Jianwen Cai

List of Publications by Year
in descending order

121 papers	3,989 citations	201385 27 h-index	138251 58 g-index
128 all docs	128 docs citations	128 times ranked	7054 citing authors

#	Article	IF	Citations
1	Prevalence of Major Cardiovascular Risk Factors and Cardiovascular Diseases Among Hispanic/Latino Individuals of Diverse Backgrounds in the United States. JAMA - Journal of the American Medical Association, 2012, 308, 1775.	3.8	726
2	Modelling recurrent events: a tutorial for analysis in epidemiology. International Journal of Epidemiology, 2015, 44, 324-333.	0.9	342
3	Some Graphical Displays and Marginal Regression Analyses for Recurrent Failure Times and Time Dependent Covariates. Journal of the American Statistical Association, 1993, 88, 811-820.	1.8	235
4	Use of >100,000 NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium whole genome sequences improves imputation quality and detection of rare variant associations in admixed African and Hispanic/Latino populations. PLoS Genetics, 2019, 15, e1008500.	1.5	203
5	Depression, anxiety, antidepressant use, and cardiovascular disease among Hispanic men and women of different national backgrounds: results from the Hispanic Community Health Study/Study of Latinos. Annals of Epidemiology, 2014, 24, 822-830.	0.9	155
6	Breast Cancer Risk After Recent Childbirth. Annals of Internal Medicine, 2019, 170, 22.	2.0	120
7	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. Nature Communications, 2019, 10, 29.	5.8	113
8	Sample Size/Power Calculation for Case-Cohort Studies. Biometrics, 2004, 60, 1015-1024.	0.8	92
9	Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. PLoS Genetics, 2017, 13, e1006728.	1.5	88
10	Objectively Measured Sedentary Time and Cardiometabolic Biomarkers in US Hispanic/Latino Adults. Circulation, 2015, 132, 1560-1569.	1.6	85
11	Variable selection for multivariate failure time data. Biometrika, 2005, 92, 303-316.	1.3	83
12	A semiparametric additive rates model for recurrent event data. Lifetime Data Analysis, 2006, 12, 389-406.	0.4	81
13	Marginal Means/Rates Models for Multiple Type Recurrent Event Data. Lifetime Data Analysis, 2004, 10, 121-138.	0.4	76
14	Prevalence of Optimal Metabolic Health in American Adults: National Health and Nutrition Examination Survey 2009â€"2016. Metabolic Syndrome and Related Disorders, 2019, 17, 46-52.	0.5	69
15	Trans-ethnic Fine Mapping Highlights Kidney-Function Genes Linked to Salt Sensitivity. American Journal of Human Genetics, 2016, 99, 636-646.	2.6	67
16	A semiparametric additive rate model for recurrent events with an informative terminal event. Biometrika, 2010, 97, 699-712.	1.3	58
17	Body Mass Index, Sex, and Cardiovascular Disease Risk Factors Among Hispanic/Latino Adults: Hispanic Community Health Study/Study of Latinos. Journal of the American Heart Association, 2014, 3, .	1.6	51
18	Partially Linear Hazard Regression for Multivariate Survival Data. Journal of the American Statistical Association, 2007, 102, 538-551.	1.8	50

