Jinying Zhao

List of Publications by Year
in descending order

53 papers	1,525 citations	394421 19 h-index	330143 37 g-index
55 all docs	55 docs citations	55 times ranked	3298 citing authors

#	Article	IF	Citations
1	Gut Microbiome Associates With Lifetime Cardiovascular Disease Risk Profile Among Bogalusa Heart Study Participants. Circulation Research, 2016, 119, 956-964.	4.5	264
2	Short Leukocyte Telomere Length Predicts Risk of Diabetes in American Indians: the Strong Heart Family Study. Diabetes, 2014, 63, 354-362.	0.6	133
3	Association Between Promoter Methylation of Serotonin Transporter Gene and Depressive Symptoms. Psychosomatic Medicine, 2013, 75, 523-529.	2.0	106
4	A genome‑wide profiling of brain DNA hydroxymethylation in Alzheimer's disease. Alzheimer's and Dementia, 2017, 13, 674-688.	0.8	83
5	Brain and blood metabolome for Alzheimer's dementia: findings from a targeted metabolomics analysis. Neurobiology of Aging, 2020, 86, 123-133.	3.1	83
6	Telomere Shortening, Regenerative Capacity, and Cardiovascular Outcomes. Circulation Research, 2017, 120, 1130-1138.	4.5	59
7	Short leukocyte telomere length is associated with obesity in American Indians: The strong heart family study. Aging, 2014, 6, 380-389.	3.1	59
8	Short leukocyte telomere length predicts incidence and progression of carotid atherosclerosis in American Indians: The Strong Heart Family Study. Aging, 2014, 6, 414-427.	3.1	59
9	Heritability of carotid intima-media thickness: A twin study. Atherosclerosis, 2008, 197, 814-820.	0.8	54
10	Genome-wide profiling of DNA methylome and transcriptome in peripheral blood monocytes for major depression: A Monozygotic Discordant Twin Study. Translational Psychiatry, 2019, 9, 215.	4.8	49
11	Shared Causal Paths underlying Alzheimer's dementia and Type 2 Diabetes. Scientific Reports, 2020, 10, 4107.	3.3	37
12	Design and methodology challenges of environment-wide association studies: A systematic review. Environmental Research, 2020, 183, 109275.	7.5	30
13	Processed Meat, but Not Unprocessed Red Meat, Is Inversely Associated with Leukocyte Telomere Length in the Strong Heart Family Study. Journal of Nutrition, 2016, 146, 2013-2018.	2.9	28
14	DNA methylation variability in Alzheimer's disease. Neurobiology of Aging, 2019, 76, 35-44.	3.1	25
15	Smoking-attributable mortality in American Indians: findings from the Strong Heart Study. European Journal of Epidemiology, 2015, 30, 553-561.	5.7	24
16	Leukocyte telomere length and ideal cardiovascular health in American Indians: the Strong Heart Family Study. European Journal of Epidemiology, 2017, 32, 67-75.	5.7	24
17	Blood DNA Methylation and Incident Coronary Heart Disease. JAMA Cardiology, 2021, 6, 1237.	6.1	24
18	Relationship between plasma plasminogen activator inhibitor-1 and hypertension in American Indians. Journal of Hypertension, 2017, 35, 1787-1793.	0.5	23

