

Adam Butterworth

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.

177
papers

19,183
citations

62
h-index

138
g-index

224
ext. papers

27,598
ext. citations

16.7
avg, IF

6.24
L-index

#	Paper	IF	Citations
177	Insights into the genetic architecture of haematological traits from deep phenotyping and whole-genome sequencing for two Mediterranean isolated populations.. <i>Scientific Reports</i> , 2022 , 12, 1131	4.9	0
176	Higher body mass index raises immature platelet count: potential contribution to obesity-related thrombosis.. <i>Platelets</i> , 2022 , 1-10	3.6	1
175	Machine learning optimized polygenic scores for blood cell traits identify sex-specific trajectories and genetic correlations with disease.. <i>Cell Genomics</i> , 2022 , 2, None		1
174	Investigating Genetic and Other Determinants of First-Onset Myocardial Infarction in Malaysia: Protocol for the Malaysian Acute Vascular Events Risk Study.. <i>JMIR Research Protocols</i> , 2022 , 11, e31885 ²		1
173	Measurement and initial characterization of leukocyte telomere length in 474,074 participants in UK Biobank. <i>Nature Aging</i> , 2022 , 2, 170-179		5
172	Association of shorter leukocyte telomere length with risk of frailty.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	1
171	Dose-response relationships for vitamin D and all-cause mortality - Authors'Reply.. <i>Lancet Diabetes and Endocrinology</i> , 2022 , 10, 158-159	18.1	
170	Modifiable traits, healthy behaviours, and leukocyte telomere length: a population-based study in UK Biobank. <i>The Lancet Healthy Longevity</i> , 2022 , 3, e321-e331	9.5	3
169	Integrative analysis of the plasma proteome and polygenic risk of cardiometabolic diseases. <i>Nature Metabolism</i> , 2021 , 3, 1476-1483	14.6	6
168	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. <i>Nutrients</i> , 2021 , 13,	6.7	1
167	Dietary Fatty Acids, Macronutrient Substitutions, Food Sources and Incidence of Coronary Heart Disease: Findings From the EPIC-CVD Case-Cohort Study Across Nine European Countries. <i>Journal of the American Heart Association</i> , 2021 , 10, e019814	6	3
166	Milk intake and incident stroke and coronary heart disease in populations of European descent: A Mendelian Randomization study. <i>British Journal of Nutrition</i> , 2021 , 1-25	3.6	0
165	Polygenic basis and biomedical consequences of telomere length variation. <i>Nature Genetics</i> , 2021 , 53, 1425-1433	36.3	15
164	Estimating dose-response relationships for vitamin D with coronary heart disease, stroke, and all-cause mortality: observational and Mendelian randomisation analyses. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 837-846	18.1	17
163	High-throughput multivariable Mendelian randomization analysis prioritizes apolipoprotein B as key lipid risk factor for coronary artery disease. <i>International Journal of Epidemiology</i> , 2021 , 50, 893-901	7.8	12
162	Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19. <i>Nature Medicine</i> , 2021 , 27, 668-676	50.5	19
161	Whole-genome sequencing association analysis of quantitative red blood cell phenotypes: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021 , 108, 874-893	11	5

