

Jianwen Cai

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.

111
papers

2,735
citations

25
h-index

50
g-index

128
ext. papers

3,412
ext. citations

4.1
avg. IF

5.12
L-index

#	Paper	IF	Citations
111	Prevalence of major cardiovascular risk factors and cardiovascular diseases among Hispanic/Latino individuals of diverse backgrounds in the United States. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 1775-84	27.4	589
110	Modelling recurrent events: a tutorial for analysis in epidemiology. <i>International Journal of Epidemiology</i> , 2015 , 44, 324-33	7.8	214
109	Some Graphical Displays and Marginal Regression Analyses for Recurrent Failure Times and Time Dependent Covariates. <i>Journal of the American Statistical Association</i> , 1993 , 88, 811-820	2.8	189
108	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. <i>Annals of Epidemiology</i> , 2014 , 24, 822-30	6.4	115
107	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. <i>PLoS Genetics</i> , 2019 , 15, e1008500	6	90
106	Sample size/power calculation for case-cohort studies. <i>Biometrics</i> , 2004 , 60, 1015-24	1.8	75
105	A semiparametric additive rates model for recurrent event data. <i>Lifetime Data Analysis</i> , 2006 , 12, 389-406	6.3	74
104	Variable selection for multivariate failure time data. <i>Biometrika</i> , 2005 , 92, 303-316	2	71
103	Objectively Measured Sedentary Time and Cardiometabolic Biomarkers in US Hispanic/Latino Adults: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Circulation</i> , 2015 , 132, 1560-9	16.7	68
102	Marginal means/rates models for multiple type recurrent event data. <i>Lifetime Data Analysis</i> , 2004 , 10, 121-38	1.3	63
101	Breast Cancer Risk After Recent Childbirth: A Pooled Analysis of 15 Prospective Studies. <i>Annals of Internal Medicine</i> , 2019 , 170, 22-30	8	63
100	Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. <i>PLoS Genetics</i> , 2017 , 13, e1006728	6	58
99	A semiparametric additive rate model for recurrent events with an informative terminal event. <i>Biometrika</i> , 2010 , 97, 699-712	2	51
98	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019 , 10, 29	17.4	51
97	Trans-ethnic Fine Mapping Highlights Kidney-Function Genes Linked to Salt Sensitivity. <i>American Journal of Human Genetics</i> , 2016 , 99, 636-646	11	44
96	Body mass index, sex, and cardiovascular disease risk factors among Hispanic/Latino adults: Hispanic community health study/study of Latinos. <i>Journal of the American Heart Association</i> , 2014 , 3,	6	43
95	Regression methods for gap time hazard functions of sequentially ordered multivariate failure time data. <i>Biometrika</i> , 2004 , 91, 291-303	2	41

94	Partially Linear Hazard Regression for Multivariate Survival Data. <i>Journal of the American Statistical Association</i> , 2007 , 102, 538-551	2.8	40
93	Simultaneous modelling of survival and longitudinal data with an application to repeated quality of life measures. <i>Lifetime Data Analysis</i> , 2005 , 11, 151-74	1.3	38
92	Power calculation for case-cohort studies with nonrare events. <i>Biometrics</i> , 2007 , 63, 1288-95	1.8	35
91	Prevalence of Optimal Metabolic Health in American Adults: National Health and Nutrition Examination Survey 2009-2016. <i>Metabolic Syndrome and Related Disorders</i> , 2019 , 17, 46-52	2.6	31
90	Case-cohort analysis with accelerated failure time model. <i>Biometrics</i> , 2009 , 65, 135-42	1.8	30
89	Sex difference in the association between obesity and asthma in U.S. adults: Findings from a national study. <i>Respiratory Medicine</i> , 2015 , 109, 955-62	4.6	29
88	Case-cohort analysis of brain cancer and leukemia in electric utility workers using a refined magnetic field job-exposure matrix. <i>American Journal of Industrial Medicine</i> , 2000 , 38, 417-25	2.7	29
87	Additive-multiplicative rates model for recurrent events. <i>Lifetime Data Analysis</i> , 2010 , 16, 353-73	1.3	28
86	Nonparametric quantile estimation with correlated failure time data. <i>Lifetime Data Analysis</i> , 2003 , 9, 357-71	1.3	23
85	Kappa statistic for clustered dichotomous responses from physicians and patients. <i>Statistics in Medicine</i> , 2013 , 32, 3700-19	2.3	22
84	Estimating effect of environmental contaminants on women's subfecundity for the MoBa study data with an outcome-dependent sampling scheme. <i>Biostatistics</i> , 2014 , 15, 636-50	3.7	20
83	Estimated pseudopartial-likelihood method for correlated failure time data with auxiliary covariates. <i>Biometrics</i> , 2009 , 65, 1184-93	1.8	20
82	Permutation tests for comparing marginal survival functions with clustered failure time data. <i>Statistics in Medicine</i> , 2000 , 19, 2963-73	2.3	20
81	Admixture Mapping Identifies an Amerindian Ancestry Locus Associated with Albuminuria in Hispanics in the United States. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2211-2220 ^{12.7}	12.7	17
80	Additive mixed effect model for clustered failure time data. <i>Biometrics</i> , 2011 , 67, 1340-51	1.8	16
79	Total cholesterol and mortality in China, Poland, Russia, and the US. <i>Annals of Epidemiology</i> , 2004 , 14, 399-408	6.4	15
78	Bootstrap analysis of multivariate failure time data. <i>Statistics in Medicine</i> , 2005 , 24, 3387-400	2.3	15
77	Anthropometric indices as measures of body fat assessed by DXA in relation to cardiovascular risk factors in children and adolescents: NHANES 1999-2004. <i>International Journal of Body Composition Research</i> , 2013 , 11, 85-96		15

