatry</i> , 2020 , 177, 917-927 | 11.9 | 24 |
| 420 | 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 |
| 419 | Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020 , 52, 1314-1332 | 36.3 | 26 |
| 418 | Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 696-708 | 35.1 | 29 |
| 417 | Epigenetic measures of ageing predict the prevalence and incidence of leading causes of death and disease burden. <i>Clinical Epigenetics</i> , 2020 , 12, 115 | 7.7 | 40 |
| 416 | 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 |
| 415 | Estimating the effects of copy-number variants on intelligence using hierarchical Bayesian models. <i>Genetic Epidemiology</i> , 2020 , 44, 825-840 | 2.6 | 1 |
| 414 | Variants associated with expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111 | 4.8 | 0 |
| 413 | Genome-wide association study of antidepressant treatment resistance in a population-based cohort using health service prescription data and meta-analysis with GENDEP. <i>Pharmacogenomics Journal</i> , 2020 , 20, 329-341 | 3.5 | 24 |
| 412 | Genetic contributions to two special factors of neuroticism are associated with affluence, higher intelligence, better health, and longer life. <i>Molecular Psychiatry</i> , 2020 , 25, 3034-3052 | 15.1 | 27 |
| 411 | Genetic stratification of depression by neuroticism: revisiting a diagnostic tradition. <i>Psychological Medicine</i> , 2020 , 50, 2526-2535 | 6.9 | 17 |
| 410 | Factors associated with sharing e-mail information and mental health survey participation in large population cohorts. <i>International Journal of Epidemiology</i> , 2020 , 49, 410-421 | 7.8 | 32 |

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|-----|--|------|-----|
| 409 | Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020 , 87, 419-430 | 7.9 | 9 |
| 408 | 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 |
| 407 | Improved precision of epigenetic clock estimates across tissues and its implication for biological ageing. <i>Genome Medicine</i> , 2019 , 11, 54 | 14.4 | 81 |
| 406 | The genetic landscape of Scotland and the Isles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19064-19070 | 11.5 | 10 |
| 405 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474 | 36.3 | 122 |
| 404 | Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376 | 17.4 | 41 |
| 403 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972 | 36.3 | 217 |
| 402 | THE IDENTIFICATION OF HETEROGENEOUS GENETIC SUBGROUPS FOR MAJOR DEPRESSIVE DISORDER. <i>European Neuropsychopharmacology</i> , 2019 , 29, S846 | 1.2 | 2 |
| 401 | Cardiac Troponin T and Troponin I in the General Population. <i>Circulation</i> , 2019 , 139, 2754-2764 | 16.7 | 90 |
| 400 | Parent of origin genetic effects on methylation in humans are common and influence complex trait variation. <i>Nature Communications</i> , 2019 , 10, 1383 | 17.4 | 21 |
| 399 | An epigenetic score for BMI based on DNA methylation correlates with poor physical health and major disease in the Lothian Birth Cohort. <i>International Journal of Obesity</i> , 2019 , 43, 1795-1802 | 5.5 | 12 |
| 398 | Pharmaco-epidemiology of antidepressant exposure in a UK cohort record-linkage study. <i>Journal of Psychopharmacology</i> , 2019 , 33, 482-493 | 4.6 | 3 |
| 397 | Insulin resistance: Genetic associations with depression and cognition in population based cohorts. <i>Experimental Neurology</i> , 2019 , 316, 20-26 | 5.7 | 7 |
| 396 | A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633 | 5.6 | 14 |
| 395 | Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD. <i>EBioMedicine</i> , 2019 , 43, 576-586 | 8.8 | 13 |
| 394 | New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019 , 51, 481-493 | 36.3 | 156 |
| 393 | 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. <i>Bioinformatics</i> , 2019 , 35, 181-188 | 7.2 | 3 |
| 392 | New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961 | 12.8 | 32 |