160	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. <i>European Heart Journal</i> , 2021 , 42, 2439-2454	9.5	58
159	Plasma Proteomics of Renal Function: A Trans-ethnic Meta-analysis and Mendelian Randomization Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 ,	12.7	1
158	Plant foods, dietary fibre and risk of ischaemic heart disease in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. <i>International Journal of Epidemiology</i> , 2021 , 50, 212-222	7.8	5
157	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. <i>Diabetes Care</i> , 2021 , 44, 98-106	14.6	21
156	Metabolic profiling of angiotensin-like protein 3 and 4 inhibition: a drug-target Mendelian randomization analysis. <i>European Heart Journal</i> , 2021 , 42, 1160-1169	9.5	11
155	A cross-platform approach identifies genetic regulators of human metabolism and health. <i>Nature Genetics</i> , 2021 , 53, 54-64	36.3	18
154	Polygenic risk scores in cardiovascular risk prediction: A cohort study and modelling analyses. <i>PLoS Medicine</i> , 2021 , 18, e1003498	11.6	27
153	A genome-wide meta-analysis yields 46 new loci associating with biomarkers of iron homeostasis. <i>Communications Biology</i> , 2021 , 4, 156	6.7	11
152	Effects of adiposity on the human plasma proteome: observational and Mendelian randomisation estimates. <i>International Journal of Obesity</i> , 2021 , 45, 2221-2229	5.5	2
151	Shorter leukocyte telomere length is associated with adverse COVID-19 outcomes: A cohort study in UK Biobank. <i>EBioMedicine</i> , 2021 , 70, 103485	8.8	13
150	Mitochondrial DNA variants modulate N-formylmethionine, proteostasis and risk of late-onset human diseases. <i>Nature Medicine</i> , 2021 , 27, 1564-1575	50.5	4
149	Genome-wide analysis of blood lipid metabolites in over 5000 South Asians reveals biological insights at cardiometabolic disease loci. <i>BMC Medicine</i> , 2021 , 19, 232	11.4	3
148	The blood metabolome of incident kidney cancer: A case-control study nested within the MetKid consortium. <i>PLoS Medicine</i> , 2021 , 18, e1003786	11.6	1
147	Whole-genome sequencing in diverse subjects identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021 , 108, 1836-1851	11	1
146	Risk factors and prediction models for incident heart failure with reduced and preserved ejection fraction. <i>ESC Heart Failure</i> , 2021 ,	3.7	2
145	Whole genome sequence analysis of platelet traits in the NHLBI trans-omics for precision medicine initiative. <i>Human Molecular Genetics</i> , 2021 ,	5.6	2
144	Lipoprotein(a) in Alzheimer, Atherosclerotic, Cerebrovascular, Thrombotic, and Valvular Disease: Mendelian Randomization Investigation. <i>Circulation</i> , 2020 , 141, 1826-1828	16.7	29
143	The influence of rare variants in circulating metabolic biomarkers. <i>PLoS Genetics</i> , 2020 , 16, e1008605	6	3

142	Association of plasma biomarkers of fruit and vegetable intake with incident type 2 diabetes: EPIC-InterAct case-cohort study in eight European countries. <i>BMJ, The</i> , 2020 , 370, m2194	5.9	24
141	Glycemic index, glycemic load, and risk of coronary heart disease: a pan-European cohort study. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 631-643	7	10
140	The associations of major foods and fibre with risks of ischaemic and haemorrhagic stroke: a prospective study of 418 329 participants in the EPIC cohort across nine European countries. <i>European Heart Journal</i> , 2020 , 41, 2632-2640	9.5	28
139	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
138	Lifestyle factors and risk of multimorbidity of cancer and cardiometabolic diseases: a multinational cohort study. <i>BMC Medicine</i> , 2020 , 18, 5	11.4	43
137	Neurology-related protein biomarkers are associated with cognitive ability and brain volume in older age. <i>Nature Communications</i> , 2020 , 11, 800	17.4	8
136	ACE inhibition and cardiometabolic risk factors, lung and gene expression, and plasma ACE2 levels: a Mendelian randomization study. <i>Royal Society Open Science</i> , 2020 , 7, 200958	3.3	6
135	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020 , 2, 1135-1148	14.6	61
134	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: A meta-analysis and Mendelian randomisation analysis. <i>PLoS Medicine</i> , 2020 , 17, e1003394	11.6	15
133	The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , 2020 , 182, 1214-1231.e11	56.2	96
132	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
131	Large genome-wide association study identifies three novel risk variants for restless legs syndrome. <i>Communications Biology</i> , 2020 , 3, 703	6.7	11
130	Validation of a Genome-Wide Polygenic Score for Coronary Artery Disease in South Asians. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 703-714	15.1	22
129	Development and validation of a universal blood donor genotyping platform: a multinational prospective study. <i>Blood Advances</i> , 2020 , 4, 3495-3506	7.8	7
128	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. <i>Cell</i> , 2020 , 182, 1198-1213.e14	56.2	88
127	Phenome-wide Mendelian randomization mapping the influence of the plasma proteome on complex diseases. <i>Nature Genetics</i> , 2020 , 52, 1122-1131	36.3	75
126	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020 , 25, 2392-2409	15.1	45
125	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019 , 10, 4130	17.4	43

