

# Nicholas J Timpson

## 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.

394  
papers

48,976  
citations

99  
h-index

217  
g-index

459  
ext. papers

60,974  
ext. citations

11.9  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
394	A framework for research into continental ancestry groups of the UK Biobank.. <i>Human Genomics</i> , <b>2022</b> , 16, 3	6.8	0
393	Evaluating the association of TRPA1 gene polymorphisms with pain sensitivity: a protocol for an adaptive recall by genotype study.. <i>BMC Medical Genomics</i> , <b>2022</b> , 15, 9	3.7	1
392	Higher body mass index raises immature platelet count: potential contribution to obesity-related thrombosis.. <i>Platelets</i> , <b>2022</b> , 1-10	3.6	1
391	Glycoprotein Acetyls: A Novel Inflammatory Biomarker of Early Cardiovascular Risk in the Young.. <i>Journal of the American Heart Association</i> , <b>2022</b> , 11, e024380	6	1
390	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases.. <i>Environmental Epidemiology</i> , <b>2022</b> , 6, e184	0.2	1
389	HMOX1 genetic polymorphisms and outcomes in infectious disease: A systematic review.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267399	3.7	
388	Large-scale GWAS of food liking reveals genetic determinants and genetic correlations with distinct neurophysiological traits.. <i>Nature Communications</i> , <b>2022</b> , 13, 2743	17.4	0
387	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,	50.4	24
386	MC3R links nutritional state to childhood growth and the timing of puberty. <i>Nature</i> , <b>2021</b> , 599, 436-441	50.4	9
385	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Antibody testing results, April - June 2021.. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 283	4.8	1
384	Genetic Studies of Metabolomics Change After a Liquid Meal Illuminate Novel Pathways for Glucose and Lipid Metabolism. <i>Diabetes</i> , <b>2021</b> , 70, 2932-2946	0.9	4
383	Strengthening the reporting of observational studies in epidemiology using mendelian randomisation (STROBE-MR): explanation and elaboration. <i>BMJ, The</i> , <b>2021</b> , 375, n2233	5.9	24
382	Strengthening the Reporting of Observational Studies in Epidemiology Using Mendelian Randomization: The STROBE-MR Statement. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 1614-1621	27.4	32
381	Enhanced Protection Against Diarrhea Among Breastfed Infants of Nonsecretor Mothers. <i>Pediatric Infectious Disease Journal</i> , <b>2021</b> , 40, 260-263	3.4	2
380	Pleiotropic associations of heterozygosity for the Z allele in the UK Biobank. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	3
379	A Polygenic Risk Score to Predict Future Adult Short Stature Among Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 1918-1928	5.6	5
378	Polygenic risk for depression, anxiety and neuroticism are associated with the severity and rate of change in depressive symptoms across adolescence. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 1462-1474	7.9	5

377	Characterization of alcohol polygenic risk scores in the context of mental health outcomes: Within-individual and intergenerational analyses in the Avon Longitudinal Study of Parents and Children. <i>Drug and Alcohol Dependence</i> , <b>2021</b> , 221, 108654	4.9	4
376	Estimating the causal effect of BMI on mortality risk in people with heart disease, diabetes and cancer using Mendelian randomization. <i>International Journal of Cardiology</i> , <b>2021</b> , 330, 214-220	3.2	5
375	Loss-of-function mutations in the melanocortin 4 receptor in a UK birth cohort. <i>Nature Medicine</i> , <b>2021</b> , 27, 1088-1096	50.5	13
374	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , <b>2021</b> , 53, 840-860	36.3	44
373	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture November 2020 - March 2021. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 155	4.8	3
372	Cholesterol Auxotrophy as a Targetable Vulnerability in Clear Cell Renal Cell Carcinoma. <i>Cancer Discovery</i> , <b>2021</b> ,	24.4	5
371	Assessment and visualization of phenome-wide causal relationships using genetic data: an application to dental caries and periodontitis. <i>European Journal of Human Genetics</i> , <b>2021</b> , 29, 300-308	5.3	10
370	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 59-70	12.8	33
369	Determinants of Intima-Media Thickness in the Young: The ALSPAC Study. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 468-478	8.4	14
368	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , <b>2021</b> , 12, 24	17.4	30
367	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , <b>2021</b> , 53, 156-165	36.3	80
366	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 393-409	5.6	6
365	Vitamin D levels and risk of type 1 diabetes: A Mendelian randomization study. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003536	11.6	5
364	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Home-based antibody testing results, October 2020. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 34	4.8	6
363	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , <b>2021</b> ,	12.8	5
362	Effects of adiposity on the human plasma proteome: observational and Mendelian randomisation estimates. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 2221-2229	5.5	2
361	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , <b>2021</b> , 596, 393-397	30.4	28
360	Body muscle gain and markers of cardiovascular disease susceptibility in young adulthood: A cohort study. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003751	11.6	2

