

Dianjiaanyi Sun

List of Publications by Citations

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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	An epigenetic clock analysis of race/ethnicity, sex, and coronary heart disease. <i>Genome Biology</i> , 2016 , 17, 171	18.3	357
94	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> , 2014 , 64, 1580-7	15.1	116
93	Consumption of spicy foods and total and cause specific mortality: population based cohort study. <i>BMJ, The</i> , 2015 , 351, h3942	5.9	101
92	Gut microbiota metabolites, amino acid metabolites and improvements in insulin sensitivity and glucose metabolism: the POUNDS Lost trial. <i>Gut</i> , 2019 , 68, 263-270	19.2	71
91	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> , 2018 , 360, j5644	5.9	69
90	DNA methylation-based estimator of telomere length. <i>Aging</i> , 2019 , 11, 5895-5923	5.6	69
89	Sleep patterns, genetic susceptibility, and incident cardiovascular disease: a prospective study of 385 292 UK biobank participants. <i>European Heart Journal</i> , 2020 , 41, 1182-1189	9.5	67
88	Type 2 Diabetes and Hypertension. <i>Circulation Research</i> , 2019 , 124, 930-937	15.7	56
87	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> , 2016 , 183, 599-608	3.8	42
86	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> , 2018 , 41, 413-419	14.6	40
85	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> , 2016 , 11, e0145789	3.7	40
84	Gender-specific association between tobacco smoking and central obesity among 0.5 million Chinese people: the China Kadoorie Biobank Study. <i>PLoS ONE</i> , 2015 , 10, e0124586	3.7	36
83	Association of habitual glucosamine use with risk of cardiovascular disease: prospective study in UK Biobank. <i>BMJ, The</i> , 2019 , 365, l1628	5.9	31
82	Uric acid is associated with metabolic syndrome in children and adults in a community: the Bogalusa Heart Study. <i>PLoS ONE</i> , 2014 , 9, e89696	3.7	30
81	Spicy food consumption is associated with adiposity measures among half a million Chinese people: the China Kadoorie Biobank study. <i>BMC Public Health</i> , 2014 , 14, 1293	4.1	26
80	Frailty index and all-cause and cause-specific mortality in Chinese adults: a prospective cohort study. <i>Lancet Public Health, The</i> , 2020 , 5, e650-e660	22.4	25
79	Tobacco smoking strengthens the association of elevated blood pressure with arterial stiffness: the Bogalusa Heart Study. <i>Journal of Hypertension</i> , 2015 , 33, 266-74	1.9	24

78	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> , 2017 , 66, 2416-2423	0.9	24
77	Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. <i>Clinical Chemistry</i> , 2018 , 64, 183-191	5.5	24
76	Temporal Relationship Between Childhood Body Mass Index and Insulin and Its Impact on Adult Hypertension: The Bogalusa Heart Study. <i>Hypertension</i> , 2016 , 68, 818-23	8.5	23
75	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. <i>BMJ, The</i> , 2019 , 366, l4292	5.9	23
74	Body Mass Index Drives Changes in DNA Methylation: A Longitudinal Study. <i>Circulation Research</i> , 2019 , 125, 824-833	15.7	22
73	Genome-wide association study of breakfast skipping links clock regulation with food timing. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 473-484	7	22
72	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. <i>International Journal of Epidemiology</i> , 2018 , 47, 311-320	7.8	22
71	Secondhand smoke exposure is associated with increased carotid artery intima-media thickness: the Bogalusa Heart Study. <i>Atherosclerosis</i> , 2015 , 240, 374-9	3.1	20
70	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> , 2019 , 58, 1381-1389	5.2	19
69	Variability and rapid increase in body mass index during childhood are associated with adult obesity. <i>International Journal of Epidemiology</i> , 2015 , 44, 1943-50	7.8	18
68	Independent and Synergistic Associations of Biomarkers of Vitamin D Status With Risk of Coronary Heart Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 2204-2212	9.4	18
67	Gallstone disease and increased risk of mortality: Two large prospective studies in US men and women. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018 , 33, 1925-1931	4	17
66	Habitual consumption of long-chain n-3 PUFAs and fish attenuates genetically associated long-term weight gain. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 665-673	7	15
65	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> , 2019 , 42, 1365-1371	14.6	15
64	Macronutrient-specific effect of the genotype on lipid levels in response to 2 year weight-loss diets. <i>Journal of Lipid Research</i> , 2018 , 59, 155-161	6.3	15
63	Prevalence and Trends in Gestational Diabetes Mellitus among Women in the United States, 2006-2016. <i>Diabetes</i> , 2018 , 67, 121-OR	0.9	15
62	Genetic susceptibility, plant-based dietary patterns, and risk of cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 220-228	7	14
61	Glucosamine Use, Inflammation, and Genetic Susceptibility, and Incidence of Type 2 Diabetes: A Prospective Study in UK Biobank. <i>Diabetes Care</i> , 2020 , 43, 719-725	14.6	14

