

Jianwen Cai

List of Publications by Year in descending order

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121
papers

3,989
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201385

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docs citations

128
times ranked

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#	ARTICLE	IF	CITATIONS
1	Improving Trial Generalizability Using Observational Studies. <i>Biometrics</i> , 2023, 79, 1213-1225.	0.8	15
2	Estimated Quadratic Inference Function for Correlated Failure Time Data. <i>Biometrics</i> , 2023, 79, 1145-1158.	0.8	0
3	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. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 77-87.	3.0	10
4	A doubly robust method to handle missing multilevel outcome data with application to the China Health and Nutrition Survey. <i>Statistics in Medicine</i> , 2022, 41, 769-785.	0.8	3
5	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. <i>MSystems</i> , 2022, 7, .	1.7	16
6	Assessing Predictive Discrimination Performance of Biomarkers in The Presence of Treatment-Induced Dependent Censoring. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2022, 71, 1137-1157.	0.5	2
7	Association of Mediterranean Diet With Cognitive Decline Among Diverse Hispanic or Latino Adults From the Hispanic Community Health Study/Study of Latinos. <i>JAMA Network Open</i> , 2022, 5, e2221982.	2.8	17
8	Accelerated failure time model for data from outcome-dependent sampling. <i>Lifetime Data Analysis</i> , 2021, 27, 15-37.	0.4	3
9	Feature screening for case-cohort studies with failure time outcome. <i>Scandinavian Journal of Statistics</i> , 2021, 48, 349-370.	0.9	1
10	Obesogenic home food availability, diet, and BMI in Pakistani and White toddlers. <i>Maternal and Child Nutrition</i> , 2021, 17, e13138.	1.4	1
11	Long-Term Exposure to Ambient Air Pollution and Cognitive Function Among Hispanic/Latino Adults in San Diego, California. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1489-1496.	1.2	9
12	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.	1.3	5
13	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.	2.2	32
14	Long-Term Exposure to Ambient Air Pollution and Cognitive Function Among Hispanic/Latino Adults in San Diego, California. <i>Advances in Alzheimer's Disease</i> , 2021, , .	0.2	0
15	Association of Subjective Social Status With Life's Simple 7s Cardiovascular Health Index Among Hispanic/Latino People: Results From the HCHS/SOL. <i>Journal of the American Heart Association</i> , 2021, 10, e012704.	1.6	14
16	Case-cohort design in hematopoietic cell transplant studies. <i>Bone Marrow Transplantation</i> , 2021, , .	1.3	1
17	Conditional screening for ultrahigh-dimensional survival data in case-cohort studies. <i>Lifetime Data Analysis</i> , 2021, 27, 632-661.	0.4	0
18	Associations of Insulin Resistance With Systolic and Diastolic Blood Pressure: A Study From the HCHS/SOL. <i>Hypertension</i> , 2021, 78, 716-725.	1.3	12

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19	Sedentary Behavior and Change in Kidney Function: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Kidney360</i> , 2021, 2, 245-253.	0.9	4
20	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.	1.1	6
21	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.	0.4	4
22	Multiplicative rates model for recurrent events in case-cohort studies. <i>Lifetime Data Analysis</i> , 2020, 26, 134-157.	0.4	2
23	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.	2.3	16
24	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.	0.9	7
25	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.	2.6	48
26	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.	1.3	9
27	Cardiovascular and stroke risk, cognitive change, and mild cognitive impairment: Results from the HCHS/SOL and SOLâ€INCA. <i>Alzheimer's and Dementia</i> , 2020, 16, e044166.	0.4	0
28	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. <i>Alzheimer's and Dementia</i> , 2020, 16, e044601.	0.4	1
29	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.	4.3	12
30	Genome-Wide Association of Kidney Traits in Hispanics/Latinos Using Dense Imputed Whole-Genome Sequencing Data. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002891.	1.6	6
31	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). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2247.	1.2	2
32	Diabetes, Cognitive Decline, and Mild Cognitive Impairment Among Diverse Hispanics/Latinos: Study of Latinosâ€Investigation of Neurocognitive Aging Results (HCHS/SOL). <i>Diabetes Care</i> , 2020, 43, 1111-1117.	4.3	24
33	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.	0.8	6
34	Tests of trend between disease outcomes and ordinal covariates discretized from underlying continuous variables: simulation studies and applications to NHANES 2007â€2008. <i>BMC Medical Research Methodology</i> , 2019, 19, 2.	1.4	24
35	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 rgBT2/Overload	1.4	6
36	Associations of variants in the hexokinase 1 and interleukin 18 receptor regions with oxyhemoglobin saturation during sleep. <i>PLoS Genetics</i> , 2019, 15, e1007739.	1.5	28

