Nicholas J Timpson

List of Publications by Year
in descending order

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382 papers	71,667 citations	1294 109 h-index	906 241 g-index
459 all docs	459 docs citations	459 times ranked	60138 citing authors

#	Article	IF	Citations
1	Collection of genetic data at scale for a nationally representative population: the UK Millennium Cohort Study. Longitudinal and Life Course Studies, 2022, 13, 169-187.	0.3	1
2	metaboprep: an R package for preanalysis data description and processing. Bioinformatics, 2022, 38, 1980-1987.	1.8	10
3	Epigenetic Regulation of F2RL3 Associates With Myocardial Infarction and Platelet Function. Circulation Research, 2022, 130, 384-400.	2.0	10
4	A framework for research into continental ancestry groups of the UK Biobank. Human Genomics, 2022, 16, 3.	1.4	11
5	Evaluating the association of TRPA1 gene polymorphisms with pain sensitivity: a protocol for an adaptive recall by genotype study. BMC Medical Genomics, 2022, 15, 9.	0.7	2
6	Higher body mass index raises immature platelet count: potential contribution to obesity-related thrombosis. Platelets, 2022, 33, 869-878.	1.1	9
7	Glycoprotein Acetyls: A Novel Inflammatory Biomarker of Early Cardiovascular Risk in the Young. Journal of the American Heart Association, 2022, 11, e024380.	1.6	35
8	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases. Environmental Epidemiology, 2022, 6, e184.	1.4	6
9	The UK Biobank: A Shining Example of Genome-Wide Association Study Science with the Power to Detect the Murky Complications of Real-World Epidemiology. Annual Review of Genomics and Human Genetics, 2022, 23, 569-589.	2.5	11
10	HMOX1 genetic polymorphisms and outcomes in infectious disease: A systematic review. PLoS ONE, 2022, 17, e0267399.	1.1	4
11	Large-scale GWAS of food liking reveals genetic determinants and genetic correlations with distinct neurophysiological traits. Nature Communications, 2022, 13, 2743.	5.8	22
12	A multivariant recallâ€byâ€genotype study of the metabolomic signature of BMI. Obesity, 2022, 30, 1298-1310.	1.5	5
13	Genetics of early-life head circumference and genetic correlations with neurological, psychiatric and cognitive outcomes. BMC Medical Genomics, 2022, 15, .	0.7	2
14	Long COVID burden and risk factors in 10 UK longitudinal studies and electronic health records. Nature Communications, 2022, 13, .	5.8	243
15	Assessment and visualization of phenome-wide causal relationships using genetic data: an application to dental caries and periodontitis. European Journal of Human Genetics, 2021, 29, 300-308.	1.4	23
16	Genome-wide association study identifies 48 common genetic variants associated with handedness. Nature Human Behaviour, 2021, 5, 59-70.	6.2	79
17	Mental health before and during the COVID-19 pandemic in two longitudinal UK population cohorts. British Journal of Psychiatry, 2021, 218, 334-343.	1.7	330
18	Determinants of Intima-Media ThicknessÂin the Young. JACC: Cardiovascular Imaging, 2021, 14, 468-478.	2.3	43

