

Timothy D Spector

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

892
papers

108,853
citations

168
h-index

303
g-index

970
ext. papers

135,808
ext. citations

11.8
avg, IF

7.6
L-index

#	Paper	IF	Citations
892	Knowledge barriers in a national symptomatic-COVID-19 testing programme. <i>PLOS Global Public Health</i> , 2022 , 2, e0000028		3
891	Self-reported COVID-19 vaccine hesitancy and uptake among participants from different racial and ethnic groups in the United States and United Kingdom.. <i>Nature Communications</i> , 2022 , 13, 636	17.4	10
890	Yoghurt consumption is associated with changes in the composition of the human gut microbiome and metabolome.. <i>BMC Microbiology</i> , 2022 , 22, 39	4.5	0
889	Incremental Value of a Panel of Serum Metabolites for Predicting Risk of Atherosclerotic Cardiovascular Disease.. <i>Journal of the American Heart Association</i> , 2022 , 11, e024590	6	
888	Immunoglobulin G glycome composition in transition from premenopause to postmenopause.. <i>IScience</i> , 2022 , 25, 103897	6.1	3
887	Analysis of antibody binding specificities in twin and SNP-genotyped cohorts reveals that antiviral antibody epitope selection is a heritable trait.. <i>Immunity</i> , 2022 , 55, 174-184.e5	32.3	4
886	Characterisation, procedures and heritability of acute dietary intake in the Twins UK cohort: an observational study.. <i>Nutrition Journal</i> , 2022 , 21, 13	4.3	
885	Cross-cohort gut microbiome associations with immune checkpoint inhibitor response in advanced melanoma.. <i>Nature Medicine</i> , 2022 ,	50.5	14
884	Symptom prevalence, duration, and risk of hospital admission in individuals infected with SARS-CoV-2 during periods of omicron and delta variant dominance: a prospective observational study from the ZOE COVID Study.. <i>Lancet, The</i> , 2022 ,	40	36
883	COVID-19 vaccine waning and effectiveness and side-effects of boosters: a prospective community study from the ZOE COVID Study.. <i>Lancet Infectious Diseases, The</i> , 2022 ,	25.5	16
882	App-based COVID-19 syndromic surveillance and prediction of hospital admissions in COVID Symptom Study Sweden.. <i>Nature Communications</i> , 2022 , 13, 2110	17.4	2
881	Distinct clinical symptom patterns in patients hospitalised with COVID-19 in an analysis of 59,011 patients in the ISARIC-4C study.. <i>Scientific Reports</i> , 2022 , 12, 6843	4.9	0
880	Illness Characteristics of COVID-19 in Children Infected with the SARS-CoV-2 Delta Variant. <i>Children</i> , 2022 , 9, 652	2.8	1
879	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
878	The gut microbiome, health and personalised nutrition. <i>Trends in Urology & Men's Health</i> , 2022 , 13, 22-250.3		0
877	Effects of body weight and fat mass on back pain - direct mechanical or indirect through inflammatory and metabolic parameters?. <i>Seminars in Arthritis and Rheumatism</i> , 2021 , 151935	5.3	1
876	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24

