

# H Yaghootkar

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

13,471  
citations

47006

47  
h-index

45317

90  
g-index

119  
all docs

119  
docs citations

119  
times ranked

25121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic identification of trans eQTLs as putative drivers of known disease associations. <i>Nature Genetics</i> , 2013, 45, 1238-1243.	21.4	1,544
2	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	21.4	762
3	Meta-analysis of genome-wide association studies for body fat distribution in 694,649 individuals of European ancestry. <i>Human Molecular Genetics</i> , 2019, 28, 166-174.	2.9	752
4	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	21.4	590
5	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
6	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , 2019, 51, 245-257.	21.4	536
7	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015, 6, 8570.	12.8	533
8	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	21.4	470
9	Integrative genomic analysis implicates limited peripheral adipose storage capacity in the pathogenesis of human insulin resistance. <i>Nature Genetics</i> , 2017, 49, 17-26.	21.4	452
10	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. <i>Nature Communications</i> , 2019, 10, 343.	12.8	417
11	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	27.8	406
12	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	21.4	402
13	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018, 50, 559-571.	21.4	356
14	Genome-Wide Association Analyses in 128,266 Individuals Identifies New Morningness and Sleep Duration Loci. <i>PLoS Genetics</i> , 2016, 12, e1006125.	3.5	308
15	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	21.4	293
16	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286
17	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	21.4	261
18	Height, body mass index, and socioeconomic status: mendelian randomisation study in UK Biobank. <i>BMJ</i> , 2016, 352, i582.	6.0	247

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19	Human aging is characterized by focused changes in gene expression and deregulation of alternative splicing. <i>Aging Cell</i> , 2011, 10, 868-878.	6.7	230
20	Genetic studies of accelerometer-based sleep measures yield new insights into human sleep behaviour. <i>Nature Communications</i> , 2019, 10, 1585.	12.8	189
21	Genetic Evidence for a Normal-Weight “Metabolically Obese” Phenotype Linking Insulin Resistance, Hypertension, Coronary Artery Disease, and Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 4369-4377.	0.6	185
22	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897.	12.8	173
23	Gene “obesogenic environment interactions in the UK Biobank study. <i>International Journal of Epidemiology</i> , 2017, 46, dyw337.	1.9	159
24	Genome-wide association study of offspring birth weight in 86%577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , 2018, 27, 742-756.	2.9	156
25	Using genetics to understand the causal influence of higher BMI on depression. <i>International Journal of Epidemiology</i> , 2019, 48, 834-848.	1.9	156
26	Common Genetic Variants Highlight the Role of Insulin Resistance and Body Fat Distribution in Type 2 Diabetes, Independent of Obesity. <i>Diabetes</i> , 2014, 63, 4378-4387.	0.6	153
27	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538.	21.4	130
28	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. <i>Diabetes</i> , 2016, 65, 2448-2460.	0.6	122
29	Mendelian Randomization Studies Do Not Support a Causal Role for Reduced Circulating Adiponectin Levels in Insulin Resistance and Type 2 Diabetes. <i>Diabetes</i> , 2013, 62, 3589-3598.	0.6	116
30	Cell Specific eQTL Analysis without Sorting Cells. <i>PLoS Genetics</i> , 2015, 11, e1005223.	3.5	115
31	Using Genetic Variants to Assess the Relationship Between Circulating Lipids and Type 2 Diabetes. <i>Diabetes</i> , 2015, 64, 2676-2684.	0.6	114
32	Human longevity is influenced by many genetic variants: evidence from 75,000 UK Biobank participants. <i>Aging</i> , 2016, 8, 547-560.	3.1	113
33	A genomic approach to therapeutic target validation identifies a glucose-lowering <i>GLP1R</i> variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016, 8, 341ra76.	12.4	100
34	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	21.4	89
35	Mosaic Turner syndrome shows reduced penetrance in an adult population study. <i>Genetics in Medicine</i> , 2019, 21, 877-886.	2.4	88
36	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020, 25, 2392-2409.	7.9	83

