

# Sonia Shah

## 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.

75  
papers

12,371  
citations

40  
h-index

83  
g-index

83  
ext. papers

15,062  
ext. citations

10.7  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
75	Comprehensive genetic analysis of the human lipidome identifies loci associated with lipid homeostasis with links to coronary artery disease. <i>Nature Communications</i> , <b>2022</b> , 13,	17.4	5
74	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , <b>2021</b> ,	3.7	1
73	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , <b>2020</b> , 11, 163	17.4	140
72	A genetic model of ivabradine recapitulates results from randomized clinical trials. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236193	3.7	1
71	A genetic model of ivabradine recapitulates results from randomized clinical trials <b>2020</b> , 15, e0236193		
70	A genetic model of ivabradine recapitulates results from randomized clinical trials <b>2020</b> , 15, e0236193		
69	A genetic model of ivabradine recapitulates results from randomized clinical trials <b>2020</b> , 15, e0236193		
68	A genetic model of ivabradine recapitulates results from randomized clinical trials <b>2020</b> , 15, e0236193		
67	A DNA methylation biomarker of alcohol consumption. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 422-433	15.1	164
66	The epigenetic clock and telomere length are independently associated with chronological age and mortality. <i>International Journal of Epidemiology</i> , <b>2018</b> , 45, 424-432	7.8	153
65	Identification of 55,000 Replicated DNA Methylation QTL. <i>Scientific Reports</i> , <b>2018</b> , 8, 17605	4.9	78
64	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , <b>2018</b> , 9, 5141	17.4	64
63	Epigenetic Patterns in Blood Associated With Lipid Traits Predict Incident Coronary Heart Disease Events and Are Enriched for Results From Genome-Wide Association Studies. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		72
62	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002215	11.6	162
61	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. <i>Nature Communications</i> , <b>2017</b> , 8, 611	17.4	45
60	Whole exome sequencing and DNA methylation analysis in a clinical amyotrophic lateral sclerosis cohort. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2017</b> , 5, 418-428	2.3	8
59	A genomic atlas of human adrenal and gonad development. <i>Wellcome Open Research</i> , <b>2017</b> , 2, 25	4.8	31

58	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 436-447		442
57	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , <b>2016</b> , 48, 1171-1184	36.3	251
56	Selecting instruments for Mendelian randomization in the wake of genome-wide association studies. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 1600-1616	7.8	114
55	Plasma urate concentration and risk of coronary heart disease: a Mendelian randomisation analysis. <i>Lancet Diabetes and Endocrinology</i> , <b>2016</b> , 4, 327-36	18.1	100
54	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , <b>2016</b> , 8, 1844-1865	5.6	531
53	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , <b>2016</b> , 17, 255	18.3	171
52	Improving Phenotypic Prediction by Combining Genetic and Epigenetic Associations. <i>American Journal of Human Genetics</i> , <b>2015</b> , 97, 75-85	11	85
51	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , <b>2015</b> , 16, 25	18.3	670
50	Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , <b>2015</b> , 36, 539-50	9.5	417
49	Sex-Specific Effects of Adiponectin on Carotid Intima-Media Thickness and Incident Cardiovascular Disease. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4, e001853	6	25
48	The epigenetic clock is correlated with physical and cognitive fitness in the Lothian Birth Cohort 1936. <i>International Journal of Epidemiology</i> , <b>2015</b> , 44, 1388-96	7.8	357
47	C9orf72 hexanucleotide repeat expansions in Chinese sporadic amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2660.e1-8	5.6	40
46	Refinement of variant selection for the LDL cholesterol genetic risk score in the diagnosis of the polygenic form of clinical familial hypercholesterolemia and replication in samples from 6 countries. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 231-8	5.5	130
45	Sharing a Placenta is Associated With a Greater Similarity in DNA Methylation in Monozygotic Versus Dizygotic Twin Pairs in Blood at Age 14. <i>Twin Research and Human Genetics</i> , <b>2015</b> , 18, 680-5	2.2	6
44	Low levels of IgM antibodies against phosphorylcholine are associated with fast carotid intima media thickness progression and cardiovascular risk in men. <i>Atherosclerosis</i> , <b>2014</b> , 236, 394-9	3.1	19
43	Contribution of genetic variation to transgenerational inheritance of DNA methylation. <i>Genome Biology</i> , <b>2014</b> , 15, R73	18.3	179
42	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , <b>2014</b> , 349, g4164	5.9	406
41	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , <b>2014</b> , 46, 234-44	36.3	784