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|-----|--|------|------|
| 391 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957 | 17.4 | 40 |
| 390 | Investigating genetic links between grapheme-colour synaesthesia and neuropsychiatric traits. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019 , 374, 20190026 | 5.8 | 8 |
| 389 | Assessment of dried blood spots for DNA methylation profiling. <i>Wellcome Open Research</i> , 2019 , 4, 44 | 4.8 | 8 |
| 388 | Cohort profile for the STRatifying Resilience and Depression Longitudinally (STRADL) study: A depression-focused investigation of Generation Scotland, using detailed clinical, cognitive, and neuroimaging assessments.. <i>Wellcome Open Research</i> , 2019 , 4, 185 | 4.8 | 10 |
| 387 | 1461-P: Cardiac Troponin T and Troponin I and Incident Diabetes in the General Population: Generation Scotland Scottish Family Health Study. <i>Diabetes</i> , 2019 , 68, 1461-P | 0.9 | |
| 386 | Generation Scotland participant survey on data collection. <i>Wellcome Open Research</i> , 2019 , 4, 111 | 4.8 | 2 |
| 385 | 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 |
| 384 | An epigenome-wide association study of sex-specific chronological ageing. <i>Genome Medicine</i> , 2019 , 12, 1 | 14.4 | 43 |
| 383 | A meta-analysis of genome-wide association studies of epigenetic age acceleration. <i>PLoS Genetics</i> , 2019 , 15, e1008104 | 6 | 38 |
| 382 | Genome-wide analysis identifies molecular systems and 149 genetic loci associated with income. <i>Nature Communications</i> , 2019 , 10, 5741 | 17.4 | 42 |
| 381 | Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 91-100 | 3.4 | 12 |
| 380 | 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 |
| 379 | Self-reported medication use validated through record linkage to national prescribing data. <i>Journal of Clinical Epidemiology</i> , 2018 , 94, 132-142 | 5.7 | 38 |
| 378 | Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank. <i>Translational Psychiatry</i> , 2018 , 8, 9 | 8.6 | 48 |
| 377 | Genomic analysis of family data reveals additional genetic effects on intelligence and personality. <i>Molecular Psychiatry</i> , 2018 , 23, 2347-2362 | 15.1 | 96 |
| 376 | 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 |
| 375 | European Prevention of Alzheimer's Dementia Registry: Recruitment and prescreening approach for a longitudinal cohort and prevention trials. <i>Alzheimer's and Dementia</i> , 2018 , 14, 837-842 | 1.2 | 15 |
| 374 | Phenotypic and genetic analysis of cognitive performance in Major Depressive Disorder in the Generation Scotland: Scottish Family Health Study. <i>Translational Psychiatry</i> , 2018 , 8, 63 | 8.6 | 7 |

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|-----|--|------|-----|
| 373 | Altered DNA methylation associated with a translocation linked to major mental illness. <i>NPJ Schizophrenia</i> , 2018 , 4, 5 | 5.5 | 9 |
| 372 | 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 |
| 371 | Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. <i>Nature Genetics</i> , 2018 , 50, 1112-1121 | 36.3 | 950 |
| 370 | Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360, | 33.3 | 666 |
| 369 | 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 |
| 368 | Common variants on 6q16.2, 12q24.31 and 16p13.3 are associated with major depressive disorder. <i>Neuropsychopharmacology</i> , 2018 , 43, 2146-2153 | 8.7 | 27 |
| 367 | Comparison between High-Sensitivity Cardiac Troponin T and Cardiac Troponin I in a Large General Population Cohort. <i>Clinical Chemistry</i> , 2018 , 64, 1607-1616 | 5.5 | 61 |
| 366 | Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study. <i>BMC Medicine</i> , 2018 , 16, 142 | 11.4 | 40 |
| 365 | DNA sequence-level analyses reveal potential phenotypic modifiers in a large family with psychiatric disorders. <i>Molecular Psychiatry</i> , 2018 , 23, 2254-2265 | 15.1 | 13 |
| 364 | Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233 | 36.3 | 277 |
| 363 | Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166 | 3.7 | 31 |
| 362 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018 , 3, 4 | 4.8 | 16 |
| 361 | 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 |
| 360 | 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 |
| 359 | 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 |
| 358 | Epigenetic signatures of starting and stopping smoking. <i>EBioMedicine</i> , 2018 , 37, 214-220 | 8.8 | 36 |
| 357 | Epigenetic prediction of complex traits and death. <i>Genome Biology</i> , 2018 , 19, 136 | 18.3 | 77 |
| 356 | DISC1 regulates N-methyl-D-aspartate receptor dynamics: abnormalities induced by a Disc1 mutation modelling a translocation linked to major mental illness. <i>Translational Psychiatry</i> , 2018 , 8, 184 | 8.6 | 11 |

