Rajkumar Dorajoo

List of Publications by Year in Descending Order

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 associations with healthy ageing among Chinese adults **2022**, 8,		
60	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. *Communications Biology*, **2022**, 5,	6.7	1
59	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. *Molecular Psychiatry*, **2021**, 26, 2111-2125	15.1	3
58	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
57	Association of leukocyte telomere length with chronic kidney disease in East Asians with type 2 diabetes: a Mendelian randomization study. *CKJ: Clinical Kidney Journal*, **2021**, 14, 2371-2376	4.5	0
56	DNA methylation and breast cancer-associated variants. *Breast Cancer Research and Treatment*, **2021**, 188, 713-727	4.4	2
55	Association of Genetic Variants for Plasma LRG1 With Rapid Decline in Kidney Function in Patients With Type 2 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 2384-2394	5.6	4
54	Low frequency variants associated with leukocyte telomere length in the Singapore Chinese population. *Communications Biology*, **2021**, 4, 519	6.7	2
53	The association of genetically determined serum glycine with cardiovascular risk in East Asians. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 1840-1844	4.5	0
52	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	6.4	1
51	Association of leukocyte telomere length with obesity-related traits in Asian children with early-onset obesity. *Pediatric Obesity*, **2021**, 16, e12771	4.6	1
50	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	5.7	1
49	Polygenic risk scores for prediction of breast cancer risk in Asian populations.. *Genetics in Medicine*, **2021**,	8.1	2
48	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. *European Journal of Epidemiology*, **2020**, 35, 685-697	12.1	2
47	Association of variants with hemoglobin A1c and impact on diabetes diagnosis in East Asian individuals. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	7
46	Elevated Ecell stress levels promote severe diabetes development in mice with MODY4. *Journal of Endocrinology*, **2020**, 244, 323-337	4.7	2
45	Correlation of Telomere Length in Adipose Tissue and Leukocytes and its Association with Postsurgical Weight Loss. *Obesity*, **2020**, 28, 2424-2430	8	1

44	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	2.3	1
43	Effect of plasma polyunsaturated fatty acid levels on leukocyte telomere lengths in the Singaporean Chinese population. *Nutrition Journal*, **2020**, 19, 119	4.3	3
42	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. *JAMA Network Open*, **2019**, 2, e1910915	10.4	14
41	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. *American Journal of Epidemiology*, **2019**, 188, 1033-1054	3.8	39
40	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature Communications*, **2019**, 10, 376	17.4	41
39	Loci for human leukocyte telomere length in the Singaporean Chinese population and trans-ethnic genetic studies. *Nature Communications*, **2019**, 10, 2491	17.4	29
38	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
37	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human Molecular Genetics*, **2019**, 28, 2615-2633	5.6	14
36	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. *Nature Genetics*, **2019**, 51, 636-648	36.3	59
35	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. *Cell*, **2019**, 179, 736-749.e15	56.2	51
34	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
33	The interaction between miRNA and mRNA is involved in vascular smooth muscle cell differentiation in patients with coronary atherosclerosis. *International Journal of Molecular Sciences*, **2019**, 21,	6.3	16
32	PAX4 R192H is associated with younger onset of Type 2 diabetes in East Asians in Singapore. *Journal of Diabetes and Its Complications*, **2019**, 33, 53-58	3.2	2
31	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. *American Journal of Human Genetics*, **2018**, 102, 375-400	11	59
30	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
29	Genetic markers for urine haptoglobin is associated with decline in renal function in type 2 diabetes in East Asians. *Scientific Reports*, **2018**, 8, 5109	4.9	9
28	Gene-diet interaction effects on BMI levels in the Singapore Chinese population. *Nutrition Journal*, **2018**, 17, 31	4.3	7
27	A study of Kibbutzim in Israel reveals risk factors for cardiometabolic traits and subtle population structure. *European Journal of Human Genetics*, **2018**, 26, 1848-1858	5.3	7

26	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. *PLoS ONE*, **2018**, 13, e0198166	3.7	31
25	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. *Nature Communications*, **2018**, 9, 5052	17.4	29
24	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. *Human Molecular Genetics*, **2017**, 26, 1770-1784	5.6	90
23	Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. *Circulation: Cardiovascular Genetics*, **2017**, 10, e001527		20
22	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. *Nature Genetics*, **2017**, 49, 1722-1730	36.3	83
21	Single-cell transcriptomics of East-Asian pancreatic islets cells. *Scientific Reports*, **2017**, 7, 5024	4.9	11
20	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. *Thrombosis Journal*, **2017**, 15, 1	5.6	3
19	Utility of genetic and non-genetic risk factors in predicting coronary heart disease in Singaporean Chinese. *European Journal of Preventive Cardiology*, **2017**, 24, 153-160	3.9	9
18	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. *International Journal of Epidemiology*, **2017**, 46, 1891-1902	7.8	45
17	Genome-wide association study identifies a missense variant at APOA5 for coronary artery disease in Multi-Ethnic Cohorts from Southeast Asia. *Scientific Reports*, **2017**, 7, 17921	4.9	14
16	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. *Nephrology Dialysis Transplantation*, **2017**, 32, 1697-1704	4.3	14
15	Interaction Between Peroxisome Proliferator Activated Receptor and Epithelial Membrane Protein 2 Polymorphisms Influences HDL-C Levels in the Chinese Population. *Annals of Human Genetics*, **2016**, 80, 282-93	2.2	
14	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. *Scientific Reports*, **2016**, 6, 17958	4.9	48
13	Interaction effects between Paraoxonase 1 variants and cigarette smoking on risk of coronary heart disease in a Singaporean Chinese population. *Atherosclerosis*, **2015**, 240, 40-5	3.1	14
12	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. *Nature Genetics*, **2015**, 47, 1282-1293	36.3	223
11	A genome-wide association study of n-3 and n-6 plasma fatty acids in a Singaporean Chinese population. *Genes and Nutrition*, **2015**, 10, 53	4.3	35
10	Genetics of Type 2 Diabetes and Clinical Utility. *Genes*, **2015**, 6, 372-84	4.2	26
9	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687

8	New loci and coding variants confer risk for age-related macular degeneration in East Asians. *Nature Communications*, **2015**, 6, 6063	17.4	118
7	Low copy number of the salivary amylase gene predisposes to obesity. *Nature Genetics*, **2014**, 46, 492-7	36.3	177
6	Meta-analysis of genome-wide association studies in East Asian-ancestry populations identifies four new loci for body mass index. *Human Molecular Genetics*, **2014**, 23, 5492-504	5.6	141
5	Are C-reactive protein associated genetic variants associated with serum levels and retinal markers of microvascular pathology in Asian populations from Singapore?. *PLoS ONE*, **2013**, 8, e67650	3.7	18
4	Common variants at CDKAL1 and KLF9 are associated with body mass index in east Asian populations. *Nature Genetics*, **2012**, 44, 302-6	36.3	192
3	Meta-analysis identifies common variants associated with body mass index in east Asians. *Nature Genetics*, **2012**, 44, 307-11	36.3	301
2	FTO variants are associated with obesity in the Chinese and Malay populations in Singapore. *Diabetes*, **2008**, 57, 2851-7	0.9	133
1	A study of Kibbutzim in Israel reveals risk factors for cardiometabolic traits and subtle population structure		1