875	Geo-social gradients in predicted COVID-19 prevalence in Great Britain: results from 1 960 242 users of the COVID-19 Symptoms Study app. <i>Thorax</i> , 2021 , 76, 723-725	7.3	8
874	Impact of insufficient sleep on dysregulated blood glucose control under standardised meal conditions. <i>Diabetologia</i> , 2021 , 1	10.3	2
873	Accessible data curation and analytics for international-scale citizen science datasets. <i>Scientific Data</i> , 2021 , 8, 297	8.2	4
872	Microbiota composition is moderately associated with greenspace composition in a UK cohort of twins.. <i>Science of the Total Environment</i> , 2021 , 813, 152321	10.2	0
871	Differential associations between diet quality scores and markers of cardiovascular health in women: cross-sectional analyses from TwinsUK. <i>British Journal of Nutrition</i> , 2021 , 126, 1017-1027	3.6	1
870	The prebiotic effects of omega-3 fatty acid supplementation: A six-week randomised intervention trial. <i>Gut Microbes</i> , 2021 , 13, 1-11	8.8	20
869	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021 , 7,	14.3	11
868	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. <i>Science Advances</i> , 2021 , 7,	14.3	50
867	Immune Trait Shifts in Association With Tobacco Smoking: A Study in Healthy Women. <i>Frontiers in Immunology</i> , 2021 , 12, 637974	8.4	7
866	Symptoms and syndromes associated with SARS-CoV-2 infection and severity in pregnant women from two community cohorts. <i>Scientific Reports</i> , 2021 , 11, 6928	4.9	10
865	Blue poo: impact of gut transit time on the gut microbiome using a novel marker. <i>Gut</i> , 2021 , 70, 1665-1674	14.2	23
864	Attributes and predictors of long COVID. <i>Nature Medicine</i> , 2021 , 27, 626-631	50.5	484
863	Postprandial glycaemic dips predict appetite and energy intake in healthy individuals. <i>Nature Metabolism</i> , 2021 , 3, 523-529	14.6	12
862	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. <i>BMJ Nutrition, Prevention and Health</i> , 2021 , 4, 149-157	6.7	30
861	Association of Lumbar Spine Radiographic Changes With Severity of Back Pain-Related Disability Among Middle-aged, Community-Dwelling Women. <i>JAMA Network Open</i> , 2021 , 4, e2110715	10.4	3
860	Gut microbiome diversity and composition is associated with hypertension in women. <i>Journal of Hypertension</i> , 2021 , 39, 1810-1816	1.9	5
859	The genomic loci of specific human tRNA genes exhibit ageing-related DNA hypermethylation. <i>Nature Communications</i> , 2021 , 12, 2655	17.4	3
858	Extensive weight loss reduces glycan age by altering IgG N-glycosylation. <i>International Journal of Obesity</i> , 2021 , 45, 1521-1531	5.5	4

857	Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study. <i>Lancet Public Health, The</i> , 2021 , 6, e335-e345	22.4	146
856	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
855	Meal-induced inflammation: postprandial insights from the Personalised REsponses to Dietary Composition Trial (PREDICT) study in 1000 participants. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1028-1038	7	6
854	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3
853	Association of social distancing and face mask use with risk of COVID-19. <i>Nature Communications</i> , 2021 , 12, 3737	17.4	23
852	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021 , 12, 3505	17.4	5
851	A Bidirectional Mendelian Randomization Study to evaluate the causal role of reduced blood vitamin D levels with type 2 diabetes risk in South Asians and Europeans. <i>Nutrition Journal</i> , 2021 , 20, 71	4.3	1
850	Vaccine side-effects and SARS-CoV-2 infection after vaccination in users of the COVID Symptom Study app in the UK: a prospective observational study. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 939-949	25.5	284
849	Dietary Interventions Reduce Traditional and Novel Cardiovascular Risk Markers by Altering the Gut Microbiome and Their Metabolites. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 691564	5.4	5
848	Cancer and Risk of COVID-19 Through a General Community Survey. <i>Oncologist</i> , 2021 , 26, e182	5.7	15
847	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021 , 5, 59-70	12.8	33
846	A Prediction Model to Prioritize Individuals for a SARS-CoV-2 Test Built from National Symptom Surveys. <i>Med</i> , 2021 , 2, 196-208.e4	31.7	12
845	Current smoking and COVID-19 risk: results from a population symptom app in over 2.4 million people. <i>Thorax</i> , 2021 , 76, 714-722	7.3	47
844	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021 , 53, 156-165	36.3	80
843	Ketogenic diet and ketone bodies enhance the anticancer effects of PD-1 blockade. <i>JCI Insight</i> , 2021 , 6,	9.9	45
842	Epigenome-Wide Association Study of Thyroid Function Traits Identifies Novel Associations of FT3 With KLF9 and DOT1L. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e2191-e2202	5.6	2
841	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021 , 30, 393-409	5.6	6
840	High intake of vegetables is linked to lower white blood cell profile and the effect is mediated by the gut microbiome. <i>BMC Medicine</i> , 2021 , 19, 37	11.4	12

