Abbas Dehghan

List of Publications by Year
in descending order

301 papers	54,737 citations	2963 93 h-index	1489 219 g-index
327 all docs	327 docs citations	327 times ranked	66876 citing authors

#	Article	IF	Citations
1	Associations of carotid intima media thickness with gene expression in whole blood and genetically predicted gene expression across 48 tissues. Human Molecular Genetics, 2022, 31, 1171-1182.	1.4	4
2	Epicardial fat volume and the risk of cardiometabolic diseases among women and men from the general population. European Journal of Preventive Cardiology, 2022, 28, e14-e16.	0.8	3
3	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis. BMC Medicine, 2022, 20, 3.	2.3	41
4	A multi-omics study of circulating phospholipid markers of blood pressure. Scientific Reports, 2022, 12, 574.	1.6	10
5	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores. BMC Medicine, 2022, 20, 34.	2.3	14
6	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus. Nature Communications, 2022, 13, 1222.	5.8	5
7	Multiâ€phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. Journal of Thrombosis and Haemostasis, 2022, 20, 1331-1349.	1.9	12
8	Genetic and clinical determinants of abdominal aortic diameter: genome-wide association studies, exome array data and Mendelian randomization study. Human Molecular Genetics, 2022, 31, 3566-3579.	1.4	5
9	Finding Correspondence between Metabolomic Features in Untargeted Liquid Chromatographyâ€“Mass Spectrometry Metabolomics Datasets. Analytical Chemistry, 2022, 94, 5493-5503.	3.2	9
10	Understanding the complex genetic architecture connecting rheumatoid arthritis, osteoporosis and inflammation: discovering causal pathways. Human Molecular Genetics, 2022, , .	1.4	3
11	Genetic analysis of over half a million people characterises C-reactive protein loci. Nature Communications, 2022, 13, 2198.	5.8	48
12	Whole-exome sequencing of 14â€‰389 individuals from the ESP and CHARGE consortia identifies novel rare variation associated with hemostatic factors. Human Molecular Genetics, 2022, 31, 3120-3132.	1.4	3
13	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	9.4	250
14	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. Nature Communications, 2022, 13, 2408.	5.8	26
15	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. Communications Biology, 2022, 5, .	2.0	17
16	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. Human Molecular Genetics, 2021, 30, 393-409.	1.4	32
17	Urate, Blood Pressure, and Cardiovascular Disease. Hypertension, 2021, 77, 383-392.	1.3	75
18	Effect of metabolic genetic variants on long-term disease comorbidity in patients with type 2 diabetes. Scientific Reports, 2021, 11, 2794.	1.6	0

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19	Genetic susceptibility, elevated blood pressure, and risk of atrial fibrillation: a Mendelian randomization study. Genome Medicine, 2021, 13, 38.	3.6	14
20	Investigating the relationships between unfavourable habitual sleep and metabolomic traits: evidence from multi-cohort multivariable regression and Mendelian randomization analyses. BMC Medicine, 2021, 19, 69.	2.3	14
21	Epigenome-wide association meta-analysis of DNA methylation with coffee and tea consumption. Nature Communications, 2021, 12, 2830.	5.8	35
22	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. Nature Communications, 2021, 12, 2579.	5.8	51
23	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	9.4	341
24	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. Nature Communications, 2021, 12, 3987.	5.8	18
25	Genetic correlation and causal relationships between cardio-metabolic traits and lung function impairment. Genome Medicine, 2021, 13, 104.	3.6	11
26	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. European Journal of Epidemiology, 2021, 36, 1143-1155.	2.5	10
27	Genetically Higher Level of Mannose Has No Impact on Cardiometabolic Risk Factors: Insight from Mendelian Randomization. Nutrients, 2021, 13, 2563.	1.7	1
28	Genetic susceptibility, obesity and lifetime risk of type 2 diabetes: The ARIC study and Rotterdam Study. Diabetic Medicine, 2021, 38, e14639.	1.2	9
29	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	1.4	11
30	Intermittent fasting for the prevention of cardiovascular disease. The Cochrane Library, 2021, 2021, CD013496.	1.5	34
31	Effect of Religious Fasting in Ramadan on Blood Pressure: Results From LORANS (London Ramadan) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	23
32	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. BMC Medicine, 2021, 19, 266.	2.3	11
33	Blood pressure lowering and risk of new-onset type 2 diabetes: an individual participant data meta-analysis. Lancet, The, 2021, 398, 1803-1810.	6.3	64
34	The Association between Coffee and Caffeine Consumption and Renal Function: Insight from Individual-Level Data, Mendelian Randomization, and Meta-Analysis. Archives of Medical Science, 2021, , .	0.4	1
35	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	5.8	466
36	Impact of serum 25-hydroxyvitamin D 25(OH) on telomere attrition: A Mendelian Randomization study. Clinical Nutrition, 2020, 39, 2730-2733.	2.3	9