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| 355 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098 | 17.4 | 254 |
| 354 | GWAS on family history of Alzheimer's disease. <i>Translational Psychiatry</i> , 2018 , 8, 99 | 8.6 | 238 |
| 353 | 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 |
| 352 | A Combined Pathway and Regional Heritability Analysis Indicates NETRIN1 Pathway Is Associated With Major Depressive Disorder. <i>Biological Psychiatry</i> , 2017 , 81, 336-346 | 7.9 | 25 |
| 351 | 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 |
| 350 | Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , 2017 , 46, 894-904 | 7.8 | 25 |
| 349 | Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017 , 49, 403-415 | 36.3 | 313 |
| 348 | 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 |
| 347 | Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017 , 49, 416-425 | 36.3 | 170 |
| 346 | Discovery of novel heart rate-associated loci using the Exome Chip. <i>Human Molecular Genetics</i> , 2017 , 26, 2346-2363 | 5.6 | 17 |
| 345 | Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017 , 49, 834-841 | 36.3 | 257 |
| 344 | Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017 , 49, 946-952 | 36.3 | 176 |
| 343 | Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017 , 8, 14977 | 17.4 | 105 |
| 342 | Validation of Surrogates of Urine Osmolality in Population Studies. <i>American Journal of Nephrology</i> , 2017 , 46, 26-36 | 4.6 | 7 |
| 341 | and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 981-994 | 12.7 | 30 |
| 340 | Genome-wide Regional Heritability Mapping Identifies a Locus Within the TOX2 Gene Associated With Major Depressive Disorder. <i>Biological Psychiatry</i> , 2017 , 82, 312-321 | 7.9 | 17 |
| 339 | CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017 , 8, 744 | 17.4 | 37 |
| 338 | Regional variation in health is predominantly driven by lifestyle rather than genetics. <i>Nature Communications</i> , 2017 , 8, 801 | 17.4 | 11 |

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|-----|--|------|-----|
| 337 | Genetic prediction of male pattern baldness. <i>PLoS Genetics</i> , 2017 , 13, e1006594 | 6 | 59 |
| 336 | Inherited Chromosomally Integrated Human Herpesvirus 6 Genomes Are Ancient, Intact, and Potentially Able To Reactivate from Telomeres. <i>Journal of Virology</i> , 2017 , 91, | 6.6 | 29 |
| 335 | Genome-wide haplotype-based association analysis of major depressive disorder in Generation Scotland and UK Biobank. <i>Translational Psychiatry</i> , 2017 , 7, 1263 | 8.6 | 15 |
| 334 | Investigating shared aetiology between type 2 diabetes and major depressive disorder in a population based cohort. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017 , 174, 227-234 | 3.5 | 20 |
| 333 | Genetic Stratification to Identify Risk Groups for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 275-283 | 4.3 | 21 |
| 332 | 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 |
| 331 | Electronic health record and genome-wide genetic data in Generation Scotland participants. <i>Wellcome Open Research</i> , 2017 , 2, 85 | 4.8 | 9 |
| 330 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528 | 6 | 103 |
| 329 | Chronic pain, depression and cardiovascular disease linked through a shared genetic predisposition: Analysis of a family-based cohort and twin study. <i>PLoS ONE</i> , 2017 , 12, e0170653 | 3.7 | 40 |
| 328 | Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161 | 36.3 | 181 |
| 327 | Shared Genetics and Couple-Associated Environment Are Major Contributors to the Risk of Both Clinical and Self-Declared Depression. <i>EBioMedicine</i> , 2016 , 14, 161-167 | 8.8 | 26 |
| 326 | Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13366-13371 | 11.5 | 90 |
| 325 | Timing, rates and spectra of human germline mutation. <i>Nature Genetics</i> , 2016 , 48, 126-133 | 36.3 | 338 |
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| 49 | TeenCovidLife: a resource to understand the impact of the COVID-19 pandemic on adolescents in Scotland. <i>Wellcome Open Research</i> ,6, 277 | 4.8 | 2 |
| 48 | Psychological Distress Before and During the COVID-19 Pandemic: Sociodemographic Inequalities in 11 UK Longitudinal Studies | | 1 |
| 47 | Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD | | 1 |
| 46 | An epigenome-wide association study of sex-specific chronological ageing | | 1 |
| 45 | Epigenetic prediction of major depressive disorder | | 1 |
| 44 | Generation Scotland participant survey on data collection. <i>Wellcome Open Research</i> ,4, 111 | 4.8 | |
| 43 | Genome-wide association study of susceptibility to hospitalised respiratory infections. <i>Wellcome Open Research</i> ,6, 290 | 4.8 | 0 |
| 42 | Common schizophrenia alleles are enriched in mutation-intolerant genes and maintained by background selection | | 20 |
| 41 | Genomic analysis of family data reveals additional genetic effects on intelligence and personality | | 4 |
| 40 | Genome-wide association study of alcohol consumption and genetic overlap with other health-related traits in UK Biobank (N=112,117) | | 9 |
| 39 | Genetic stratification of depression in UK Biobank suggests a subgroup linked to age of natural menopause | | 6 |
| 38 | Electronic Health Record and Genome-wide Genetic Data in Generation Scotland Participants | | 2 |
| 37 | Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depressive disorder | | 21 |
| 36 | Ninety-nine independent genetic loci influencing general cognitive function include genes associated with brain health and structure (N = 280,360) | | 6 |
| 35 | Epigenetic clocks predict prevalence and incidence of leading causes of death and disease burden | | 8 |
| 34 | Clinical classifiers of COVID-19 infection from novel ultra-high-throughput proteomics | | 7 |
| 33 | Mental health during the COVID-19 pandemic in two longitudinal UK population cohorts | | 42 |
| 32 | Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing | | 8 |

