

# Rajkumar Dorajoo

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

8,278  
citations

186265

28  
h-index

110387

64  
g-index

70  
all docs

70  
docs citations

70  
times ranked

16132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
3	Meta-analysis identifies common variants associated with body mass index in east Asians. <i>Nature Genetics</i> , 2012, 44, 307-311.	21.4	372
4	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
5	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
6	Common variants at CDKAL1 and KLF9 are associated with body mass index in east Asian populations. <i>Nature Genetics</i> , 2012, 44, 302-306.	21.4	240
7	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , 2014, 46, 492-497.	21.4	214
8	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> , 2014, 23, 5492-5504.	2.9	192
9	<i>FTO</i> Variants Are Associated With Obesity in the Chinese and Malay Populations in Singapore. <i>Diabetes</i> , 2008, 57, 2851-2857.	0.6	152
10	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015, 6, 6063.	12.8	147
11	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1414-1427.	0.6	136
12	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> , 2017, 26, 1770-1784.	2.9	135
13	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> , 2017, 49, 1722-1730.	21.4	129
14	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019, 179, 736-749.e15.	28.9	126
15	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> , 2018, 102, 375-400.	6.2	123
16	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	21.4	112
17	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	2.5	94
18	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	3.4	85

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19	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84
20	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052.	12.8	75
21	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. <i>International Journal of Epidemiology</i> , 2017, 46, 1891-1902.	1.9	73
22	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	12.8	64
23	Loci for human leukocyte telomere length in the Singaporean Chinese population and trans-ethnic genetic studies. <i>Nature Communications</i> , 2019, 10, 2491.	12.8	64
24	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. <i>Scientific Reports</i> , 2016, 6, 17958.	3.3	58
25	A genome-wide association study of n-3 and n-6 plasma fatty acids in a Singaporean Chinese population. <i>Genes and Nutrition</i> , 2015, 10, 53.	2.5	53
26	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. <i>JAMA Network Open</i> , 2019, 2, e1910915.	5.9	41
27	Genetics of Type 2 Diabetes and Clinical Utility. <i>Genes</i> , 2015, 6, 372-384.	2.4	34
28	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> , 2019, 28, 2615-2633.	2.9	31
29	The Interaction between 30b-5p miRNA and MBNL1 mRNA is Involved in Vascular Smooth Muscle Cell Differentiation in Patients with Coronary Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 11.	4.1	31
30	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> , 2017, 7, 17921.	3.3	28
31	Polygenic risk scores for prediction of breast cancer risk in Asian populations. <i>Genetics in Medicine</i> , 2022, 24, 586-600.	2.4	27
32	Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, e001527.	5.1	26
33	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> , 2013, 8, e67650.	2.5	23
34	Genetic variants in the receptor for advanced glycation end products (<i>RAGE</i>) 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> , 2017, 32, gfw263.	0.7	18
35	Interaction effects between Paraoxonase 1 variants and cigarette smoking on risk of coronary heart disease in a Singaporean Chinese population. <i>Atherosclerosis</i> , 2015, 240, 40-45.	0.8	17
36	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125.	7.9	17

