

# Dianjiaanyi Sun

## List of Publications by Year in Descending Order

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**Version:** 2024-04-20

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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.

95  
papers

1,817  
citations

22  
h-index

40  
g-index

121  
ext. papers

2,749  
ext. citations

6.9  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
95	The hospitalization burden of all-cause pneumonia in China: A population-based study, 2009-2017.. <i>The Lancet Regional Health - Western Pacific</i> , <b>2022</b> , 22, 100443	5	0
94	Interaction of Diet/Lifestyle Intervention and TCF7L2 Genotype on Glycemic Control and Adiposity among Overweight or Obese Adults: Big Data from Seven Randomized Controlled Trials Worldwide. <i>Health Data Science</i> , <b>2021</b> , 2021, 1-10		
93	Blood DNA methylation markers associated with type 2 diabetes, fasting glucose, and HbA1c levels: An epigenome-wide association study in 316 adult twin pairs. <i>Genomics</i> , <b>2021</b> , 113, 4206-4213	4.3	0
92	The Roles of Genetic and Early-Life Environmental Factors in the Association Between Overweight or Obesity and Hypertension: A Population-Based Twin Study. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 743962	5.7	0
91	Pneumonia hospitalizations and the subsequent risk of incident ischaemic cardiovascular disease in Chinese adults. <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 1698-1707	7.8	1
90	Genetically determined SCFA concentration modifies the association of dietary fiber intake with changes in bone mineral density during weight loss: The Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 42-48	7	0
89	Genome-wide analysis of DNA methylation and risk of cardiovascular disease in a Chinese population. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 240	2.3	0
88	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , <b>2021</b> , 22, 194	18.3	14
87	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , <b>2021</b> , 12, 3987	17.4	3
86	Joint Associations of Actual Age and Genetically Determined Age at Menarche With Risk of Mortality. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2115297	10.4	1
85	Perinatal exposure to maternal smoking and adulthood smoking behaviors in predicting cardiovascular diseases: A prospective cohort study. <i>Atherosclerosis</i> , <b>2021</b> , 328, 52-59	3.1	0
84	Adherence to Healthy Lifestyle and Attenuation of Biological Aging in Middle-Aged and Older Chinese Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 2232-2241	6.4	2
83	Educational attainment and drinking behaviors: Mendelian randomization study in UK Biobank. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4355-4366	15.1	10
82	Distinct genetic subtypes of adiposity and glycemic changes in response to weight-loss diet intervention: the POUNDS Lost trial. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 249-258	5.2	3
81	Maternal GDM Status, Genetically Determined Blood Glucose, and Offspring Obesity Risk: An Observational Study. <i>Obesity</i> , <b>2021</b> , 29, 204-212	8	0
80	Associations of Obesity Measurements with Serum Metabolomic Profile: A Chinese Twin Study. <i>Twin Research and Human Genetics</i> , <b>2021</b> , 24, 14-21	2.2	1
79	Alcohol Consumption Levels as Compared With Drinking Habits in Predicting All-Cause Mortality and Cause-Specific Mortality in Current Drinkers. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 1758-1769	6.4	2