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19	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	5.8	87
20	Large-scale association analyses identify host factors influencing human gut microbiome composition. Nature Genetics, 2021, 53, 156-165.	9.4	676
21	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. Human Molecular Genetics, 2021, 30, 393-409.	1.4	32
22	Vitamin D levels and risk of type 1 diabetes: A Mendelian randomization study. PLoS Medicine, 2021, 18, e1003536.	3.9	42
23	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Home-based antibody testing results, October 2020. Wellcome Open Research, 2021, 6, 34.	0.9	11
24	Pleiotropic associations of heterozygosity for the SERPINA1 Z allele in the UK Biobank. ERJ Open Research, 2021, 7, 00049-2021.	1.1	10
25	A Polygenic Risk Score to Predict Future Adult Short Stature Among Children. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1918-1928.	1.8	19
26	Polygenic risk for depression, anxiety and neuroticism are associated with the severity and rate of change in depressive symptoms across adolescence. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1462-1474.	3.1	41
27	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. Drug and Alcohol Dependence, 2021, 221, 108654.	1.6	11
28	Estimating the causal effect of BMI on mortality risk in people with heart disease, diabetes and cancer using Mendelian randomization. International Journal of Cardiology, 2021, 330, 214-220.	0.8	9
29	Loss-of-function mutations in the melanocortin 4 receptor in a UK birth cohort. Nature Medicine, 2021, 27, 1088-1096.	15.2	49
30	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	9.4	341
31	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture November 2020 â€“ March 2021. Wellcome Open Research, 2021, 6, 155.	0.9	11
32	Cholesterol Auxotrophy as a Targetable Vulnerability in Clear Cell Renal Cell Carcinoma. Cancer Discovery, 2021, 11, 3106-3125.	7.7	44
33	Schizophrenia-associated variation at ZNF804A correlates with altered experience-dependent dynamics of sleep slow waves and spindles in healthy young adults. Sleep, 2021, 44, .	0.6	1
34	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. Nature Human Behaviour, 2021, 5, 1717-1730.	6.2	62
35	Effects of adiposity on the human plasma proteome: observational and Mendelian randomisation estimates. International Journal of Obesity, 2021, 45, 2221-2229.	1.6	31
36	Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397.	13.7	183

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37	Body muscle gain and markers of cardiovascular disease susceptibility in young adulthood: A cohort study. PLoS Medicine, 2021, 18, e1003751.	3.9	5
38	The blood metabolome of incident kidney cancer: A caseâ€“control study nested within the MetKid consortium. PLoS Medicine, 2021, 18, e1003786.	3.9	16
39	Investigation of the interplay between circulating lipids and IGF-I and relevance to breast cancer risk: an observational and Mendelian randomization study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, cebp.0315.2021.	1.1	9
40	204Effects of adiposity on the human proteome: Mendelian randomization study using individual-level data. International Journal of Epidemiology, 2021, 50, .	0.9	0
41	The Role of Inflammatory Cytokines as Intermediates in the Pathway from Increased Adiposity to Disease. Obesity, 2021, 29, 428-437.	1.5	27
42	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. Journal of Human Genetics, 2021, 66, 625-636.	1.1	40
43	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Antibody testing results, April â€“ June 2021. Wellcome Open Research, 2021, 6, 283.	0.9	4
44	Genetic Studies of Metabolomics Change After a Liquid Meal Illuminate Novel Pathways for Glucose and Lipid Metabolism. Diabetes, 2021, 70, 2932-2946.	0.3	17
45	Strengthening the reporting of observational studies in epidemiology using mendelian randomisation (STROBE-MR): explanation and elaboration. BMJ, The, 2021, 375, n2233.	3.0	408
46	Strengthening the Reporting of Observational Studies in Epidemiology Using Mendelian Randomization. JAMA - Journal of the American Medical Association, 2021, 326, 1614.	3.8	829
47	Enhanced Protection Against Diarrhea Among Breastfed Infants of Nonsecretor Mothers. Pediatric Infectious Disease Journal, 2021, 40, 260-263.	1.1	9
48	MC3R links nutritional state to childhood growth and the timing of puberty. Nature, 2021, 599, 436-441.	13.7	59
49	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
50	GWAS of stool frequency provides insights into gastrointestinal motility and irritable bowel syndrome. Cell Genomics, 2021, 1, 100069.	3.0	15
51	Is population structure in the genetic biobank era irrelevant, a challenge, or an opportunity?. Human Genetics, 2020, 139, 23-41.	1.8	72
52	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
53	Diving deepâ€”multipronged investigations into RIPK1 as a risk factor for obesity. Nature Metabolism, 2020, 2, 997-998.	5.1	0
54	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	9.4	91

