

# Jinbo Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

1,923  
citations

304743

22  
h-index

289244

40  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Projecting Absolute Invasive Breast Cancer Risk in White Women With a Model That Includes Mammographic Density. <i>Journal of the National Cancer Institute</i> , 2006, 98, 1215-1226.	6.3	317
2	Genome-wide association study of peripheral artery disease in the Million Veteran Program. <i>Nature Medicine</i> , 2019, 25, 1274-1279.	30.7	177
3	Self-renewal of CD133hi cells by IL6/Notch3 signalling regulates endocrine resistance in metastatic breast cancer. <i>Nature Communications</i> , 2016, 7, 10442.	12.8	144
4	The use of the Gail model, body mass index and SNPs to predict breast cancer among women with abnormal (BI-RADS 4) mammograms. <i>Breast Cancer Research</i> , 2015, 17, 1.	5.0	124
5	Validation of a Machine Learning Algorithm to Predict 180-Day Mortality for Outpatients With Cancer. <i>JAMA Oncology</i> , 2020, 6, 1723.	7.1	71
6	Preliminary evaluation of the publicly available Laboratory for Breast Radiodensity Assessment (LIBRA) software tool: comparison of fully automated area and volumetric density measures in a case-control study with digital mammography. <i>Breast Cancer Research</i> , 2015, 17, 117.	5.0	68
7	Quantitative assessment of background parenchymal enhancement in breast MRI predicts response to risk-reducing salpingo-oophorectomy: preliminary evaluation in a cohort of BRCA1/2 mutation carriers. <i>Breast Cancer Research</i> , 2015, 17, 67.	5.0	49
8	Relationship of established risk factors with breast cancer subtypes. <i>Cancer Medicine</i> , 2021, 10, 6456-6467.	2.8	45
9	Lipoprotein(a) and Risk of Myocardial Infarction and Death in Chronic Kidney Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1971-1978.	2.4	44
10	Exome-wide evaluation of rare coding variants using electronic health records identifies new gene-phenotype associations. <i>Nature Medicine</i> , 2021, 27, 66-72.	30.7	44
11	Exploiting Hardy-Weinberg Equilibrium for Efficient Screening of Single SNP Associations from Case-Control Studies. <i>Human Heredity</i> , 2007, 63, 196-204.	0.8	43
12	Penetrance of Breast and Ovarian Cancer in Women Who Carry a BRCA1/2 Mutation and Do Not Use Risk-Reducing Salpingo-Oophorectomy: An Updated Meta-Analysis. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa029.	2.9	41
13	Mucoepidermoid carcinoma of the parotid gland: A National Cancer Database study. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2018, 39, 321-326.	1.3	40
14	Perceived barriers to treatment predict adherence to aromatase inhibitors among breast cancer survivors. <i>Cancer</i> , 2017, 123, 169-176.	4.1	39
15	Arthralgia among women taking aromatase inhibitors: is there a shared inflammatory mechanism with co-morbid fatigue and insomnia?. <i>Breast Cancer Research</i> , 2015, 17, 89.	5.0	35
16	Patient, disease, and treatment factors associated with overall survival in esthesioneuroblastoma. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 1186-1194.	2.8	33
17	Safety of outpatient thyroidectomy: Review of the American College of Surgeons National Surgical Quality Improvement Program. <i>Laryngoscope</i> , 2018, 128, 1249-1254.	2.0	32
18	Clinical Factors Associated With Reoperation and Prolonged Length of Stay in Free Tissue Transfer to Oncologic Head and Neck Defects. <i>JAMA Facial Plastic Surgery</i> , 2018, 20, 154-159.	2.1	32