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37	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	4.4	17
38	Single-cell transcriptomics of East-Asian pancreatic islets cells. <i>Scientific Reports</i> , 2017, 7, 5024.	3.3	16
39	Effect of plasma polyunsaturated fatty acid levels on leukocyte telomere lengths in the Singaporean Chinese population. <i>Nutrition Journal</i> , 2020, 19, 119.	3.4	16
40	Genetic markers for urine haptoglobin is associated with decline in renal function in type 2 diabetes in East Asians. <i>Scientific Reports</i> , 2018, 8, 5109.	3.3	15
41	Low frequency variants associated with leukocyte telomere length in the Singapore Chinese population. <i>Communications Biology</i> , 2021, 4, 519.	4.4	15
42	A study of Kibbutzim in Israel reveals risk factors for cardiometabolic traits and subtle population structure. <i>European Journal of Human Genetics</i> , 2018, 26, 1848-1858.	2.8	12
43	Association of <i>G6PD</i> variants with hemoglobin A1c and impact on diabetes diagnosis in East Asian individuals. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001091.	2.8	12
44	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> , 2021, 14, 2371-2376.	2.9	12
45	Utility of genetic and non-genetic risk factors in predicting coronary heart disease in Singaporean Chinese. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 153-160.	1.8	11
46	Gene-diet interaction effects on BMI levels in the Singapore Chinese population. <i>Nutrition Journal</i> , 2018, 17, 31.	3.4	11
47	NAFLD polygenic risk score and risk of hepatocellular carcinoma in an East Asian population. <i>Hepatology Communications</i> , 2022, 6, 2310-2321.	4.3	11
48	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> , 2020, 35, 685-697.	5.7	9
49	Association of leukocyte telomere length with obesity-related traits in Asian children with early-onset obesity. <i>Pediatric Obesity</i> , 2021, 16, e12771.	2.8	9
50	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> , 2021, 106, 2384-2394.	3.6	9
51	PAX4 R192H is associated with younger onset of Type 2 diabetes in East Asians in Singapore. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 53-58.	2.3	7
52	DNA methylation and breast cancer-associated variants. <i>Breast Cancer Research and Treatment</i> , 2021, 188, 713-727.	2.5	7
53	The genetic variation rs6903956 in the novel androgen-dependent tissue factor pathway inhibitor regulating protein (ADTRP) gene is not associated with levels of plasma coagulation factors in the Singaporean Chinese. <i>Thrombosis Journal</i> , 2017, 15, 1.	2.1	4
54	Correlation of Telomere Length in Adipose Tissue and Leukocytes and its Association with Postsurgical Weight Loss. <i>Obesity</i> , 2020, 28, 2424-2430.	3.0	4

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55	Midlife Leukocyte Telomere Length as an Indicator for Handgrip Strength in Late Life. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 172-175.	3.6	4
56	The association of genetically determined serum glycine with cardiovascular risk in East Asians. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1840-1844.	2.6	4
57	Elevated $\beta$ -cell stress levels promote severe diabetes development in mice with MODY4. Journal of Endocrinology, 2020, 244, 323-337.	2.6	4
58	Interaction between a haptoglobin genetic variant and coronary artery disease (CAD) risk factors on CAD severity in Singaporean Chinese population. Molecular Genetics & Genomic Medicine, 2020, 8, e1450.	1.2	3
59	Genetic Risk Score for Plasma Uric Acid Levels Is Associated With Early Rapid Kidney Function Decline in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2792-e2800.	3.6	3
60	Interaction between cigarette smoking and genetic polymorphisms on the associations with age of natural menopause and reproductive lifespan: the Singapore Chinese Health Study. Human Reproduction, 2022, 37, 1351-1359.	0.9	3
61	The association of genetic susceptibility to smoking with cardiovascular disease mortality and the benefits of adhering to a DASH diet: The Singapore Chinese Health Study. American Journal of Clinical Nutrition, 2022, 116, 386-393.	4.7	3
62	Shortened Telomere Length in Sputum Cells of Bronchiectasis Patients is Associated with Dysfunctional Inflammatory Pathways. Lung, 2022, 200, 401-407.	3.3	3
63	Discovery of Novel Genetic Risk Loci for Acute Central Serous Chorioretinopathy and Genetic Pleiotropic Effect With Age-Related Macular Degeneration. Frontiers in Cell and Developmental Biology, 2021, 9, 696885.	3.7	2
64	Interaction Between Peroxisome Proliferator Activated Receptor $\gamma$ and Epithelial Membrane Protein 2 Polymorphisms Influences HDL Levels in the Chinese Population. Annals of Human Genetics, 2016, 80, 282-293.	0.8	1
65	Genetic associations with healthy ageing among Chinese adults. , 2022, 8, .		1