

# Rajkumar Dorajoo

## List of Publications by Citations

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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.

61  
papers

5,197  
citations

25  
h-index

70  
g-index

70  
ext. papers

6,998  
ext. citations

11.6  
avg, IF

3.41  
L-index

#	Paper	IF	Citations
61	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206	50.4	2687
60	Meta-analysis identifies common variants associated with body mass index in east Asians. <i>Nature Genetics</i> , <b>2012</b> , 44, 307-11	36.3	301
59	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , <b>2015</b> , 47, 1282-1293	36.3	223
58	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	36.3	217
57	Common variants at CDKAL1 and KLF9 are associated with body mass index in east Asian populations. <i>Nature Genetics</i> , <b>2012</b> , 44, 302-6	36.3	192
56	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , <b>2014</b> , 46, 492-7	36.3	177
55	Meta-analysis of genome-wide association studies in East Asian-ancestry populations identifies four new loci for body mass index. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 5492-504	5.6	141
54	FTO variants are associated with obesity in the Chinese and Malay populations in Singapore. <i>Diabetes</i> , <b>2008</b> , 57, 2851-7	0.9	133
53	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , <b>2015</b> , 6, 6063	17.4	118
52	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 1770-1784	5.6	90
51	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. <i>Nature Genetics</i> , <b>2017</b> , 49, 1722-1730	36.3	83
50	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. <i>Diabetes</i> , <b>2018</b> , 67, 1414-1427	0.9	71
49	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , <b>2019</b> , 51, 636-648	36.3	59
48	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , <b>2018</b> , 102, 375-400	11	59
47	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , <b>2019</b> , 179, 736-749.e15	56.2	51
46	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. <i>Scientific Reports</i> , <b>2016</b> , 6, 17958	4.9	48
45	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1891-1902	7.8	45

44	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , <b>2019</b> , 10, 376	17.4	41
43	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957	17.4	40
42	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1033-1054	3.8	39
41	A genome-wide association study of n-3 and n-6 plasma fatty acids in a Singaporean Chinese population. <i>Genes and Nutrition</i> , <b>2015</b> , 10, 53	4.3	35
40	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198166	3.7	31
39	Loci for human leukocyte telomere length in the Singaporean Chinese population and trans-ethnic genetic studies. <i>Nature Communications</i> , <b>2019</b> , 10, 2491	17.4	29
38	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , <b>2018</b> , 9, 5052	17.4	29
37	Genetics of Type 2 Diabetes and Clinical Utility. <i>Genes</i> , <b>2015</b> , 6, 372-84	4.2	26
36	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,	50.4	24
35	Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10, e001527		20
34	Are C-reactive protein associated genetic variants associated with serum levels and retinal markers of microvascular pathology in Asian populations from Singapore?. <i>PLoS ONE</i> , <b>2013</b> , 8, e67650	3.7	18
33	The interaction between miRNA and mRNA is involved in vascular smooth muscle cell differentiation in patients with coronary atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	16
32	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
31	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 2615-2633	5.6	14
30	Interaction effects between Paraoxonase 1 variants and cigarette smoking on risk of coronary heart disease in a Singaporean Chinese population. <i>Atherosclerosis</i> , <b>2015</b> , 240, 40-5	3.1	14
29	Genome-wide association study identifies a missense variant at APOA5 for coronary artery disease in Multi-Ethnic Cohorts from Southeast Asia. <i>Scientific Reports</i> , <b>2017</b> , 7, 17921	4.9	14
28	Genetic variants in the receptor for advanced glycation end products (RAGE) gene were associated with circulating soluble RAGE level but not with renal function among Asians with type 2 diabetes: a genome-wide association study. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, 1697-1704	4.3	14
27	Single-cell transcriptomics of East-Asian pancreatic islets cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 5024	4.9	11