124	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
123	Association of Triglyceride-Lowering LPL Variants and LDL-C-Lowering LDLR Variants With Risk of Coronary Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 364-373	27.4	263
122	PhenoScanner V2: an expanded tool for searching human genotype-phenotype associations. <i>Bioinformatics</i> , 2019 , 35, 4851-4853	7.2	260
121	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
120	Consumption of Meat, Fish, Dairy Products, and Eggs and Risk of Ischemic Heart Disease. <i>Circulation</i> , 2019 , 139, 2835-2845	16.7	52
119	An Unbiased Lipid Phenotyping Approach To Study the Genetic Determinants of Lipids and Their Association with Coronary Heart Disease Risk Factors. <i>Journal of Proteome Research</i> , 2019 , 18, 2397-2410	5.6	38
118	Association of Plasma Vitamin D Metabolites With Incident Type 2 Diabetes: EPIC-InterAct Case-Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1293-1303	5.6	17
117	Body mass index and all cause mortality in HUNT and UK Biobank studies: linear and non-linear mendelian randomisation analyses. <i>BMJ, The</i> , 2019 , 364, l1042	5.9	58
116	Assessing the causal association of glycine with risk of cardio-metabolic diseases. <i>Nature Communications</i> , 2019 , 10, 1060	17.4	38
115	Mendelian Randomization Study of and Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2019 , 380, 1033-1042	59.2	116
114	Effect of communicating phenotypic and genetic risk of coronary heart disease alongside web-based lifestyle advice: the INFORM Randomised Controlled Trial. <i>Heart</i> , 2019 , 105, 982-989	5.1	14
113	Association of menopausal characteristics and risk of coronary heart disease: a pan-European case-cohort analysis. <i>International Journal of Epidemiology</i> , 2019 , 48, 1275-1285	7.8	23
112	Interleukin-6 Receptor Signaling and Abdominal Aortic Aneurysm Growth Rates. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002413	5.2	25
111	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019 , 51, 481-493	36.3	156
110	Identification of Novel Variants Associated with Fetal Hemoglobin Levels in Healthy Donors (the INTERVAL study). <i>Blood</i> , 2019 , 134, 2243-2243	2.2	
109	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
108	Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. <i>PLoS Biology</i> , 2019 , 17, e3000572	9.7	15
107	Genomic risk score offers predictive performance comparable to clinical risk factors for ischaemic stroke. <i>Nature Communications</i> , 2019 , 10, 5819	17.4	54