78	Healthful plant-based dietary patterns, genetic risk of obesity, and cardiovascular risk in the UK biobank study. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 4694-4701	5.9	5
77	Blood Pressure and Left Ventricular Geometric Changes: A Directionality Analysis. <i>Hypertension</i> , <b>2021</b> , 78, 1259-1266	8.5	0
76	Lifestyle, cardiometabolic disease, and multimorbidity in a prospective Chinese study. <i>European Heart Journal</i> , <b>2021</b> , 42, 3374-3384	9.5	10
75	A Comparison of Preterm Birth Rate and Growth from Birth to 18 Years Old between in Vitro Fertilization and Spontaneous Conception of Twins. <i>Twin Research and Human Genetics</i> , <b>2021</b> , 24, 228-233 <sup>2</sup>		
74	Overweight and Risk of Type 2 Diabetes: A Prospective Chinese Twin Study. <i>Diabetes and Metabolism</i> , <b>2021</b> , 101278	5.4	0
73	Genetic susceptibility, plant-based dietary patterns, and risk of cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 220-228	7	14
72	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , <b>2020</b> , 76, 195-205	8.5	12
71	Changes of Branched-Chain Amino Acids and Ectopic Fat in Response to Weight-loss Diets: the POUNDS Lost Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	2
70	Glucosamine Use, Inflammation, and Genetic Susceptibility, and Incidence of Type 2 Diabetes: A Prospective Study in UK Biobank. <i>Diabetes Care</i> , <b>2020</b> , 43, 719-725	14.6	14
69	Sleep patterns, genetic susceptibility, and incident cardiovascular disease: a prospective study of 385 292 UK biobank participants. <i>European Heart Journal</i> , <b>2020</b> , 41, 1182-1189	9.5	67
68	Maternal smoking, genetic susceptibility, and birth-to-adulthood body weight. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 1330-1340	5.5	2
67	Frailty index and all-cause and cause-specific mortality in Chinese adults: a prospective cohort study. <i>Lancet Public Health</i> , <b>2020</b> , 5, e650-e660	22.4	25
66	Maternal Gestational Diabetes Mellitus Modifies the Relationship Between Genetically Determined Body Mass Index During Pregnancy and Childhood Obesity. <i>Mayo Clinic Proceedings</i> , <b>2020</b> , 95, 1877-1887	6.4	5
65	Habitual consumption of long-chain n-3 PUFAs and fish attenuates genetically associated long-term weight gain. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 665-673	7	15
64	Body Mass Index Drives Changes in DNA Methylation: A Longitudinal Study. <i>Circulation Research</i> , <b>2019</b> , 125, 824-833	15.7	22
63	Circulating Gut Microbiota Metabolite Trimethylamine N-Oxide (TMAO) and Changes in Bone Density in Response to Weight Loss Diets: The POUNDS Lost Trial. <i>Diabetes Care</i> , <b>2019</b> , 42, 1365-1371	14.6	15
62	Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 751-760	5.5	11
61	Genome-wide association study of breakfast skipping links clock regulation with food timing. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 473-484	7	22

60	Association of habitual glucosamine use with risk of cardiovascular disease: prospective study in UK Biobank. <i>BMJ, The</i> , <b>2019</b> , 365, l1628	5.9	31
59	Quality of life and patient satisfaction after submandibular gland transplantation in patients with severe dry eye disease. <i>Ocular Surface</i> , <b>2019</b> , 17, 470-475	6.5	3
58	Intake, Weight Loss, and Gut Microbiota: An Intervention Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2019</b> , 2019, 4643074	2.3	1
57	DNA methylation variant, B-vitamins intake and longitudinal change in body mass index. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 468-474	5.5	3
56	Gut microbiota metabolites, amino acid metabolites and improvements in insulin sensitivity and glucose metabolism: the POUNDS Lost trial. <i>Gut</i> , <b>2019</b> , 68, 263-270	19.2	71
55	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 759-768	7	12
54	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. <i>BMJ, The</i> , <b>2019</b> , 366, l4292	5.9	23
53	Genetic Susceptibility, Dietary Protein Intake, and Changes of Blood Pressure: The POUNDS Lost Trial. <i>Hypertension</i> , <b>2019</b> , 74, 1460-1467	8.5	4
52	DNA methylation-based estimator of telomere length. <i>Aging</i> , <b>2019</b> , 11, 5895-5923	5.6	69
51	Epigenome-wide association study of leukocyte telomere length. <i>Aging</i> , <b>2019</b> , 11, 5876-5894	5.6	4
50	1573-P: Branched-Chain Amino Acids, Dietary Protein, and Improvement in Hepatic Fat and Abdominal Fat Distribution in Weight-Loss Diet Intervention: The POUNDS Lost Trial. <i>Diabetes</i> , <b>2019</b> , 68, 1573-P	0.9	
49	2070-P: Role of Education Attainment in Obesity: A Two-Sample Mendelian Randomization Study. <i>Diabetes</i> , <b>2019</b> , 68, 2070-P	0.9	
48	Fish and marine fatty acids intakes, the genotypes and long-term weight gain: a prospective cohort study. <i>BMJ Open</i> , <b>2019</b> , 9, e022877	3	2
47	Chemerin-induced macrophages pyroptosis in fetal brain tissue leads to cognitive disorder in offspring of diabetic dams. <i>Journal of Neuroinflammation</i> , <b>2019</b> , 16, 226	10.1	4
46	Type 2 Diabetes and Hypertension. <i>Circulation Research</i> , <b>2019</b> , 124, 930-937	15.7	56
45	A circadian rhythm-related MTNR1B genetic variant modulates the effect of weight-loss diets on changes in adiposity and body composition: the POUNDS Lost trial. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 1381-1389	5.2	19
44	Gut-microbiome-related LCT genotype and 2-year changes in body composition and fat distribution: the POUNDS Lost Trial. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1565-1573	5.5	8
43	Gallstone disease and increased risk of mortality: Two large prospective studies in US men and women. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2018</b> , 33, 1925-1931	4	17

