

Annette Peters

List of Publications by Year in descending order

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Version: 2024-02-01

977
papers

104,713
citations

399

133
h-index

365

282
g-index

1060
all docs

1060
docs citations

1060
times ranked

98061
citing authors

#	ARTICLE	IF	CITATIONS
1	Particulate Matter Air Pollution and Cardiovascular Disease. <i>Circulation</i> , 2010, 121, 2331-2378.	1.6	5,007
2	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
3	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.	13.7	2,842
4	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
5	A comprehensive 1000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.	21.4	2,054
6	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
7	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012, 44, 981-990.	21.4	1,748
8	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011, 43, 333-338.	21.4	1,685
9	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants. <i>Lancet, The</i> , 2017, 389, 37-55.	13.7	1,667
10	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.	21.4	1,439
11	Long-term air pollution exposure and cardio-respiratory mortality: a review. <i>Environmental Health</i> , 2013, 12, 43.	4.0	1,346
12	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.	21.4	1,331
13	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
14	Increased Particulate Air Pollution and the Triggering of Myocardial Infarction. <i>Circulation</i> , 2001, 103, 2810-2815.	1.6	1,251
15	Respiratory effects are associated with the number of ultrafine particles.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997, 155, 1376-1383.	5.6	1,094
16	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. <i>Lancet, The</i> , 2014, 383, 785-795.	13.7	1,077
17	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	21.4	959
18	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	27.8	952

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19	Loss-of-Function Mutations in <i>APOC3</i> , Triglycerides, and Coronary Disease. <i>New England Journal of Medicine</i> , 2014, 371, 22-31.	27.0	936
20	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
21	Identification of Serum Metabolites Associated With Risk of Type 2 Diabetes Using a Targeted Metabolomic Approach. <i>Diabetes</i> , 2013, 62, 639-648.	0.6	820
22	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013, 45, 422-427.	21.4	808
23	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016, 8, 1844-1865.	3.1	786
24	Exposure to Traffic and the Onset of Myocardial Infarction. <i>New England Journal of Medicine</i> , 2004, 351, 1721-1730.	27.0	784
25	A Mutation in <i>VPS35</i> , Encoding a Subunit of the Retromer Complex, Causes Late-Onset Parkinson Disease. <i>American Journal of Human Genetics</i> , 2011, 89, 168-175.	6.2	757
26	Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	21.4	746
27	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017, 541, 81-86.	27.8	743
28	Tobacco Smoking Leads to Extensive Genome-Wide Changes in DNA Methylation. <i>PLoS ONE</i> , 2013, 8, e63812.	2.5	694
29	DNA methylation and body-mass index: a genome-wide analysis. <i>Lancet, The</i> , 2014, 383, 1990-1998.	13.7	686
30	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 436-447.	5.1	678
31	Expert position paper on air pollution and cardiovascular disease. <i>European Heart Journal</i> , 2015, 36, 83-93.	2.2	646
32	Increased plasma viscosity during an air pollution episode: a link to mortality?. <i>Lancet, The</i> , 1997, 349, 1582-1587.	13.7	631
33	Association of Cardiometabolic Multimorbidity With Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 52.	7.4	624
34	Novel biomarkers for pre-diabetes identified by metabolomics. <i>Molecular Systems Biology</i> , 2012, 8, 615.	7.2	605
35	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
36	Air Pollution and Incidence of Cardiac Arrhythmia. <i>Epidemiology</i> , 2000, 11, 11-17.	2.7	570

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37	Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , 2015, 36, 539-550.	2.2	567
38	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015, 6, 8570.	12.8	533
39	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2015, 47, 1449-1456.	21.4	529
40	Health effects of particulate air pollution: A review of epidemiological evidence. <i>Inhalation Toxicology</i> , 2011, 23, 555-592.	1.6	524
41	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017, 49, 403-415.	21.4	492
42	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.	2.2	491
43	Long term exposure to ambient air pollution and incidence of acute coronary events: prospective cohort study and meta-analysis in 11 European cohorts from the ESCAPE Project. <i>BMJ</i> , The, 2014, 348, f7412-f7412.	6.0	481
44	Official statistics and claims data records indicate non-response and recall bias within survey-based estimates of health care utilization in the older population. <i>BMC Health Services Research</i> , 2013, 13, 1.	2.2	472
45	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	21.4	470
46	Connecting genetic risk to disease end points through the human blood plasma proteome. <i>Nature Communications</i> , 2017, 8, 14357.	12.8	460
47	Translocation and potential neurological effects of fine and ultrafine particles a critical update. <i>Particle and Fibre Toxicology</i> , 2006, 3, 13.	6.2	454
48	New susceptibility locus for coronary artery disease on chromosome 3q22.3. <i>Nature Genetics</i> , 2009, 41, 280-282.	21.4	440
49	The prevalence of metabolic syndrome and metabolically healthy obesity in Europe: a collaborative analysis of ten large cohort studies. <i>BMC Endocrine Disorders</i> , 2014, 14, 9.	2.2	440
50	Coding Variation in <i>ANGPTL4</i> , <i>LPL</i> and <i>SVEP1</i> and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016, 374, 1134-1144.	27.0	427
51	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017, 49, 834-841.	21.4	426
52	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012, 490, 267-272.	27.8	383
53	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	3.5	371
54	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425.	21.4	365