26	Genetic markers for urine haptoglobin is associated with decline in renal function in type 2 diabetes in East Asians. <i>Scientific Reports</i> , <b>2018</b> , 8, 5109	4.9	9
25	Utility of genetic and non-genetic risk factors in predicting coronary heart disease in Singaporean Chinese. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 153-160	3.9	9
24	Association of variants with hemoglobin A1c and impact on diabetes diagnosis in East Asian individuals. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	7
23	Gene-diet interaction effects on BMI levels in the Singapore Chinese population. <i>Nutrition Journal</i> , <b>2018</b> , 17, 31	4.3	7
22	A study of Kibbutzim in Israel reveals risk factors for cardiometabolic traits and subtle population structure. <i>European Journal of Human Genetics</i> , <b>2018</b> , 26, 1848-1858	5.3	7
21	Association of Genetic Variants for Plasma LRG1 With Rapid Decline in Kidney Function in Patients With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 2384-2394	5.6	4
20	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2111-2125	15.1	3
19	The genetic variation rs6903956 in the novel androgen-dependent tissue factor pathway inhibitor regulating protein () gene is not associated with levels of plasma coagulation factors in the Singaporean Chinese. <i>Thrombosis Journal</i> , <b>2017</b> , 15, 1	5.6	3
18	Effect of plasma polyunsaturated fatty acid levels on leukocyte telomere lengths in the Singaporean Chinese population. <i>Nutrition Journal</i> , <b>2020</b> , 19, 119	4.3	3
17	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 685-697 <sup>12.1</sup>	12.1	2
16	Elevated Ecell stress levels promote severe diabetes development in mice with MODY4. <i>Journal of Endocrinology</i> , <b>2020</b> , 244, 323-337	4.7	2
15	DNA methylation and breast cancer-associated variants. <i>Breast Cancer Research and Treatment</i> , <b>2021</b> , 188, 713-727	4.4	2
14	Low frequency variants associated with leukocyte telomere length in the Singapore Chinese population. <i>Communications Biology</i> , <b>2021</b> , 4, 519	6.7	2
13	PAX4 R192H is associated with younger onset of Type 2 diabetes in East Asians in Singapore. <i>Journal of Diabetes and Its Complications</i> , <b>2019</b> , 33, 53-58	3.2	2
12	Polygenic risk scores for prediction of breast cancer risk in Asian populations.. <i>Genetics in Medicine</i> , <b>2021</b> ,	8.1	2
11	A study of Kibbutzim in Israel reveals risk factors for cardiometabolic traits and subtle population structure		1
10	Correlation of Telomere Length in Adipose Tissue and Leukocytes and its Association with Postsurgical Weight Loss. <i>Obesity</i> , <b>2020</b> , 28, 2424-2430	8	1
9	Interaction between a haptoglobin genetic variant and coronary artery disease (CAD) risk factors on CAD severity in Singaporean Chinese population. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1450	2.3	1

8	Midlife Leukocyte Telomere Length as an Indicator for Handgrip Strength in Late Life. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 172-175	6.4	1
7	Association of leukocyte telomere length with obesity-related traits in Asian children with early-onset obesity. <i>Pediatric Obesity</i> , <b>2021</b> , 16, e12771	4.6	1
6	Discovery of Novel Genetic Risk Loci for Acute Central Serous Chorioretinopathy and Genetic Pleiotropic Effect With Age-Related Macular Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 696885	5.7	1
5	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , <b>2022</b> , 5,	6.7	1
4	Association of leukocyte telomere length with chronic kidney disease in East Asians with type 2 diabetes: a Mendelian randomization study. <i>CKJ: Clinical Kidney Journal</i> , <b>2021</b> , 14, 2371-2376	4.5	0
3	The association of genetically determined serum glycine with cardiovascular risk in East Asians. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2021</b> , 31, 1840-1844	4.5	0
2	Interaction Between Peroxisome Proliferator Activated Receptor $\alpha$ and Epithelial Membrane Protein 2 Polymorphisms Influences HDL-C Levels in the Chinese Population. <i>Annals of Human Genetics</i> , <b>2016</b> , 80, 282-93	2.2	
1	Genetic associations with healthy ageing among Chinese adults <b>2022</b> , 8,		