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37	Accelerated MRI-predicted brain ageing and its associations with cardiometabolic and brain disorders. Scientific Reports, 2020, 10, 19940.	1.6	31
38	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. BMJ Open Diabetes Research and Care, 2020, 8, e001529.	1.2	19
39	A Mendelian randomization of Î³â€² and total fibrinogen levels in relation to venous thromboembolism and ischemic stroke. Blood, 2020, 136, 3062-3069.	0.6	25
40	A population-based phenome-wide association study of cardiac and aortic structure and function. Nature Medicine, 2020, 26, 1654-1662.	15.2	98
41	Sleep, major depressive disorder, and Alzheimer disease. Neurology, 2020, 95, e1963-e1970.	1.5	45
42	Early exposure to social disadvantages and later lifeÂbody mass index beyond genetic predisposition in three generations of Finnish birth cohorts. BMC Public Health, 2020, 20, 708.	1.2	9
43	Trajectories of BMI Before Diagnosis of Type 2 Diabetes: The Rotterdam Study. Obesity, 2020, 28, 1149-1156.	1.5	15
44	Genetically determined blood pressure, antihypertensive drug classes, and risk of stroke subtypes. Neurology, 2020, 95, e353-e361.	1.5	60
45	What is new in the exposome?. Environment International, 2020, 143, 105887.	4.8	103
46	Estimated 24-Hour Urinary Sodium Excretion and Incident Cardiovascular Disease and Mortality Among 398 628 Individuals in UK Biobank. Hypertension, 2020, 76, 683-691.	1.3	21
47	Plasma lipids and risk of aortic valve stenosis: a Mendelian randomization study. European Heart Journal, 2020, 41, 3913-3920.	1.0	70
48	Could vitamin D reduce obesity-associated inflammation? Observational and Mendelian randomization study. American Journal of Clinical Nutrition, 2020, 111, 1036-1047.	2.2	28
49	Predictive Accuracy of a Polygenic Risk Scoreâ€“Enhanced Prediction Model vs a Clinical Risk Score for Coronary Artery Disease. JAMA - Journal of the American Medical Association, 2020, 323, 636.	3.8	290
50	Long-term prognosis after kidney donation: a propensity score matched comparison of living donors and non-donors from two population cohorts. European Journal of Epidemiology, 2020, 35, 699-707.	2.5	15
51	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. PLoS ONE, 2020, 15, e0230035.	1.1	5
52	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. Circulation, 2019, 140, 645-657.	1.6	151
53	GWAS for urinary sodium and potassium excretion highlights pathways shared with cardiovascular traits. Nature Communications, 2019, 10, 3653.	5.8	24
54	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. BMC Cardiovascular Disorders, 2019, 19, 240.	0.7	22