839	Genomic Insights into Adaptations of Trimethylamine-Utilizing Methanogens to Diverse Habitats, Including the Human Gut. <i>MSystems</i> , 2021 , 6,	7.6	5
838	A GWAS in Latin Americans identifies novel face shape loci, implicating VPS13B and a Denisovan introgressed region in facial variation. <i>Science Advances</i> , 2021 , 7,	14.3	7
837	Racial and ethnic differences in COVID-19 vaccine hesitancy and uptake 2021 ,		43
836	Circulating Levels of the Short-Chain Fatty Acid Acetate Mediate the Effect of the Gut Microbiome on Visceral Fat. <i>Frontiers in Microbiology</i> , 2021 , 12, 711359	5.7	6
835	Effect of Heeled Shoes on Joint Symptoms and Knee Osteoarthritis in Older Adults: A 5-Year Follow-Up Study. <i>ACR Open Rheumatology</i> , 2021 , 3, 614-621	3.5	0
834	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397	30.4	28
833	Increased habitual flavonoid intake predicts attenuation of cognitive ageing in twins. <i>BMC Medicine</i> , 2021 , 19, 185	11.4	0
832	Race, ethnicity, community-level socioeconomic factors, and risk of COVID-19 in the United States and the United Kingdom. <i>EClinicalMedicine</i> , 2021 , 38, 101029	11.3	16
831	Anxiety and depression symptoms after COVID-19 infection: results from the COVID Symptom Study app. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 1254-1258	5.5	2
830	Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , 2021 , 12, 5618	17.4	6
829	Risk factors and disease profile of post-vaccination SARS-CoV-2 infection in UK users of the COVID Symptom Study app: a prospective, community-based, nested, case-control study. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	115
828	Diet quality and risk and severity of COVID-19: a prospective cohort study. <i>Gut</i> , 2021 , 70, 2096-2104	19.2	30
827	Specific body mass index trajectories were related to musculoskeletal pain and mortality: 19-year follow-up cohort. <i>Journal of Clinical Epidemiology</i> , 2021 , 141, 54-63	5.7	1
826	Estrogen and COVID-19 symptoms: Associations in women from the COVID Symptom Study. <i>PLoS ONE</i> , 2021 , 16, e0257051	3.7	14
825	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021 , 53, 1311-1321	36.3	27
824	Early detection of COVID-19 in the UK using self-reported symptoms: a large-scale, prospective, epidemiological surveillance study. <i>The Lancet Digital Health</i> , 2021 , 3, e587-e598	14.4	13
823	Anosmia, ageusia, and other COVID-19-like symptoms in association with a positive SARS-CoV-2 test, across six national digital surveillance platforms: an observational study. <i>The Lancet Digital Health</i> , 2021 , 3, e577-e586	14.4	19
822	Genome-Wide Association Study Identifies Two Novel Loci Associated with Female Stress and Urgency Urinary Incontinence. <i>Journal of Urology</i> , 2021 , 206, 679-687	2.5	3

821	Plasma N-glycome shows continuous deterioration as the diagnosis of insulin resistance approaches. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	2
820	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021 , 184, 4784-4818.e17	50.1	17
819	Illness duration and symptom profile in symptomatic UK school-aged children tested for SARS-CoV-2. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 708-718	14.5	98
818	The complexities of the diet-microbiome relationship: advances and perspectives. <i>Genome Medicine</i> , 2021 , 13, 10	14.4	15
817	Detecting COVID-19 infection hotspots in England using large-scale self-reported data from a mobile application: a prospective, observational study. <i>Lancet Public Health</i> , 2021 , 6, e21-e29	22.4	43
816	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> , 2021 , 66, 625-636	4.3	12
815	Microbiome connections with host metabolism and habitual diet from 1,098 deeply phenotyped individuals. <i>Nature Medicine</i> , 2021 , 27, 321-332	50.5	124
814	Diet and lifestyle behaviour disruption related to the pandemic was varied and bidirectional among US and UK adults participating in the ZOE COVID Study. <i>Nature Food</i> , 2021 , 2, 957-969	14.4	2
813	Disentangling post-vaccination symptoms from early COVID-19. <i>EClinicalMedicine</i> , 2021 , 42, 101212	11.3	1
812	Estimates of the rate of infection and asymptomatic COVID-19 disease in a population sample from SE England. <i>Journal of Infection</i> , 2020 , 81, 931-936	18.9	32
811	The association between low birth weight, childhood recollections of parental response to illness, and irritable bowel syndrome: a twin study. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13939	4	1
810	Habitual sleep disturbances and migraine: a Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 2370-2380	5.3	6
809	Genetic aetiology of blood pressure relates to aortic stiffness with bi-directional causality: evidence from heritability, blood pressure polymorphisms, and Mendelian randomization. <i>European Heart Journal</i> , 2020 , 41, 3314-3322	9.5	9
808	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. <i>Science</i> , 2020 , 368, 1362-1367	33.3	208
807	The COronavirus Pandemic Epidemiology (COPE) Consortium: A Call to Action. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1283-1289	4	22
806	Real-time tracking of self-reported symptoms to predict potential COVID-19. <i>Nature Medicine</i> , 2020 , 26, 1037-1040	50.5	750
805	Building an international consortium for tracking coronavirus health status. <i>Nature Medicine</i> , 2020 , 26, 1161-1165	50.5	16
804	Associations between UK tap water and gut microbiota composition suggest the gut microbiome as a potential mediator of health differences linked to water quality. <i>Science of the Total Environment</i> , 2020 , 739, 139697	10.2	6