359	The blood metabolome of incident kidney cancer: A case-control study nested within the MetKid consortium. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003786	11.6	1
358	Investigation of the Interplay between Circulating Lipids and IGF-I and Relevance to Breast Cancer Risk: An Observational and Mendelian Randomization Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2021</b> , 30, 2207-2216	4	2
357	The Role of Inflammatory Cytokines as Intermediates in the Pathway from Increased Adiposity to Disease. <i>Obesity</i> , <b>2021</b> , 29, 428-437	8	6
356	Variation in the SERPINA6/SERPINA1 locus alters morning plasma cortisol, hepatic corticosteroid binding globulin expression, gene expression in peripheral tissues, and risk of cardiovascular disease. <i>Journal of Human Genetics</i> , <b>2021</b> , 66, 625-636	4.3	12
355	GWAS of stool frequency provides insights into gastrointestinal motility and irritable bowel syndrome.. <i>Cell Genomics</i> , <b>2021</b> , 1, None		2
354	Early Metabolic Features of Genetic Liability to Type 2 Diabetes: Cohort Study With Repeated Metabolomics Across Early Life. <i>Diabetes Care</i> , <b>2020</b> , 43, 1537-1545	14.6	7
353	Genome-wide associations of human gut microbiome variation and implications for causal inference analyses. <i>Nature Microbiology</i> , <b>2020</b> , 5, 1079-1087	26.6	55
352	Metabolic characterisation of disturbances in the APOC3/triglyceride-rich lipoprotein pathway through sample-based recall by genotype. <i>Metabolomics</i> , <b>2020</b> , 16, 69	4.7	1
351	Genomic analysis of male puberty timing highlights shared genetic basis with hair colour and lifespan. <i>Nature Communications</i> , <b>2020</b> , 11, 1536	17.4	12
350	Genome-wide Association Study for Vitamin D Levels Reveals 69 Independent Loci. <i>American Journal of Human Genetics</i> , <b>2020</b> , 106, 327-337	11	54
349	Genome-Wide Association Study Identifies Genetic Associations with Perceived Age. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 2380-2385	4.3	3
348	Common variation at 16p11.2 is associated with glycosuria in pregnancy: findings from a genome-wide association study in European women. <i>Human Molecular Genetics</i> , <b>2020</b> , 29, 2098-2106	5.6	0
347	The Dementias Platform UK (DPUK) Data Portal. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 601-611	12.1	23
346	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture April-May 2020. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 127	4.8	9
345	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture April-May 2020. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 127	4.8	15
344	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture May-July 2020. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 210	4.8	12
343	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture May-July 2020. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 210	4.8	18
342	Common maternal and fetal genetic variants show expected polygenic effects on risk of small- or large-for-gestational-age (SGA or LGA), except in the smallest 3% of babies. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1009191	6	5