106	Genetic Determinants of Lipids and Cardiovascular Disease Outcomes: A Wide-Angled Mendelian Randomization Investigation. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002711	5.2	41
105	Genome-wide analysis identifies molecular systems and 149 genetic loci associated with income. <i>Nature Communications</i> , 2019 , 10, 5741	17.4	42
104	Development and evaluation of a transfusion medicine genome wide genotyping array. <i>Transfusion</i> , 2019 , 59, 101-111	2.9	12
103	Cardiovascular Risk Factors Associated With Venous Thromboembolism. <i>JAMA Cardiology</i> , 2019 , 4, 163-173	17.2	102
102	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and Alcohol Use. <i>Biological Psychiatry</i> , 2019 , 85, 946-955	7.9	35
101	ProGeM: a framework for the prioritization of candidate causal genes at molecular quantitative trait loci. <i>Nucleic Acids Research</i> , 2019 , 47, e3	20.1	45
100	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
99	Risk thresholds for alcohol consumption: combined analysis of individual-participant data for 599 912 current drinkers in 83 prospective studies. <i>Lancet, The</i> , 2018 , 391, 1513-1523	40	530
98	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
97	Genome-wide mapping of plasma protein QTLs identifies putatively causal genes and pathways for cardiovascular disease. <i>Nature Communications</i> , 2018 , 9, 3268	17.4	111
96	Genomic atlas of the human plasma proteome. <i>Nature</i> , 2018 , 558, 73-79	50.4	529
95	Association of LPA Variants With Risk of Coronary Disease and the Implications for Lipoprotein(a)-Lowering Therapies: A Mendelian Randomization Analysis. <i>JAMA Cardiology</i> , 2018 , 3, 619-627	16.2	235
94	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
93	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018 , 50, 524-537	36.3	536
92	Separate and combined associations of obesity and metabolic health with coronary heart disease: a pan-European case-cohort analysis. <i>European Heart Journal</i> , 2018 , 39, 397-406	9.5	146
91	Cohort-wide deep whole genome sequencing and the allelic architecture of complex traits. <i>Nature Communications</i> , 2018 , 9, 4674	17.4	19
90	Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. <i>Circulation</i> , 2018 , 138, 2499-2512	16.7	36
89	Genomic Risk Prediction of Coronary Artery Disease in 480,000 Adults: Implications for Primary Prevention. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1883-1893	15.1	285

88	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
87	Alcohol intake in relation to non-fatal and fatal coronary heart disease and stroke: EPIC-CVD case-cohort study. <i>BMJ, The</i> , 2018 , 361, k934	5.9	44
86	Automated typing of red blood cell and platelet antigens: a whole-genome sequencing study. <i>Lancet Haematology, the</i> , 2018 , 5, e241-e251	14.6	35
85	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
84	Polygenic Risk Score Identifies Subgroup With Higher Burden of Atherosclerosis and Greater Relative Benefit From Statin Therapy in the Primary Prevention Setting. <i>Circulation</i> , 2017 , 135, 2091-2101	16.7	244
83	Genetic invalidation of Lp-PLA as a therapeutic target: Large-scale study of five functional Lp-PLA-lowering alleles. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 492-504	3.9	16
82	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 823-836	15.1	146
81	A comparison of Cox and logistic regression for use in genome-wide association studies of cohort and case-cohort design. <i>European Journal of Human Genetics</i> , 2017 , 25, 854-862	5.3	23
80	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. <i>Nature Genetics</i> , 2017 , 49, 1113-1119	36.3	184
79	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , 2017 , 100, 865-884	11	74
78	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	36.6	310
77	Identification of novel risk loci for restless legs syndrome in genome-wide association studies in individuals of European ancestry: a meta-analysis. <i>Lancet Neurology, The</i> , 2017 , 16, 898-907	24.1	121
76	New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475 000 Individuals. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		33
75	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1385-1391	36.3	361
74	Coffee Drinking and Mortality in 10 European Countries: A Multinational Cohort Study. <i>Annals of Internal Medicine</i> , 2017 , 167, 236-247	8	127
73	Platelet function is modified by common sequence variation in megakaryocyte super enhancers. <i>Nature Communications</i> , 2017 , 8, 16058	17.4	30
72	Rare Variant Analysis of Human and Rodent Obesity Genes in Individuals with Severe Childhood Obesity. <i>Scientific Reports</i> , 2017 , 7, 4394	4.9	31
71	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22