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55	Education protects against coronary heart disease and stroke independently of cognitive function: evidence from Mendelian randomization. International Journal of Epidemiology, 2019, 48, 1468-1477.	0.9	60
56	Associations of genetically determined iron status across the phenome: A mendelian randomization study. PLoS Medicine, 2019, 16, e1002833.	3.9	48
57	Use of Genetic Variants Related to Antihypertensive Drugs to Inform on Efficacy and Side Effects. Circulation, 2019, 140, 270-279.	1.6	99
58	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	9.4	549
59	Novel metabolic indices and incident type 2 diabetes among women and men: the Rotterdam Study. Diabetologia, 2019, 62, 1581-1590.	2.9	46
60	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. Nature Communications, 2019, 10, 2581.	5.8	62
61	Understanding the consequences of education inequality on cardiovascular disease: mendelian randomisation study. BMJ: British Medical Journal, 2019, 365, l1855.	2.4	172
62	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. PLoS ONE, 2019, 14, e0216222.	1.1	17
63	Epigenetics and Inflammatory Markers: A Systematic Review of the Current Evidence. International Journal of Inflammation, 2019, 2019, 1-14.	0.9	30
64	Serum metabolic signatures of coronary and carotid atherosclerosis and subsequent cardiovascular disease. European Heart Journal, 2019, 40, 2883-2896.	1.0	107
65	Dissecting the association of autophagy-related genes with cardiovascular diseases and intermediate vascular traits: A population-based approach. PLoS ONE, 2019, 14, e0214137.	1.1	12
66	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. American Journal of Epidemiology, 2019, 188, 991-1012.	1.6	81
67	A Peripheral Blood DNA Methylation Signature of Hepatic Fat Reveals a Potential Causal Pathway for Nonalcoholic Fatty Liver Disease. Diabetes, 2019, 68, 1073-1083.	0.3	41
68	Associations of Regional Brain Structural Differences With Aging, Modifiable Risk Factors for Dementia, and Cognitive Performance. JAMA Network Open, 2019, 2, e1917257.	2.8	42
69	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. American Journal of Human Genetics, 2019, 104, 112-138.	2.6	106
70	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. Circulation, 2019, 139, 620-635.	1.6	102
71	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. Journal of the American College of Cardiology, 2019, 73, 58-66.	1.2	147
72	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. Blood, 2019, 133, 967-977.	0.6	34

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73	Linking Metabolic Phenotyping and Genomic Information. , 2019, , 561-569.		2
74	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor Î±. JAMA Cardiology, 2018, 3, 463.	3.0	33
75	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	9.4	356
76	A systematic analysis highlights multiple long non-coding RNAs associated with cardiometabolic disorders. Journal of Human Genetics, 2018, 63, 431-446.	1.1	17
77	Genetic Predisposition to High Blood Pressure and Lifestyle Factors. Circulation, 2018, 137, 653-661.	1.6	169
78	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. International Journal of Epidemiology, 2018, 47, 872-883i.	0.9	65
79	Kidney function, gait pattern and fall in the general population: a cohort study. Nephrology Dialysis Transplantation, 2018, 33, 2165-2172.	0.4	12
80	Age-dependent association of thyroid function with brain morphology and microstructural organization: evidence from brain imaging. Neurobiology of Aging, 2018, 61, 44-51.	1.5	15
81	Blood Metabolomic Measures Associate With Present and Future Glycemic Control in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4569-4579.	1.8	25
82	An Enrichment Analysis for Cardiometabolic Traits Suggests Non-Random Assignment of Genes to microRNAs. International Journal of Molecular Sciences, 2018, 19, 3666.	1.8	4
83	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	5.8	119
84	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. Nature Genetics, 2018, 50, 1505-1513.	9.4	1,331
85	Genetically Determined FXI (Factor XI) Levels and Risk of Stroke. Stroke, 2018, 49, 2761-2763.	1.0	45
86	Iron Status and Risk of Stroke. Stroke, 2018, 49, 2815-2821.	1.0	74
87	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. Nature Communications, 2018, 9, 4228.	5.8	43
88	Genetic correlations among psychiatric and immuneâ€related phenotypes based on genomeâ€wide association data. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 641-657.	1.1	158
89	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	5.8	484
90	An Epigenome-Wide Association Study of Obesity-Related Traits. American Journal of Epidemiology, 2018, 187, 1662-1669.	1.6	59

