

Dongfeng Gu

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Version: 2024-04-28

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118
papers

6,366
citations

37
h-index

79
g-index

125
ext. papers

8,537
ext. citations

8.4
avg, IF

5.14
L-index

#	Paper	IF	Citations
118	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
117	Prevalence of the metabolic syndrome and overweight among adults in China. <i>Lancet, The</i> , 2005 , 365, 1398-405	40	706
116	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1385-1391	36.3	361
115	Mortality attributable to smoking in China. <i>New England Journal of Medicine</i> , 2009 , 360, 150-9	59.2	264
114	Genome-wide association study in Han Chinese identifies four new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2012 , 44, 890-4	36.3	243
113	Relationship Between the ABO Blood Group and the Coronavirus Disease 2019 (COVID-19) Susceptibility. <i>Clinical Infectious Diseases</i> , 2021 , 73, 328-331	11.6	238
112	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	36.3	223
111	Predicting the 10-Year Risks of Atherosclerotic Cardiovascular Disease in Chinese Population: The China-PAR Project (Prediction for ASCVD Risk in China). <i>Circulation</i> , 2016 , 134, 1430-1440	16.7	185
110	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, 5492-504	5.6	141
109	Genome-wide association study in Chinese identifies novel loci for blood pressure and hypertension. <i>Human Molecular Genetics</i> , 2015 , 24, 865-74	5.6	129
108	Sugar sweetened beverages consumption and risk of coronary heart disease: a meta-analysis of prospective studies. <i>Atherosclerosis</i> , 2014 , 234, 11-6	3.1	120
107	Predicting monthly high-resolution PM concentrations with random forest model in the North China Plain. <i>Environmental Pollution</i> , 2018 , 242, 675-683	9.3	97
106	Extreme Air Pollution Conditions Adversely Affect Blood Pressure and Insulin Resistance: The Air Pollution and Cardiometabolic Disease Study. <i>Hypertension</i> , 2016 , 67, 77-85	8.5	94
105	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	5.6	90
104	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	36.3	83
103	Association study with 33 single-nucleotide polymorphisms in 11 candidate genes for hypertension in Chinese. <i>Hypertension</i> , 2006 , 47, 1147-54	8.5	80
102	Burden of total and cause-specific mortality related to tobacco smoking among adults aged ≥ 15 years in Asia: a pooled analysis of 21 cohorts. <i>PLoS Medicine</i> , 2014 , 11, e1001631	11.6	76

101	Identification of circular RNA Hsa_circ_0001879 and Hsa_circ_0004104 as novel biomarkers for coronary artery disease. <i>Atherosclerosis</i> , 2019 , 286, 88-96	3.1	74
100	Characterization of LncRNA expression profile and identification of novel LncRNA biomarkers to diagnose coronary artery disease. <i>Atherosclerosis</i> , 2018 , 275, 359-367	3.1	64
99	Long-Term Exposure to Fine Particulate Matter and Cardiovascular Disease in China. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 707-717	15.1	61
98	MAIAC-based long-term spatiotemporal trends of PM in Beijing, China. <i>Science of the Total Environment</i> , 2018 , 616-617, 1589-1598	10.2	61
97	Type 2 diabetes mellitus incidence in Chinese: contributions of overweight and obesity. <i>Diabetes Research and Clinical Practice</i> , 2015 , 107, 424-32	7.4	59
96	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	11	59
95	Incidence and predictors of hypertension over 8 years among Chinese men and women. <i>Journal of Hypertension</i> , 2007 , 25, 517-23	1.9	59
94	Prehypertension and risk of cardiovascular disease in Chinese adults. <i>Journal of Hypertension</i> , 2009 , 27, 721-9	1.9	57
93	Caffeine intake and atrial fibrillation incidence: dose response meta-analysis of prospective cohort studies. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 448-54	3.8	56
92	Long-Term Exposure to Fine Particulate Matter and Hypertension Incidence in China. <i>Hypertension</i> , 2019 , 73, 1195-1201	8.5	54
91	The Cost-Effectiveness of Low-Cost Essential Antihypertensive Medicines for Hypertension Control in China: A Modelling Study. <i>PLoS Medicine</i> , 2015 , 12, e1001860	11.6	51
90	Blood pressure and risk of cardiovascular disease in Chinese men and women. <i>American Journal of Hypertension</i> , 2008 , 21, 265-72	2.3	51
89	Long term exposure to ambient fine particulate matter and incidence of stroke: prospective cohort study from the China-PAR project. <i>BMJ, The</i> , 2019 , 367, l6720	5.9	50
88	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. <i>Scientific Reports</i> , 2016 , 6, 17958	4.9	48
87	Long-term exposure to ambient fine particulate matter and incidence of diabetes in China: A cohort study. <i>Environment International</i> , 2019 , 126, 568-575	12.9	47
86	Genome-wide association meta-analysis identifies novel variants associated with fasting plasma glucose in East Asians. <i>Diabetes</i> , 2015 , 64, 291-8	0.9	43
85	Tobacco Smoking and Mortality in Asia: A Pooled Meta-analysis. <i>JAMA Network Open</i> , 2019 , 2, e191474	10.4	42
84	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41