803	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443	50.4	2278
802	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542	17.4	16
801	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , 2020 , 581, 452-458	50.4	55
800	Human postprandial responses to food and potential for precision nutrition. <i>Nature Medicine</i> , 2020 , 26, 964-973	50.5	153
799	Serum metabolites reflecting gut microbiome alpha diversity predict type 2 diabetes. <i>Gut Microbes</i> , 2020 , 11, 1632-1642	8.8	22
798	Quantifying additional COVID-19 symptoms will save lives. <i>Lancet, The</i> , 2020 , 395, e107-e108	40	60
797	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. <i>Cells</i> , 2020 , 9,	7.9	7
796	Consumption of Stilbenes and Flavonoids is Linked to Reduced Risk of Obesity Independently of Fiber Intake. <i>Nutrients</i> , 2020 , 12,	6.7	10
795	Arrhythmic Gut Microbiome Signatures Predict Risk of Type 2 Diabetes. <i>Cell Host and Microbe</i> , 2020 , 28, 258-272.e6	23.4	68
794	Challenges and opportunities for better nutrition science-an essay by Tim Spector and Christopher Gardner. <i>BMJ, The</i> , 2020 , 369, m2470	5.9	5
793	Deficiency of Prebiotic Fiber and Insufficient Signaling Through Gut Metabolite-Sensing Receptors Leads to Cardiovascular Disease. <i>Circulation</i> , 2020 , 141, 1393-1403	16.7	58
792	Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , 2020 , 6, eaax0301	14.3	38
791	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020 , 106, 389-404	11	40
790	Genome-wide scan identifies novel genetic loci regulating salivary metabolite levels. <i>Human Molecular Genetics</i> , 2020 , 29, 864-875	5.6	5
789	The incidence and characteristics of accelerated knee osteoarthritis among women: the Chingford cohort. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 60	2.8	9
788	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. <i>Aging</i> , 2020 , 12, 14092-14124	5.6	6
787	Global variability of the human IgG glycome. <i>Aging</i> , 2020 , 12, 15222-15259	5.6	15
786	Detecting COVID-19 infection hotspots in England using large-scale self-reported data from a mobile application: a prospective, observational study 2020 ,		4

