

Abbas Dehghan

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.

300
papers

38,338
citations

82
h-index

193
g-index

327
ext. papers

47,550
ext. citations

10.9
avg, IF

7.42
L-index

#	Paper	IF	Citations
300	A multi-omics study of circulating phospholipid markers of blood pressure.. <i>Scientific Reports</i> , 2022 , 12, 574	4.9	0
299	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores.. <i>BMC Medicine</i> , 2022 , 20, 34	11.4	0
298	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis.. <i>BMC Medicine</i> , 2022 , 20, 3	11.4	1
297	Elucidating mechanisms of genetic cross-disease associations at the PROCRA vascular disease locus.. <i>Nature Communications</i> , 2022 , 13, 1222	17.4	0
296	Genetic analysis of over half a million people characterises C-reactive protein loci.. <i>Nature Communications</i> , 2022 , 13, 2198	17.4	2
295	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 ,	36.3	7
294	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. <i>Nature Communications</i> , 2022 , 13, 2408	17.4	1
293	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5,	6.7	1
292	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. <i>BMC Medicine</i> , 2021 , 19, 266	11.4	3
291	Blood pressure lowering and risk of new-onset type 2 diabetes: an individual participant data meta-analysis. <i>Lancet, The</i> , 2021 , 398, 1803-1810	40	11
290	Effect of Religious Fasting in Ramadan on Blood Pressure: Results From LORANS (London Ramadan Study) and a Meta-Analysis. <i>Journal of the American Heart Association</i> , 2021 , 10, e021560	6	3
289	Genetic susceptibility, elevated blood pressure, and risk of atrial fibrillation: a Mendelian randomization study. <i>Genome Medicine</i> , 2021 , 13, 38	14.4	4
288	Investigating the relationships between unfavourable habitual sleep and metabolomic traits: evidence from multi-cohort multivariable regression and Mendelian randomization analyses. <i>BMC Medicine</i> , 2021 , 19, 69	11.4	1
287	Epigenome-wide association meta-analysis of DNA methylation with coffee and tea consumption. <i>Nature Communications</i> , 2021 , 12, 2830	17.4	9
286	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. <i>Nature Communications</i> , 2021 , 12, 2579	17.4	7
285	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
284	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3

283	Genetic correlation and causal relationships between cardio-metabolic traits and lung function impairment. <i>Genome Medicine</i> , 2021 , 13, 104	14.4	2
282	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , 2021 , 36, 1143-1155	12.1	4
281	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021 , 30, 393-409	5.6	6
280	Urate, Blood Pressure, and Cardiovascular Disease: Evidence From Mendelian Randomization and Meta-Analysis of Clinical Trials. <i>Hypertension</i> , 2021 , 77, 383-392	8.5	15
279	Effect of metabolic genetic variants on long-term disease comorbidity in patients with type 2 diabetes. <i>Scientific Reports</i> , 2021 , 11, 2794	4.9	
278	Genetic susceptibility, obesity and lifetime risk of type 2 diabetes: The ARIC study and Rotterdam Study. <i>Diabetic Medicine</i> , 2021 , 38, e14639	3.5	2
277	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
276	Intermittent fasting for the prevention of cardiovascular disease. <i>The Cochrane Library</i> , 2021 , 1, CD013496	3.6	11
275	Early exposure to social disadvantages and later life body mass index beyond genetic predisposition in three generations of Finnish birth cohorts. <i>BMC Public Health</i> , 2020 , 20, 708	4.1	3
274	Trajectories of BMI Before Diagnosis of Type 2 Diabetes: The Rotterdam Study. <i>Obesity</i> , 2020 , 28, 1149-1156	4.5	7
273	Genetically determined blood pressure, antihypertensive drug classes, and risk of stroke subtypes. <i>Neurology</i> , 2020 , 95, e353-e361	6.5	19
272	What is new in the exposome?. <i>Environment International</i> , 2020 , 143, 105887	12.9	40
271	Estimated 24-Hour Urinary Sodium Excretion and Incident Cardiovascular Disease and Mortality Among 398 628 Individuals in UK Biobank. <i>Hypertension</i> , 2020 , 76, 683-691	8.5	7
270	Plasma lipids and risk of aortic valve stenosis: a Mendelian randomization study. <i>European Heart Journal</i> , 2020 , 41, 3913-3920	9.5	30
269	Could vitamin D reduce obesity-associated inflammation? Observational and Mendelian randomization study. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 1036-1047	7	12
268	Genetic loci associated with prevalent and incident myocardial infarction and coronary heart disease in the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. <i>PLoS ONE</i> , 2020 , 15, e0230035	3.7	4
267	Long-term prognosis after kidney donation: a propensity score matched comparison of living donors and non-donors from two population cohorts. <i>European Journal of Epidemiology</i> , 2020 , 35, 699-707	12.1	8
266	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020 , 11, 163	17.4	140