83	Association of Diabetes With All-Cause and Cause-Specific Mortality in Asia: A Pooled Analysis of More Than 1 Million Participants. <i>JAMA Network Open</i> , 2019 , 2, e192696	10.4	39
82	Genetic Susceptibility to Lipid Levels and Lipid Change Over Time and Risk of Incident Hyperlipidemia in Chinese Populations. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 37-44		37
81	Interactive Mobile Health Intervention and Blood Pressure Management in Adults. <i>Hypertension</i> , 2019 , 74, 697-704	8.5	36
80	Ideal cardiovascular health and incidence of atherosclerotic cardiovascular disease among Chinese adults: the China-PAR project. <i>Science China Life Sciences</i> , 2018 , 61, 504-514	8.5	33
79	Potential Cardiovascular and Total Mortality Benefits of Air Pollution Control in Urban China. <i>Circulation</i> , 2017 , 136, 1575-1584	16.7	33
78	Genome-Wide Gene-Sodium Interaction Analyses on Blood Pressure: The Genetic Epidemiology Network of Salt-Sensitivity Study. <i>Hypertension</i> , 2016 , 68, 348-55	8.5	32
77	Incidence of type 2 diabetes and number of events attributable to abdominal obesity in China: A cohort study. <i>Journal of Diabetes</i> , 2016 , 8, 190-8	3.8	32
76	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	3.7	31
75	The 17-y spatiotemporal trend of PM and its mortality burden in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25601-25608	11.5	31
74	Satellite-based short- and long-term exposure to PM and adult mortality in urban Beijing, China. <i>Environmental Pollution</i> , 2018 , 242, 492-499	9.3	31
73	Genetic variants in the renin-angiotensin-aldosterone system and salt sensitivity of blood pressure. <i>Journal of Hypertension</i> , 2010 , 28, 1210-20	1.9	30
72	Association of Lipids With Ischemic and Hemorrhagic Stroke: A Prospective Cohort Study Among 267 500 Chinese. <i>Stroke</i> , 2019 , 50, 3376-3384	6.7	29
71	Plasma miR-122 and miR-3149 Potentially Novel Biomarkers for Acute Coronary Syndrome. <i>PLoS ONE</i> , 2015 , 10, e0125430	3.7	29
70	Associations of long-term exposure to ambient PM with mortality in Chinese adults: A pooled analysis of cohorts in the China-PAR project. <i>Environment International</i> , 2020 , 138, 105589	12.9	25
69	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
68	Usefulness of Low-Density Lipoprotein Cholesterol and Non-High-Density Lipoprotein Cholesterol as Predictors of Cardiovascular Disease in Chinese. <i>American Journal of Cardiology</i> , 2015 , 116, 1063-70	3	22
67	Association of alpha1A adrenergic receptor gene variants on chromosome 8p21 with human stage 2 hypertension. <i>Journal of Hypertension</i> , 2006 , 24, 1049-56	1.9	22
66	Estimating daily PM concentrations in New York City at the neighborhood-scale: Implications for integrating non-regulatory measurements. <i>Science of the Total Environment</i> , 2019 , 697, 134094	10.2	19

