

# Matthew N. Cooper

## 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.

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	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
90	Risk Factors for Gut Dysbiosis in Early Life. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	6
89	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
88	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
87	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
86	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
85	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
84	Uncovering the complex genetics of human character. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2295-2312	15.1	42
83	Uncovering the complex genetics of human temperament. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2275-2294	15.1	37
82	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
81	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
80	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
79	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
78	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
77	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
76	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
75	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

74	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
73	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
72	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
71	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
70	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
69	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	2.6	2
68	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
67	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
66	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
65	The Effect of Weight on Labor Market Outcomes: an Application of Genetic Instrumental Variables <b>2016</b> ,		4
64	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
63	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
62	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
61	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
60	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
59	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-463	30.4	119
58	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
57	A genome-wide expression quantitative trait loci analysis of proprotein convertase subtilisin/kexin enzymes identifies a novel regulatory gene variant for FURIN expression and blood pressure. <i>Human Genetics</i> , <b>2015</b> , 134, 627-36	6.3	24

56	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
55	Feasibility of Outpatient 24-Hour Closed-Loop Insulin Delivery. <i>Diabetes Care</i> , <b>2015</b> , 38, e186-7	14.6	32
54	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
53	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
52	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
51	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
50	Gene $\times$ 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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	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

38	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , <b>2013</b> , 45, 314-8	36.3	314
37	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
36	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
35	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
34	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
33	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
32	The molecular genetic architecture of self-employment. <i>PLoS ONE</i> , <b>2013</b> , 8, e60542	3.7	28
31	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
30	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
29	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , <b>2012</b> , 44, 526-31	36.3	292
28	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
27	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
26	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
25	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
24	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
23	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002584	6	143
22	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
21	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

20	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , <b>2011</b> , 478, 103-9	50.4	1564
19	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
18	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
17	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
16	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
15	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
14	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
13	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , <b>2010</b> , 42, 36-44	36.3	430
12	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
11	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
10	Psychosis susceptibility gene ZNF804A and cognitive performance in schizophrenia. <i>Archives of General Psychiatry</i> , <b>2010</b> , 67, 692-700		120
9	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
8	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
7	Association of an allele on chromosome 9 and abdominal aortic aneurysm. <i>Atherosclerosis</i> , <b>2010</b> , 212, 539-42	3.1	24
6	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
5	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
4	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
3	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

2	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	73	47
1	Evaluating the direct effects of childhood adiposity on adult systemic-metabolism: A multivariable Mendelian randomization analysis		3