341	Is vitamin D a modifiable risk factor for dental caries?. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 281	4.8	0
340	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Generation 2 questionnaire data capture May-July 2020. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 278	4.8	2
339	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008718	6	25
338	Diving deep-multipronged investigations into RIPK1 as a risk factor for obesity. <i>Nature Metabolism</i> , <b>2020</b> , 2, 997-998	14.6	
337	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , <b>2020</b> , 52, 1314-1332	36.3	26
336	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. <i>BMC Medicine</i> , <b>2020</b> , 18, 396	11.4	17
335	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Generation 2 questionnaire data capture May-July 2020. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 278	4.8	4
334	Is vitamin D a modifiable risk factor for dental caries?. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 281	4.8	1
333	Is population structure in the genetic biobank era irrelevant, a challenge, or an opportunity?. <i>Human Genetics</i> , <b>2020</b> , 139, 23-41	6.3	32
332	Association of Prenatal Alcohol Exposure and Offspring Depression: A Negative Control Analysis of Maternal and Partner Consumption. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2020</b> , 44, 1132-1140	3.7	8
331	Mental health before and during the COVID-19 pandemic in two longitudinal UK population cohorts. <i>British Journal of Psychiatry</i> , <b>2020</b> , 1-10	5.4	123
330	Participant acceptability of digital footprint data collection strategies: an exemplar approach to participant engagement and involvement in the ALSPAC birth cohort study.. <i>International Journal of Population Data Science</i> , <b>2020</b> , 5, 1728	1.4	0
329	Data Resource Profile: The ALSPAC birth cohort as a platform to study the relationship of environment and health and social factors. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 1038-1039k	7.8	11
328	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , <b>2019</b> , 5, eaaw3095	14.3	39
327	Low-frequency variation in TP53 has large effects on head circumference and intracranial volume. <i>Nature Communications</i> , <b>2019</b> , 10, 357	17.4	12
326	Apparent latent structure within the UK Biobank sample has implications for epidemiological analysis. <i>Nature Communications</i> , <b>2019</b> , 10, 333	17.4	131
325	GARFIELD classifies disease-relevant genomic features through integration of functional annotations with association signals. <i>Nature Genetics</i> , <b>2019</b> , 51, 343-353	36.3	71
324	Assessment of reproducibility and biological variability of fasting and postprandial plasma metabolite concentrations using 1H NMR spectroscopy. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218549	3.7	18

323	Genome-wide analysis of dental caries and periodontitis combining clinical and self-reported data. <i>Nature Communications</i> , <b>2019</b> , 10, 2773	17.4	72
322	Association between fat mass through adolescence and arterial stiffness: a population-based study from The Avon Longitudinal Study of Parents and Children. <i>The Lancet Child and Adolescent Health</i> , <b>2019</b> , 3, 474-481	14.5	25
321	Polygenic Prediction of Weight and Obesity Trajectories from Birth to Adulthood. <i>Cell</i> , <b>2019</b> , 177, 587-596.e9	36.9	265
320	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , <b>2019</b> , 51, 804-814	36.3	181
319	The Early Growth Genetics (EGG) and EARly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. <i>European Journal of Epidemiology</i> , <b>2019</b> , 34, 279-300	12.1	18
318	Prenatal alcohol exposure and offspring mental health: A systematic review. <i>Drug and Alcohol Dependence</i> , <b>2019</b> , 197, 344-353	4.9	40
317	Genome wide analysis for mouth ulcers identifies associations at immune regulatory loci. <i>Nature Communications</i> , <b>2019</b> , 10, 1052	17.4	22
316	Letter regarding article, "Associations of obesity and circulating insulin and glucose with breast cancer risk: a Mendelian randomization analysis". <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 1014-1015	7.8	5
315	Identifying Critical Points of Trajectories of Depressive Symptoms from Childhood to Young Adulthood. <i>Journal of Youth and Adolescence</i> , <b>2019</b> , 48, 815-827	4.5	45
314	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 3327-3338	5.6	30
313	Genetic and Environmental Risk Factors Associated With Trajectories of Depression Symptoms From Adolescence to Young Adulthood. <i>JAMA Network Open</i> , <b>2019</b> , 2, e196587	10.4	40
312	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957	17.4	40
311	The Avon Longitudinal Study of Parents and Children (ALSPAC): an update on the enrolled sample of index children in 2019. <i>Wellcome Open Research</i> , <b>2019</b> , 4, 51	4.8	163
310	Intelligence in offspring born to women exposed to intimate partner violence: a population-based cohort study. <i>Wellcome Open Research</i> , <b>2019</b> , 4, 107	4.8	4
309	Morning plasma cortisol as a cardiovascular risk factor: findings from prospective cohort and Mendelian randomization studies. <i>European Journal of Endocrinology</i> , <b>2019</b> , 181, 429-438	6.5	30
308	Investigating the impact of cigarette smoking behaviours on DNA methylation patterns in adolescence. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 155-165	5.6	13
307	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , <b>2019</b> , 104, 112-138	11	54
306	The influence of obesity-related factors in the etiology of renal cell carcinoma-A mendelian randomization study. <i>PLoS Medicine</i> , <b>2019</b> , 16, e1002724	11.6	38