265	Impact of serum 25-hydroxyvitamin D 25(OH) on telomere attrition: A Mendelian Randomization study. <i>Clinical Nutrition</i> , 2020 , 39, 2730-2733	5.9	2
264	Accelerated MRI-predicted brain ageing and its associations with cardiometabolic and brain disorders. <i>Scientific Reports</i> , 2020 , 10, 19940	4.9	7
263	Lifetime risk to progress from pre-diabetes to type 2 diabetes among women and men: comparison between American Diabetes Association and World Health Organization diagnostic criteria. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	4
262	A Mendelian randomization of Band total fibrinogen levels in relation to venous thromboembolism and ischemic stroke. <i>Blood</i> , 2020 , 136, 3062-3069	2.2	6
261	A population-based phenome-wide association study of cardiac and aortic structure and function. <i>Nature Medicine</i> , 2020 , 26, 1654-1662	50.5	23
260	Sleep, major depressive disorder, and Alzheimer disease: A Mendelian randomization study. <i>Neurology</i> , 2020 , 95, e1963-e1970	6.5	7
259	Predictive Accuracy of a Polygenic Risk Score-Enhanced Prediction Model vs a Clinical Risk Score for Coronary Artery Disease. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 636-645	27.4	125
258	Education protects against coronary heart disease and stroke independently of cognitive function: evidence from Mendelian randomization. <i>International Journal of Epidemiology</i> , 2019 , 48, 1468-1477	7.8	22
257	Associations of genetically determined iron status across the phenome: A mendelian randomization study. <i>PLoS Medicine</i> , 2019 , 16, e1002833	11.6	18
256	Use of Genetic Variants Related to Antihypertensive Drugs to Inform on Efficacy and Side Effects. <i>Circulation</i> , 2019 , 140, 270-279	16.7	45
255	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
254	Novel metabolic indices and incident type 2 diabetes among women and men: the Rotterdam Study. <i>Diabetologia</i> , 2019 , 62, 1581-1590	10.3	26
253	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019 , 10, 2581	17.4	31
252	Understanding the consequences of education inequality on cardiovascular disease: mendelian randomisation study. <i>BMJ, The</i> , 2019 , 365, l1855	5.9	76
251	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. <i>PLoS ONE</i> , 2019 , 14, e0216222	3.7	11
250	Epigenetics and Inflammatory Markers: A Systematic Review of the Current Evidence. <i>International Journal of Inflammation</i> , 2019 , 2019, 6273680	6.4	20
249	Serum metabolic signatures of coronary and carotid atherosclerosis and subsequent cardiovascular disease. <i>European Heart Journal</i> , 2019 , 40, 2883-2896	9.5	58
248	Dissecting the association of autophagy-related genes with cardiovascular diseases and intermediate vascular traits: A population-based approach. <i>PLoS ONE</i> , 2019 , 14, e0214137	3.7	9