42	History of Asthma From Childhood and Arterial Stiffness in Asymptomatic Young Adults: The Bogalusa Heart Study. <i>Hypertension</i> , <b>2018</b> , 71, 928-936	8.5	4
41	HNF1A variant, energy-reduced diets and insulin resistance improvement during weight loss: The POUNDS Lost trial and DIRECT. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 1445-1452	6.7	13
40	Macronutrient-specific effect of the genotype on lipid levels in response to 2 year weight-loss diets. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 155-161	6.3	15
39	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 311-320	7.8	22
38	Changes in Gut Microbiota-Related Metabolites and Long-term Successful Weight Loss in Response to Weight-Loss Diets: The POUNDS Lost Trial. <i>Diabetes Care</i> , <b>2018</b> , 41, 413-419	14.6	40
37	Improving adherence to healthy dietary patterns, genetic risk, and long term weight gain: gene-diet interaction analysis in two prospective cohort studies. <i>BMJ, The</i> , <b>2018</b> , 360, j5644	5.9	69
36	Genetic, epigenetic and transcriptional variations at NFATC2IP locus with weight loss in response to diet interventions: The POUNDS Lost Trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2298-2303	6.7	14
35	Birthweight and cardiometabolic risk patterns in multiracial children. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 20-27	5.5	11
34	Prevalence and Trends in Gestational Diabetes Mellitus among Women in the United States, 2006-2016. <i>Diabetes</i> , <b>2018</b> , 67, 121-OR	0.9	15
33	Gut Microbiota Metabolites, Amino Acid Metabolites, and Improvements in Diabetes-Related Traits in the POUNDS Lost Trial. <i>Diabetes</i> , <b>2018</b> , 67, 297-OR	0.9	1
32	Diabetes Comorbidity and All-Cause, Cardiovascular, and Cancer Mortality in U.S. Adults. <i>Diabetes</i> , <b>2018</b> , 67, 1580-P	0.9	
31	Twenty-Year Secular Trend of Diabetes Comorbidities in the United States, 1997-2016. <i>Diabetes</i> , <b>2018</b> , 67, 1555-P	0.9	
30	Effect of Serum Adiponectin Levels on the Association Between Childhood Body Mass Index and Adulthood Carotid Intima-Media Thickness. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 579-583	3	7
29	Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 183-191	5.5	24
28	Genetically determined vitamin D levels and change in bone density during a weight-loss diet intervention: the Preventing Overweight Using Novel Dietary Strategies (POUNDS Lost) Trial. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 108, 1129-1134	7	5
27	A Systems Genetics Approach Identified GPD1L and its Molecular Mechanism for Obesity in Human Adipose Tissue. <i>Scientific Reports</i> , <b>2017</b> , 7, 1799	4.9	10
26	variant, long-chain n-3 PUFAs, and risk of nonfatal myocardial infarction in Costa Rican Hispanics. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 1198-1203	7	7
25	Genetic Variations of Circulating Adiponectin Levels Modulate Changes in Appetite in Response to Weight-Loss Diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 316-325	5.6	9