60	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> , 2018 , 20, 2298-2303	6.7	14
59	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021 , 22, 194	18.3	14
58	HNF1A variant, energy-reduced diets and insulin resistance improvement during weight loss: The POUNDS Lost trial and DIRECT. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1445-1452	6.7	13
57	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020 , 76, 195-205	8.5	12
56	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 759-768	7	12
55	Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. <i>Clinical Chemistry</i> , 2019 , 65, 751-760	5.5	11
54	Birthweight and cardiometabolic risk patterns in multiracial children. <i>International Journal of Obesity</i> , 2018 , 42, 20-27	5.5	11
53	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> , 2016 , 40, 1723-1729	5.5	11
52	A History of Asthma From Childhood and Left Ventricular Mass in Asymptomatic Young Adults: The Bogalusa Heart Study. <i>JACC: Heart Failure</i> , 2017 , 5, 497-504	7.9	11
51	A Systems Genetics Approach Identified GPD1L and its Molecular Mechanism for Obesity in Human Adipose Tissue. <i>Scientific Reports</i> , 2017 , 7, 1799	4.9	10
50	Educational attainment and drinking behaviors: Mendelian randomization study in UK Biobank. <i>Molecular Psychiatry</i> , 2021 , 26, 4355-4366	15.1	10
49	Lifestyle, cardiometabolic disease, and multimorbidity in a prospective Chinese study. <i>European Heart Journal</i> , 2021 , 42, 3374-3384	9.5	10
48	Genetic Variations of Circulating Adiponectin Levels Modulate Changes in Appetite in Response to Weight-Loss Diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 316-325	5.6	9
47	Genetic Susceptibility, Change in Physical Activity, and Long-term Weight Gain. <i>Diabetes</i> , 2017 , 66, 2704-2712	7.12	9
46	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> , 2018 , 42, 1565-1573	5.5	8
45	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8
44	variant, long-chain n-3 PUFAs, and risk of nonfatal myocardial infarction in Costa Rican Hispanics. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1198-1203	7	7
43	Childhood Risk Factors and Pregnancy-Induced Hypertension: The Bogalusa Heart Study. <i>American Journal of Hypertension</i> , 2016 , 29, 1206-11	2.3	7

42	The changes of nutrition labeling of packaged food in Hangzhou in China during 2008-2010. <i>PLoS ONE</i> , 2011 , 6, e28443	3.7	7
41	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> , 2018 , 121, 579-583	3	7
40	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> , 2017 , 106, 1321-1326	7	6
39	Maternal Gestational Diabetes Mellitus Modifies the Relationship Between Genetically Determined Body Mass Index During Pregnancy and Childhood Obesity. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1877-1887	6.4	5
38	Insulin-sensitive adiposity is associated with a relatively lower risk of diabetes than insulin-resistant adiposity: the Bogalusa Heart Study. <i>Endocrine</i> , 2016 , 54, 93-100	4	5
37	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> , 2018 , 108, 1129-1134	7	5
36	Healthful plant-based dietary patterns, genetic risk of obesity, and cardiovascular risk in the UK biobank study. <i>Clinical Nutrition</i> , 2021 , 40, 4694-4701	5.9	5
35	History of Asthma From Childhood and Arterial Stiffness in Asymptomatic Young Adults: The Bogalusa Heart Study. <i>Hypertension</i> , 2018 , 71, 928-936	8.5	4
34	Genetic Susceptibility, Dietary Protein Intake, and Changes of Blood Pressure: The POUNDS Lost Trial. <i>Hypertension</i> , 2019 , 74, 1460-1467	8.5	4
33	Epigenome-wide association study of leukocyte telomere length. <i>Aging</i> , 2019 , 11, 5876-5894	5.6	4
32	Chemerin-induced macrophages pyroptosis in fetal brain tissue leads to cognitive disorder in offspring of diabetic dams. <i>Journal of Neuroinflammation</i> , 2019 , 16, 226	10.1	4
31	Quality of life and patient satisfaction after submandibular gland transplantation in patients with severe dry eye disease. <i>Ocular Surface</i> , 2019 , 17, 470-475	6.5	3
30	DNA methylation variant, B-vitamins intake and longitudinal change in body mass index. <i>International Journal of Obesity</i> , 2019 , 43, 468-474	5.5	3
29	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3
28	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> , 2016 , 65, 3786-3793	0.9	3
27	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> , 2021 , 60, 249-258	5.2	3
26	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> , 2020 , 105,	5.6	2
25	Maternal smoking, genetic susceptibility, and birth-to-adulthood body weight. <i>International Journal of Obesity</i> , 2020 , 44, 1330-1340	5.5	2