247	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , 2019 , 188, 991-1012	3.8	44
246	A Peripheral Blood DNA Methylation Signature of Hepatic Fat Reveals a Potential Causal Pathway for Nonalcoholic Fatty Liver Disease. <i>Diabetes</i> , 2019 , 68, 1073-1083	0.9	25
245	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019 , 140, 645-657	16.7	65
244	GWAS for urinary sodium and potassium excretion highlights pathways shared with cardiovascular traits. <i>Nature Communications</i> , 2019 , 10, 3653	17.4	12
243	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 240	2.3	8
242	Intermittent fasting for the prevention of cardiovascular disease. <i>The Cochrane Library</i> , 2019 ,	5.2	6
241	Associations of Regional Brain Structural Differences With Aging, Modifiable Risk Factors for Dementia, and Cognitive Performance. <i>JAMA Network Open</i> , 2019 , 2, e1917257	10.4	23
240	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019 , 104, 112-138	11	54
239	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. <i>Circulation</i> , 2019 , 139, 620-635	16.7	51
238	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 58-66	15.1	86
237	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. <i>Blood</i> , 2019 , 133, 967-977	2.2	17
236	Linking Metabolic Phenotyping and Genomic Information 2019 , 561-569		2
235	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor α . <i>JAMA Cardiology</i> , 2018 , 3, 463-472	16.2	17
234	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
233	A systematic analysis highlights multiple long non-coding RNAs associated with cardiometabolic disorders. <i>Journal of Human Genetics</i> , 2018 , 63, 431-446	4.3	14
232	Genetic Predisposition to High Blood Pressure and Lifestyle Factors: Associations With Midlife Blood Pressure Levels and Cardiovascular Events. <i>Circulation</i> , 2018 , 137, 653-661	16.7	70
231	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018 , 47, 872-883i	7.8	40
230	Kidney function, gait pattern and fall in the general population: a cohort study. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 2165-2172	4.3	7

229	Age-dependent association of thyroid function with brain morphology and microstructural organization: evidence from brain imaging. <i>Neurobiology of Aging</i> , 2018 , 61, 44-51	5.6	9
228	DNA methylation age is associated with an altered hemostatic profile in a multiethnic meta-analysis. <i>Blood</i> , 2018 , 132, 1842-1850	2.2	11
227	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	14
226	Genome-Wide Association Studies. <i>Methods in Molecular Biology</i> , 2018 , 1793, 37-49	1.4	19
225	Blood Metabolomic Measures Associate With Present and Future Glycemic Control in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 4569-4579	5.6	18
224	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018 , 9, 5141	17.4	64
223	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. <i>Nature Genetics</i> , 2018 , 50, 1505-1513	36.3	675
222	Genetically Determined FXI (Factor XI) Levels and Risk of Stroke. <i>Stroke</i> , 2018 , 49, 2761-2763	6.7	17
221	Iron Status and Risk of Stroke. <i>Stroke</i> , 2018 , 49, 2815-2821	6.7	37
220	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. <i>Nature Communications</i> , 2018 , 9, 4228	17.4	31
219	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018 , 177, 641-657	3.5	75
218	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
217	An Epigenome-Wide Association Study of Obesity-Related Traits. <i>American Journal of Epidemiology</i> , 2018 , 187, 1662-1669	3.8	41
216	Serum magnesium and the risk of prediabetes: a population-based cohort study. <i>Diabetologia</i> , 2017 , 60, 843-853	10.3	49
215	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
214	Epigenome-wide association study (EWAS) on lipids: the Rotterdam Study. <i>Clinical Epigenetics</i> , 2017 , 9, 15	7.7	71
213	Novel inflammatory markers for incident pre-diabetes and type 2 diabetes: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2017 , 32, 217-226	12.1	30
212	Genetic variants in microRNAs and their binding sites within gene 3JTRs associate with susceptibility to age-related macular degeneration. <i>Human Mutation</i> , 2017 , 38, 827-838	4.7	21