785	Patient Nutrition: An Overlooked Yet Emerging Variable in the Precision Oncology Equation. <i>Journal of Immunotherapy and Precision Oncology</i> , 2020 , 3, 108-112	0.6	
784	Genetic and Environmental Influences of Dietary Indices in a UK Female Twin Cohort. <i>Twin Research and Human Genetics</i> , 2020 , 23, 330-337	2.2	0
783	Self-Reported Symptoms of COVID-19, Including Symptoms Most Predictive of SARS-CoV-2 Infection, Are Heritable. <i>Twin Research and Human Genetics</i> , 2020 , 23, 316-321	2.2	29
782	Risk of COVID-19 among frontline healthcare workers and the general community: a prospective cohort study 2020 ,		80
781	SARS-CoV-2 (COVID-19) infection in pregnant women: characterization of symptoms and syndromes predictive of disease and severity through real-time, remote participatory epidemiology 2020 ,		6
780	Association of social distancing and masking with risk of COVID-19 2020 ,		3
779	Anosmia and other SARS-CoV-2 positive test-associated symptoms, across three national, digital surveillance platforms as the COVID-19 pandemic and response unfolded: an observation study 2020 ,		12
778	Red Wine Consumption Associated With Increased Gut Microbiota Diversity in 3 Independent Cohorts. <i>Gastroenterology</i> , 2020 , 158, 270-272.e2	13.3	31
777	An unsupervised learning approach to identify novel signatures of health and disease from multimodal data. <i>Genome Medicine</i> , 2020 , 12, 7	14.4	13
776	Differences between race and sex in measures of hip morphology: a population-based comparative study. <i>Osteoarthritis and Cartilage</i> , 2020 , 28, 189-200	6.2	13
775	Strain-Level Analysis of spp. from Gut Microbiomes of Adults with Differing Lactase Persistence Genotypes. <i>MSystems</i> , 2020 , 5,	7.6	5
774	Detecting SARS-CoV-2 at point of care: preliminary data comparing loop-mediated isothermal amplification (LAMP) to polymerase chain reaction (PCR). <i>BMC Infectious Diseases</i> , 2020 , 20, 783	4	34
773	Dietary Influence on Systolic and Diastolic Blood Pressure in the TwinsUK Cohort. <i>Nutrients</i> , 2020 , 12,	6.7	4
772	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
771	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020 , 588, 135-140	40.4	75
770	Widespread smell testing for COVID-19 has limited application - Authors' reply. <i>Lancet, The</i> , 2020 , 396, 1630-1631	40	4
769	Risk of COVID-19 among front-line health-care workers and the general community: a prospective cohort study. <i>Lancet Public Health, The</i> , 2020 , 5, e475-e483	22.4	899
768	Role of the gut microbiome for cancer patients receiving immunotherapy: Dietary and treatment implications. <i>European Journal of Cancer</i> , 2020 , 138, 149-155	7.5	24

767	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020 , 69, 2806-2818	0.9	10
766	Variants associated with expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111	4.8	0
765	Predicting Incident Radiographic Knee Osteoarthritis in Middle-Aged Women Within Four Years: The Importance of Knee-Level Prognostic Factors. <i>Arthritis Care and Research</i> , 2020 , 72, 88-97	4.7	2
764	Body site-specific genetic effects influence naevus count distribution in women. <i>Pigment Cell and Melanoma Research</i> , 2020 , 33, 326-333	4.5	5
763	Decreased Immunoglobulin G Core Fucosylation, A Player in Antibody-dependent Cell-mediated Cytotoxicity, is Associated with Autoimmune Thyroid Diseases. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 774-792	7.6	15
762	Effects of Environmental Factors on Severity and Mortality of COVID-19. <i>Frontiers in Medicine</i> , 2020 , 7, 607786	4.9	18
761	Metabolomic profiling identifies novel associations with Electrolyte and Acid-Base Homeostatic patterns. <i>Scientific Reports</i> , 2019 , 9, 15088	4.9	4
760	Interplay between the human gut microbiome and host metabolism. <i>Nature Communications</i> , 2019 , 10, 4505	17.4	197
759	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019 , 105, 15-28	11	12
758	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019 , 10, 2581	17.4	31
757	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
756	Circulating levels of the anti-oxidant indolepropionic acid are associated with higher gut microbiome diversity. <i>Gut Microbes</i> , 2019 , 10, 688-695	8.8	33
755	HLA Alleles Associated With Risk of Ankylosing Spondylitis and Rheumatoid Arthritis Influence the Gut Microbiome. <i>Arthritis and Rheumatology</i> , 2019 , 71, 1642-1650	9.5	63
754	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
753	Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1284-1296	6.3	16
752	Defining the genetic control of human blood plasma N-glycome using genome-wide association study. <i>Human Molecular Genetics</i> , 2019 , 28, 2062-2077	5.6	28
751	Genome-Wide Association Studies Identify Multiple Genetic Loci Influencing Eyebrow Color Variation in Europeans. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1601-1605	4.3	10
750	Hemodynamic Mechanism of the Age-Related Increase in Pulse Pressure in Women. <i>Hypertension</i> , 2019 , 73, 1018-1024	8.5	12

