

# Matthew N. Cooper

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7726385/matthew-n-cooper-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91 papers	17,107 citations	43 h-index	94 g-index
94 ext. papers	19,721 ext. citations	11 avg, IF	4.62 L-index

#	Paper	IF	Citations
91	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , <b>2010</b> , 42, 937-48	36.3	2267
90	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , <b>2010</b> , 42, 105-16	36.3	1673
89	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , <b>2011</b> , 478, 103-9	50.4	1564
88	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , <b>2010</b> , 467, 832-8	50.4	1514
87	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , <b>2014</b> , 46, 1173-86	36.3	1339
86	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , <b>2012</b> , 44, 491-501	36.3	866
85	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , <b>2010</b> , 42, 949-60	36.3	724
84	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001383	11.6	592
83	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , <b>2013</b> , 45, 145-54	36.3	505
82	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , <b>2013</b> , 45, 501-12	36.3	437
81	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , <b>2010</b> , 42, 36-44	36.3	430
80	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002607	6	326
79	Genome-wide meta-analyses of multi-ancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , <b>2013</b> , 45, 314-8	36.3	314
78	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , <b>2016</b> , 7, 10023	17.4	295
77	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , <b>2012</b> , 44, 526-31	36.3	292
76	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. <i>Diabetes</i> , <b>2011</b> , 60, 2624-34	0.9	285
75	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003500	6	277

74	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , <b>2014</b> , 2, 719-29	18.1	250
73	Glycaemic control of Type 1 diabetes in clinical practice early in the 21st century: an international comparison. <i>Diabetic Medicine</i> , <b>2015</b> , 32, 1036-50	3.5	202
72	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
71	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002584	6	143
70	A genome-wide association search for type 2 diabetes genes in African Americans. <i>PLoS ONE</i> , <b>2012</b> , 7, e29202	3.7	138
69	Long-term outcome of insulin pump therapy in children with type 1 diabetes assessed in a large population-based case-control study. <i>Diabetologia</i> , <b>2013</b> , 56, 2392-400	10.3	125
68	Sex differences in the association of regional fat distribution with the severity of obstructive sleep apnea. <i>Sleep</i> , <b>2010</b> , 33, 467-74	1.1	123
67	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6961-72	5.6	120
66	Psychosis susceptibility gene ZNF804A and cognitive performance in schizophrenia. <i>Archives of General Psychiatry</i> , <b>2010</b> , 67, 692-700		120
65	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-462	50.4	119
64	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002805	6	116
63	High prevalence of undiagnosed obstructive sleep apnoea in the general population and methods for screening for representative controls. <i>Sleep and Breathing</i> , <b>2013</b> , 17, 967-73	3.1	86
62	Hypoglycaemia, fear of hypoglycaemia and quality of life in children with Type 1 diabetes and their parents. <i>Diabetic Medicine</i> , <b>2013</b> , 30, 1126-31	3.5	83
61	Excessive daytime sleepiness increases the risk of motor vehicle crash in obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2013</b> , 9, 1013-21	3.1	75
60	Detailed metabolic and genetic characterization reveals new associations for 30 known lipid loci. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 1444-55	5.6	74
59	Gene × Dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4728-38	5.6	68
58	Soluble glycoprotein VI is raised in the plasma of patients with acute ischemic stroke. <i>Stroke</i> , <b>2011</b> , 42, 498-500	6.7	66
57	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	65