76	Associations of variants in the hexokinase 1 and interleukin 18 receptor regions with oxyhemoglobin saturation during sleep. <i>PLoS Genetics</i> , 2019 , 15, e1007739	6	14
75	Association of Impaired Glucose Regulation and Insulin Resistance With Cardiac Structure and Function: Results From ECHO-SOL (Echocardiographic Study of Latinos). <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	14
74	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). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 185-194	5.6	13
73	Longitudinal study of acculturation and BMI change among Asian American men. <i>Preventive Medicine</i> , 2015 , 73, 15-21	4.3	13
72	Marginal additive hazards model for case-cohort studies with multiple disease outcomes: an application to the Atherosclerosis Risk in Communities (ARIC) study. <i>Biostatistics</i> , 2013 , 14, 28-41	3.7	13
71	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 Youth). <i>Appetite</i> , 2019 , 140, 277-287	4.5	12
70	Variable selection for case-cohort studies with failure time outcome. <i>Biometrika</i> , 2016 , 103, 547-562	2	12
69	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). <i>Diabetes Care</i> , 2016 , 39, 2051-2057	14.6	12
68	Robust covariate-adjusted log-rank statistics and corresponding sample size formula for recurrent events data. <i>Biometrics</i> , 2008 , 64, 741-750	1.8	11
67	Multiple imputation methods for recurrent event data with missing event category. <i>Canadian Journal of Statistics</i> , 2006 , 34, 677-692	0.4	11
66	American Ancestry Is a Risk Factor for Suspected Nonalcoholic Fatty Liver Disease in Hispanic/Latino Adults. <i>Clinical Gastroenterology and Hepatology</i> , 2019 , 17, 2301-2309	6.9	10
65	Association of self-reported physical activity with obstructive sleep apnea: Results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Preventive Medicine</i> , 2016 , 93, 183-188	4.3	10
64	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). <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	10
63	Additive transformation models for clustered failure time data. <i>Lifetime Data Analysis</i> , 2010 , 16, 333-52	1.3	10
62	Dietary factors, gut microbiota, and serum trimethylamine-N-oxide associated with cardiovascular disease in the Hispanic Community Health Study/Study of Latinos. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1503-1514	7	10
61	Diabetes, Cognitive Decline, and Mild Cognitive Impairment Among Diverse Hispanics/Latinos: Study of Latinos-Investigation of Neurocognitive Aging Results (HCHS/SOL). <i>Diabetes Care</i> , 2020 , 43, 1111-1117	14.6	10
60	The Association of Diabetes and Obesity With Prostate Cancer Progression: HCaP-NC. <i>Prostate</i> , 2017 , 77, 878-887	4.2	9
59	Tests of trend between disease outcomes and ordinal covariates discretized from underlying continuous variables: simulation studies and applications to NHANES 2007-2008. <i>BMC Medical Research Methodology</i> , 2019 , 19, 2	4.7	9

