

# Jiang Gui

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,320  
citations

471509

17  
h-index

361022

35  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Penalized Cox regression analysis in the high-dimensional and low-sample size settings, with applications to microarray gene expression data. <i>Bioinformatics</i> , 2005, 21, 3001-3008.	4.1	453
2	Gradient directed regularization for sparse Gaussian concentration graphs, with applications to inference of genetic networks. <i>Biostatistics</i> , 2006, 7, 302-317.	1.5	131
3	Bladder cancer SNP panel predicts susceptibility and survival. <i>Human Genetics</i> , 2009, 125, 527-539.	3.8	85
4	A Simple and Computationally Efficient Approach to Multifactor Dimensionality Reduction Analysis of Gene-Gene Interactions for Quantitative Traits. <i>PLoS ONE</i> , 2013, 8, e66545.	2.5	82
5	A Robust Multifactor Dimensionality Reduction Method for Detecting Gene-Gene Interactions with Application to the Genetic Analysis of Bladder Cancer Susceptibility. <i>Annals of Human Genetics</i> , 2011, 75, 20-28.	0.8	62
6	A novel survival multifactor dimensionality reduction method for detecting gene-gene interactions with application to bladder cancer prognosis. <i>Human Genetics</i> , 2011, 129, 101-110.	3.8	57
7	Prenatal exposure to metal mixture and sex-specific birth outcomes in the New Hampshire Birth Cohort Study. <i>Environmental Epidemiology</i> , 2019, 3, e068.	3.0	51
8	Regulatory T cells are not a strong predictor of survival for patients with glioblastoma. <i>Neuro-Oncology</i> , 2015, 17, 801-809.	1.2	43
9	Geospatial association between adverse birth outcomes and arsenic in groundwater in New Hampshire, USA. <i>Environmental Geochemistry and Health</i> , 2015, 37, 333-351.	3.4	31
10	MR-Guided Near-Infrared Spectral Tomography Increases Diagnostic Performance of Breast MRI. <i>Clinical Cancer Research</i> , 2015, 21, 3906-3912.	7.0	29
11	Auditory Impairments in HIV-Infected Children. <i>Ear and Hearing</i> , 2016, 37, 443-451.	2.1	27
12	A Simple and Computationally Efficient Sampling Approach to Covariate Adjustment for Multifactor Dimensionality Reduction Analysis of Epistasis. <i>Human Heredity</i> , 2010, 70, 219-225.	0.8	26
13	Development and validation of an ex vivo electron paramagnetic resonance fingernail biodosimetric method. <i>Radiation Protection Dosimetry</i> , 2014, 159, 172-181.	0.8	25
14	Pesticides applied to crops and amyotrophic lateral sclerosis risk in the U.S. <i>NeuroToxicology</i> , 2021, 87, 128-135.	3.0	25
15	Speech in Noise Perception as a Marker of Cognitive Impairment in HIV Infection. <i>Ear and Hearing</i> , 2018, 39, 548-554.	2.1	24
16	A Retrospective Comparative Effectiveness Study of Medications for Posttraumatic Stress Disorder in Routine Practice. <i>Journal of Clinical Psychiatry</i> , 2018, 79, .	2.2	20
17	Optimization of image reconstruction for magnetic resonance imaging-guided near-infrared diffuse optical spectroscopy in breast. <i>Journal of Biomedical Optics</i> , 2015, 20, 056009.	2.6	19
18	Addition of T2-guided optical tomography improves noncontrast breast magnetic resonance imaging diagnosis. <i>Breast Cancer Research</i> , 2017, 19, 117.	5.0	16