305	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 51-62	36.3	152
304	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. <i>Nature Genetics</i> , <b>2019</b> , 51, 63-75	36.3	826
303	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , <b>2019</b> , 51, 245-257	36.3	259
302	Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. <i>Nature Communications</i> , <b>2018</b> , 9, 711	17.4	35
301	Heritable contributions versus genetic architecture. <i>Nature Reviews Genetics</i> , <b>2018</b> , 19, 185	30.1	1
300	Assessing the causal association between 25-hydroxyvitamin D and the risk of oral and oropharyngeal cancer using Mendelian randomization. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 1029-1036	7.5	9
299	Tooth loss is a complex measure of oral disease: Determinants and methodological considerations. <i>Community Dentistry and Oral Epidemiology</i> , <b>2018</b> , 46, 555-562	2.8	32
298	Consortium-based genome-wide meta-analysis for childhood dental caries traits. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 3113-3127	5.6	20
297	Assessing the causal role of body mass index on cardiovascular health in young adults: Mendelian randomization and recall-by-genotype analyses. <i>Circulation</i> , <b>2018</b> , 138, 2187-2201	16.7	34
296	Reassessing the Association between Circulating Vitamin D and IGFBP-3: Observational and Mendelian Randomization Estimates from Independent Sources. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2018</b> , 27, 1462-1471	4	5
295	Using Y-Chromosomal Haplogroups in Genetic Association Studies and Suggested Implications. <i>Genes</i> , <b>2018</b> , 9,	4.2	4
294	Systematic Mendelian randomization framework elucidates hundreds of CpG sites which may mediate the influence of genetic variants on disease. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 3293-3304	5.6	40
293	Longitudinal serological measures of common infection in the Avon Longitudinal Study of Parents and Children cohort. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 49	4.8	2
292	secretor genotype and susceptibility to infections and chronic conditions in the ALSPAC cohort. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 65	4.8	10
291	FUT2 secretor genotype and susceptibility to infections and chronic conditions in the ALSPAC cohort. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 65	4.8	12
290	Coronary artery disease, genetic risk and the metabolome in young individuals. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 114	4.8	8
289	Author response: The MR-Base platform supports systematic causal inference across the human phenome <b>2018</b> ,		17
288	Age 23 years + oral health questionnaire in Avon Longitudinal Study of Parents and Children. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 34	4.8	

287	The Genetic Sphygmomanometer: an argument for routine genome-wide genotyping in the population and a new view on its use to inform clinical practice. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 138	4.8	
286	Genetic architecture: the shape of the genetic contribution to human traits and disease. <i>Nature Reviews Genetics</i> , <b>2018</b> , 19, 110-124	30.1	219
285	Coronary artery disease, genetic risk and the metabolome in young individuals. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 114	4.8	13
284	Genotype-Based Recall Studies in Complex Cardiometabolic Traits. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e001947	5.2	2
283	Longitudinal serological measures of common infection in the Avon Longitudinal Study of Parents and Children cohort. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 49	4.8	1
282	Associations of Body Mass and Fat Indexes With Cardiometabolic Traits. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 3142-3154	15.1	52
281	Evaluation of the causal effects between subjective wellbeing and cardiometabolic health: mendelian randomisation study. <i>BMJ, The</i> , <b>2018</b> , 362, k3788	5.9	34
280	The ethics conundrum in Recall by Genotype (RbG) research: Perspectives from birth cohort participants. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202502	3.7	6
279	BMI and Mortality in UK Biobank: Revised Estimates Using Mendelian Randomization. <i>Obesity</i> , <b>2018</b> , 26, 1796-1806	8	45
278	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , <b>2018</b> , 103, 691-706	11	151
277	Associations of device-measured physical activity across adolescence with metabolic traits: Prospective cohort study. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002649	11.6	24
276	Influence of puberty timing on adiposity and cardiometabolic traits: A Mendelian randomisation study. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002641	11.6	41
275	The MR-Base platform supports systematic causal inference across the human phenome. <i>ELife</i> , <b>2018</b> , 7,	8.9	1190
274	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 192-201	15.1	31
273	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. <i>JAMA Oncology</i> , <b>2017</b> , 3, 636-651	13.4	236
272	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 771-781	11.5	36
271	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> , <b>2017</b> , 49, 834-841	36.3	257
270	Maturation in Serum Thyroid Function Parameters Over Childhood and Puberty: Results of a Longitudinal Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2508-2515	5.6	16