24	Genetic variation of habitual coffee consumption and glycemic changes in response to weight-loss diet intervention: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 1321-1326	7	6
23	Independent and Synergistic Associations of Biomarkers of Vitamin D Status With Risk of Coronary Heart Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 2204-2212	9.4	18
22	Genetic Susceptibility, Change in Physical Activity, and Long-term Weight Gain. <i>Diabetes</i> , <b>2017</b> , 66, 2704-2712	2.1	9
21	A History of Asthma From Childhood and Left Ventricular Mass in Asymptomatic Young Adults: The Bogalusa Heart Study. <i>JACC: Heart Failure</i> , <b>2017</b> , 5, 497-504	7.9	11
20	Starch Digestion-Related Amylase Genetic Variant Affects 2-Year Changes in Adiposity in Response to Weight-Loss Diets: The POUNDS Lost Trial. <i>Diabetes</i> , <b>2017</b> , 66, 2416-2423	0.9	24
19	Two-year changes in circulating adiponectin, ectopic fat distribution and body composition in response to weight-loss diets: the POUNDS Lost Trial. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 1723-1729	5.5	11
18	An epigenetic clock analysis of race/ethnicity, sex, and coronary heart disease. <i>Genome Biology</i> , <b>2016</b> , 17, 171	18.3	357
17	Temporal Relationship Between Childhood Body Mass Index and Insulin and Its Impact on Adult Hypertension: The Bogalusa Heart Study. <i>Hypertension</i> , <b>2016</b> , 68, 818-23	8.5	23
16	Childhood Risk Factors and Pregnancy-Induced Hypertension: The Bogalusa Heart Study. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1206-11	2.3	7
15	Temporal Relationship Between Elevated Blood Pressure and Arterial Stiffening Among Middle-Aged Black and White Adults: The Bogalusa Heart Study. <i>American Journal of Epidemiology</i> , <b>2016</b> , 183, 599-608	3.8	42
14	Association of DNA Methylation at CPT1A Locus with Metabolic Syndrome in the Genetics of Lipid Lowering Drugs and Diet Network (GOLDN) Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0145789	3.7	40
13	Insulin-sensitive adiposity is associated with a relatively lower risk of diabetes than insulin-resistant adiposity: the Bogalusa Heart Study. <i>Endocrine</i> , <b>2016</b> , 54, 93-100	4	5
12	Zinc-Associated Variant in SLC30A8 Gene Interacts With Gestational Weight Gain on Postpartum Glycemic Changes: A Longitudinal Study in Women With Prior Gestational Diabetes Mellitus. <i>Diabetes</i> , <b>2016</b> , 65, 3786-3793	0.9	3
11	Secondhand smoke exposure is associated with increased carotid artery intima-media thickness: the Bogalusa Heart Study. <i>Atherosclerosis</i> , <b>2015</b> , 240, 374-9	3.1	20
10	Tobacco smoking strengthens the association of elevated blood pressure with arterial stiffness: the Bogalusa Heart Study. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 266-74	1.9	24
9	Variability and rapid increase in body mass index during childhood are associated with adult obesity. <i>International Journal of Epidemiology</i> , <b>2015</b> , 44, 1943-50	7.8	18
8	Consumption of spicy foods and total and cause specific mortality: population based cohort study. <i>BMJ, The</i> , <b>2015</b> , 351, h3942	5.9	101
7	Gender-specific association between tobacco smoking and central obesity among 0.5 million Chinese people: the China Kadoorie Biobank Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124586	3.7	36

6	Impact of long-term burden of excessive adiposity and elevated blood pressure from childhood on adulthood left ventricular remodeling patterns: the Bogalusa Heart Study. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 1580-7	15.1	116
5	Uric acid is associated with metabolic syndrome in children and adults in a community: the Bogalusa Heart Study. <i>PLoS ONE</i> , <b>2014</b> , 9, e89696	3.7	30
4	Spicy food consumption is associated with adiposity measures among half a million Chinese people: the China Kadoorie Biobank study. <i>BMC Public Health</i> , <b>2014</b> , 14, 1293	4.1	26
3	The changes of nutrition labeling of packaged food in Hangzhou in China during 2008-2010. <i>PLoS ONE</i> , <b>2011</b> , 6, e28443	3.7	7
2	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
1	A population-based seroprevalence survey of severe acute respiratory syndrome coronavirus 2 infection in Beijing, China		1