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91	DNA methylation age is associated with an altered hemostatic profile in a multiethnic meta-analysis. Blood, 2018, 132, 1842-1850.	0.6	16
92	Reversal of Agingâ€Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Proteinâ€Protein Interfaces. Journal of the American Heart Association, 2018, 7, .	1.6	17
93	Genome-Wide Association Studies. Methods in Molecular Biology, 2018, 1793, 37-49.	0.4	64
94	Serum magnesium and the risk of prediabetes: a population-based cohort study. Diabetologia, 2017, 60, 843-853.	2.9	68
95	Genetic invalidation of Lp-PLA2 as a therapeutic target: Large-scale study of five functional Lp-PLA2-lowering alleles. European Journal of Preventive Cardiology, 2017, 24, 492-504.	0.8	22
96	Epigenome-wide association study (EWAS) on lipids: the Rotterdam Study. Clinical Epigenetics, 2017, 9, 15.	1.8	104
97	Novel inflammatory markers for incident pre-diabetes and type 2 diabetes: the Rotterdam Study. European Journal of Epidemiology, 2017, 32, 217-226.	2.5	48
98	Genetic variants in microRNAs and their binding sites within gene 3â€²UTRs associate with susceptibility to age-related macular degeneration. Human Mutation, 2017, 38, 827-838.	1.1	30
99	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1222-1227.	1.1	81
100	Loss of Cardioprotective Effects at the ADAMTS7 Locus as a Result of Gene-Smoking Interactions. Circulation, 2017, 135, 2336-2353.	1.6	51
101	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. Scientific Reports, 2017, 7, 45040.	1.6	98
102	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2017, 5, 97-105.	5.5	298
103	Epigenome-Wide Association Study Identifies Methylation Sites Associated With Liver Enzymes and Hepatic Steatosis. Gastroenterology, 2017, 153, 1096-1106.e2.	0.6	52
104	NFAT5 and SLC4A10 Loci Associate with Plasma Osmolality. Journal of the American Society of Nephrology: JASN, 2017, 28, 2311-2321.	3.0	24
105	Gamma-glutamyltransferase levels, prediabetes and type 2 diabetes: a Mendelian randomization study. International Journal of Epidemiology, 2017, 46, 1400-1409.	0.9	21
106	Relation of antioxidant capacity of diet and markers of oxidative status with C-reactive protein and adipocytokines: a prospective study. Metabolism: Clinical and Experimental, 2017, 71, 171-181.	1.5	16
107	SOS2 and ACP1 Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. Journal of the American Society of Nephrology: JASN, 2017, 28, 981-994.	3.0	39
108	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. American Journal of Human Genetics, 2017, 100, 51-63.	2.6	45

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109	Serum Levels of Apolipoproteins and Incident Type 2 Diabetes: A Prospective Cohort Study. Diabetes Care, 2017, 40, 346-351.	4.3	40
110	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. Nature, 2017, 541, 81-86.	13.7	743
111	Associations of Steroid Sex Hormones and Sex Hormoneâ€“Binding Globulin With the Risk of Type 2 Diabetes in Women: A Population-Based Cohort Study and Meta-analysis. Diabetes, 2017, 66, 577-586.	0.3	103
112	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128Â·9 million children, adolescents, and adults. Lancet, The, 2017, 390, 2627-2642.	6.3	5,010
113	Genetic Association of Major Depression With Atypical Features and Obesity-Related Immunometabolic Dysregulations. JAMA Psychiatry, 2017, 74, 1214.	6.0	174
114	A genomic exploration identifies mechanisms that may explain adverse cardiovascular effects of COX-2 inhibitors. Scientific Reports, 2017, 7, 10252.	1.6	16
115	Age at natural menopause and risk of type 2 diabetes: a prospective cohort study. Diabetologia, 2017, 60, 1951-1960.	2.9	80
116	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. American Journal of Human Genetics, 2017, 101, 888-902.	2.6	154
117	Serum dehydroepiandrosterone levels are associated with lower risk of type 2 diabetes: the Rotterdam Study. Diabetologia, 2017, 60, 98-106.	2.9	41
118	ADAMTS13 activity as a novel risk factor for incident type 2 diabetes mellitus: a population-based cohort study. Diabetologia, 2017, 60, 280-286.	2.9	23
119	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19Â·1 million participants. Lancet, The, 2017, 389, 37-55.	6.3	1,667
120	A Genome-Wide Scan for MicroRNA-Related Genetic Variants Associated With Primary Open-Angle Glaucoma. , 2017, 58, 5368.		25
121	The association between serum uric acid and the incidence of prediabetes and type 2 diabetes mellitus: The Rotterdam Study. PLoS ONE, 2017, 12, e0179482.	1.1	67
122	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. Atherosclerosis, 2017, 266, 196-204.	0.4	3
123	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. PLoS ONE, 2017, 12, e0167742.	1.1	29
124	Genomic correlates of glatiramer acetate adverse cardiovascular effects lead to a novel locus mediating coronary risk. PLoS ONE, 2017, 12, e0182999.	1.1	5
125	The Role of DNA Methylation and Histone Modifications in Neurodegenerative Diseases: A Systematic Review. PLoS ONE, 2016, 11, e0167201.	1.1	90
126	Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. PLoS ONE, 2016, 11, e0144997.	1.1	69