269	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , <b>2017</b> , 100, 865-884	11	74
268	Screening for familial hypercholesterolaemia in childhood: Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Atherosclerosis</i> , <b>2017</b> , 260, 47-55	3.1	11
267	Gene discovery for oral ulceration: a UK Biobank Study. <i>Lancet, The</i> , <b>2017</b> , 389, S46	40	2
266	(cg05575921) hypomethylation marks smoking behaviour, morbidity and mortality. <i>Thorax</i> , <b>2017</b> , 72, 646-653	7.3	82
265	Prospective associations between problematic eating attitudes in midchildhood and the future onset of adolescent obesity and high blood pressure. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 306-312	7	11
264	Mendelian Randomization Analysis Identifies CpG Sites as Putative Mediators for Genetic Influences on Cardiovascular Disease Risk. <i>American Journal of Human Genetics</i> , <b>2017</b> , 101, 590-602	11	44
263	Using Genetic Variation to Explore the Causal Effect of Maternal Pregnancy Adiposity on Future Offspring Adiposity: A Mendelian Randomisation Study. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002221	11.6	49
262	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , <b>2017</b> , 101, 227-238	11	76
261	Association between polygenic risk scores for attention-deficit hyperactivity disorder and educational and cognitive outcomes in the general population. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 421-428	7.8	33
260	A pathway-centric approach to rare variant association analysis. <i>European Journal of Human Genetics</i> , <b>2016</b> , 25, 123-129	5.3	11
259	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , <b>2016</b> , 48, 1279-83	36.3	1447
258	A genome-wide association meta-analysis of diarrhoeal disease in young children identifies FUT2 locus and provides plausible biological pathways. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 4127-4142	5.6	24
257	BMI as a Modifiable Risk Factor for Type 2 Diabetes: Refining and Understanding Causal Estimates Using Mendelian Randomization. <i>Diabetes</i> , <b>2016</b> , 65, 3002-7	0.9	95
256	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , <b>2016</b> , 7, 11008	17.4	79
255	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. <i>Scientific Reports</i> , <b>2016</b> , 6, 25853	4.9	57
254	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
253	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13366-13371	11.5	90
252	Heritability and Genome-Wide Association Analyses of Sleep Duration in Children: The EAGLE Consortium. <i>Sleep</i> , <b>2016</b> , 39, 1859-1869	1.1	22

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250	The range of peripapillary retinal nerve fibre layer and optic disc parameters in children aged up to but not including 18 years of age, as measured by optical coherence tomography: protocol for a systematic review. <i>Systematic Reviews</i> , <b>2016</b> , 5, 71	3	1
249	Cigarette smoke but not electronic cigarette aerosol activates a stress response in human coronary artery endothelial cells in culture. <i>Drug and Alcohol Dependence</i> , <b>2016</b> , 163, 256-60	4.9	39
248	International Genome-Wide Association Study Consortium Identifies Novel Loci Associated With Blood Pressure in Children and Adolescents. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 266-278		32
247	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , <b>2016</b> , 7, 10494	17.4	107
246	Common Genetic Variants Influence Whorls in Fingerprint Patterns. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 859-862	4.3	14
245	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 389-403	5.6	202
244	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , <b>2016</b> , 46, 170-82	3.2	122
243	Obesity and Multiple Sclerosis: A Mendelian Randomization Study. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1002053	11.6	115
242	Incorporating Non-Coding Annotations into Rare Variant Analysis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154181	3.7	7
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238	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , <b>2016</b> , 48, 624-33	36.3	602
237	Paradoxical Relationship Between Body Mass Index and Thyroid Hormone Levels: A Study Using Mendelian Randomization. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 730-8	5.6	31
236	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , <b>2016</b> , 533, 539-42	50.4	850
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234	Commentary: One size fits all: are there standard rules for the use of genetic instruments in Mendelian randomization?. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 1617-1618	7.8	4