40	Genetic and environmental exposures constrain epigenetic drift over the human life course. <i>Genome Research</i> , <b>2014</b> , 24, 1725-33	9.7	123
39	Genetic determinants of circulating interleukin-1 receptor antagonist levels and their association with glycemic traits. <i>Diabetes</i> , <b>2014</b> , 63, 4343-59	0.9	32
38	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 349-60	11	131
37	A gene-centric study of common carotid artery remodelling. <i>Atherosclerosis</i> , <b>2013</b> , 226, 440-6	3.1	5
36	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , <b>2013</b> , 45, 1274-1283	36.3	1904
35	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , <b>2013</b> , 45, 1345-52	36.3	597
34	Loci influencing blood pressure identified using a cardiovascular gene-centric array. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 1663-78	5.6	119
33	Use of low-density lipoprotein cholesterol gene score to distinguish patients with polygenic and monogenic familial hypercholesterolaemia: a case-control study. <i>Lancet, The</i> , <b>2013</b> , 381, 1293-301	40	376
32	Influence of common genetic variation on blood lipid levels, cardiovascular risk, and coronary events in two British prospective cohort studies. <i>European Heart Journal</i> , <b>2013</b> , 34, 972-81	9.5	28
31	Causal relevance of blood lipid fractions in the development of carotid atherosclerosis: Mendelian randomization analysis. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 63-72		32
30	Gene-centric analysis identifies variants associated with interleukin-6 levels and shared pathways with other inflammation markers. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 163-70		34
29	Gene-centric association signals for haemostasis and thrombosis traits identified with the HumanCVD BeadChip. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 110, 995-1003	7	7
28	Population genomics of cardiometabolic traits: design of the University College London-London School of Hygiene and Tropical Medicine-Edinburgh-Bristol (UCLEB) Consortium. <i>PLoS ONE</i> , <b>2013</b> , 8, e71345	37	33
27	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , <b>2012</b> , 44, 981-90	36.3	1482
26	IRS1 gene variants, dysglycaemic metabolic changes and type-2 diabetes risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2012</b> , 22, 1024-30	4.5	15
25	Cholesteryl Ester Transfer Protein (CETP) polymorphisms affect mRNA splicing, HDL levels, and sex-dependent cardiovascular risk. <i>PLoS ONE</i> , <b>2012</b> , 7, e31930	3.7	45
24	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 410-25	11	214
23	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 753	11	4

22	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 1116-1117	11	78
21	Large-scale association analyses identify new loci influencing glycemc traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , <b>2012</b> , 44, 991-1005	36.3	621
20	Comparative analysis of genome-wide association studies signals for lipids, diabetes, and coronary heart disease: Cardiovascular Biomarker Genetics Collaboration. <i>European Heart Journal</i> , <b>2012</b> , 33, 393-407	8.5	75
19	Identification of the BCAR1-CFDP1-TMEM170A locus as a determinant of carotid intima-media thickness and coronary artery disease risk. <i>Circulation: Cardiovascular Genetics</i> , <b>2012</b> , 5, 656-65		35
18	Integration of genetics into a systems model of electrocardiographic traits using HumanCVD BeadChip. <i>Circulation: Cardiovascular Genetics</i> , <b>2012</b> , 5, 630-8		12
17	Use of allele-specific FAIRE to determine functional regulatory polymorphism using large-scale genotyping arrays. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002908	6	19
16	Meta analysis of candidate gene variants outside the LPA locus with Lp(a) plasma levels in 14,500 participants of six White European cohorts. <i>Atherosclerosis</i> , <b>2011</b> , 217, 447-51	3.1	17
15	Genetic variants associated with Von Willebrand factor levels in healthy men and women identified using the HumanCVD BeadChip. <i>Annals of Human Genetics</i> , <b>2011</b> , 75, 456-67	2.2	24
14	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , <b>2011</b> , 88, 6-18	11	103
13	Blood pressure loci identified with a gene-centric array. <i>American Journal of Human Genetics</i> , <b>2011</b> , 89, 688-700	11	137
12	ChIP-on-chip analysis reveals angiotensin 2 (Ang2, ANGPT2) as a novel target of steroidogenic factor-1 (SF-1, NR5A1) in the human adrenal gland. <i>FASEB Journal</i> , <b>2011</b> , 25, 1166-75	0.9	21
11	Four genetic loci influencing electrocardiographic indices of left ventricular hypertrophy. <i>Circulation: Cardiovascular Genetics</i> , <b>2011</b> , 4, 626-35		22
10	Prox1 maintains muscle structure and growth in the developing heart. <i>Development (Cambridge)</i> , <b>2009</b> , 136, 495-505	6.6	92
9	rHVDM: an R package to predict the activity and targets of a transcription factor. <i>Bioinformatics</i> , <b>2009</b> , 25, 419-20	7.2	5
8	Identifying differential exon splicing using linear models and correlation coefficients. <i>BMC Bioinformatics</i> , <b>2009</b> , 10, 26	3.6	19
7	Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. <i>American Journal of Human Genetics</i> , <b>2009</b> , 85, 628-42	11	163
6	Prox1 maintains muscle structure and growth in the developing heart. <i>Development (Cambridge)</i> , <b>2009</b> , 136, 699-699	6.6	4
5	Complex disease genetics: present and future translational applications. <i>Genome Medicine</i> , <b>2009</b> , 1, 104	14.4	2

4	Overexpression of MHC class I heavy chain protein in young skeletal muscle leads to severe myositis: implications for juvenile myositis. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 1030-40	5.8	54
3	Annotation of environmental OMICS data: application to the transcriptomics domain. <i>OMICS A Journal of Integrative Biology</i> , <b>2006</b> , 10, 172-8	3.8	18
2	Genome-wide association study provides new insights into the genetic architecture and pathogenesis of heart failure		2
1	Identification of 55,000 Replicated DNA Methylation QTL		14