65	LncRNA ENST00000602558.1 regulates ABCG1 expression and cholesterol efflux from vascular smooth muscle cells through a p65-dependent pathway. <i>Atherosclerosis</i> , 2019 , 285, 31-39	3.1	19
64	Long-Term Effects of High Exposure to Ambient Fine Particulate Matter on Coronary Heart Disease Incidence: A Population-Based Chinese Cohort Study. <i>Environmental Science & Technology</i> , 2020 , 54, 6812-6821	10.3	19
63	Blood Pressure Genetic Risk Score Predicts Blood Pressure Responses to Dietary Sodium and Potassium: The GenSalt Study (Genetic Epidemiology Network of Salt Sensitivity). <i>Hypertension</i> , 2017 , 70, 1106-1112	8.5	18
62	Association of BMI with total mortality and recurrent stroke among stroke patients: A meta-analysis of cohort studies. <i>Atherosclerosis</i> , 2016 , 253, 94-101	3.1	17
61	The role of the kallikrein-kinin system genes in the salt sensitivity of blood pressure: the GenSalt Study. <i>American Journal of Epidemiology</i> , 2012 , 176 Suppl 7, S72-80	3.8	17
60	Ambient air pollution and body weight status in adults: A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2020 , 265, 114999	9.3	16
59	Genome-Wide Association and Functional Studies Identify and as Novel Susceptibility Genes for Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 964-975	9.4	15
58	A gene-based analysis of variants in the serum/glucocorticoid regulated kinase (SGK) genes with blood pressure responses to sodium intake: the GenSalt Study. <i>PLoS ONE</i> , 2014 , 9, e98432	3.7	15
57	Resequencing Epithelial Sodium Channel Genes Identifies Rare Variants Associated With Blood Pressure Salt-Sensitivity: The GenSalt Study. <i>American Journal of Hypertension</i> , 2018 , 31, 205-211	2.3	14
56	Associations Between Genetic Variants of NADPH Oxidase-Related Genes and Blood Pressure Responses to Dietary Sodium Intervention: The GenSalt Study. <i>American Journal of Hypertension</i> , 2017 , 30, 427-434	2.3	12
55	Genetic predisposition to higher blood pressure increases risk of incident hypertension and cardiovascular diseases in Chinese. <i>Hypertension</i> , 2015 , 66, 786-92	8.5	12
54	Predicting 10-Year and Lifetime Stroke Risk in Chinese Population. <i>Stroke</i> , 2019 , 50, 2371-2378	6.7	12
53	The Hypertension Risk Variant Rs820430 Functions as an Enhancer of SLC4A7. <i>American Journal of Hypertension</i> , 2017 , 30, 202-208	2.3	12
52	Associations of epithelial sodium channel genes with blood pressure changes and hypertension incidence: the GenSalt study. <i>American Journal of Hypertension</i> , 2014 , 27, 1370-6	2.3	12
51	Tea consumption and the risk of atherosclerotic cardiovascular disease and all-cause mortality: The China-PAR project. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1956-1963	3.9	12
50	Blood Pressure Reactivity to the Cold Pressor Test Predicts Hypertension Among Chinese Adults: The GenSalt Study. <i>American Journal of Hypertension</i> , 2015 , 28, 1347-54	2.3	11
49	Coding-sequence variants are associated with blood lipid levels in 14,473 Chinese. <i>Human Molecular Genetics</i> , 2016 , 25, 4107-4116	5.6	11
48	Human epithelial Na ⁺ channel missense variants identified in the GenSalt study alter channel activity. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F908-F914	4.3	11