58	The association of diabetes and obesity with prostate cancer aggressiveness among Black Americans and White Americans in a population-based study. <i>Cancer Causes and Control</i> , 2016 , 27, 1475-1485	2.8	9
57	A statistical model for the evaluation of barrier contraceptive efficacy. <i>Statistics in Medicine</i> , 2001 , 20, 3279-94	2.3	9
56	Recent progresses in outcome-dependent sampling with failure time data. <i>Lifetime Data Analysis</i> , 2017 , 23, 57-82	1.3	8
55	Tea consumption and breast cancer risk in a cohort of women with family history of breast cancer. <i>International Journal of Cancer</i> , 2020 , 147, 876-886	7.5	8
54	A Genome-wide Association Study Discovers 46 Loci of the Human Metabolome in the Hispanic Community Health Study/Study of Latinos. <i>American Journal of Human Genetics</i> , 2020 , 107, 849-863	11	8
53	Comparison of Eight Equations That Predict Percent Body Fat Using Skinfolts in American Youth. <i>Childhood Obesity</i> , 2016 , 12, 314-23	2.5	8
52	The association of periodontal disease and cardiovascular disease risk: Results from the Hispanic Community Health Study/Study of Latinos. <i>Journal of Periodontology</i> , 2018 , 89, 840-857	4.6	7
51	Semiparametric Inference for Data with a Continuous Outcome from a Two-Phase Probability Dependent Sampling Scheme. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2014 , 76, 197-215	3.9	7
50	A random effects model for multivariate failure time data from multicenter clinical trials. <i>Biometrics</i> , 1999 , 55, 182-9	1.8	7
49	BMI and all-cause mortality among Chinese and Caucasians: the People's Republic of China and the Atherosclerosis Risk in Communities Studies. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2015 , 24, 472-9	1	7
48	Detecting prediabetes among Hispanics/Latinos from diverse heritage groups: Does the test matter? Findings from the Hispanic Community Health Study/Study of Latinos. <i>Preventive Medicine</i> , 2017 , 95, 110-118	4.3	6
47	Environmental tobacco smoke exposure and periodontitis prevalence among nonsmokers in the hispanic community Health Study/Study of Latinos. <i>Community Dentistry and Oral Epidemiology</i> , 2017 , 45, 168-177	2.8	6
46	Analysis of multiple survival events in generalized case-cohort designs. <i>Biometrics</i> , 2018 , 74, 1250-1260	1.8	6
45	Marginal hazards regression for retrospective studies within cohort with possibly correlated failure time data. <i>Biometrics</i> , 2009 , 65, 405-14	1.8	6
44	On case-control sampling of clustered data. <i>Biometrika</i> , 1997 , 84, 983-986	2	6
43	Outcome-Dependent Sampling Design and Inference for Cox's Proportional Hazards Model. <i>Journal of Statistical Planning and Inference</i> , 2016 , 178, 24-36	0.8	5
42	Semiparametric proportional means model for marker data contingent on recurrent event. <i>Lifetime Data Analysis</i> , 2010 , 16, 250-70	1.3	5
41	Proportional hazards model with a change point for clustered event data. <i>Biometrics</i> , 2017 , 73, 835-845	1.8	4

40	Joint Analysis of Survival Time and Longitudinal Categorical Outcomes. <i>Statistics in Biosciences</i> , 2015 , 7, 19-47	1.5	4
39	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). <i>Diabetes Care</i> , 2020 , 43, 1774-1780	14.6	4
38	Validity and reliability of the semi-quantitative self-report Home Food Availability Inventory Checklist (HFAI-C) in White and South Asian populations. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 56	8.4	4
37	Perceived Discrimination and Cardiometabolic Risk Among US Hispanics/Latinos in the HCHS/SOL Sociocultural Ancillary Study. <i>International Journal of Behavioral Medicine</i> , 2019 , 26, 331-342	2.6	4
36	Semiparametric Transformation Rate Model for Recurrent Event Data. <i>Statistics in Biosciences</i> , 2011 , 3, 187-207	1.5	4
35	Joint modeling of survival time and longitudinal outcomes with flexible random effects. <i>Lifetime Data Analysis</i> , 2018 , 24, 126-152	1.3	4
34	Improving efficiency of parameter estimation in case-cohort studies with multivariate failure time data. <i>Biometrics</i> , 2017 , 73, 1042-1052	1.8	3
33	Sample size estimation in educational intervention trials with subgroup heterogeneity in only one arm. <i>Statistics in Medicine</i> , 2013 , 32, 2140-54	2.3	3
32	A longitudinal analysis of nondaily smokers: the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Annals of Epidemiology</i> , 2020 , 49, 61-67	6.4	3
31	Long-Term Exposure to Ambient Air Pollution and Cognitive Function Among Hispanic/Latino Adults in San Diego, California. <i>Journal of Alzheimers Disease</i> , 2021 , 79, 1489-1496	4.3	3
30	Reweighted estimators for additive hazard model with censoring indicators missing at random. <i>Lifetime Data Analysis</i> , 2018 , 24, 224-249	1.3	3
29	Childhood and adult exposure to secondhand tobacco smoke and cardiac structure and function: results from Echo-SOL. <i>Open Heart</i> , 2018 , 5, e000831	3	3
28	Quantile Regression Models for Current Status Data. <i>Journal of Statistical Planning and Inference</i> , 2016 , 178, 112-127	0.8	2
27	Improving the efficiency of estimation in the additive hazards model for stratified case-cohort design with multiple diseases. <i>Statistics in Medicine</i> , 2016 , 35, 282-93	2.3	2
26	Joint covariate-adjusted score test statistics for recurrent events and a terminal event. <i>Lifetime Data Analysis</i> , 2010 , 16, 491-508	1.3	2
25	Multiplicative rates model for recurrent events in case-cohort studies. <i>Lifetime Data Analysis</i> , 2020 , 26, 134-157	1.3	2
24	Auxiliary variable-enriched biomarker-stratified design. <i>Statistics in Medicine</i> , 2018 , 37, 4610-4635	2.3	2
23	The association of metformin use with prostate cancer aggressiveness among Black Americans and White Americans in a population-based study. <i>Cancer Causes and Control</i> , 2018 , 29, 1143-1150	2.8	2