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19	Urinary metals and leukocyte telomere length in American Indian communities: The Strong Heart and the Strong Heart Family Study. Environmental Pollution, 2019, 246, 311-318.	7.5	23
20	DNA Methylation of Five Core Circadian Genes Jointly Contributes to Glucose Metabolism: A Gene-Set Analysis in Monozygotic Twins. Frontiers in Genetics, 2019, 10, 329.	2.3	20
21	An external exposome-wide association study of hypertensive disorders of pregnancy. Environment International, 2020, 141, 105797.	10.0	20
22	Arsenic Exposure, Blood DNA Methylation, and Cardiovascular Disease. Circulation Research, 2022, 131, .	4.5	20
23	MAOA promoter methylation and susceptibility to carotid atherosclerosis: role of familial factors in a monozygotic twin sample. BMC Medical Genetics, 2012, 13, 100.	2.1	19
24	An investigation of racial/ethnic and sex differences in the association between experiences of everyday discrimination and leukocyte telomere length among patients with coronary artery disease. Psychoneuroendocrinology, 2019, 106, 122-128.	2.7	19
25	Promoter methylation of glucocorticoid receptor gene is associated with subclinical atherosclerosis: A monozygotic twin study. Atherosclerosis, 2015, 242, 71-76.	0.8	18
26	Telomere Length and Magnetic Resonance Imaging Findings of Vascular Brain Injury and Central Brain Atrophy. American Journal of Epidemiology, 2018, 187, 1231-1239.	3.4	18
27	Telomere length and cancer mortality in American Indians: the Strong Heart Study. GeroScience, 2019, 41, 351-361.	4.6	18
28	Physical activity and telomere length in American Indians: the Strong Heart Study. European Journal of Epidemiology, 2018, 33, 497-500.	5.7	15
29	Perinatal Exposure to Western Diet Programs Autonomic Dysfunction in the Male Offspring. Cellular and Molecular Neurobiology, 2018, 38, 233-242.	3.3	15
30	Leukotriene A4 hydrolase haplotype, diet and atherosclerosis: A twin study. Atherosclerosis, 2013, 226, 238-244.	0.8	14
31	An atlas of metallome and metabolome interactions and associations with incident diabetes in the Strong Heart Family Study. Environment International, 2021, 157, 106810.	10.0	14
32	Identifying Multi-Omics Causers and Causal Pathways for Complex Traits. Frontiers in Genetics, 2019, 10, 110.	2.3	13
33	Longitudinal Plasma Lipidome and Risk of Type 2 Diabetes in a Large Sample of American Indians With Normal Fasting Glucose: The Strong Heart Family Study. Diabetes Care, 2021, 44, 2664-2672.	8.6	13
34	Monoamine Oxidase A Genotype, Childhood Trauma, and Subclinical Atherosclerosis. Psychosomatic Medicine, 2013, 75, 471-477.	2.0	9
35	Genome-Wide Geneâ€"Potassium Interaction Analyses on Blood Pressure. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	9
36	Lipidomic profiling in the Strong Heart Study identified American Indians at risk of chronic kidney disease. Kidney International, 2022, 102, 1154-1166.	5.2	9

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37	Leukotriene haplotypeÂÃ—Âdiet interaction on carotid artery hypertrophy and atherosclerosis in American Indians: The Strong Heart Family Study. Atherosclerosis, 2014, 233, 165-171.	0.8	8
38	Proportional Hazards Model with a Change Point for Clustered Event Data. Biometrics, 2017, 73, 835-845.	1.4	8
39	Metabolic Profiling of Cognitive Aging in Midlife. Frontiers in Aging Neuroscience, 2020, 12, 555850.	3.4	8
40	Human Brain and Blood N-Glycome Profiling in Alzheimerâ€™s Disease and Alzheimerâ€™s Disease-Related Dementias. Frontiers in Aging Neuroscience, 2021, 13, 765259.	3.4	8
41	Analysis and Comparison of Mouse and Human Brain Gangliosides via Two-Stage Matching of MS/MS Spectra. ACS Omega, 2022, 7, 6403-6411.	3.5	7
42	Study Design and Rationale for the Mood and Methylation Study: A Platform for Multi-Omics Investigation of Depression in Twins. Twin Research and Human Genetics, 2018, 21, 507-513.	0.6	6
43	Depressive symptoms are associated with leukocyte telomere length in American Indians: findings from the Strong Heart Family Study. Aging, 2016, 8, 2961-2970.	3.1	6
44	Methylation biomarkers of polybrominated diphenyl ethers (PBDEs) and association with breast cancer risk at the time of menopause. Environment International, 2021, 156, 106772.	10.0	5
45	Integrating mean and variance heterogeneities to identify differentially expressed genes. BMC Bioinformatics, 2016, 17, 497.	2.6	4
46	Two-Way Horizontal and Vertical Omics Integration for Disease Subtype Discovery. Statistics in Biosciences, 2020, 12, 1-22.	1.2	4
47	Metabolites Associated with Early Cognitive Changes Implicated in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2021, 79, 1041-1054.	2.6	4
48	Identifying Rare Variant Associations in Admixed Populations. Scientific Reports, 2019, 9, 5458.	3.3	3
49	Associations between Vitamin D, Omega 6:Omega 3 Ratio, and Biomarkers of Aging in Individuals Living with and without Chronic Pain. Nutrients, 2022, 14, 266.	4.1	2
50	Ambient Air Pollution and Preeclampsia. Hypertension, 2020, 75, 618-619.	2.7	1
51	High-Order Association Mapping for Expression Quantitative Trait Loci. Methods in Molecular Biology, 2020, 2082, 147-155.	0.9	0
52	Abstract 16704: Leukocyte Telomere Length and Risk of Stroke: The Strong Heart Family Study. Circulation, 2020, 142, .	1.6	0
53	Abstract 11325: Lipidomics Profiling of Risk for Subclinical Atherosclerosis: A Longitudinal Study in American Indians in the Strong Heart Study. Circulation, 2021, 144, .	1.6	0