56	A population-based study of risk factors for severe hypoglycaemia in a contemporary cohort of childhood-onset type 1 diabetes. <i>Diabetologia</i> , <b>2013</b> , 56, 2164-70	10.3	63
55	Meta-analysis investigating associations between healthy diet and fasting glucose and insulin levels and modification by loci associated with glucose homeostasis in data from 15 cohorts. <i>American Journal of Epidemiology</i> , <b>2013</b> , 177, 103-15	3.8	63
54	Reducing rates of severe hypoglycemia in a population-based cohort of children and adolescents with type 1 diabetes over the decade 2000-2009. <i>Diabetes Care</i> , <b>2011</b> , 34, 2379-80	14.6	60
53	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 5329-43	5.6	54
52	Consumption of meat is associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 1266-78	7	51
51	The impact of racial discrimination on the health of Australian Indigenous children aged 5-10 years: analysis of national longitudinal data. <i>International Journal for Equity in Health</i> , <b>2017</b> , 16, 116	4.6	49
50	Meta-analysis of gene-level associations for rare variants based on single-variant statistics. <i>American Journal of Human Genetics</i> , <b>2013</b> , 93, 236-48	11	49
49	Complement factor H Y402H and C-reactive protein polymorphism and photodynamic therapy response in age-related macular degeneration. <i>Ophthalmology</i> , <b>2009</b> , 116, 1908-12.e1	7.3	47
48	Uncovering the complex genetics of human character. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2295-2312	15.1	42
47	Effect of Exercise Intensity on Glucose Requirements to Maintain Euglycemia During Exercise in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 972-80	5.6	38
46	Uncovering the complex genetics of human temperament. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2275-2294	15.1	37
45	A randomised controlled trial of an iPad-based application to complement early behavioural intervention in Autism Spectrum Disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2017</b> , 58, 1042-1052	7.9	36
44	Physical Inactivity Is Associated with Moderate-Severe Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2015</b> , 11, 1091-9	3.1	36
43	Feasibility of Outpatient 24-Hour Closed-Loop Insulin Delivery. <i>Diabetes Care</i> , <b>2015</b> , 38, e186-7	14.6	32
42	A Comprehensive Evaluation of a Two-Channel Portable Monitor to "Rule in" Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2015</b> , 11, 433-44	3.1	31
41	The molecular genetic architecture of self-employment. <i>PLoS ONE</i> , <b>2013</b> , 8, e60542	3.7	28
40	The effect of weight on labor market outcomes: An application of genetic instrumental variables. <i>Health Economics (United Kingdom)</i> , <b>2019</b> , 28, 65-77	2.4	28
39	School performance in children with type 1 diabetes: a contemporary population-based study. <i>Pediatric Diabetes</i> , <b>2016</b> , 17, 101-11	3.6	25

38	Childhood hospitalisation with infection and cardiovascular disease in early-mid adulthood: a longitudinal population-based study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125342	3.7	25
37	A genome-wide expression quantitative trait loci analysis of proprotein convertase subtilisin/kexin enzymes identifies a novel regulatory gene variant for <i>FURIN</i> expression and blood pressure. <i>Human Genetics</i> , <b>2015</b> , 134, 627-36	6.3	24
36	Association of an allele on chromosome 9 and abdominal aortic aneurysm. <i>Atherosclerosis</i> , <b>2010</b> , 212, 539-42	3.1	24
35	Possible association between genetic polymorphisms in transforming growth factor beta receptors, serum transforming growth factor beta1 concentration and abdominal aortic aneurysm. <i>British Journal of Surgery</i> , <b>2009</b> , 96, 628-32	5.3	24
34	Impact of the Reelin signaling cascade (ligands-receptors-adaptor complex) on cognition in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2012</b> , 159B, 392-404	3.5	23
33	Real-world outcomes of insulin pump compared to injection therapy in a population-based sample of children with type 1 diabetes. <i>Pediatric Diabetes</i> , <b>2018</b> , 19, 1459-1466	3.6	22
32	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. <i>Human Genetics</i> , <b>2015</b> , 134, 131-46	6.3	20
31	Apolipoprotein E genotype is associated with serum C-reactive protein but not abdominal aortic aneurysm. <i>Atherosclerosis</i> , <b>2010</b> , 209, 487-91	3.1	20
30	Maternal smoking during pregnancy and the risk of childhood type 1 diabetes in Western Australia. <i>Diabetologia</i> , <b>2014</b> , 57, 469-72	10.3	19
29	Increasing incidence of type 2 diabetes in Indigenous and non-Indigenous children in Western Australia, 1990-2012. <i>Medical Journal of Australia</i> , <b>2016</b> , 204, 303	4	19
28	Evidence of a reduction over time in the behavioral severity of autistic disorder diagnoses. <i>Autism Research</i> , <b>2017</b> , 10, 179-187	5.1	18
27	Stature and long-term labor market outcomes: Evidence using Mendelian randomization. <i>Economics and Human Biology</i> , <b>2017</b> , 24, 18-29	2.6	18
26	Clinical and demographic risk factors associated with mortality during early adulthood in a population-based cohort of childhood-onset type 1 diabetes. <i>Diabetic Medicine</i> , <b>2014</b> , 31, 1550-8	3.5	18
25	Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. <i>Diabetologia</i> , <b>2018</b> , 61, 317-330	10.3	17
24	Impact of Neuritin 1 (NRN1) polymorphisms on fluid intelligence in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2010</b> , 153B, 428-437	3.5	16
23	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1910915	10.4	14
22	Promoter polymorphisms in two overlapping 6p25 genes implicate mitochondrial proteins in cognitive deficit in schizophrenia. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 1328-39	15.1	14
21	Does education protect against depression? Evidence from the Young Finns Study using Mendelian randomization. <i>Preventive Medicine</i> , <b>2018</b> , 115, 134-139	4.3	14