47	Associations of NADPH oxidase-related genes with blood pressure changes and incident hypertension: The GenSalt Study. <i>Journal of Human Hypertension</i> , 2018 , 32, 287-293	2.6	10
46	Predicting lifetime risk for developing atherosclerotic cardiovascular disease in Chinese population: the China-PAR project. <i>Science Bulletin</i> , 2018 , 63, 779-787	10.6	10
45	Extreme levels of ambient air pollution adversely impact cardiac and central aortic hemodynamics: the AIRCMD-China study. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 754-761.e3		9
44	Genome-wide linkage and positional association analyses identify associations of novel AFF3 and NTM genes with triglycerides: the GenSalt study. <i>Journal of Genetics and Genomics</i> , 2015 , 42, 107-117	4	9
43	Down regulation of GALNT3 contributes to endothelial cell injury via activation of p38 MAPK signaling pathway. <i>Atherosclerosis</i> , 2016 , 245, 94-100	3.1	9
42	Resequencing Study Identifies Rare Renin-Angiotensin-Aldosterone System Variants Associated With Blood Pressure Salt-Sensitivity: The GenSalt Study. <i>American Journal of Hypertension</i> , 2017 , 30, 495-501	2.3	9
41	Associations of egg consumption with incident cardiovascular disease and all-cause mortality. <i>Science China Life Sciences</i> , 2020 , 63, 1317-1327	8.5	8
40	Associations of Variants in the CACNA1A and CACNA1C Genes With Longitudinal Blood Pressure Changes and Hypertension Incidence: The GenSalt Study. <i>American Journal of Hypertension</i> , 2016 , 29, 1301-1306	2.3	7
39	Associations of Renin-Angiotensin-Aldosterone System Genes With Blood Pressure Changes and Hypertension Incidence. <i>American Journal of Hypertension</i> , 2015 , 28, 1310-5	2.3	7
38	Variation in genes that regulate blood pressure are associated with glomerular filtration rate in Chinese. <i>PLoS ONE</i> , 2014 , 9, e92468	3.7	7
37	Association between long-term exposure to fine particulate matter and diabetic retinopathy among diabetic patients: A national cross-sectional study in China. <i>Environment International</i> , 2021 , 154, 106568	12.9	7
36	Chronic Effects of High Fine Particulate Matter Exposure on Lung Cancer in China. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1551-1559	10.2	6
35	Long-term exposure to ambient PM and stroke mortality among urban residents in northern China. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 213, 112063	7	6
34	Impact of healthy lifestyles on cancer risk in the Chinese population. <i>Cancer</i> , 2019 , 125, 2099-2106	6.4	6
33	Genome-Wide Gene-Potassium Interaction Analyses on Blood Pressure: The GenSalt Study (Genetic Epidemiology Network of Salt Sensitivity). <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		5
32	Genome-wide linkage and regional association study of blood pressure response to the cold pressor test in Han Chinese: the genetic epidemiology network of salt sensitivity study. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 521-8		5
31	Association of fasting glucose levels with incident atherosclerotic cardiovascular disease: An 8-year follow-up study in a Chinese population. <i>Journal of Diabetes</i> , 2017 , 9, 14-23	3.8	4
30	Associations of the Serum/Glucocorticoid Regulated Kinase Genes With BP Changes and Hypertension Incidence: The Gensalt Study. <i>American Journal of Hypertension</i> , 2017 , 30, 95-101	2.3	4