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37	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.	2.4	23
38	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.	0.5	1
39	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.	1.5	203
40	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019, 10, 29.	5.8	113
41	Breast Cancer Risk After Recent Childbirth. <i>Annals of Internal Medicine</i> , 2019, 170, 22.	2.0	120
42	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.	0.5	69
43	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.	1.7	12
44	Joint modeling of survival time and longitudinal outcomes with flexible random effects. <i>Lifetime Data Analysis</i> , 2018, 24, 126-152.	0.4	4
45	Rewighted estimators for additive hazard model with censoring indicators missing at random. <i>Lifetime Data Analysis</i> , 2018, 24, 224-249.	0.4	4
46	Auxiliary variable-enriched biomarker-stratified design. <i>Statistics in Medicine</i> , 2018, 37, 4610-4635.	0.8	3
47	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.	0.8	3
48	Childhood and adult exposure to secondhand tobacco smoke and cardiac structure and function: results from Echo-SOL. <i>Open Heart</i> , 2018, 5, e000831.	0.9	9
49	Analysis of Multiple Survival Events in Generalized Case-Cohort Designs. <i>Biometrics</i> , 2018, 74, 1250-1260.	0.8	8
50	Recent progresses in outcome-dependent sampling with failure time data. <i>Lifetime Data Analysis</i> , 2017, 23, 57-82.	0.4	9
51	Improving Efficiency of Parameter Estimation in Case-Cohort Studies with Multivariate Failure Time Data. <i>Biometrics</i> , 2017, 73, 1042-1052.	0.8	5
52	Proportional Hazards Model with a Change Point for Clustered Event Data. <i>Biometrics</i> , 2017, 73, 835-845.	0.8	8
53	The Association of Diabetes and Obesity With Prostate Cancer Progression: HCa-NC. <i>Prostate</i> , 2017, 77, 878-887.	1.2	12
54	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.	3.0	33

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55	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.	1.6	10
56	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.	0.9	7
57	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.	1.5	88
58	Comparison of Eight Equations That Predict Percent Body Fat Using Skinfolds in American Youth. <i>Childhood Obesity</i> , 2016, 12, 314-323.	0.8	10
59	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.	4.3	22
60	Trans-ethnic Fine Mapping Highlights Kidney-Function Genes Linked to Salt Sensitivity. <i>American Journal of Human Genetics</i> , 2016, 99, 636-646.	2.6	67
61	Variable selection for case-cohort studies with failure time outcome. <i>Biometrika</i> , 2016, 103, 547-562.	1.3	16
62	Quantile regression models for current status data. <i>Journal of Statistical Planning and Inference</i> , 2016, 178, 112-127.	0.4	3
63	Association of Impaired Glucose Regulation and Insulin Resistance With Cardiac Structure and Function. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	29
64	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.	0.8	10
65	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> , 2016, 102, jc.2016-2279.	1.8	17
66	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.	1.6	18
67	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.	2.0	5
68	Outcome-dependent sampling design and inference for Cox's proportional hazards Model. <i>Journal of Statistical Planning and Inference</i> , 2016, 178, 24-36.	0.4	7
69	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, 282-293.	0.8	5
70	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, .	1.3	20
71	Longitudinal study of acculturation and BMI change among Asian American men. <i>Preventive Medicine</i> , 2015, 73, 15-21.	1.6	21
72	Modelling recurrent events: a tutorial for analysis in epidemiology. <i>International Journal of Epidemiology</i> , 2015, 44, 324-333.	0.9	342

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73	Sex difference in the association between obesity and asthma in U.S. adults: Findings from a national study. <i>Respiratory Medicine</i> , 2015, 109, 955-962.	1.3	40
74	Objectively Measured Sedentary Time and Cardiometabolic Biomarkers in US Hispanic/Latino Adults. <i>Circulation</i> , 2015, 132, 1560-1569.	1.6	85
75	Joint Analysis of Survival Time and Longitudinal Categorical Outcomes. <i>Statistics in Biosciences</i> , 2015, 7, 19-47.	0.6	6
76	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.	0.3	9
77	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. <i>Circulation</i> , 2015, 131, .	1.6	0
78	Longitudinal study of body mass index in Asian men who immigrate to the US. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2015, 24, 701-9.	0.3	0
79	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, 636-650.	0.9	21
80	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.	1.1	8
81	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, .	1.6	51
82	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, 822-830.	0.9	155
83	Preface to the Issue of <i>Statistics in Biosciences</i> in Honor of Ross Prentice. <i>Statistics in Biosciences</i> , 2013, 5, 221-223.	0.6	0
84	Kappa statistic for clustered dichotomous responses from physicians and patients. <i>Statistics in Medicine</i> , 2013, 32, 3700-3719.	0.8	26
85	Preface. <i>Lifetime Data Analysis</i> , 2013, 19, 437-441.	0.4	1
86	Sample size estimation in educational intervention trials with subgroup heterogeneity in only one arm. <i>Statistics in Medicine</i> , 2013, 32, 2140-2154.	0.8	4
87	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.	0.9	16
88	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.	0.5	15
89	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.	3.8	726
90	Additive Mixed Effect Model for Clustered Failure Time Data. <i>Biometrics</i> , 2011, 67, 1340-1351.	0.8	20