70	Association of Genetic Variants Related to CETP Inhibitors and Statins With Lipoprotein Levels and Cardiovascular Risk. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 947-956	27.4	169
69	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017 , 49, 1450-1457	36.3	136
68	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	36.3	181
67	The Allelic Landscape of Human Blood Cell Trait Variation and Links to Common Complex Disease. <i>Cell</i> , 2016 , 167, 1415-1429.e19	56.2	637
66	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. <i>Cell</i> , 2016 , 167, 1145-1149	56.2	232
65	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016 , 8, 341ra76	17.5	77
64	PhenoScanner: a database of human genotype-phenotype associations. <i>Bioinformatics</i> , 2016 , 32, 3207-3209	20.9	430
63	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016 , 351, 1166-71	33.3	325
62	Association of Multiple Biomarkers of Iron Metabolism and Type 2 Diabetes: The EPIC-InterAct Study. <i>Diabetes Care</i> , 2016 , 39, 572-81	14.6	48
61	Beyond Mendelian randomization: how to interpret evidence of shared genetic predictors. <i>Journal of Clinical Epidemiology</i> , 2016 , 69, 208-16	5.7	54
60	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
59	Parity, breastfeeding and risk of coronary heart disease: A pan-European case-cohort study. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1755-1765	3.9	39
58	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 1134-44	59.2	325
57	Natriuretic peptides and integrated risk assessment for cardiovascular disease: an individual-participant-data meta-analysis. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 840-9	18.1	108
56	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. <i>Nature Genetics</i> , 2016 , 48, 1303-1312	36.3	51
55	Association of Cardiometabolic Multimorbidity With Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 52-60	27.4	365
54	The Bangladesh Risk of Acute Vascular Events (BRAVE) Study: objectives and design. <i>European Journal of Epidemiology</i> , 2015 , 30, 577-87	12.1	16
53	Cardiometabolic effects of genetic upregulation of the interleukin 1 receptor antagonist: a Mendelian randomisation analysis. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 243-53	18.1	81

52	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. <i>Human Molecular Genetics</i> , 2015 , 24, 3582-94	5.6	34
51	Network Mendelian randomization: using genetic variants as instrumental variables to investigate mediation in causal pathways. <i>International Journal of Epidemiology</i> , 2015 , 44, 484-95	7.8	144
50	Comparative validity of vitamin C and carotenoids as indicators of fruit and vegetable intake: a systematic review and meta-analysis of randomised controlled trials. <i>British Journal of Nutrition</i> , 2015 , 114, 1331-40	3.6	15
49	Information and Risk Modification Trial (INFORM): design of a randomised controlled trial of communicating different types of information about coronary heart disease risk, alongside lifestyle advice, to achieve change in health-related behaviour. <i>BMC Public Health</i> , 2015 , 15, 868	4.1	9
48	Association of dietary, circulating, and supplement fatty acids with coronary risk: a systematic review and meta-analysis. <i>Annals of Internal Medicine</i> , 2014 , 160, 398-406	8	763
47	Inflammatory cytokines and risk of coronary heart disease: new prospective study and updated meta-analysis. <i>European Heart Journal</i> , 2014 , 35, 578-89	9.5	344
46	Leucocyte telomere length and risk of type 2 diabetes mellitus: new prospective cohort study and literature-based meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e112483	3.7	144
45	Leucocyte telomere length and risk of cardiovascular disease: systematic review and meta-analysis. <i>BMJ, The</i> , 2014 , 349, g4227	5.9	501
44	Assessing risk prediction models using individual participant data from multiple studies. <i>American Journal of Epidemiology</i> , 2014 , 179, 621-32	3.8	36
43	Glycated hemoglobin measurement and prediction of cardiovascular disease. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1225-33	27.4	136
42	Mendelian randomization analysis with multiple genetic variants using summarized data. <i>Genetic Epidemiology</i> , 2013 , 37, 658-65	2.6	1047
41	Functional IL6R 358Ala allele impairs classical IL-6 receptor signaling and influences risk of diverse inflammatory diseases. <i>PLoS Genetics</i> , 2013 , 9, e1003444	6	170
40	GUESS-ing polygenic associations with multiple phenotypes using a GPU-based evolutionary stochastic search algorithm. <i>PLoS Genetics</i> , 2013 , 9, e1003657	6	45
39	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. <i>Lancet, The</i> , 2012 , 379, 1205-13	40	522
38	Use of Mendelian randomisation to assess potential benefit of clinical intervention. <i>BMJ, The</i> , 2012 , 345, e7325	5.9	133
37	Lipid-related markers and cardiovascular disease prediction. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 2499-506	27.4	271
36	C-reactive protein, fibrinogen, and cardiovascular disease prediction. <i>New England Journal of Medicine</i> , 2012 , 367, 1310-20	59.2	750
35	Adult height and the risk of cause-specific death and vascular morbidity in 1 million people: individual participant meta-analysis. <i>International Journal of Epidemiology</i> , 2012 , 41, 1419-33	7.8	178