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55	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. BMC Medicine, 2020, 18, 396.	2.3	76
56	Early Metabolic Features of Genetic Liability to Type 2 Diabetes: Cohort Study With Repeated Metabolomics Across Early Life. Diabetes Care, 2020, 43, 1537-1545.	4.3	29
57	Genome-wide associations of human gut microbiome variation and implications for causal inference analyses. Nature Microbiology, 2020, 5, 1079-1087.	5.9	144
58	Metabolic characterisation of disturbances in the APOC3/triglyceride-rich lipoprotein pathway through sample-based recall by genotype. Metabolomics, 2020, 16, 69.	1.4	3
59	Genomic analysis of male puberty timing highlights shared genetic basis with hair colour and lifespan. Nature Communications, 2020, 11, 1536.	5.8	36
60	Genome-wide Association Study for Vitamin D Levels Reveals 69 Independent Loci. American Journal of Human Genetics, 2020, 106, 327-337.	2.6	144
61	Genome-Wide Association Study Identifies Genetic Associations with Perceived Age. Journal of Investigative Dermatology, 2020, 140, 2380-2385.	0.3	13
62	Common variation at 16p11.2 is associated with glycosuria in pregnancy: findings from a genome-wide association study in European women. Human Molecular Genetics, 2020, 29, 2098-2106.	1.4	3
63	The Dementias Platform UK (DPUK) Data Portal. European Journal of Epidemiology, 2020, 35, 601-611.	2.5	45
64	Association of Prenatal Alcohol Exposure and Offspring Depression: A Negative Control Analysis of Maternal and Partner Consumption. Alcoholism: Clinical and Experimental Research, 2020, 44, 1132-1140.	1.4	19
65	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Generation 2 questionnaire data capture May-July 2020. Wellcome Open Research, 2020, 5, 278.	0.9	6
66	Examining the causal association between 25-hydroxyvitamin D and caries in children and adults: a two-sample Mendelian randomization approach. Wellcome Open Research, 2020, 5, 281.	0.9	4
67	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture April-May 2020. Wellcome Open Research, 2020, 5, 127.	0.9	12
68	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture April-May 2020. Wellcome Open Research, 2020, 5, 127.	0.9	29
69	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture May-July 2020. Wellcome Open Research, 2020, 5, 210.	0.9	20
70	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Questionnaire data capture May-July 2020. Wellcome Open Research, 2020, 5, 210.	0.9	31
71	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. PLoS Genetics, 2020, 16, e1009191.	1.5	13
72	Piloting the objective measurement of eating behaviour at a population scale: a nested study within the Avon Longitudinal Study of Parents and Children. Wellcome Open Research, 2020, 5, 185.	0.9	1

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73	Is vitamin D a modifiable risk factor for dental caries?. Wellcome Open Research, 2020, 5, 281.	0.9	3
74	The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Generation 2 questionnaire data capture May-July 2020. Wellcome Open Research, 2020, 5, 278.	0.9	2
75	Participant acceptability of digital footprint data collection strategies: an exemplar approach to participant engagement and involvement in the ALSPAC birth cohort study.. International Journal of Population Data Science, 2020, 5, 1728.	0.1	2
76	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	1.4	76
77	Genetic and Environmental Risk Factors Associated With Trajectories of Depression Symptoms From Adolescence to Young Adulthood. JAMA Network Open, 2019, 2, e196587.	2.8	103
78	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
79	Data Resource Profile: The ALSPAC birth cohort as a platform to study the relationship of environment and health and social factors. International Journal of Epidemiology, 2019, 48, 1038-1039k.	0.9	25
80	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	4.7	86
81	Low-frequency variation in TP53 has large effects on head circumference and intracranial volume. Nature Communications, 2019, 10, 357.	5.8	30
82	Apparent latent structure within the UK Biobank sample has implications for epidemiological analysis. Nature Communications, 2019, 10, 333.	5.8	240
83	GARFIELD classifies disease-relevant genomic features through integration of functional annotations with association signals. Nature Genetics, 2019, 51, 343-353.	9.4	147
84	Assessment of reproducibility and biological variability of fasting and postprandial plasma metabolite concentrations using 1H NMR spectroscopy. PLoS ONE, 2019, 14, e0218549.	1.1	27
85	Genome-wide analysis of dental caries and periodontitis combining clinical and self-reported data. Nature Communications, 2019, 10, 2773.	5.8	183
86	Association between fat mass through adolescence and arterial stiffness: a population-based study from The Avon Longitudinal Study of Parents and Children. The Lancet Child and Adolescent Health, 2019, 3, 474-481.	2.7	45
87	Polygenic Prediction of Weight and Obesity Trajectories from Birth to Adulthood. Cell, 2019, 177, 587-596.e9.	13.5	516
88	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	9.4	402
89	The Early Growth Genetics (EGG) and EArly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. European Journal of Epidemiology, 2019, 34, 279-300.	2.5	26
90	Prenatal alcohol exposure and offspring mental health: A systematic review. Drug and Alcohol Dependence, 2019, 197, 344-353.	1.6	72