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55	A Deep Learning Algorithm for Prediction of Age-Related Eye Disease Study Severity Scale for Age-Related Macular Degeneration from Color Fundus Photography. <i>Ophthalmology</i> , 2018, 125, 1410-1420.	5.2	365
56	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
57	Particulate Air Pollution and Risk of ST-Segment Depression During Repeated Submaximal Exercise Tests Among Subjects With Coronary Heart Disease. <i>Circulation</i> , 2002, 106, 933-938.	1.6	361
58	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018, 50, 559-571.	21.4	356
59	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
60	Differences between Human Plasma and Serum Metabolite Profiles. <i>PLoS ONE</i> , 2011, 6, e21230.	2.5	350
61	Impact of smoking and smoking cessation on cardiovascular events and mortality among older adults: meta-analysis of individual participant data from prospective cohort studies of the CHANCES consortium. <i>BMJ</i> , The, 2015, 350, h1551-h1551.	6.0	349
62	A joint ERS/ATS policy statement: what constitutes an adverse health effect of air pollution? An analytical framework. <i>European Respiratory Journal</i> , 2017, 49, 1600419.	6.7	348
63	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	8.4	341
64	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
65	Air Pollution and Markers of Inflammation and Coagulation in Patients with Coronary Heart Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 432-441.	5.6	340
66	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
67	Discovery of Sexual Dimorphisms in Metabolic and Genetic Biomarkers. <i>PLoS Genetics</i> , 2011, 7, e1002215.	3.5	328
68	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.	6.2	326
69	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. <i>Circulation</i> , 2010, 121, 1382-1392.	1.6	311
70	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015, 47, 589-597.	21.4	310
71	Epidemiological Evidence on Health Effects of Ultrafine Particles. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2002, 15, 189-201.	1.2	307
72	Short-Term Heart Rate Variability's Influence of Gender and Age in Healthy Subjects. <i>PLoS ONE</i> , 2015, 10, e0118308.	2.5	307

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73	Shared Genetic Susceptibility to Ischemic Stroke and Coronary Artery Disease. <i>Stroke</i> , 2014, 45, 24-36.	2.0	302
74	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015, 47, 1282-1293.	21.4	294
75	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.	21.4	286
76	Long-Term Exposure to Ambient Air Pollution and Incidence of Cerebrovascular Events: Results from 11 European Cohorts within the ESCAPE Project. <i>Environmental Health Perspectives</i> , 2014, 122, 919-925.	6.0	285
77	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631.	21.4	282
78	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014, 46, 826-836.	21.4	281
79	A DNA methylation biomarker of alcohol consumption. <i>Molecular Psychiatry</i> , 2018, 23, 422-433.	7.9	280
80	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952.	21.4	279
81	Cardiovascular Effects of Fine and Ultrafine Particles. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2005, 18, 1-22.	1.2	275
82	Variation of NO ₂ and NO _x concentrations between and within 36 European study areas: Results from the ESCAPE study. <i>Atmospheric Environment</i> , 2012, 62, 374-390.	4.1	274
83	Long-term Exposure to Air Pollution and Cardiovascular Mortality. <i>Epidemiology</i> , 2014, 25, 368-378.	2.7	272
84	Human serum metabolic profiles are age dependent. <i>Aging Cell</i> , 2012, 11, 960-967.	6.7	271
85	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	21.4	261
86	Air Pollution and Inflammation (Interleukin-6, C-Reactive Protein, Fibrinogen) in Myocardial Infarction Survivors. <i>Environmental Health Perspectives</i> , 2007, 115, 1072-1080.	6.0	252
87	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016, 17, 255.	8.8	251
88	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
89	Ambient Air Pollution Is Associated With Increased Risk of Hospital Cardiac Readmissions of Myocardial Infarction Survivors in Five European Cities. <i>Circulation</i> , 2005, 112, 3073-3079.	1.6	250
90	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	21.4	250