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228	Prenatal exposure to maternal smoking and offspring DNA methylation across the lifecourse: findings from the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 2201-17	5.6	256
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218	Using inactivating mutations to provide insight into drug action. <i>Genome Medicine</i> , <b>2015</b> , 7, 7	14.4	1
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173	Genetic variation associated with differential educational attainment in adults has anticipated associations with school performance in children. <i>PLoS ONE</i> , <b>2014</b> , 9, e100248	3.7	19
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149	A genome-wide association study for corneal curvature identifies the platelet-derived growth factor receptor gene as a quantitative trait locus for eye size in white Europeans. <i>Molecular Vision</i> , <b>2013</b> , 19, 243-53	2.3	30
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105	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , <b>2010</b> , 42, 949-60	36.3	724
104	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , <b>2010</b> , 42, 937-48	36.3	2267
103	European lactase persistence genotype shows evidence of association with increase in body mass index. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 1129-36	5.6	50
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99	Genome-wide association study reveals multiple loci associated with primary tooth development during infancy. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1000856	6	50
98	Genetic markers of adult obesity risk are associated with greater early infancy weight gain and growth. <i>PLoS Medicine</i> , <b>2010</b> , 7, e1000284	11.6	142
97	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , <b>2010</b> , 42, 105-16	36.3	1673
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95	Functional gene group analysis reveals a role of synaptic heterotrimeric G proteins in cognitive ability. <i>American Journal of Human Genetics</i> , <b>2010</b> , 86, 113-25	11	89
94	A variant in LIN28B is associated with 2D:4D finger-length ratio, a putative retrospective biomarker of prenatal testosterone exposure. <i>American Journal of Human Genetics</i> , <b>2010</b> , 86, 519-25	11	74
93	A powerful approach to sub-phenotype analysis in population-based genetic association studies. <i>Genetic Epidemiology</i> , <b>2010</b> , 34, 335-43	2.6	39
92	Adiponectin and its association with bone mass accrual in childhood. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 2212-20	6.3	36
91	Bayesian methods for meta-analysis of causal relationships estimated using genetic instrumental variables. <i>Statistics in Medicine</i> , <b>2010</b> , 29, 1298-311	2.3	20
90	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000508	6	393

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88	Severe obesity in young women and reproductive health: the Danish National Birth Cohort. <i>PLoS ONE</i> , <b>2009</b> , 4, e8444	3.7	71
87	Association of the DRD2 gene Taq1A polymorphism and smoking behavior: a meta-analysis and new data. <i>Nicotine and Tobacco Research</i> , <b>2009</b> , 11, 64-76	4.9	71
86	Adiposity-related heterogeneity in patterns of type 2 diabetes susceptibility observed in genome-wide association data. <i>Diabetes</i> , <b>2009</b> , 58, 505-10	0.9	98
85	Genetic determinants of height growth assessed longitudinally from infancy to adulthood in the northern Finland birth cohort 1966. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000409	6	113
84	Obesity and cancer: Mendelian randomization approach utilizing the FTO genotype. <i>International Journal of Epidemiology</i> , <b>2009</b> , 38, 971-5	7.8	82
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81	Common variants in the region around Osterix are associated with bone mineral density and growth in childhood. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 1510-7	5.6	107
80	Association between C-reactive protein genotype, circulating levels, and aortic pulse wave velocity. <i>Hypertension</i> , <b>2009</b> , 53, 150-7	8.5	53
79	Type 2 diabetes risk alleles are associated with reduced size at birth. <i>Diabetes</i> , <b>2009</b> , 58, 1428-33	0.9	117
78	Lactase persistence-related genetic variant: population substructure and health outcomes. <i>European Journal of Human Genetics</i> , <b>2009</b> , 17, 357-67	5.3	52
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70	Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes. <i>Nature Genetics</i> , <b>2008</b> , 40, 638-45	36.3	1496
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67	Lifetime body mass index and later atherosclerosis risk in young adults: examining causal links using Mendelian randomization in the Cardiovascular Risk in Young Finns study. <i>European Heart Journal</i> , <b>2008</b> , 29, 2552-60	9.5	52
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49	Comment on papers by Evans et al. and Mekel-Bobrov et al. on Evidence for Positive Selection of MCPH1 and ASPM. <i>Science</i> , <b>2007</b> , 317, 1036; author reply 1036	33.3	45
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37	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Antibody testing results, April-June 2021. <i>Wellcome Open Research</i> , <b>6</b> , 283	4.8	0
36	The ALSPAC in London dataset: adiposity, cardiometabolic risk profiles, and the emerging arterial phenotype in young adulthood. <i>Wellcome Open Research</i> , <b>3</b> , 162	4.8	2