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127	Bivariate genome-wide association study identifies novel pleiotropic loci for lipids and inflammation. BMC Genomics, 2016, 17, 443.	1.2	67
128	Genetic Variants in MicroRNAs and Their Binding Sites Are Associated with the Risk of Parkinson Disease. Human Mutation, 2016, 37, 292-300.	1.1	52
129	Metabolic syndrome is related to polyneuropathy and impaired peripheral nerve function: a prospective population-based cohort study. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1336-1342.	0.9	62
130	Meta-analysis of 49â€…549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant inANGPTL4determining fasting TG levels. Journal of Medical Genetics, 2016, 53, 441-449.	1.5	34
131	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. Genome Biology, 2016, 17, 255.	3.8	251
132	Gait patterns associated with thyroid function: The Rotterdam Study. Scientific Reports, 2016, 6, 38912.	1.6	19
133	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	2.6	717
134	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4Â·4 million participants. Lancet, The, 2016, 387, 1513-1530.	6.3	2,842
135	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19Â·2 million participants. Lancet, The, 2016, 387, 1377-1396.	6.3	3,941
136	Cystatin C and Cardiovascular Disease. Journal of the American College of Cardiology, 2016, 68, 934-945.	1.2	109
137	Thyroid Function and Sudden Cardiac Death. Circulation, 2016, 134, 713-722.	1.6	89
138	Thyroid Function Within the Reference Range and the Risk of Stroke: An Individual Participant Data Analysis. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4270-4282.	1.8	67
139	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. Nature Genetics, 2016, 48, 1303-1312.	9.4	66
140	Thyroid function and risk of type 2 diabetes: a population-based prospective cohort study. BMC Medicine, 2016, 14, 150.	2.3	123
141	Lower microstructural integrity of brain white matter is related to higher mortality. Neurology, 2016, 87, 927-934.	1.5	18
142	Thyroid Function Characteristics and Determinants: The Rotterdam Study. Thyroid, 2016, 26, 1195-1204.	2.4	78
143	von Willebrand Factor, ADAMTS13 Activity, and Decline in Kidney Function: A Population-Based Cohort Study. American Journal of Kidney Diseases, 2016, 68, 726-732.	2.1	12
144	Whole-Exome Sequencing Identifies Loci Associated with Blood Cell Traits and Reveals a Role for Alternative GFI1B Splice Variants in Human Hematopoiesis. American Journal of Human Genetics, 2016, 99, 481-488.	2.6	45