22	Changes in Cardiovascular Disease Risk Factors with Unintentional Versus Intentional Weight Loss: The Coronary Artery Risk Development in Young Adults Study. <i>Metabolic Syndrome and Related Disorders</i> , 2019 , 17, 143-148	2.6	1
21	Genome-Wide Association of Kidney Traits in Hispanics/Latinos Using Dense Imputed Whole-Genome Sequencing Data: The Hispanic Community Health Study/Study of Latinos. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002891	5.2	1
20	Asymptotic results for fitting marginal hazards models from stratified case-cohort studies with multiple disease outcomes. <i>Journal of the Korean Statistical Society</i> , 2010 , 39, 371-385	0.5	1
19	Genome-Wide Admixture Mapping of Estimated Glomerular Filtration Rate and Chronic Kidney Disease Identify European and African Ancestry-of-Origin Loci in Hispanic and Latino Individuals in the United States. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 ,	12.7	1
18	Risk factor control across the spectrum of cardiovascular risk: Findings from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>American Journal of Preventive Cardiology</i> , 2021 , 5, 100147	1.9	1
17	Enriched Biomarker-Driven Clinical Trials 2019 , 1-14		1
16	Semiparametric inference for a two-stage outcome-dependent sampling design with interval-censored failure time data. <i>Lifetime Data Analysis</i> , 2020 , 26, 85-108	1.3	1
15	Obesogenic home food availability, diet, and BMI in Pakistani and White toddlers. <i>Maternal and Child Nutrition</i> , 2021 , 17, e13138	3.4	1
14	Association of Subjective Social Status With LifeSimple 7s Cardiovascular Health Index Among Hispanic/Latino People: Results From the HCHS/SOL. <i>Journal of the American Heart Association</i> , 2021 , 10, e012704	6	1
13	This special issue contains several papers on clinical trials, exemplifying Ross Prentice's influence. Preface. <i>Lifetime Data Analysis</i> , 2013 , 19, 437-41	1.3	0
12	Sedentary Behavior and Change in Kidney Function: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Kidney360</i> , 2021 , 2, 245-253	1.8	0
11	Empirically Derived Dietary Patterns Using Robust Profile Clustering in the Hispanic Community Health Study/Study of Latinos. <i>Journal of Nutrition</i> , 2020 , 150, 2825-2834	4.1	0
10	Accelerated failure time model for data from outcome-dependent sampling. <i>Lifetime Data Analysis</i> , 2021 , 27, 15-37	1.3	0
9	Associations of Insulin Resistance With Systolic and Diastolic Blood Pressure: A Study From the HCHS/SOL. <i>Hypertension</i> , 2021 , 78, 716-725	8.5	0
8	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.. <i>Frontiers in Genetics</i> , 2021 , 12, 720750	4.5	0
7	Cardiovascular and stroke risk, cognitive change, and mild cognitive impairment: Results from the HCHS/SOL and SOL-INCA. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044166	1.2	
6	Diabetes, cognitive decline and mild cognitive impairment among diverse Hispanics/Latinos: Hispanic Community Health Study/Study of Latinos (HCHS-SOL) investigation of cognitive aging results. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044601	1.2	
5	Preface to the Issue of Statistics in Biosciences in Honor of Ross Prentice. <i>Statistics in Biosciences</i> , 2013 , 5, 221-223	1.5	

- 4 Nine-year Changes in Cardiovascular Disease Risk Factors with Weight Maintenance. *FASEB Journal*, **2006**, 20, A585 0.9
- 3 Feature screening for case-cohort studies with failure time outcome. *Scandinavian Journal of Statistics*, **2021**, 48, 349-370 0.8
- 2 Conditional screening for ultrahigh-dimensional survival data in case-cohort studies. *Lifetime Data Analysis*, **2021**, 27, 632-661 1.3
- 1 Longitudinal study of body mass index in Asian men who immigrate to the US. *Asia Pacific Journal of Clinical Nutrition*, **2015**, 24, 701-9 1