20	Inherited balanced translocation t(9;17)(q33.2;q25.3) concomitant with a 16p13.1 duplication in a patient with schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2011</b> , 156, 204-14	3.5	13
19	Continuous Glucose Monitoring Adherence: Lessons From a Clinical Trial to Predict Outpatient Behavior. <i>Journal of Diabetes Science and Technology</i> , <b>2016</b> , 10, 627-32	4.1	13
18	Gene-environment interactions between education and body mass: Evidence from the UK and Finland. <i>Social Science and Medicine</i> , <b>2017</b> , 195, 12-16	5.1	10
17	Small-molecule screen reveals synergy of cell cycle checkpoint kinase inhibitors with DNA-damaging chemotherapies in medulloblastoma. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	7
16	A population-based study of polymorphisms in genes related to sex hormones and abdominal aortic aneurysm. <i>European Journal of Human Genetics</i> , <b>2011</b> , 19, 363-6	5.3	6
15	A single-nucleotide polymorphism in the gene encoding osteoprotegerin is associated with diastolic blood pressure in older men. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 1167-70	2.3	6
14	Risk Factors for Gut Dysbiosis in Early Life. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	6
13	Genetic Determinants of Circulating Glycine Levels and Risk of Coronary Artery Disease. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011922	6	5
12	Big Data Approach to Characterize Restricted and Repetitive Behaviors in Autism. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2021</b> ,	7.2	5
11	Incidence of and risk factors for hospitalisations due to vascular complications: A population-based type 1 diabetes cohort (n=1316) followed into early adulthood. <i>Journal of Diabetes and Its Complications</i> , <b>2017</b> , 31, 843-849	3.2	4
10	The Effect of Weight on Labor Market Outcomes: an Application of Genetic Instrumental Variables <b>2016</b> ,		4
9	Genetic endowments, parental resources and adult health: Evidence from the Young Finns Study. <i>Social Science and Medicine</i> , <b>2017</b> , 188, 191-200	5.1	3
8	Evaluating the direct effects of childhood adiposity on adult systemic-metabolism: A multivariable Mendelian randomization analysis		3
7	Health endowment and later-life outcomes in the labour market: Evidence using genetic risk scores and reduced-form models. <i>SSM - Population Health</i> , <b>2019</b> , 7, 100379	3.8	2
6	Investigating associations between birth order and autism diagnostic phenotypes. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 961-970	7.9	2
5	Do childhood infections affect labour market outcomes in adulthood and, if so, how?. <i>Economics and Human Biology</i> , <b>2020</b> , 37, 100857	2.6	2
4	Fasting Glucose and the Risk of Depressive Symptoms: Instrumental-Variable Regression in the Cardiovascular Risk in Young Finns Study. <i>International Journal of Behavioral Medicine</i> , <b>2017</b> , 24, 901-907 <sup>2.6</sup>		2
3	Statistical adjustment of genotyping error in a case-control study of childhood leukaemia. <i>BMC Medical Research Methodology</i> , <b>2012</b> , 12, 141	4.7	2

2	Electrostatic Filters to Reduce COVID-19 Spread in Bubble CPAP: An in vitro Study of Safety and Efficacy. <i>Neonatology</i> , <b>2020</b> , 117, 736-741	4	1
1	Examining the effect of mitochondrial DNA variants on blood pressure in two Finnish cohorts. <i>Scientific Reports</i> , <b>2021</b> , 11, 611	4.9	1