35	Longitudinal evidence for persistent anxiety in young adults through COVID-19 restrictions. <i>Wellcome Open Research</i> ,5, 195	4.8	18
34	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture November 2020 [March 2021. <i>Wellcome Open Research</i> ,6, 155	4.8	0
33	STROBE-MR: Guidelines for strengthening the reporting of Mendelian randomization studies		9
32	STROBE-MR: Guidelines for strengthening the reporting of Mendelian randomization studies		28
31	Age 23 years + oral health questionnaire in Avon Longitudinal Study of Parents and Children.. <i>Wellcome Open Research</i> ,3, 34	4.8	
30	Testing the causal effects between subjective wellbeing and physical health using Mendelian randomisation		1
29	Epigenetic regulation of PAR4-related platelet activation: mechanistic links between environmental exposure and cardiovascular disease		1
28	Early metabolic features of genetic liability to type 2 diabetes: cohort study with repeated metabolomics across early life		1
27	Inference and visualization of phenome-wide causal relationships using genetic data: an application to dental caries and periodontitis		1
26	Body muscle gain and markers of cardiovascular disease susceptibility in young adulthood: prospective cohort study		1
25	A reference panel of 64,976 haplotypes for genotype imputation		15
24	MR-Base: a platform for systematic causal inference across the phenome using billions of genetic associations		77
23	GARFIELD - GWAS Analysis of Regulatory or Functional Information Enrichment with LD correction		16
22	Assessing the causal role of body mass index on cardiovascular health in young adults: Mendelian randomization and recall-by-genotype analyses		3
21	The ethics conundrum in Recall by Genotype (RbG) research: Perspectives from birth cohort participants		3
20	Investigating the role of insulin in increased adiposity: Bi-directional Mendelian randomization study		3
19	Systematic Mendelian randomization framework elucidates hundreds of genetic loci which may influence disease through changes in DNA methylation levels		3
18	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study		2

17	Effects of adiposity on the human plasma proteome: Observational and Mendelian randomization estimates		1
16	Mental health during the COVID-19 pandemic in two longitudinal UK population cohorts		42
15	Large-scale association analyses identify host factors influencing human gut microbiome composition		9
14	Body mass index and mortality in UK Biobank: revised estimates using Mendelian randomization		1
13	Common genetic variants and health outcomes appear geographically structured in the UK Biobank sample: Old concerns returning and their implications		13
12	Exploration of the role of CHRNA5-A3-B4 genotype in smoking behaviours		1
11	Genomic analyses for age at menarche identify 389 independent signals and indicate BMI-independent effects of puberty timing on cancer susceptibility		1
10	Causal analyses, statistical efficiency and phenotypic precision through Recall-by-Genotype study design		2
9	Causal epigenome-wide association study identifies CpG sites that influence cardiovascular disease risk		3
8	The Avon Longitudinal Study of Parents and Children - a resource for COVID-19 research: approaches to the identification of cases November 2020. <i>Wellcome Open Research</i> ,6, 122	4.8	4
7	Trajectories of child emotional and behavioural difficulties before and during the COVID-19 pandemic in a longitudinal UK cohort		2
6	Limits of lockdown: characterising essential contacts during strict physical distancing. <i>Wellcome Open Research</i> ,6, 116	4.8	0
5	Risk factors for long COVID: analyses of 10 longitudinal studies and electronic health records in the UK		13
4	Dominant role of abdominal adiposity in circulating lipoprotein, lipid, and metabolite levels in UK Biobank: Mendelian randomization study		2
3	Bias from questionnaire invitation and response in COVID-19 research: an example using ALSPAC. <i>Wellcome Open Research</i> ,6, 184	4.8	4
2	Large-scale genome-wide association study of food liking reveals genetic determinants and genetic correlations with distinct neurophysiological traits		2
1	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Home-based antibody testing results, October 2020. An emphasis on self-screening at a population level. <i>Wellcome Open Research</i> ,6, 34	4.8	