#	Article	IF	Citations
19	A Genome-wide Association Study Discovers 46 Loci of the Human Metabolome in the Hispanic Community Health Study/Study of Latinos. American Journal of Human Genetics, 2020, 107, 849-863.	2.6	48
20	Simultaneous Modelling of Survival and Longitudinal Data with an Application to Repeated Quality of Life Measures. Lifetime Data Analysis, 2005, 11, 151-174.	0.4	44
21	Regression methods for gap time hazard functions of sequentially ordered multivariate failure time data. Biometrika, 2004, 91, 291-303.	1.3	43
22	Power Calculation for Case-Cohort Studies with Nonrare Events. Biometrics, 2007, 63, 1288-1295.	0.8	43
23	Sex difference in the association between obesity and asthma in U.S. adults: Findings from a national study. Respiratory Medicine, 2015, 109, 955-962.	1.3	40
24	Case–Cohort Analysis with Accelerated Failure Time Model. Biometrics, 2009, 65, 135-142.	0.8	36
25	Case-cohort analysis of brain cancer and leukemia in electric utility workers using a refined magnetic field job-exposure matrix. American Journal of Industrial Medicine, 2000, 38, 417-425.	1.0	33
26	Admixture Mapping Identifies an Amerindian Ancestry Locus Associated with Albuminuria in Hispanics in the United States. Journal of the American Society of Nephrology: JASN, 2017, 28, 2211-2220.	3.0	33
27	Additive–multiplicative rates model for recurrent events. Lifetime Data Analysis, 2010, 16, 353-373.	0.4	32
28	Dietary factors, gut microbiota, and serum trimethylamine-N-oxide associated with cardiovascular disease in the Hispanic Community Health Study/Study of Latinos. American Journal of Clinical Nutrition, 2021, 113, 1503-1514.	2.2	32
29	Association of Impaired Glucose Regulation and Insulin Resistance With Cardiac Structure and Function. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	29
30	Associations of variants In the hexokinase 1 and interleukin 18 receptor regions with oxyhemoglobin saturation during sleep. PLoS Genetics, 2019, 15, e1007739.	1.5	28
31	Nonparametric Quantile Estimation with Correlated Failure Time Data. Lifetime Data Analysis, 2003, 9, 357-371.	0.4	26
32	Kappa statistic for clustered dichotomous responses from physicians and patients. Statistics in Medicine, 2013, 32, 3700-3719.	0.8	26
33	Tests of trend between disease outcomes and ordinal covariates discretized from underlying continuous variables: simulation studies and applications to NHANES 2007–2008. BMC Medical Research Methodology, 2019, 19, 2.	1.4	24
34	Diabetes, Cognitive Decline, and Mild Cognitive Impairment Among Diverse Hispanics/Latinos: Study of Latinos–Investigation of Neurocognitive Aging Results (HCHS/SOL). Diabetes Care, 2020, 43, 1111-1117.	4.3	24
35	Permutation tests for comparing marginal survival functions with clustered failure time data. Statistics in Medicine, 2000, 19, 2963-2973.	0.8	23
36	Estimated Pseudopartial–Likelihood Method for Correlated Failure Time Data with Auxiliary Covariates. Biometrics, 2009, 65, 1184-1193.	0.8	23

#	Article	IF	Citations
37	American Ancestry Is a Risk Factor for Suspected Nonalcoholic Fatty Liver Disease in Hispanic/Latino Adults. Clinical Gastroenterology and Hepatology, 2019, 17, 2301-2309.	2.4	23
38	Hispanics/Latinos With Type 2 Diabetes Have Functional and Symptomatic Pulmonary Impairment Mirroring Kidney Microangiopathy: Findings From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Diabetes Care, 2016, 39, 2051-2057.	4.3	22
39	Estimating effect of environmental contaminants on women's subfecundity for the MoBa study data with an outcome-dependent sampling scheme. Biostatistics, 2014, 15, 636-650.	0.9	21
40	Longitudinal study of acculturation and BMI change among Asian American men. Preventive Medicine, 2015, 73, 15-21.	1.6	21
41	Association of food parenting practice patterns with obesogenic dietary intake in Hispanic/Latino youth: Results from the Hispanic Community Children's Health Study/Study of Latino Youth (SOL) Tj ETQq1 1 0.784314 rgBT /Overloc	4.3	21
42	Additive Mixed Effect Model for Clustered Failure Time Data. Biometrics, 2011, 67, 1340-1351.	0.8	20
43	Comparison of Echocardiographic Measures in a Hispanic/Latino Population With the 2005 and 2015 American Society of Echocardiography Reference Limits (The Echocardiographic Study of Latinos). Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	20
44	Total Cholesterol and Mortality in China, Poland, Russia, and the US. Annals of Epidemiology, 2004, 14, 399-408.	0.9	18
45	Bootstrap analysis of multivariate failure time data. Statistics in Medicine, 2005, 24, 3387-3400.	0.8	18
46	Association of self-reported physical activity with obstructive sleep apnea: Results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Preventive Medicine, 2016, 93, 183-188.	1.6	18
47	Sex Differences in Associations of Adiposity Measures and Insulin Resistance in US Hispanic/Latino Youth: The Hispanic Community Children's Health Study/Study of Latino Youth (SOL Youth). Journal of Clinical Endocrinology and Metabolism, 2016, 102, jc.2016-2279.	1.8	17
48	Association of Mediterranean Diet With Cognitive Decline Among Diverse Hispanic or Latino Adults From the Hispanic Community Health Study/Study of Latinos. JAMA Network Open, 2022, 5, e2221982.	2.8	17
49	Robust Covariate‐Adjusted Log‐Rank Statistics and Corresponding Sample Size Formula for Recurrent Events Data. Biometrics, 2008, 64, 741-750.	0.8	16
50	Marginal additive hazards model for case-cohort studies with multiple disease outcomes: an application to the Atherosclerosis Risk in Communities (ARIC) study. Biostatistics, 2013, 14, 28-41.	0.9	16
51	Variable selection for case-cohort studies with failure time outcome. Biometrika, 2016, 103, 547-562.	1.3	16
52	Tea consumption and breast cancer risk in a cohort of women with family history of breast cancer. International Journal of Cancer, 2020, 147, 876-886.	2.3	16
53	Menopause Is Associated with an Altered Gut Microbiome and Estrobolome, with Implications for Adverse Cardiometabolic Risk in the Hispanic Community Health Study/Study of Latinos. MSystems, 2022, 7, .	1.7	16
54	Multiple imputation methods for recurrent event data with missing event category. Canadian Journal of Statistics, 2006, 34, 677-692.	0.6	15