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91	Association of Early Repolarization Pattern on ECG with Risk of Cardiac and All-Cause Mortality: A Population-Based Prospective Cohort Study (MONICA/KORA). <i>PLoS Medicine</i> , 2010, 7, e1000314.	8.4	246
92	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	12.8	245
93	Large-scale genomic studies reveal central role of ABO in sP-selectin and sICAM-1 levels. <i>Human Molecular Genetics</i> , 2010, 19, 1863-1872.	2.9	233
94	Epidemiological evidence of the effects of ultrafine particle exposure. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 2751-2769.	3.4	232
95	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019, 380, 2529-2540.	27.0	230
96	Increases in Heart Rate during an Air Pollution Episode. <i>American Journal of Epidemiology</i> , 1999, 150, 1094-1098.	3.4	225
97	DNA methylation signatures in peripheral blood strongly predict all-cause mortality. <i>Nature Communications</i> , 2017, 8, 14617.	12.8	221
98	Genetically Determined Height and Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2015, 372, 1608-1618.	27.0	220
99	Gender-specific pathway differences in the human serum metabolome. <i>Metabolomics</i> , 2015, 11, 1815-1833.	3.0	218
100	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. <i>Lancet Neurology</i> , The, 2016, 15, 174-184.	10.2	217
101	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.	2.8	214
102	Prenatal and early life influences on epigenetic age in children: a study of mother-offspring pairs from two cohort studies. <i>Human Molecular Genetics</i> , 2016, 25, 191-201.	2.9	205
103	Daily mortality and particulate matter in different size classes in Erfurt, Germany. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007, 17, 458-467.	3.9	204
104	Patterns of Multimorbidity in the Aged Population. Results from the KORA-Age Study. <i>PLoS ONE</i> , 2012, 7, e30556.	2.5	202
105	Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. <i>European Heart Journal</i> , 2016, 37, 2428-2437.	2.2	200
106	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014, 5, 4926.	12.8	192
107	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</i> , The, 2017, 16, 898-907.	10.2	191
108	DataSHIELD: taking the analysis to the data, not the data to the analysis. <i>International Journal of Epidemiology</i> , 2014, 43, 1929-1944.	1.9	188

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109	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019, 10, 3346.	12.8	188
110	Genetic Determinants of Circulating Sphingolipid Concentrations in European Populations. <i>PLoS Genetics</i> , 2009, 5, e1000672.	3.5	184
111	Integrating Genetic, Transcriptional, and Functional Analyses to Identify 5 Novel Genes for Atrial Fibrillation. <i>Circulation</i> , 2014, 130, 1225-1235.	1.6	183
112	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	27.8	183
113	Air Temperature and the Occurrence of Myocardial Infarction in Augsburg, Germany. <i>Circulation</i> , 2009, 120, 735-742.	1.6	182
114	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	8.4	178
115	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. <i>Lancet, The</i> , 2019, 394, 2173-2183.	13.7	177
116	Hallmarks of environmental insults. <i>Cell</i> , 2021, 184, 1455-1468.	28.9	177
117	Characterization of whole-genome autosomal differences of DNA methylation between men and women. <i>Epigenetics and Chromatin</i> , 2015, 8, 43.	3.9	176
118	Ultrafine particles and platelet activation in patients with coronary heart disease--results from a prospective panel study. <i>Particle and Fibre Toxicology</i> , 2007, 4, 1.	6.2	174
119	Accumulating nanoparticles by EPR: A route of no return. <i>Journal of Controlled Release</i> , 2016, 238, 58-70.	9.9	172
120	Effects of ultrafine and fine particulate and gaseous air pollution on cardiac autonomic control in subjects with coronary artery disease: The ULTRA study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2006, 16, 332-341.	3.9	170
121	Epigenetics meets metabolomics: an epigenome-wide association study with blood serum metabolic traits. <i>Human Molecular Genetics</i> , 2014, 23, 534-545.	2.9	169
122	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
123	Development of Land Use Regression Models for Particle Composition in Twenty Study Areas in Europe. <i>Environmental Science & Technology</i> , 2013, 47, 5778-5786.	10.0	167
124	Effects of particulate air pollution on blood pressure and heart rate in subjects with cardiovascular disease: a multicenter approach.. <i>Environmental Health Perspectives</i> , 2004, 112, 369-377.	6.0	164
125	Association between domains of physical activity and all-cause, cardiovascular and cancer mortality. <i>European Journal of Epidemiology</i> , 2011, 26, 91-99.	5.7	164
126	Arrhythmic Gut Microbiome Signatures Predict Risk of Type 2 Diabetes. <i>Cell Host and Microbe</i> , 2020, 28, 258-272.e6.	11.0	160