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37	Genome-wide and Mendelian randomisation studies of liver MRI yield insights into the pathogenesis of steatohepatitis. <i>Journal of Hepatology</i> , 2020, 73, 241-251.	3.7	83
38	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , 2021, 74, 20-30.	3.7	77
39	A Common Allele in FGF21 Associated with Sugar Intake Is Associated with Body Shape, Lower Total Body-Fat Percentage, and Higher Blood Pressure. <i>Cell Reports</i> , 2018, 23, 327-336.	6.4	76
40	Genome-Wide and Abdominal MRI Data Provide Evidence That a Genetically Determined Favorable Adiposity Phenotype Is Characterized by Lower Ectopic Liver Fat and Lower Risk of Type 2 Diabetes, Heart Disease, and Hypertension. <i>Diabetes</i> , 2019, 68, 207-219.	0.6	72
41	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and Alcohol Use. <i>Biological Psychiatry</i> , 2019, 85, 946-955.	1.3	69
42	Parental diabetes and birthweight in 236 030 individuals in the UK Biobank Study. <i>International Journal of Epidemiology</i> , 2013, 42, 1714-1723.	1.9	65
43	Variants in the FTO and CDKAL1 loci have recessive effects on risk of obesity and type 2 diabetes, respectively. <i>Diabetologia</i> , 2016, 59, 1214-1221.	6.3	65
44	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017, 8, 744.	12.8	64
45	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , 2017, 22, 192-201.	7.9	63
46	Allelic heterogeneity and more detailed analyses of known loci explain additional phenotypic variation and reveal complex patterns of association. <i>Human Molecular Genetics</i> , 2011, 20, 4082-4092.	2.9	61
47	Genetic evidence that lower circulating FSH levels lengthen menstrual cycle, increase age at menopause and impact female reproductive health. <i>Human Reproduction</i> , 2016, 31, 473-481.	0.9	51
48	Red blood cell distribution width: Genetic evidence for aging pathways in 116,666 volunteers. <i>PLoS ONE</i> , 2017, 12, e0185083.	2.5	49
49	DNA methylation and inflammation marker profiles associated with a history of depression. <i>Human Molecular Genetics</i> , 2018, 27, 2840-2850.	2.9	46
50	A Genetic Variant in the Seed Region of miR-4513 Shows Pleiotropic Effects on Lipid and Glucose Homeostasis, Blood Pressure, and Coronary Artery Disease. <i>Human Mutation</i> , 2014, 35, 1524-1531.	2.5	45
51	Ethnic differences in adiposity and diabetes risk – insights from genetic studies. <i>Journal of Internal Medicine</i> , 2020, 288, 271-283.	6.0	42
52	Genetic Evidence for Different Adiposity Phenotypes and Their Opposing Influences on Ectopic Fat and Risk of Cardiometabolic Disease. <i>Diabetes</i> , 2021, 70, 1843-1856.	0.6	42
53	Quantifying the extent to which index event biases influence large genetic association studies. <i>Human Molecular Genetics</i> , 2017, 26, ddw433.	2.9	40
54	Genetic origins of low birth weight. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 258-264.	2.5	35