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19	High risk of metabolic syndrome after delivery in pregnancies complicated by gestational diabetes. <i>Diabetes Research and Clinical Practice</i> , 2019, 150, 219-226.	2.8	31
20	Maternal adipokines longitudinally measured across pregnancy and their associations with neonatal size, length, and adiposity. <i>International Journal of Obesity</i> , 2019, 43, 1422-1434.	3.4	31
21	Adipokines in early and mid-pregnancy and subsequent risk of gestational diabetes: a longitudinal study in a multiracial cohort. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001333.	2.8	26
22	RE: Breast Cancer Risk After Salpingo-Oophorectomy in Healthy BRCA1/2 Mutation Carriers: Revisiting the Evidence for Risk Reduction. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	6.3	23
23	A partially linear tree-based regression model for assessing complex joint gene-gene and gene-environment effects. <i>Genetic Epidemiology</i> , 2007, 31, 238-251.	1.3	22
24	Ageing perceptions and non-adherence to aromatase inhibitors among breast cancer survivors. <i>European Journal of Cancer</i> , 2018, 91, 145-152.	2.8	20
25	Phenome-wide association analysis suggests the APOL1 linked disease spectrum primarily drives kidney-specific pathways. <i>Kidney International</i> , 2020, 97, 1032-1041.	5.2	20
26	Parenchymal texture analysis in digital mammography: robust texture feature identification and equivalence across devices. <i>Journal of Medical Imaging</i> , 2015, 2, 024501.	1.5	19
27	A Haplotype-Based Test of Association Using Data from Cohort and Nested Case-Control Epidemiologic Studies. <i>Human Heredity</i> , 2004, 58, 18-29.	0.8	18
28	Parent-of-Origin Effects of the APOB Gene on Adiposity in Young Adults. <i>PLoS Genetics</i> , 2015, 11, e1005573.	3.5	16
29	AzBio Speech Understanding Performance in Quiet and Noise in High Performing Cochlear Implant Users. <i>Otology and Neurotology</i> , 2018, 39, 571-575.	1.3	16
30	Genomic Risk Stratification Predicts All-Cause Mortality After Cardiac Catheterization. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002352.	3.6	16
31	Associations between breast density and a panel of single nucleotide polymorphisms linked to breast cancer risk: a cohort study with digital mammography. <i>BMC Cancer</i> , 2015, 15, 143.	2.6	15
32	Association Between Patient-Reported Medication Adherence and Anticoagulation Control. <i>American Journal of Medicine</i> , 2017, 130, 1092-1098.e2.	1.5	15
33	Likelihood ratio tests for maternal and fetal genetic effects on obstetric complications. <i>Genetic Epidemiology</i> , 2009, 33, 526-538.	1.3	14
34	A maximum likelihood approach to electronic health record phenotyping using positive and unlabeled patients. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 119-126.	4.4	13
35	Efficient designs of gene-environment interaction studies: implications of Hardy-Weinberg equilibrium and gene-environment independence. <i>Statistics in Medicine</i> , 2012, 31, 2516-2530.	1.6	12
36	Breast density and parenchymal texture measures as potential risk factors for estrogen-receptor positive breast cancer. <i>Proceedings of SPIE</i> , 2014, 9035, 90351D.	0.8	12

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37	Influence of common and rare genetic variation on warfarin dose among African-American and European-American using the exome array. <i>Pharmacogenomics</i> , 2017, 18, 1059-1073.	1.3	12
38	Hearing and Quality of Life Over Time in Vestibular Schwannoma Patients: Observation Compared to Stereotactic Radiosurgery. <i>Otology and Neurotology</i> , 2019, 40, 1094-1100.	1.3	12
39	Complications Associated with Mortality after Head and Neck Surgery: An Analysis of the NSQIP Database. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 156, 504-510.	1.9	11
40	Validation of Breast Cancer Risk Models by Race/Ethnicity, Family History and Molecular Subtypes. <i>Cancers</i> , 2022, 14, 45.	3.7	11
41	Haplotype-Based Association Analysis in Cohort and Nested Case-Control Studies. <i>Biometrics</i> , 2006, 62, 28-35.	1.4	10
42	Semiparametric Maximum Likelihood Methods for Analyzing Genetic and Environmental Effects with Case-Control Mother-Child Pair Data. <i>Biometrics</i> , 2012, 68, 869-877.	1.4	10
43	A Multi-Locus Likelihood Method for Assessing Parent-Of-Origin Effects Using Case-Control Mother-Child Pairs. <i>Genetic Epidemiology</i> , 2013, 37, 152-162.	1.3	9
44	Risk factors for an advanced breast cancer diagnosis within 2 years of a negative mammogram. <i>Cancer</i> , 2021, 127, 3334-3342.	4.1	9
45	Phenotype validation in electronic health records based genetic association studies. <i>Genetic Epidemiology</i> , 2017, 41, 790-800.	1.3	8
46	Clinicopathologic Factors Predictive of Occult Lymph Node Involvement in Cutaneous Head and Neck Melanoma. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 158, 489-496.	1.9	8
47	Breast and ovarian cancer penetrance of <i>BRCA1/2</i> mutations among Hong Kong women. <i>Oncotarget</i> , 2018, 9, 25025-25033.	1.8	8
48	A systematic review of the natural history and biomarkers of primary lecithin:cholesterol acyltransferase deficiency. <i>Journal of Lipid Research</i> , 2022, 63, 100169.	4.2	8
49	Impact of payer status on survival in parotid malignancy. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2019, 40, 555-559.	1.3	7
50	Joint testing of donor and recipient genetic matching scores and recipient genotype has robust power for finding genes associated with transplant outcomes. <i>Genetic Epidemiology</i> , 2020, 44, 893-907.	1.3	7
51	Breast Cancer Relative Hazard Estimates From Case-Control and Cohort Designs With Missing Data on Mammographic Density. <i>Journal of the American Statistical Association</i> , 2008, 103, 976-988.	3.1	6
52	A Population-Level Analysis of Pituitary Carcinoma from the National Cancer Database. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 81, 180-186.	0.8	6
53	Adjustment of nonconfounding covariates in case-control genetic association studies. <i>Annals of Applied Statistics</i> , 2018, 12, .	1.1	5
54	Case contamination in electronic health records based case-control studies. <i>Biometrics</i> , 2021, 77, 67-77.	1.4	5