#	Article	IF	Citations
55	Anthropometric indices as measures of body fat assessed by DXA in relation to cardiovascular risk factors in children and adolescents: NHANES 1999-2004. International Journal of Body Composition Research, 2013, 11, 85-96.	0.5	15
56	Improving Trial Generalizability Using Observational Studies. Biometrics, 2023, 79, 1213-1225.	0.8	15
57	Association of Subjective Social Status With Life's Simple 7s Cardiovascular Health Index Among Hispanic/Latino People: Results From the HCHS/SOL. Journal of the American Heart Association, 2021, 10, e012704.	1.6	14
58	Additive transformation models for clustered failure time data. Lifetime Data Analysis, 2010, 16, 333-352.	0.4	12
59	The Association of Diabetes and Obesity With Prostate Cancer Progression: HCaPâ€NC. Prostate, 2017, 77, 878-887.	1.2	12
60	The association of periodontal disease and cardiovascular disease risk: Results from the Hispanic Community Health Study/Study of Latinos. Journal of Periodontology, 2018, 89, 840-857.	1.7	12
61	Defining Abdominal Obesity as a Risk Factor for Coronary Heart Disease in the U.S.: Results From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Diabetes Care, 2020, 43, 1774-1780.	4.3	12
62	Associations of Insulin Resistance With Systolic and Diastolic Blood Pressure: A Study From the HCHS/SOL. Hypertension, 2021, 78, 716-725.	1.3	12
63	Comparison of Eight Equations That Predict Percent Body Fat Using Skinfolds in American Youth. Childhood Obesity, 2016, 12, 314-323.	0.8	10
64	The association of diabetes and obesity with prostate cancer aggressiveness among Black Americans and White Americans in a population-based study. Cancer Causes and Control, 2016, 27, 1475-1485.	0.8	10
65	Detecting prediabetes among Hispanics/Latinos from diverse heritage groups: Does the test matter? Findings from the Hispanic Community Health Study/Study of Latinos. Preventive Medicine, 2017, 95, 110-118.	1.6	10
66	Genome-Wide Admixture Mapping of Estimated Glomerular Filtration Rate and Chronic Kidney Disease Identifies European and African Ancestry-of-Origin Loci in Hispanic and Latino Individuals in the United States. Journal of the American Society of Nephrology: JASN, 2022, 33, 77-87.	3.0	10
67	A statistical model for the evaluation of barrier contraceptive efficacy. Statistics in Medicine, 2001, 20, 3279-3294.	0.8	9
68	Recent progresses in outcome-dependent sampling with failure time data. Lifetime Data Analysis, 2017, 23, 57-82.	0.4	9
69	Childhood and adult exposure to secondhand tobacco smoke and cardiac structure and function: results from Echo-SOL. Open Heart, 2018, 5, e000831.	0.9	9
70	Empirically Derived Dietary Patterns Using Robust Profile Clustering in the Hispanic Community Health Study/Study of Latinos. Journal of Nutrition, 2020, 150, 2825-2834.	1.3	9
71	Long-Term Exposure to Ambient Air Pollution and Cognitive Function Among Hispanic/Latino Adults in San Diego, California. Journal of Alzheimer's Disease, 2021, 79, 1489-1496.	1.2	9
72	BMI and all-cause mortality among Chinese and Caucasians: the People's Republic of China and the Atherosclerosis Risk in Communities Studies. Asia Pacific Journal of Clinical Nutrition, 2015, 24, 472-9.	0.3	9