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91	Genome wide analysis for mouth ulcers identifies associations at immune regulatory loci. Nature Communications, 2019, 10, 1052.	5.8	50
92	Letter regarding article, â€œAssociations of obesity and circulating insulin and glucose with breast cancer risk: a Mendelian randomization analysisâ€. International Journal of Epidemiology, 2019, 48, 1014-1015.	0.9	6
93	Identifying Critical Points of Trajectories of Depressive Symptoms from Childhood to Young Adulthood. Journal of Youth and Adolescence, 2019, 48, 815-827.	1.9	97
94	Ethnicity, heart failure, atrial fibrillation and diabetes: collider bias. Heart, 2019, 105, 814-816.	1.2	0
95	Investigating the impact of cigarette smoking behaviours on DNA methylation patterns in adolescence. Human Molecular Genetics, 2019, 28, 155-165.	1.4	18
96	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. American Journal of Human Genetics, 2019, 104, 112-138.	2.6	106
97	The influence of obesity-related factors in the etiology of renal cell carcinomaâ€”A mendelian randomization study. PLoS Medicine, 2019, 16, e1002724.	3.9	59
98	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. Nature Genetics, 2019, 51, 51-62.	9.4	328
99	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. Nature Genetics, 2019, 51, 63-75.	9.4	1,594
100	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. Nature Genetics, 2019, 51, 245-257.	9.4	536
101	The Avon Longitudinal Study of Parents and Children (ALSPAC): an update on the enrolled sample of index children in 2019. Wellcome Open Research, 2019, 4, 51.	0.9	415
102	Intelligence in offspring born to women exposed to intimate partner violence: a population-based cohort study. Wellcome Open Research, 2019, 4, 107.	0.9	8
103	Morning plasma cortisol as a cardiovascular risk factor: findings from prospective cohort and Mendelian randomization studies. European Journal of Endocrinology, 2019, 181, 429-438.	1.9	55
104	Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. Nature Communications, 2018, 9, 711.	5.8	54
105	Heritable contributions versus genetic architecture. Nature Reviews Genetics, 2018, 19, 185-185.	7.7	1
106	Assessing the causal association between 25â€hydroxyvitamin D and the risk of oral and oropharyngeal cancer using Mendelian randomization. International Journal of Cancer, 2018, 143, 1029-1036.	2.3	24
107	Genetic architecture: the shape of the genetic contribution to human traits and disease. Nature Reviews Genetics, 2018, 19, 110-124.	7.7	335
108	Coronary artery disease, genetic risk and the metabolome in young individuals. Wellcome Open Research, 2018, 3, 114.	0.9	17