211	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease: Meta-Analysis of Six Population-Based Cohorts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1222-1227	9.4	62
210	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017 , 135, 2336-2353	16.7	36
209	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017 , 7, 45040	4.9	70
208	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 97-105	18.1	225
207	Epigenome-Wide Association Study Identifies Methylation Sites Associated With Liver Enzymes and Hepatic Steatosis. <i>Gastroenterology</i> , 2017 , 153, 1096-1106.e2	13.3	38
206	and Loci Associate with Plasma Osmolality. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2311-2321	12.7	14
205	Gamma-glutamyltransferase levels, prediabetes and type 2 diabetes: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2017 , 46, 1400-1409	7.8	10
204	Relation of antioxidant capacity of diet and markers of oxidative status with C-reactive protein and adipocytokines: a prospective study. <i>Metabolism: Clinical and Experimental</i> , 2017 , 71, 171-181	12.7	11
203	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 981-994	12.7	30
202	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. <i>American Journal of Human Genetics</i> , 2017 , 100, 51-63	11	30
201	Serum Levels of Apolipoproteins and Incident Type 2 Diabetes: A Prospective Cohort Study. <i>Diabetes Care</i> , 2017 , 40, 346-351	14.6	31
200	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511
199	Associations of Steroid Sex Hormones and Sex Hormone-Binding Globulin With the Risk of Type 2 Diabetes in Women: A Population-Based Cohort Study and Meta-analysis. <i>Diabetes</i> , 2017 , 66, 577-586	0.9	61
198	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017 , 390, 2627-2642	40	2980
197	Genetic Association of Major Depression With Atypical Features and Obesity-Related Immunometabolic Dysregulations. <i>JAMA Psychiatry</i> , 2017 , 74, 1214-1225	14.5	109
196	The association between serum uric acid and the incidence of prediabetes and type 2 diabetes mellitus: The Rotterdam Study. <i>PLoS ONE</i> , 2017 , 12, e0179482	3.7	48
195	A genomic exploration identifies mechanisms that may explain adverse cardiovascular effects of COX-2 inhibitors. <i>Scientific Reports</i> , 2017 , 7, 10252	4.9	10
194	Age at natural menopause and risk of type 2 diabetes: a prospective cohort study. <i>Diabetologia</i> , 2017 , 60, 1951-1960	10.3	52

193	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017 , 101, 888-902	11	83
192	Serum dehydroepiandrosterone levels are associated with lower risk of type 2 diabetes: the Rotterdam Study. <i>Diabetologia</i> , 2017 , 60, 98-106	10.3	27
191	ADAMTS13 activity as a novel risk factor for incident type 2 diabetes mellitus: a population-based cohort study. <i>Diabetologia</i> , 2017 , 60, 280-286	10.3	11
190	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 191 million participants. <i>Lancet, The</i> , 2017 , 389, 37-55	40	1100
189	A Genome-Wide Scan for MicroRNA-Related Genetic Variants Associated With Primary Open-Angle Glaucoma 2017 , 58, 5368-5377		14
188	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , 2017 , 12, e0167742	3.7	21
187	Genomic correlates of glatiramer acetate adverse cardiovascular effects lead to a novel locus mediating coronary risk. <i>PLoS ONE</i> , 2017 , 12, e0182999	3.7	3
186	Identification of a novel proinsulin-associated SNP and demonstration that proinsulin is unlikely to be a causal factor in subclinical vascular remodelling using Mendelian randomisation. <i>Atherosclerosis</i> , 2017 , 266, 196-204	3.1	2
185	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. <i>Circulation Research</i> , 2016 , 118, 83-94	15.7	32
184	Kidney Function and Cerebral Blood Flow: The Rotterdam Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 715-21	12.7	35
183	Polygenic dissection of major depression clinical heterogeneity. <i>Molecular Psychiatry</i> , 2016 , 21, 516-22	15.1	121
182	Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 511-520		34
181	Workflow for Integrated Processing of Multicohort Untargeted H NMR Metabolomics Data in Large-Scale Metabolic Epidemiology. <i>Journal of Proteome Research</i> , 2016 , 15, 4188-4194	5.6	28
180	Thyroid function and the risk of dementia: The Rotterdam Study. <i>Neurology</i> , 2016 , 87, 1688-1695	6.5	61
179	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. <i>Diabetes</i> , 2016 , 65, 3794-3804	0.9	18
178	Mass spectrometry in epidemiological studies: What are the key considerations?. <i>European Journal of Epidemiology</i> , 2016 , 31, 715-6	12.1	3
177	Thyroid Function and Cancer Risk: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 5030-5036	5.6	60
176	The role of DNA methylation in dyslipidaemia: A systematic review. <i>Progress in Lipid Research</i> , 2016 , 64, 178-191	14.3	28