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19	Weighted multiple testing procedures for genomic studies. <i>BioData Mining</i> , 2012, 5, 4.	4.0	13
20	Hearing complaints in HIV infection originate in the brain not the ear. <i>Aids</i> , 2019, 33, 1449-1454.	2.2	13
21	Measurement Strategies for Evidence-Based Psychotherapy for Posttraumatic Stress Disorder Delivery: Trends and Associations with Patient-Reported Outcomes. <i>Administration and Policy in Mental Health and Mental Health Services Research</i> , 2020, 47, 451-467.	2.1	11
22	Including diverse and admixed populations in genetic epidemiology research. <i>Genetic Epidemiology</i> , 2022, 46, 347-371.	1.3	11
23	Central Auditory Tests to Track Cognitive Function in People With HIV: Longitudinal Cohort Study. <i>JMIR Formative Research</i> , 2021, 5, e26406.	1.4	8
24	The Relationship Between Central Auditory Tests and Neurocognitive Domains in Adults Living With HIV. <i>Frontiers in Neuroscience</i> , 2021, 15, 696513.	2.8	7
25	Comparing Medications for DSM-5 PTSD in Routine VA Practice. <i>Journal of Clinical Psychiatry</i> , 2020, 81, .	2.2	7
26	An Integrated Gaussian Graphical Model to evaluate the impact of exposures on metabolic networks. <i>Computers in Biology and Medicine</i> , 2019, 114, 103417.	7.0	5
27	Role of a Genetic Variant on the 15q25.1 Lung Cancer Susceptibility Locus in Smoking-Associated Nasopharyngeal Carcinoma. <i>PLoS ONE</i> , 2014, 9, e109036.	2.5	5
28	Mining Clinical Data for Novel PTSD Medications. <i>Biological Psychiatry</i> , 2021, , .	1.3	5
29	Chemical exposures assessed via silicone wristbands and endogenous plasma metabolomics during pregnancy. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 259-267.	3.9	5
30	A virtual, pilot randomized trial of a brief intervention to prevent suicide in an integrated healthcare setting. <i>General Hospital Psychiatry</i> , 2022, 75, 68-74.	2.4	5
31	A Pilot Randomized Trial of a Brief Intervention to Prevent Suicide After Inpatient Psychiatric Discharge. <i>Psychiatric Services</i> , 2021, 72, 1320-1323.	2.0	4
32	Identification of microbial interaction network: zero-inflated latent Ising model based approach. <i>BioData Mining</i> , 2020, 13, 16.	4.0	3
33	A new efficient method to detect genetic interactions for lung cancer GWAS. <i>BMC Medical Genomics</i> , 2020, 13, 162.	1.5	3
34	Information enhanced model selection for Gaussian graphical model with application to metabolomic data. <i>Biostatistics</i> , 2022, 23, 926-948.	1.5	3
35	Testing multiple hypotheses through IMP weighted FDR based on a genetic functional network with application to a new zebrafish transcriptome study. <i>BioData Mining</i> , 2015, 8, 17.	4.0	2
36	Breast cancer detection using Ktrans MRI imaging to guide near infrared spectroscopy tomography. , 2017, , .		1

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37	Measurement Strategies for Evidence-Based Antidepressants for Posttraumatic Stress Disorder Delivery: Trends and Associations with Patient-Reported Outcomes. Administration and Policy in Mental Health and Mental Health Services Research, 2021, 48, 70-87.	2.1	1
38	Peripheral Auditory Function in Young HIV-Positive Adults With Clinically Normal Hearing. Otolaryngology - Head and Neck Surgery, 2021, , 019459982110471.	1.9	1
39	Penalized estimation of sparse concentration matrices based on prior knowledge with applications to placenta elemental data. Computational Biology and Chemistry, 2017, 71, 219-223.	2.3	0
40	Prediction of an outcome using NETWORK Clusters (NET-C). Computational Biology and Chemistry, 2021, 90, 107425.	2.3	0
41	Whole-exome sequencing identifies functional classes of gene mutations associated with bone marrow failure in pediatric Fanconi Anemia patients. European Journal of Haematology, 2021, 107, 293-294.	2.2	0
42	Distance From a Tertiary Care Center Is Not a Barrier to Transplant for Patients with Myeloma.. Blood, 2009, 114, 4366-4366.	1.4	0