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| 31 | Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility | 5 |
| 30 | Genetic mechanisms of critical illness in Covid-19 | 51 |
| 29 | A time-resolved proteomic and diagnostic map characterizes COVID-19 disease progression and predicts outcome | 6 |
| 28 | Dissecting the shared genetic architecture of suicide attempt, psychiatric disorders and known risk factors | 2 |
| 27 | Epigenetic scores for the circulating proteome as tools for disease prediction | 2 |
| 26 | Accelerated Epigenetic Ageing in Major Depressive Disorder | 8 |
| 25 | Genome-wide association study of suicide death and polygenic prediction of clinical antecedents | 3 |
| 24 | GWAS on family history of Alzheimer's disease | 2 |
| 23 | An epigenetic score for BMI based on DNA methylation correlates with poor physical health and major disease in the Lothian Birth Cohort 1936 | 4 |
| 22 | Improved prediction of chronological age from DNA methylation limits it as a biomarker of ageing | 6 |
| 21 | New genetic signals for lung function highlight pathways and pleiotropy, and chronic obstructive pulmonary disease associations across multiple ancestries | 5 |
| 20 | Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions | 8 |
| 19 | Bayesian reassessment of the epigenetic architecture of complex traits | 2 |
| 18 | Genetic and shared couple environmental contributions to smoking and alcohol use in the UK population | 1 |
| 17 | Genetic analysis identifies molecular systems and biological pathways associated with household income | 1 |
| 16 | A meta-analysis of genome-wide association studies of epigenetic age acceleration | 2 |
| 15 | Birth weight associations with psychiatric and physical health, cognitive function, and DNA methylation differences in an adult population | 5 |
| 14 | 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 |

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| 13 | Genome-wide haplotype-based association analysis of major depressive disorder in Generation Scotland and UK Biobank | | 1 |
| 12 | Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank | | 2 |
| 11 | Within-sibship GWAS improve estimates of direct genetic effects | | 14 |
| 10 | Face covering adherence is positively associated with better mental health and wellbeing: a longitudinal analysis of the CovidLife surveys. <i>Wellcome Open Research</i> ,6, 62 | 4.8 | |
| 9 | Pre-pandemic mental health and disruptions to healthcare, economic, and housing outcomes during COVID 19: evidence from 12 UK longitudinal studies | | 6 |
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| 7 | Risk factors for long COVID: analyses of 10 longitudinal studies and electronic health records in the UK | | 13 |
| 6 | A proteomic survival predictor for COVID-19 patients in intensive care | | 1 |
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