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109	Genotype-Based Recall Studies in Complex Cardiometabolic Traits. Circulation Genomic and Precision Medicine, 2018, 11, e001947.	1.6	8
110	Longitudinal serological measures of common infection in the Avon Longitudinal Study of Parents and Children cohort. Wellcome Open Research, 2018, 3, 49.	0.9	4
111	Associations of Body Mass and FatÂIndexesÂWith Cardiometabolic Traits. Journal of the American College of Cardiology, 2018, 72, 3142-3154.	1.2	93
112	Evaluation of the causal effects between subjective wellbeing and cardiometabolic health: mendelian randomisation study. BMJ: British Medical Journal, 2018, 362, k3788.	2.4	59
113	The ethics conundrum in Recall by Genotype (RbG) research: Perspectives from birth cohort participants. PLoS ONE, 2018, 13, e0202502.	1.1	10
114	BMI and Mortality in UK Biobank: Revised Estimates Using Mendelian Randomization. Obesity, 2018, 26, 1796-1806.	1.5	65
115	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	2.6	326
116	Associations of device-measured physical activity across adolescence with metabolic traits: Prospective cohort study. PLoS Medicine, 2018, 15, e1002649.	3.9	35
117	Influence of puberty timing on adiposity and cardiometabolic traits: A Mendelian randomisation study. PLoS Medicine, 2018, 15, e1002641.	3.9	77
118	The MR-Base platform supports systematic causal inference across the human phenome. ELife, 2018, 7, .	2.8	3,639
119	Tooth loss is a complex measure of oral disease: Determinants and methodological considerations. Community Dentistry and Oral Epidemiology, 2018, 46, 555-562.	0.9	49
120	Consortium-based genome-wide meta-analysis for childhood dental caries traits. Human Molecular Genetics, 2018, 27, 3113-3127.	1.4	32
121	Assessing the Causal Role of Body Mass Index on Cardiovascular Health in Young Adults. Circulation, 2018, 138, 2187-2201.	1.6	55
122	Reassessing the Association between Circulating Vitamin D and IGFBP-3: Observational and Mendelian Randomization Estimates from Independent Sources. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 1462-1471.	1.1	8
123	Using Y-Chromosomal Haplogroups in Genetic Association Studies and Suggested Implications. Genes, 2018, 9, 45.	1.0	4
124	Systematic Mendelian randomization framework elucidates hundreds of CpG sites which may mediate the influence of genetic variants on disease. Human Molecular Genetics, 2018, 27, 3293-3304.	1.4	57
125	Longitudinal serological measures of common infection in the Avon Longitudinal Study of Parents and Children cohort. Wellcome Open Research, 2018, 3, 49.	0.9	2
126	FUT2 secretor genotype and susceptibility to infections and chronic conditions in the ALSPAC cohort. Wellcome Open Research, 2018, 3, 65.	0.9	12

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127	FUT2 secretor genotype and susceptibility to infections and chronic conditions in the ALSPAC cohort. Wellcome Open Research, 2018, 3, 65.	0.9	25
128	Coronary artery disease, genetic risk and the metabolome in young individuals. Wellcome Open Research, 2018, 3, 114.	0.9	12
129	Age 23 years + oral health questionnaire in Avon Longitudinal Study of Parents and Children.. Wellcome Open Research, 2018, 3, 34.	0.9	0
130	The Genetic Sphygmomanometer: an argument for routine genome-wide genotyping in the population and a new view on its use to inform clinical practice. Wellcome Open Research, 2018, 3, 138.	0.9	0
131	Association between polygenic risk scores for attention-deficit hyperactivity disorder and educational and cognitive outcomes in the general population. International Journal of Epidemiology, 2017, 46, dyw216.	0.9	50
132	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. Molecular Psychiatry, 2017, 22, 192-201.	4.1	63
133	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. JAMA Oncology, 2017, 3, 636.	3.4	376
134	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. Journal of Allergy and Clinical Immunology, 2017, 140, 771-781.	1.5	63
135	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.	9.4	426
136	A pathway-centric approach to rare variant association analysis. European Journal of Human Genetics, 2017, 25, 123-129.	1.4	13
137	Maturation in Serum Thyroid Function Parameters Over Childhood and Puberty: Results of a Longitudinal Study. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2508-2515.	1.8	23
138	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. American Journal of Human Genetics, 2017, 100, 865-884.	2.6	131
139	Screening for familial hypercholesterolaemia in childhood: Avon Longitudinal Study of Parents and Children (ALSPAC). Atherosclerosis, 2017, 260, 47-55.	0.4	21
140	Gene discovery for oral ulceration: a UK Biobank Study. Lancet, The, 2017, 389, S46.	6.3	2
141	AHRR(cg05575921) hypomethylation marks smoking behaviour, morbidity and mortality. Thorax, 2017, 72, 646-653.	2.7	147
142	Prospective associations between problematic eating attitudes in midchildhood and the future onset of adolescent obesity and high blood pressure. American Journal of Clinical Nutrition, 2017, 105, 306-312.	2.2	16
143	Mendelian Randomization Analysis Identifies CpG Sites as Putative Mediators for Genetic Influences on Cardiovascular Disease Risk. American Journal of Human Genetics, 2017, 101, 590-602.	2.6	65
144	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. American Journal of Human Genetics, 2017, 101, 227-238.	2.6	112