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91	Semiparametric Transformation Rate Model for Recurrent Event Data. <i>Statistics in Biosciences</i> , 2011, 3, 187-207.	0.6	4
92	Long- and short-term weight change and incident coronary heart disease: The Atherosclerosis Risk in Communities Study. <i>FASEB Journal</i> , 2011, 25, .	0.2	0
93	Joint covariate-adjusted score test statistics for recurrent events and a terminal event. <i>Lifetime Data Analysis</i> , 2010, 16, 491-508.	0.4	3
94	Additive transformation models for clustered failure time data. <i>Lifetime Data Analysis</i> , 2010, 16, 333-352.	0.4	12
95	Semiparametric proportional means model for marker data contingent on recurrent event. <i>Lifetime Data Analysis</i> , 2010, 16, 250-270.	0.4	6
96	Additive "multiplicative rates model for recurrent events. <i>Lifetime Data Analysis</i> , 2010, 16, 353-373.	0.4	32
97	Asymptotic results for fitting marginal hazard models from stratified case-cohort studies with multiple disease outcomes. <i>Journal of the Korean Statistical Society</i> , 2010, 39, 371-385.	0.3	1
98	A semiparametric additive rate model for recurrent events with an informative terminal event. <i>Biometrika</i> , 2010, 97, 699-712.	1.3	58
99	Case "Cohort Analysis with Accelerated Failure Time Model. <i>Biometrics</i> , 2009, 65, 135-142.	0.8	36
100	Marginal Hazards Regression for Retrospective Studies within Cohort with Possibly Correlated Failure Time Data. <i>Biometrics</i> , 2009, 65, 405-414.	0.8	7
101	Estimated Pseudopartial Likelihood Method for Correlated Failure Time Data with Auxiliary Covariates. <i>Biometrics</i> , 2009, 65, 1184-1193.	0.8	23
102	Robust Covariate-Adjusted Log-Rank Statistics and Corresponding Sample Size Formula for Recurrent Events Data. <i>Biometrics</i> , 2008, 64, 741-750.	0.8	16
103	Partially Linear Hazard Regression for Multivariate Survival Data. <i>Journal of the American Statistical Association</i> , 2007, 102, 538-551.	1.8	50
104	Power Calculation for Case-Cohort Studies with Nonrare Events. <i>Biometrics</i> , 2007, 63, 1288-1295.	0.8	43
105	A semiparametric additive rates model for recurrent event data. <i>Lifetime Data Analysis</i> , 2006, 12, 389-406.	0.4	81
106	Multiple imputation methods for recurrent event data with missing event category. <i>Canadian Journal of Statistics</i> , 2006, 34, 677-692.	0.6	15
107	Nine-year Changes in Cardiovascular Disease Risk Factors with Weight Maintenance. <i>FASEB Journal</i> , 2006, 20, A585.	0.2	0
108	Simultaneous Modelling of Survival and Longitudinal Data with an Application to Repeated Quality of Life Measures. <i>Lifetime Data Analysis</i> , 2005, 11, 151-174.	0.4	44

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109	Bootstrap analysis of multivariate failure time data. <i>Statistics in Medicine</i> , 2005, 24, 3387-3400.	0.8	18
110	Variable selection for multivariate failure time data. <i>Biometrika</i> , 2005, 92, 303-316.	1.3	83
111	Regression methods for gap time hazard functions of sequentially ordered multivariate failure time data. <i>Biometrika</i> , 2004, 91, 291-303.	1.3	43
112	Sample Size/Power Calculation for Case-Cohort Studies. <i>Biometrics</i> , 2004, 60, 1015-1024.	0.8	92
113	Marginal Means/Rates Models for Multiple Type Recurrent Event Data. <i>Lifetime Data Analysis</i> , 2004, 10, 121-138.	0.4	76
114	Total Cholesterol and Mortality in China, Poland, Russia, and the US. <i>Annals of Epidemiology</i> , 2004, 14, 399-408.	0.9	18
115	Nonparametric Quantile Estimation with Correlated Failure Time Data. <i>Lifetime Data Analysis</i> , 2003, 9, 357-371.	0.4	26
116	A statistical model for the evaluation of barrier contraceptive efficacy. <i>Statistics in Medicine</i> , 2001, 20, 3279-3294.	0.8	9
117	Permutation tests for comparing marginal survival functions with clustered failure time data. <i>Statistics in Medicine</i> , 2000, 19, 2963-2973.	0.8	23
118	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, 417-425.	1.0	33
119	A Random Effects Model for Multivariate Failure Time Data from Multicenter Clinical Trials. <i>Biometrics</i> , 1999, 55, 182-189.	0.8	8
120	Miscellanea. On case-control sampling of clustered data. <i>Biometrika</i> , 1997, 84, 983-986.	1.3	8
121	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.	1.8	235