749	Epigenetic findings in periodontitis in UK twins: a cross-sectional study. <i>Clinical Epigenetics</i> , 2019 , 11, 27	7.7	17
748	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019 , 10, 3346	17.4	89
747	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. <i>Scientific Reports</i> , 2019 , 9, 11623	4.9	2
746	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961	12.8	32
745	Fine-Mapping of the Human Blood Plasma N-Glycome onto Its Proteome. <i>Metabolites</i> , 2019 , 9,	5.6	7
744	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3118-3131	15.1	12
743	Dissecting the role of the gut microbiota and diet on visceral fat mass accumulation. <i>Scientific Reports</i> , 2019 , 9, 9758	4.9	22
742	Bacon rashers, statistics, and controversy. <i>BMJ, The</i> , 2019 , 367, l5989	5.9	2
741	TwinsUK: The UK Adult Twin Registry Update. <i>Twin Research and Human Genetics</i> , 2019 , 22, 523-529	2.2	51
740	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 276-287	7	24
739	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019 , 4,	9.9	5
738	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019 , 8,	8.9	22
737	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
736	Virome Diversity Correlates with Intestinal Microbiome Diversity in Adult Monozygotic Twins. <i>Cell Host and Microbe</i> , 2019 , 25, 261-272.e5	23.4	89
735	Effect of Diet on the Gut Microbiota: Rethinking Intervention Duration. <i>Nutrients</i> , 2019 , 11,	6.7	158
734	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019 , 51, 51-62	36.3	152
733	Ascorbic acid metabolites are involved in intraocular pressure control in the general population. <i>Redox Biology</i> , 2019 , 20, 349-353	11.3	14
732	Socioeconomic Status and the Gut Microbiome: A TwinsUK Cohort Study. <i>Microorganisms</i> , 2019 , 7,	4.9	49

731	Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 241-251	6.3	32
730	Profound Perturbation of the Metabolome in Obesity Is Associated with Health Risk. <i>Cell Metabolism</i> , 2019 , 29, 488-500.e2	24.6	127
729	The narrow-sense and common single nucleotide polymorphism heritability of early repolarization. <i>International Journal of Cardiology</i> , 2019 , 279, 135-140	3.2	3
728	Acetaminophen (Paracetamol) Use Modifies the Sulfation of Sex Hormones. <i>EBioMedicine</i> , 2018 , 28, 316-323	8.3	18
727	Genome-wide association study of offspring birth weight in 86 577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , 2018 , 27, 742-756	5.6	98
726	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. <i>Nature Genetics</i> , 2018 , 50, 652-656	26.3	59
725	Genome-wide association study identifies nine novel loci for 2D:4D finger ratio, a putative retrospective biomarker of testosterone exposure in utero. <i>Human Molecular Genetics</i> , 2018 , 27, 2025-2038	5.6	27
724	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018 , 50, 559-571	36.3	221
723	Ensemble landmarking of 3D facial surface scans. <i>Scientific Reports</i> , 2018 , 8, 12	4.9	42
722	Deep molecular phenotypes link complex disorders and physiological insult to CpG methylation. <i>Human Molecular Genetics</i> , 2018 , 27, 1106-1121	5.6	21
721	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018 , 23, 2133-2144	15.1	46
720	Obligatory and facilitative allelic variation in the DNA methylome within common disease-associated loci. <i>Nature Communications</i> , 2018 , 9, 8	17.4	77
719	Genetics of the human face: Identification of large-effect single gene variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E676-E685	11.5	33
718	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. <i>American Journal of Human Genetics</i> , 2018 , 102, 88-102	11	119
717	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. <i>Human Molecular Genetics</i> , 2018 , 27, 559-575	5.6	33
716	Age-dependent changes in mean and variance of gene expression across tissues in a twin cohort. <i>Human Molecular Genetics</i> , 2018 , 27, 732-741	5.6	43
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714	Glycosylation Profile of Immunoglobulin G Is Cross-Sectionally Associated With Cardiovascular Disease Risk Score and Subclinical Atherosclerosis in Two Independent Cohorts. <i>Circulation Research</i> , 2018 , 122, 1555-1564	15.7	48