34	Large-scale gene-centric analysis identifies novel variants for coronary artery disease. <i>PLoS Genetics</i> , 2011 , 7, e1002260	6	175
33	Genetic determinants of major blood lipids in Pakistanis compared with Europeans. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 348-57		20
32	Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. <i>Lancet, The</i> , 2010 , 375, 1634-9	40	520
31	Association of the 9p21.3 locus with risk of first-ever myocardial infarction in Pakistanis: case-control study in South Asia and updated meta-analysis of Europeans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1467-73	9.4	45
30	Array CGH in patients with learning disability (mental retardation) and congenital anomalies: updated systematic review and meta-analysis of 19 studies and 13,926 subjects. <i>Genetics in Medicine</i> , 2009 , 11, 139-46	8.1	164
29	Seven lipoprotein lipase gene polymorphisms, lipid fractions, and coronary disease: a HuGE association review and meta-analysis. <i>American Journal of Epidemiology</i> , 2008 , 168, 1233-46	3.8	98
28	Relative and absolute risk of colorectal cancer for individuals with a family history: a meta-analysis. <i>European Journal of Cancer</i> , 2006 , 42, 216-27	7.5	295
27	Cohort-wide deep whole genome sequencing and the allelic architecture of complex traits		1
26	Genetic determinants of lipids and cardiovascular disease outcomes: a wide-angled Mendelian randomization investigation		1
25	Consequences of natural perturbations in the human plasma proteome		10
24	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes		4
23	Genetic analysis of over one million people identifies 535 novel loci for blood pressure		4
22	Integrative analysis of the plasma proteome and polygenic risk of cardiometabolic diseases		4
21	Genetic Analyses of Blood Cell Structure for Biological and Pharmacological Inference		3
20	The Polygenic and Monogenic Basis of Blood Traits and Diseases		3
19	Cross-platform genetic discovery of small molecule products of metabolism and application to clinical outcomes		8
18	High-throughput multivariable Mendelian randomization analysis prioritizes apolipoprotein B as key lipid risk factor for coronary artery disease		1
17	Learning polygenic scores for human blood cell traits		1

16	Genomic evaluation of circulating proteins for drug target characterisation and precision medicine	5
15	ACE inhibition and cardiometabolic risk factors, lung ACE2 and TMPRSS2 gene expression, and plasma ACE2 levels: a Mendelian randomization study	4
14	Effects of adiposity on the human plasma proteome: Observational and Mendelian randomization estimates	1
13	Genome-wide analysis of blood lipid metabolites in over 5,000 South Asians reveals biological insights at cardiometabolic disease loci	1
12	Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19	1
11	Whole genome sequencing association analysis of quantitative red blood cell phenotypes: the NHLBI TOPMed program	1
10	ProGeM: A framework for the prioritisation of candidate causal genes at molecular quantitative trait loci	2
9	Genomic risk prediction of coronary artery disease in nearly 500,000 adults: implications for early screening and primary prevention	17
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