24	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> , 2021 , 76, 2232-2241	6.4	2
23	Fish and marine fatty acids intakes, the genotypes and long-term weight gain: a prospective cohort study. <i>BMJ Open</i> , 2019 , 9, e022877	3	2
22	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> , 2021 , 96, 1758-1769	6.4	2
21	Intake, Weight Loss, and Gut Microbiota: An Intervention Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 4643074	2.3	1
20	Gut Microbiota Metabolites, Amino Acid Metabolites, and Improvements in Diabetes-Related Traits in the POUNDS Lost Trial. <i>Diabetes</i> , 2018 , 67, 297-OR	0.9	1
19	A population-based seroprevalence survey of severe acute respiratory syndrome coronavirus 2 infection in Beijing, China		1
18	Pneumonia hospitalizations and the subsequent risk of incident ischaemic cardiovascular disease in Chinese adults. <i>International Journal of Epidemiology</i> , 2021 , 50, 1698-1707	7.8	1
17	Joint Associations of Actual Age and Genetically Determined Age at Menarche With Risk of Mortality. <i>JAMA Network Open</i> , 2021 , 4, e2115297	10.4	1
16	Associations of Obesity Measurements with Serum Metabolomic Profile: A Chinese Twin Study. <i>Twin Research and Human Genetics</i> , 2021 , 24, 14-21	2.2	1
15	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> , 2021 , 113, 4206-4213	4.3	0
14	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> , 2021 , 12, 743962	5.7	0
13	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> , 2021 , 114, 42-48	7	0
12	Genome-wide analysis of DNA methylation and risk of cardiovascular disease in a Chinese population. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 240	2.3	0
11	Perinatal exposure to maternal smoking and adulthood smoking behaviors in predicting cardiovascular diseases: A prospective cohort study. <i>Atherosclerosis</i> , 2021 , 328, 52-59	3.1	0
10	Maternal GDM Status, Genetically Determined Blood Glucose, and Offspring Obesity Risk: An Observational Study. <i>Obesity</i> , 2021 , 29, 204-212	8	0
9	Blood Pressure and Left Ventricular Geometric Changes: A Directionality Analysis. <i>Hypertension</i> , 2021 , 78, 1259-1266	8.5	0
8	Overweight and Risk of Type 2 Diabetes: A Prospective Chinese Twin Study. <i>Diabetes and Metabolism</i> , 2021 , 101278	5.4	0
7	The hospitalization burden of all-cause pneumonia in China: A population-based study, 2009-2017.. <i>The Lancet Regional Health - Western Pacific</i> , 2022 , 22, 100443	5	0

- 6 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. *Health Data Science*, **2021**, 2021, 1-10
- 5 Diabetes Comorbidity and All-Cause, Cardiovascular, and Cancer Mortality in U.S. Adults. *Diabetes*, **2018**, 67, 1580-P 0.9
- 4 Twenty-Year Secular Trend of Diabetes Comorbidities in the United States, 1997-2016. *Diabetes*, **2018**, 67, 1555-P 0.9
- 3 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. *Diabetes*, **2019**, 68, 1573-P 0.9
- 2 2070-P: Role of Education Attainment in Obesity: A Two-Sample Mendelian Randomization Study. *Diabetes*, **2019**, 68, 2070-P 0.9
- 1 A Comparison of Preterm Birth Rate and Growth from Birth to 18 Years Old between in Vitro Fertilization and Spontaneous Conception of Twins. *Twin Research and Human Genetics*, **2021**, 24, 228-233^{2,2}