175	Genome-wide identification of microRNA-related variants associated with risk of Alzheimer's disease. <i>Scientific Reports</i> , 2016 , 6, 28387	4.9	32
174	The association of thyroid function and the risk of kidney function decline: a population-based cohort study. <i>European Journal of Endocrinology</i> , 2016 , 175, 653-660	6.5	22
173	The clinical value of metabolic syndrome and risks of cardiometabolic events and mortality in the elderly: the Rotterdam study. <i>Cardiovascular Diabetology</i> , 2016 , 15, 69	8.7	28
172	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , 2016 , 99, 40-55	11	61
171	LONG-term follow-up after LIVE kidney donation (LOVE) study: a longitudinal comparison study protocol. <i>BMC Nephrology</i> , 2016 , 17, 14	2.7	7
170	Thyroid Function and the Risk of Nonalcoholic Fatty Liver Disease: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3204-11	5.6	89
169	Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. <i>American Journal of Human Genetics</i> , 2016 , 99, 22-39	11	42
168	The role of epigenetic modifications in cardiovascular disease: A systematic review. <i>International Journal of Cardiology</i> , 2016 , 212, 174-83	3.2	109
167	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
166	Maternal plasma folate impacts differential DNA methylation in an epigenome-wide meta-analysis of newborns. <i>Nature Communications</i> , 2016 , 7, 10577	17.4	172
165	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023	17.4	295
164	Tobacco smoking is associated with DNA methylation of diabetes susceptibility genes. <i>Diabetologia</i> , 2016 , 59, 998-1006	10.3	33
163	The Influence of Serum Uric Acid on Bone Mineral Density, Hip Geometry, and Fracture Risk: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1113-22	5.6	35
162	Lifetime risk of developing impaired glucose metabolism and eventual progression from prediabetes to type 2 diabetes: a prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 44-51	18.1	128
161	Gait characteristics in older adults with diabetes and impaired fasting glucose: The Rotterdam Study. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 61-6	3.2	7
160	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , 2016 , 25, 358-70	5.6	54
159	Genome-wide association studies identify genetic loci for low von Willebrand factor levels. <i>European Journal of Human Genetics</i> , 2016 , 24, 1035-40	5.3	34
158	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. <i>PLoS Genetics</i> , 2016 , 12, e1006034	6	26

157	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. <i>PLoS Medicine</i> , 2016 , 13, e1001976	11.6	100
156	Obesity and Life Expectancy with and without Diabetes in Adults Aged 55 Years and Older in the Netherlands: A Prospective Cohort Study. <i>PLoS Medicine</i> , 2016 , 13, e1002086	11.6	19
155	The Role of DNA Methylation and Histone Modifications in Neurodegenerative Diseases: A Systematic Review. <i>PLoS ONE</i> , 2016 , 11, e0167201	3.7	66
154	Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. <i>PLoS ONE</i> , 2016 , 11, e0144997	3.7	53
153	Bivariate genome-wide association study identifies novel pleiotropic loci for lipids and inflammation. <i>BMC Genomics</i> , 2016 , 17, 443	4.5	40
152	Genetic Variants in MicroRNAs and Their Binding Sites Are Associated with the Risk of Parkinson Disease. <i>Human Mutation</i> , 2016 , 37, 292-300	4.7	39
151	Metabolic syndrome is related to polyneuropathy and impaired peripheral nerve function: a prospective population-based cohort study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 1336-1342	5.5	45
150	Meta-analysis of 49 549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in ANGPTL4 determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016 , 53, 441-9 ^{5.8}	5.8	27
149	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016 , 17, 255	18.3	171
148	Gait patterns associated with thyroid function: The Rotterdam Study. <i>Scientific Reports</i> , 2016 , 6, 38912	4.9	13
147	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016 , 98, 680-96	11	489
146	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016 , 387, 1513-1530	40	2039
145	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 192 million participants. <i>Lancet, The</i> , 2016 , 387, 1377-1396 ⁴⁰	40	2787
144	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 934-45	15.1	65
143	Thyroid Function and Sudden Cardiac Death: A Prospective Population-Based Cohort Study. <i>Circulation</i> , 2016 , 134, 713-22	16.7	55
142	Thyroid Function Within the Reference Range and the Risk of Stroke: An Individual Participant Data Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4270-4282	5.6	50
141	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
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132	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331,288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 624-37	18.1	109
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9	The Trans-Ancestral Genomic Architecture of Glycaemic Traits		1
8	Genetic study of circulating cytokines offers insight into the determinants, cascades and effects of systemic inflammation		1
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