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712	IgG glycosylation and DNA methylation are interconnected with smoking. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 637-648	4	25
711	Conducting metagenomic studies in microbiology and clinical research. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 8629-8646	5.7	17
710	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018 , 9, 2904	17.4	39
709	Genetic and microbiome influence on lipid metabolism and dyslipidemia. <i>Physiological Genomics</i> , 2018 , 50, 117-126	3.6	44
708	Meta-analysis of human genome-microbiome association studies: the MiBioGen consortium initiative. <i>Microbiome</i> , 2018 , 6, 101	16.6	53
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706	Gut microbiota associations with common diseases and prescription medications in a population-based cohort. <i>Nature Communications</i> , 2018 , 9, 2655	17.4	225
705	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , 2018 , 19, 87	18.3	25
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700	GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal influence of schizophrenia. <i>Nature Neuroscience</i> , 2018 , 21, 1161-1170	25.5	270
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697	Detection of stable community structures within gut microbiota co-occurrence networks from different human populations. <i>PeerJ</i> , 2018 , 6, e4303	3.1	28
696	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186

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690	Genome-wide meta-analysis implicates mediators of hair follicle development and morphogenesis in risk for severe acne. <i>Nature Communications</i> , 2018 , 9, 5075	17.4	18
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687	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018 , 9, 4455	17.4	75
686	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. <i>Scientific Reports</i> , 2018 , 8, 15249	4.9	20
685	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> , 2018 , 103, 691-706	11	151
684	Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health. <i>Clinical Epigenetics</i> , 2018 , 10, 126	7.7	56
683	A metagenome-wide association study of gut microbiota in asthma in UK adults. <i>BMC Microbiology</i> , 2018 , 18, 114	4.5	44
682	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
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556	Pathway-based factor analysis of gene expression data produces highly heritable phenotypes that associate with age. <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 839-47	3.2	5
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544	Population genetic differentiation of height and body mass index across Europe. <i>Nature Genetics</i> , 2015 , 47, 1357-62	36.3	186
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36	The St. Thomas' UK Adult Twin Registry		4
35	Estimates of the rate of infection and asymptomatic COVID-19 disease in a population sample from SE England		1
34	Genomic insights into adaptations of TMA-utilizing methanogens to diverse habitats including the human gut		2
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27	Real-time tracking of self-reported symptoms to predict potential COVID-19	1
26	Rapid implementation of mobile technology for real-time epidemiology of COVID-19	34
25	Loss of smell and taste in combination with other symptoms is a strong predictor of COVID-19 infection	74
24	Self-reported symptoms of covid-19 including symptoms most predictive of SARS-CoV-2 infection, are heritable	33
23	Geo-social gradients in predicted COVID-19 prevalence and severity in Great Britain: results from 2,266,235 users of the COVID-19 Symptoms Tracker app	8
22	Key predictors of attending hospital with COVID19: An association study from the COVID Symptom Tracker App in 2,618,948 individuals	16
21	Who should we test for COVID-19? A triage model built from national symptom surveys	8
20	Symptom clusters in Covid19: A potential clinical prediction tool from the COVID Symptom study app	33
19	Large-scale association analyses identify host factors influencing human gut microbiome composition	9
18	Effects of environmental factors on severity and mortality of COVID-19	3
17	Estrogen and COVID-19 symptoms: associations in women from the COVID Symptom Study	17
16	Attributes and predictors of Long-COVID: analysis of COVID cases and their symptoms collected by the Covid Symptoms Study App	87
15	Dietary supplements during the COVID-19 pandemic: insights from 1.4M users of the COVID Symptom Study app - a longitudinal app-based community survey	6
14	Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution	1
13	Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health	2
12	Decreased IgG core fucosylation, a player in antibody-dependent cell-mediated cytotoxicity, is associated with autoimmune thyroid diseases	3

11	Global variability of the human IgG glycome	2
10	Interplay between the human gut microbiome and host metabolism	3
9	Genome-wide scan identifies novel genetic loci regulating salivary metabolite levels	1
8	Antiviral Antibody Epitope Selection is a Heritable Trait	3
7	Knowledge barriers in the symptomatic-COVID-19 testing programme in the UK: an observational study	6
6	Post-vaccination SARS-CoV-2 infection: risk factors and illness profile in a prospective, observational community-based case-control study	3
5	Illness duration and symptom profile in a large cohort of symptomatic UK school-aged children tested for SARS-CoV-2	10
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1	Changes in symptomatology, re-infection and transmissibility associated with SARS-CoV-2 variant B.1.1.7: an ecological study	35