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145	Using Genetic Variation to Explore the Causal Effect of Maternal Pregnancy Adiposity on Future Offspring Adiposity: A Mendelian Randomisation Study. PLoS Medicine, 2017, 14, e1002221.	3.9	71
146	Collapsed methylation quantitative trait loci analysis for low frequency and rare variants. Human Molecular Genetics, 2016, 25, 4339-4349.	1.4	11
147	A Protein Domain and Family Based Approach to Rare Variant Association Analysis. PLoS ONE, 2016, 11, e0153803.	1.1	6
148	The CHRNA5â€“A3â€“B4 Gene Cluster and Smoking: From Discovery to Therapeutics. Trends in Neurosciences, 2016, 39, 851-861.	4.2	61
149	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. Nature Genetics, 2016, 48, 624-633.	9.4	870
150	Paradoxical Relationship Between Body Mass Index and Thyroid Hormone Levels: A Study Using Mendelian Randomization. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 730-738.	1.8	40
151	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	13.7	1,204
152	Metabolic Characterization of a Rare Genetic Variation Within APOC3 and Its Lipoprotein Lipaseâ€“Independent Effects. Circulation: Cardiovascular Genetics, 2016, 9, 231-239.	5.1	28
153	Commentary: One size fits all: are there standard rules for the use of genetic instruments in Mendelian randomization?. International Journal of Epidemiology, 2016, 45, 1617-1618.	0.9	4
154	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. Nature Genetics, 2016, 48, 1303-1312.	9.4	66
155	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	13.7	406
156	Body mass index: Has epidemiology started to break down causal contributions to health and disease?. Obesity, 2016, 24, 1630-1638.	1.5	19
157	A Genome-Wide Association Meta-Analysis of Attention-Deficit/Hyperactivity Disorder Symptoms in Population-Based Pediatric Cohorts. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 896-905.e6.	0.3	112
158	A genomeâ€wide approach to children's aggressive behavior: The EAGLE consortium. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 562-572.	1.1	153
159	A reference panel of 64,976 haplotypes for genotype imputation. Nature Genetics, 2016, 48, 1279-1283.	9.4	2,421
160	A genome-wide association meta-analysis of diarrhoeal disease in young children identifiesFUT2locus and provides plausible biological pathways. Human Molecular Genetics, 2016, 25, 4127-4142.	1.4	35
161	BMI as a Modifiable Risk Factor for Type 2 Diabetes: Refining and Understanding Causal Estimates Using Mendelian Randomization. Diabetes, 2016, 65, 3002-3007.	0.3	144
162	Meta-analysis of geneâ€“environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	5.8	104

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163	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. Scientific Reports, 2016, 6, 25853.	1.6	80
164	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. Nature Genetics, 2016, 48, 1462-1472.	9.4	284
165	Genetic variants linked to education predict longevity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13366-13371.	3.3	110
166	Heritability and Genome-Wide Association Analyses of Sleep Duration in Children: The EAGLE Consortium. Sleep, 2016, 39, 1859-1869.	0.6	34
167	The range of peripapillary retinal nerve fibre layer and optic disc parameters, in children aged up to but not including 18Âyears of age who were born prematurely: protocol for a systematic review. Systematic Reviews, 2016, 5, 144.	2.5	2
168	The range of peripapillary retinal nerve fibre layer and optic disc parameters in children aged up to but not including 18Âyears of age, as measured by optical coherence tomography: protocol for a systematic review. Systematic Reviews, 2016, 5, 71.	2.5	1
169	Cigarette smoke but not electronic cigarette aerosol activates a stress response in human coronary artery endothelial cells in culture. Drug and Alcohol Dependence, 2016, 163, 256-260.	1.6	49
170	International Genome-Wide Association Study Consortium Identifies Novel Loci Associated With Blood Pressure in Children and Adolescents. Circulation: Cardiovascular Genetics, 2016, 9, 266-278.	5.1	48
171	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	5.8	153
172	Common Genetic Variants Influence Whorls inÂFingerprint Patterns. Journal of Investigative Dermatology, 2016, 136, 859-862.	0.3	19
173	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	1.4	275
174	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. Behavior Genetics, 2016, 46, 170-182.	1.4	178
175	Obesity and Multiple Sclerosis: A Mendelian Randomization Study. PLoS Medicine, 2016, 13, e1002053.	3.9	171
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