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55	Higher adiposity and mental health: causal inference using Mendelian randomization. <i>Human Molecular Genetics</i> , 2021, 30, 2371-2382.	2.9	29
56	Estimating the Effect of Liver and Pancreas Volume and Fat Content on Risk of Diabetes: A Mendelian Randomization Study. <i>Diabetes Care</i> , 2022, 45, 460-468.	8.6	27
57	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020, 69, 2806-2818.	0.6	26
58	Association Analysis of 29,956 Individuals Confirms That a Low-Frequency Variant at <i>CCND2</i> Halves the Risk of Type 2 Diabetes by Enhancing Insulin Secretion. <i>Diabetes</i> , 2015, 64, 2279-2285.	0.6	24
59	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. <i>Journal of Hepatology</i> , 2019, 71, 594-602.	3.7	23
60	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019, 105, 15-28.	6.2	21
61	Using genetics to decipher the link between type 2 diabetes and cancer: shared aetiology or downstream consequence?. <i>Diabetologia</i> , 2020, 63, 1706-1717.	6.3	20
62	Genetic evidence that higher central adiposity causes gastro-oesophageal reflux disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2020, 49, 1270-1281.	1.9	20
63	Analysis with the exome array identifies multiple new independent variants in lipid loci. <i>Human Molecular Genetics</i> , 2016, 25, 4094-4106.	2.9	19
64	Tumor Necrosis Factor-Alpha Polymorphism at Position -238 in Preeclampsia. <i>Iranian Red Crescent Medical Journal</i> , 2014, 16, e11195.	0.5	18
65	Machine Learning based histology phenotyping to investigate the epidemiologic and genetic basis of adipocyte morphology and cardiometabolic traits. <i>PLoS Computational Biology</i> , 2020, 16, e1008044.	3.2	16
66	The Māori and Pacific specific CREBRF variant and adult height. <i>International Journal of Obesity</i> , 2020, 44, 748-752.	3.4	15
67	Refining Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder Genetic Loci by Integrating Summary Data From Genome-wide Association, Gene Expression, and DNA Methylation Studies. <i>Biological Psychiatry</i> , 2020, 88, 470-479.	1.3	14
68	Type 1 diabetes genetic risk score discriminates between monogenic and Type 1 diabetes in children diagnosed at the age of <math>\leq 5</math> years in the Iranian population. <i>Diabetic Medicine</i> , 2019, 36, 1694-1702.	2.3	13
69	Functional characterisation of ADIPOQ variants using individuals recruited by genotype. <i>Molecular and Cellular Endocrinology</i> , 2016, 428, 49-57.	3.2	12
70	Wolcott-Rallison syndrome in Iran: a common cause of neonatal diabetes. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019, 32, 607-613.	0.9	11
71	Recent progress in the use of genetics to understand links between type 2 diabetes and related metabolic traits. <i>Genome Biology</i> , 2013, 14, 203.	9.6	10
72	Testing the role of predicted gene knockouts in human anthropometric trait variation. <i>Human Molecular Genetics</i> , 2016, 25, 2082-2092.	2.9	10

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73	A Mendelian Randomization Study Provides Evidence That Adiposity and Dyslipidemia Lead to Lower Urinary Albumin-to-Creatinine Ratio, a Marker of Microvascular Function. <i>Diabetes</i> , 2020, 69, 1072-1082.	0.6	10
74	Disease consequences of higher adiposity uncoupled from its adverse metabolic effects using Mendelian randomisation. <i>ELife</i> , 2022, 11, .	6.0	10
75	Ethnic Differences in Body Fat Deposition and Liver Fat Content in Two UK-Based Cohorts. <i>Obesity</i> , 2020, 28, 2142-2152.	3.0	9
76	Higher maternal adiposity reduces offspring birthweight if associated with a metabolically favourable profile. <i>Diabetologia</i> , 2021, 64, 2790-2802.	6.3	9
77	Response to Prakash et al.. <i>Genetics in Medicine</i> , 2019, 21, 1884-1885.	2.4	5
78	Investigating Genetic Mutations in a Large Cohort of Iranian Patients with Congenital Hyperinsulinism. <i>JCRPE Journal of Clinical Research in Pediatric Endocrinology</i> , 2022, 14, 87-95.	0.9	5
79	A rare genetic variant in the manganese transporter SLC30A10 and elevated liver enzymes in the general population. <i>Hepatology International</i> , 2022, 16, 702-711.	4.2	4
80	Genome-Wide Association Study to Identify Common Variants Associated with Brachial Circumference: A Meta-Analysis of 14 Cohorts. <i>PLoS ONE</i> , 2012, 7, e31369.	2.5	3
81	Fetal alleles predisposing to metabolically favorable adiposity are associated with higher birth weight. <i>Human Molecular Genetics</i> , 2022, 31, 1762-1775.	2.9	2
82	A case of H syndrome with a novel mutation in SLC29A3. <i>Meta Gene</i> , 2019, 21, 100599.	0.6	1
83	Genetically defined favourable adiposity is not associated with a clinically meaningful difference in clinical course in people with type 2 diabetes but does associate with a favourable metabolic profile. <i>Diabetic Medicine</i> , 2021, 38, e14531.	2.3	1
84	Coding Variant In <i>LEP</i> Associated with Lower Leptin Concentrations Implicates Leptin in the Regulation of Early Adiposity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
85	Title is missing!. , 2020, 16, e1008044.		0
86	Title is missing!. , 2020, 16, e1008044.		0
87	Title is missing!. , 2020, 16, e1008044.		0
88	Title is missing!. , 2020, 16, e1008044.		0
89	Title is missing!. , 2020, 16, e1008044.		0
90	Title is missing!. , 2020, 16, e1008044.		0