29	Ambulatory blood pressure and blood pressure load responses to low sodium intervention in Han Chinese population. <i>Clinical and Experimental Hypertension</i> , 2015 , 37, 551-6	2.2	3
28	Associations of Endothelial System Genes With Blood Pressure Changes and Hypertension Incidence: The GenSalt Study. <i>American Journal of Hypertension</i> , 2015 , 28, 780-8	2.3	3
27	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
26	Serum metabolites associate with lipid phenotypes among Bogalusa Heart Study participants. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 777-787	4.5	3
25	Functional analysis of single-nucleotide polymorphisms in the regulation of coactivator-associated arginine methyltransferase 1 expression and plasma homocysteine levels. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 642-9		3
24	The association between long-term exposure to ambient fine particulate matter and glaucoma: A nation-wide epidemiological study among Chinese adults. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 238, 113858	6.9	3
23	Fruit and vegetable consumption, cardiovascular disease, and all-cause mortality in China. <i>Science China Life Sciences</i> , 2021 , 1	8.5	3
22	A polygenic risk score improves risk stratification of coronary artery disease: a large-scale prospective Chinese cohort study.. <i>European Heart Journal</i> , 2022 ,	9.5	3
21	Response by Yang and Gu to Letter Regarding Article, "Predicting the 10-Year Risks of Atherosclerotic Cardiovascular Disease in Chinese Population: The China-PAR Project (Prediction for ASCVD Risk in China)". <i>Circulation</i> , 2017 , 135, e822-e823	16.7	2
20	Associations Between Genetic Variants of the Natriuretic Peptide System and Blood Pressure Response to Dietary Sodium Intervention: The GenSalt Study. <i>American Journal of Hypertension</i> , 2016 , 29, 397-404	2.3	2
19	Development and Validation of a Polygenic Risk Score for Stroke in the Chinese Population. <i>Neurology</i> , 2021 , 97, e619-e628	6.5	2
18	MiR-520b inhibits endothelial activation by targeting NF- κ B p65-VCAM1 axis. <i>Biochemical Pharmacology</i> , 2021 , 188, 114540	6	2
17	Impacts of Short-Term Fine Particulate Matter Exposure on Blood Pressure Were Modified by Control Status and Treatment in Hypertensive Patients. <i>Hypertension</i> , 2021 , 78, 174-183	8.5	2
16	Genetic variants of cGMP-dependent protein kinase genes and salt sensitivity of blood pressure: the GenSalt study. <i>Journal of Human Hypertension</i> , 2019 , 33, 62-68	2.6	2
15	Adverse associations of sedentary behavior with cancer incidence and all-cause mortality: A prospective cohort study. <i>Journal of Sport and Health Science</i> , 2021 , 10, 560-569	8.2	2
14	Long-term impacts of ambient fine particulate matter exposure on overweight or obesity in Chinese adults: The China-PAR project. <i>Environmental Research</i> , 2021 , 201, 111611	7.9	2
13	MicroRNA-320b Modulates Cholesterol Efflux and Atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021 ,	4	2
12	Central Blood Pressure Responses to Dietary Sodium and Potassium Interventions. <i>American Journal of Hypertension</i> , 2018 , 31, 582-589	2.3	1

11	Benefits of active commuting on cardiovascular health modified by ambient fine particulate matter in China: A prospective cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 224, 112641	7	1
10	Using genetics to assess the association of commonly used antihypertensive drugs with diabetes, glycaemic traits and lipids: a trans-ancestry Mendelian randomisation study.. <i>Diabetologia</i> , 2022 , 65, 695 ^{10.3}		0
9	Impacts of PM on Ambulatory Blood Pressure Monitoring Indicators Attenuated by Blood Pressure Control Status and Treatment - Two Cities and Two Municipalities, China, 2017-2019. <i>China CDC Weekly</i> , 2021 , 3, 948-953	4	0
8	Quantifying the association of low-intensity and late initiation of tobacco smoking with total and cause-specific mortality in Asia. <i>Tobacco Control</i> , 2021 , 30, 328-335	5.3	0
7	Association of Kir genes with blood pressure responses to dietary sodium intervention: the GenSalt study. <i>Hypertension Research</i> , 2018 , 41, 1045-1053	4.7	0
6	Association of short-term fine particulate matter exposure with pulmonary function in populations at intermediate to high-risk of cardiovascular disease: A panel study in three Chinese cities. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 220, 112397	7	0
5	Declines in heart rate variability associated with short-term PM exposure were modified by blood pressure control and treatment: A multi-city panel study in China. <i>Environmental Pollution</i> , 2021 , 287, 117572	9.3	0
4	Association of circulating branched-chain amino acids with risk of cardiovascular disease: A systematic review and meta-analysis.. <i>Atherosclerosis</i> , 2022 , 350, 90-96	3.1	0
3	Aggregate blood pressure responses to serial dietary sodium and potassium intervention: defining responses using independent component analysis. <i>BMC Genetics</i> , 2015 , 16, 64	2.6	
2	Effect of Dietary Sodium and Potassium Intervention on Blood Glucose. <i>FASEB Journal</i> , 2010 , 24, 739.2		0.9
1	Study design, general characteristics of participants, and preliminary findings from the metabolome, microbiome, and dietary salt intervention study (MetaSalt). <i>Chronic Diseases and Translational Medicine</i> , 2021 , 7, 227-234	3.9	