#	Article	IF	Citations
73	Miscellanea. On case-control sampling of clustered data. Biometrika, 1997, 84, 983-986.	1.3	8
74	A Random Effects Model for Multivariate Failure Time Data from Multicenter Clinical Trials. Biometrics, 1999, 55, 182-189.	0.8	8
75	Semiparametric inference for data with a continuous outcome from a two-phase probability-dependent sampling scheme. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2014, 76, 197-215.	1.1	8
76	Proportional Hazards Model with a Change Point for Clustered Event Data. Biometrics, 2017, 73, 835-845.	0.8	8
77	Analysis of Multiple Survival Events in Generalized Case-Cohort Designs. Biometrics, 2018, 74, 1250-1260.	0.8	8
78	Marginal Hazards Regression for Retrospective Studies within Cohort with Possibly Correlated Failure Time Data. Biometrics, 2009, 65, 405-414.	0.8	7
79	Outcome-dependent sampling design and inference for Cox's proportional hazards Model. Journal of Statistical Planning and Inference, 2016, 178, 24-36.	0.4	7
80	Environmental tobacco smoke exposure and periodontitis prevalence among nonsmokers in the hispanic community Health Study/Study of Latinos. Community Dentistry and Oral Epidemiology, 2017, 45, 168-177.	0.9	7
81	A longitudinal analysis of nondaily smokers: the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Annals of Epidemiology, 2020, 49, 61-67.	0.9	7
82	Semiparametric proportional means model for marker data contingent on recurrent event. Lifetime Data Analysis, 2010, 16, 250-270.	0.4	6
83	Joint Analysis of Survival Time and Longitudinal Categorical Outcomes. Statistics in Biosciences, 2015, 7, 19-47.	0.6	6
84	Perceived Discrimination and Cardiometabolic Risk Among US Hispanics/Latinos in the HCHS/SOL Sociocultural Ancillary Study. International Journal of Behavioral Medicine, 2019, 26, 331-342.	0.8	6
85	Genome-Wide Association of Kidney Traits in Hispanics/Latinos Using Dense Imputed Whole-Genome Sequencing Data. Circulation Genomic and Precision Medicine, 2020, 13, e002891.	1.6	6
86	Findings from the Hispanic Community Health Study/Study of Latinos on the Importance of Sociocultural Environmental Interactors: Polygenic Risk Score-by-Immigration and Dietary Interactions. Frontiers in Genetics, 2021, 12, 720750.	1.1	6
87	Validity and reliability of the semi-quantitative self-report Home Food Availability Inventory Checklist (HFAI-C) in White and South Asian populations. International Journal of Behavioral Nutrition and Physical Activity, 2016, 13, 56.	2.0	5
88	Improving the efficiency of estimation in the additive hazards model for stratified case–cohort design with multiple diseases. Statistics in Medicine, 2016, 35, 282-293.	0.8	5
89	Improving Efficiency of Parameter Estimation in Case-Cohort Studies with Multivariate Failure Time Data. Biometrics, 2017, 73, 1042-1052.	0.8	5
90	Risk factor control across the spectrum of cardiovascular risk: Findings from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). American Journal of Preventive Cardiology, 2021, 5, 100147.	1.3	5