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55	Maternal Proinflammatory Adipokines Throughout Pregnancy and Neonatal Size and Body Composition: A Prospective Study. <i>Current Developments in Nutrition</i> , 2021, 5, nzab113.	0.3	5
56	Association between Breast Parenchymal Complexity and False-Positive Recall From Digital Mammography Versus Breast Tomosynthesis. <i>Academic Radiology</i> , 2016, 23, 977-986.	2.5	4
57	Using family members to augment genetic case-control studies of a life-threatening disease. <i>Statistics in Medicine</i> , 2016, 35, 2815-2830.	1.6	4
58	Novel two-phase sampling designs for studying binary outcomes. <i>Biometrics</i> , 2020, 76, 210-223.	1.4	4
59	An efficient and computationally robust statistical method for analyzing case-control mother-offspring pair genetic association studies. <i>Annals of Applied Statistics</i> , 2020, 14, .	1.1	4
60	Retrospective Likelihood-Based Methods for Analyzing Case-Cohort Genetic Association Studies. <i>Biometrics</i> , 2015, 71, 960-968.	1.4	3
61	Precision prophylaxis: Identifying the optimal timing for risk-reducing salpingo-oophorectomy based on type of BRCA1 and BRCA2 cluster region mutations. <i>Gynecologic Oncology</i> , 2020, 156, 363-376.	1.4	3
62	Respiratory Motion Mitigation and Repeatability of Two Diffusion-Weighted MRI Methods Applied to a Murine Model of Spontaneous Pancreatic Cancer. <i>Tomography</i> , 2021, 7, 66-79.	1.8	3
63	Impact of Behavioral Nudges on the Quality of Serious Illness Conversations Among Patients With Cancer: Secondary Analysis of a Randomized Controlled Trial. <i>JCO Oncology Practice</i> , 2022, 18, e495-e503.	2.9	3
64	Conditional Likelihood Methods for Haplotype-Based Association Analysis Using Matched Case-Control Data. <i>Biometrics</i> , 2007, 63, 1099-1107.	1.4	2
65	Efficient unified rare variant association test by modeling the population genetic distribution in case-control studies. <i>Genetic Epidemiology</i> , 2016, 40, 579-590.	1.3	2
66	Extreme-value sampling design is cost-beneficial only with a valid statistical approach for exposure-secondary outcome association analyses. <i>Statistical Methods in Medical Research</i> , 2020, 29, 466-480.	1.5	2
67	Covariate adjusted inference of parent-of-origin effects using case-control mother-child paired multilocus genotype data. <i>Genetic Epidemiology</i> , 2021, 45, 830-847.	1.3	2
68	A robust test for quantitative trait analysis with model uncertainty in genetic association studies. <i>Statistics and Its Interface</i> , 2014, 7, 61-68.	0.3	2
69	A Multi-Marker Test for Analyzing Paired Genetic Data in Transplantation. <i>Frontiers in Genetics</i> , 2021, 12, 745773.	2.3	2
70	Testing Hardy-Weinberg equilibrium using mother-child case-control samples. <i>Genetic Epidemiology</i> , 2009, 33, 539-548.	1.3	1
71	A robust association test for detecting genetic variants with heterogeneous effects. <i>Biostatistics</i> , 2015, 16, 5-16.	1.5	1
72	Testing calibration of phenotyping models using positive-only electronic health record data. <i>Biostatistics</i> , 2021, , .	1.5	1

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73	Trajectories of mortality risk among patients with cancer and associated end-of-life utilization. <i>Npj Digital Medicine</i> , 2021, 4, 104.	10.9	1
74	Two-Stage Approaches to Accounting for Patient Heterogeneity in Machine Learning Risk Prediction Models in Oncology. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 1015-1023.	2.1	1
75	Phenotyping issues for exploring electronic health records to design clinical trials. <i>Clinical Trials</i> , 2020, 17, 402-404.	1.6	0
76	Statistical Methods for Analyzing Two-Phase Studies. <i>Frontiers of Statistics</i> , 2009, , 127-155.	0.2	0
77	A Population-Level Analysis of Pituitary Carcinoma from the National Cancer Database. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.8	0
78	OUP accepted manuscript. <i>Biostatistics</i> , 2021, , .	1.5	0
79	A Robust Approach for Electronic Health Record-Based Case-Control Studies with Contaminated Case Pools. <i>Biometrics</i> , 2023, 79, 2023-2035.	1.4	0