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127	Natriuretic peptides and integrated risk assessment for cardiovascular disease: an individual-participant-data meta-analysis. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 840-849.	11.4	159
128	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
129	The COVID-19 pandemic and global environmental change: Emerging research needs. <i>Environment International</i> , 2021, 146, 106272.	10.0	157
130	A Case-Crossover Analysis of Out-of-Hospital Coronary Deaths and Air Pollution in Rome, Italy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1549-1555.	5.6	155
131	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	12.8	153
132	DNA Methylation of Lipid-Related Genes Affects Blood Lipid Levels. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 334-342.	5.1	151
133	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019, 140, 645-657.	1.6	151
134	A Large Candidate Gene Survey Identifies the <i>KCNE1</i> D85N Polymorphism as a Possible Modulator of Drug-Induced Torsades de Pointes. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 91-99.	5.1	150
135	Genome-Wide Analysis of DNA Methylation and Fine Particulate Matter Air Pollution in Three Study Populations: KORA F3, KORA F4, and the Normative Aging Study. <i>Environmental Health Perspectives</i> , 2016, 124, 983-990.	6.0	150
136	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	12.8	147
137	Association of the <i>PHACTR1/EDN1</i> Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019, 73, 58-66.	2.8	147
138	Development of West-European PM 2.5 and NO ₂ land use regression models incorporating satellite-derived and chemical transport modelling data. <i>Environmental Research</i> , 2016, 151, 1-10.	7.5	145
139	Two-way effect modifications of air pollution and air temperature on total natural and cardiovascular mortality in eight European urban areas. <i>Environment International</i> , 2018, 116, 186-196.	10.0	145
140	Genetic variation at chromosome 1p13.3 affects sortilin mRNA expression, cellular LDL-uptake and serum LDL levels which translates to the risk of coronary artery disease. <i>Atherosclerosis</i> , 2010, 208, 183-189.	0.8	141
141	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, 624-637.	11.4	139
142	Characterization of missing values in untargeted MS-based metabolomics data and evaluation of missing data handling strategies. <i>Metabolomics</i> , 2018, 14, 128.	3.0	138
143	Can We Identify Sources of Fine Particles Responsible for Exercise-Induced Ischemia on Days with Elevated Air Pollution? The ULTRA Study. <i>Environmental Health Perspectives</i> , 2006, 114, 655-660.	6.0	137
144	Lifelong Reduction of LDL-Cholesterol Related to a Common Variant in the LDL-Receptor Gene Decreases the Risk of Coronary Artery Disease – A Mendelian Randomisation Study. <i>PLoS ONE</i> , 2008, 3, e2986.	2.5	137

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145	Independent Susceptibility Markers for Atrial Fibrillation on Chromosome 4q25. <i>Circulation</i> , 2010, 122, 976-984.	1.6	137
146	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019, 11, 2045-2070.	3.1	137
147	Genome-wide association analysis identifies multiple loci related to resting heart rate. <i>Human Molecular Genetics</i> , 2010, 19, 3885-3894.	2.9	133
148	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	12.8	133
149	A Genome-Wide Association Study Identifies <i>LIPA</i> as a Susceptibility Gene for Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 403-412.	5.1	130
150	Natural-Cause Mortality and Long-Term Exposure to Particle Components: An Analysis of 19 European Cohorts within the Multi-Center ESCAPE Project. <i>Environmental Health Perspectives</i> , 2015, 123, 525-533.	6.0	130
151	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project. <i>Lancet Planetary Health</i> , 2022, 6, e9-e18.	11.4	130
152	Associations of traffic related air pollutants with hospitalisation for first acute myocardial infarction: the HEAPSS study. <i>Occupational and Environmental Medicine</i> , 2006, 63, 844-851.	2.8	128
153	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. <i>Circulation</i> , 2013, 128, 1310-1324.	1.6	128
154	Long-term exposure to ambient air pollution and traffic noise and incident hypertension in seven cohorts of the European study of cohorts for air pollution effects (ESCAPE). <i>European Heart Journal</i> , 2017, 38, ehw413.	2.2	128
155	Novel Genetic Markers Associate With Atrial Fibrillation Risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1200-1210.	2.8	127
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