#	Article	IF	Citations
91	Semiparametric Transformation Rate Model for Recurrent Event Data. Statistics in Biosciences, 2011, 3, 187-207.	0.6	4
92	Sample size estimation in educational intervention trials with subgroup heterogeneity in only one arm. Statistics in Medicine, 2013, 32, 2140-2154.	0.8	4
93	Joint modeling of survival time and longitudinal outcomes with flexible random effects. Lifetime Data Analysis, 2018, 24, 126-152.	0.4	4
94	Reweighted estimators for additive hazard model with censoring indicators missing at random. Lifetime Data Analysis, 2018, 24, 224-249.	0.4	4
95	Semiparametric inference for a two-stage outcome-dependent sampling design with interval-censored failure time data. Lifetime Data Analysis, 2020, 26, 85-108.	0.4	4
96	Sedentary Behavior and Change in Kidney Function: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Kidney360, 2021, 2, 245-253.	0.9	4
97	Joint covariate-adjusted score test statistics for recurrent events and a terminal event. Lifetime Data Analysis, 2010, 16, 491-508.	0.4	3
98	Quantile regression models for current status data. Journal of Statistical Planning and Inference, 2016, 178, 112-127.	0.4	3
99	Auxiliary variable–enriched biomarker–stratified design. Statistics in Medicine, 2018, 37, 4610-4635.	0.8	3
100	The association of metformin use with prostate cancer aggressiveness among Black Americans and White Americans in a population-based study. Cancer Causes and Control, 2018, 29, 1143-1150.	0.8	3
101	Accelerated failure time model for data from outcome-dependent sampling. Lifetime Data Analysis, 2021, 27, 15-37.	0.4	3
102	A doubly robust method to handle missing multilevel outcome data with application to the China Health and Nutrition Survey. Statistics in Medicine, 2022, 41, 769-785.	0.8	3
103	Multiplicative rates model for recurrent events in case-cohort studies. Lifetime Data Analysis, 2020, 26, 134-157.	0.4	2
104	Urinary Arsenic Species are Detectable in Urban Underserved Hispanic/Latino Populations: A Pilot Study from the Study of Latinos: Nutrition & Physical Activity Assessment Study (SOLNAS). International Journal of Environmental Research and Public Health, 2020, 17, 2247.	1.2	2
105	Assessing Predictive Discrimination Performance of Biomarkers in The Presence of Treatment-Induced Dependent Censoring. Journal of the Royal Statistical Society Series C: Applied Statistics, 2022, 71, 1137-1157.	0.5	2
106	Asymptotic results for fitting marginal hazard models from stratified case-cohort studies with multiple disease outcomes. Journal of the Korean Statistical Society, 2010, 39, 371-385.	0.3	1
107	Preface. Lifetime Data Analysis, 2013, 19, 437-441.	0.4	1
108	Changes in Cardiovascular Disease Risk Factors with Unintentional Versus Intentional Weight Loss: The Coronary Artery Risk Development in Young Adults Study. Metabolic Syndrome and Related Disorders, 2019, 17, 143-148.	0.5	1

#	Article	IF	Citations
109	Diabetes, cognitive decline and mild cognitive impairment among diverse Hispanics/Latinos: Hispanic Community Health Study/Study of Latinos (HCHSâ€SOL) investigation of cognitive aging results. Alzheimer's and Dementia, 2020, 16, e044601.	0.4	1
110	Feature screening for caseâ€cohort studies with failure time outcome. Scandinavian Journal of Statistics, 2021, 48, 349-370.	0.9	1
111	Obesogenic home food availability, diet, and BMI in Pakistani and White toddlers. Maternal and Child Nutrition, 2021, 17, e13138.	1.4	1
112	Case-cohort design in hematopoietic cell transplant studies. Bone Marrow Transplantation, 2021, , .	1.3	1
113	Preface to the Issue of Statistics in Biosciences in Honor of Ross Prentice. Statistics in Biosciences, 2013, 5, 221-223.	0.6	0
114	Cardiovascular and stroke risk, cognitive change, and mild cognitive impairment: Results from the HCHS/SOL and SOLâ€NCA. Alzheimer's and Dementia, 2020, 16, e044166.	0.4	0
115	Long-Term Exposure to Ambient Air Pollution and Cognitive Function Among Hispanic/Latino Adults in San Diego, California. Advances in Alzheimer's Disease, 2021, , .	0.2	0
116	Conditional screening for ultrahigh-dimensional survival data in case-cohort studies. Lifetime Data Analysis, 2021, 27, 632-661.	0.4	0
117	Nineâ€year Changes in Cardiovascular Disease Risk Factors with Weight Maintenance. FASEB Journal, 2006, 20, A585.	0.2	0
118	Longâ€and shortâ€term weight change and incident coronary heart disease: The Atherosclerosis Risk in Communities Study. FASEB Journal, 2011, 25, .	0.2	0
119	Abstract 44: Cardiometabolic Responses to Weight Change are Different between Obese and Normal Weight Adults Who are Metabolically Healthy: The Atherosclerosis Risk in Communities Study. Circulation, 2015, 131, .	1.6	0
120	Estimated Quadratic Inference Function for Correlated Failure Time Data. Biometrics, 2023, 79, 1145-1158.	0.8	0
121	Longitudinal study of body mass index in Asian men who immigrate to the US. Asia Pacific Journal of Clinical Nutrition, 2015, 24, 701-9.	0.3	0