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145	Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. Circulation: Cardiovascular Genetics, 2016, 9, 511-520.	5.1	54
146	Workflow for Integrated Processing of Multicohort Untargeted ¹H NMR Metabolomics Data in Large-Scale Metabolic Epidemiology. Journal of Proteome Research, 2016, 15, 4188-4194.	1.8	37
147	Thyroid function and the risk of dementia. Neurology, 2016, 87, 1688-1695.	1.5	86
148	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. Diabetes, 2016, 65, 3794-3804.	0.3	22
149	Mass spectrometry in epidemiological studies: What are the key considerations?. European Journal of Epidemiology, 2016, 31, 715-716.	2.5	3
150	Thyroid Function and Cancer Risk: The Rotterdam Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 5030-5036.	1.8	96
151	The role of DNA methylation in dyslipidaemia: A systematic review. Progress in Lipid Research, 2016, 64, 178-191.	5.3	34
152	Genome-wide identification of microRNA-related variants associated with risk of Alzheimerâ€™s disease. Scientific Reports, 2016, 6, 28387.	1.6	43
153	The association of thyroid function and the risk of kidney function decline: a population-based cohort study. European Journal of Endocrinology, 2016, 175, 653-660.	1.9	28
154	The clinical value of metabolic syndrome and risks of cardiometabolic events and mortality in the elderly: the Rotterdam study. Cardiovascular Diabetology, 2016, 15, 69.	2.7	37
155	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. American Journal of Human Genetics, 2016, 99, 40-55.	2.6	82
156	LOng-term follow-up after liVE kidney donation (LOVE) study: a longitudinal comparison study protocol. BMC Nephrology, 2016, 17, 14.	0.8	8
157	Thyroid Function and the Risk of Nonalcoholic Fatty Liver Disease: The Rotterdam Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3204-3211.	1.8	138
158	Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. American Journal of Human Genetics, 2016, 99, 22-39.	2.6	50
159	The role of epigenetic modifications in cardiovascular disease: A systematic review. International Journal of Cardiology, 2016, 212, 174-183.	0.8	143
160	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	5.8	245
161	Maternal plasma folate impacts differential DNA methylation in an epigenome-wide meta-analysis of newborns. Nature Communications, 2016, 7, 10577.	5.8	219
162	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	5.8	412

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163	Tobacco smoking is associated with DNA methylation of diabetes susceptibility genes. Diabetologia, 2016, 59, 998-1006.	2.9	43
164	The Influence of Serum Uric Acid on Bone Mineral Density, Hip Geometry, and Fracture Risk: The Rotterdam Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1113-1122.	1.8	41
165	Lifetime risk of developing impaired glucose metabolism and eventual progression from prediabetes to type 2 diabetes: a prospective cohort study. Lancet Diabetes and Endocrinology,the, 2016, 4, 44-51.	5.5	192
166	Gait characteristics in older adults with diabetes and impaired fasting glucose: The Rotterdam Study. Journal of Diabetes and Its Complications, 2016, 30, 61-66.	1.2	14
167	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. Human Molecular Genetics, 2016, 25, 358-370.	1.4	73
168	Genome-wide association studies identify genetic loci for low von Willebrand factor levels. European Journal of Human Genetics, 2016, 24, 1035-1040.	1.4	45
169	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. Circulation Research, 2016, 118, 83-94.	2.0	52
170	Kidney Function and Cerebral Blood Flow: The Rotterdam Study. Journal of the American Society of Nephrology: JASN, 2016, 27, 715-721.	3.0	50
171	Polygenic dissection of major depression clinical heterogeneity. Molecular Psychiatry, 2016, 21, 516-522.	4.1	154
172	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. PLoS Genetics, 2016, 12, e1006034.	1.5	34
173	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. PLoS Medicine, 2016, 13, e1001976.	3.9	150
174	Obesity and Life Expectancy with and without Diabetes in Adults Aged 55 Years and Older in the Netherlands: A Prospective Cohort Study. PLoS Medicine, 2016, 13, e1002086.	3.9	30
175	Incremental predictive value of 152 single nucleotide polymorphisms in the 10-year risk prediction of incident coronary heart disease: the Rotterdam Study. International Journal of Epidemiology, 2015, 44, 682-688.	0.9	44
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