

# Jian Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

2,166  
citations

279798

23  
h-index

254184

43  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Interaction Selection Model for Multimodal Neuroimaging Data Analysis. <i>Biometrics</i> , 2023, 79, 655-668.	1.4	0
2	A spatial Bayesian latent factor model for image-to-image regression. <i>Biometrics</i> , 2022, 78, 72-84.	1.4	7
3	Stratified Cox models with time-varying effects for national kidney transplant patients: A new blockwise steepest ascent method. <i>Biometrics</i> , 2022, 78, 1221-1232.	1.4	4
4	Distributional independent component analysis for diverse neuroimaging modalities. <i>Biometrics</i> , 2022, 78, 1092-1105.	1.4	4
5	Deep historical borrowing framework to prospectively and simultaneously synthesize control information in confirmatory clinical trials with multiple endpoints. <i>Journal of Biopharmaceutical Statistics</i> , 2022, 32, 90-106.	0.8	3
6	Rejoinder to discussions of "distributional independent component analysis for diverse neuroimaging modalities". <i>Biometrics</i> , 2022, 78, 1122-1126.	1.4	1
7	Feature selection and classification over the network with missing node observations. <i>Statistics in Medicine</i> , 2022, 41, 1242-1262.	1.6	1
8	Finite-Sample Two-Group Composite Hypothesis Testing via Machine Learning. <i>Journal of Computational and Graphical Statistics</i> , 2022, 31, 856-865.	1.7	2
9	Spatiotemporal distribution and control measure evaluation of droplets and aerosol clouds in dental procedures. <i>Infection Control and Hospital Epidemiology</i> , 2022, , 1-3.	1.8	2
10	Scalable proximal methods for cause-specific hazard modeling with time-varying coefficients. <i>Lifetime Data Analysis</i> , 2022, 28, 194-218.	0.9	3
11	Bayesian Inferences on Neural Activity in EEG-Based Brain-Computer Interface. <i>Journal of the American Statistical Association</i> , 2022, 117, 1122-1133.	3.1	5
12	Roles Played by Stress-Induced Pathways in Driving Ethnic Heterogeneity for Inflammatory Skin Diseases. <i>Frontiers in Immunology</i> , 2022, 13, 845655.	4.8	4
13	Metapone: a Bioconductor package for joint pathway testing for untargeted metabolomics data. <i>Bioinformatics</i> , 2022, 38, 3662-3664.	4.1	4
14	Discussion of "Statistical disease mapping for heterogeneous neuroimaging studies". <i>Canadian Journal of Statistics</i> , 2021, 49, 35-38.	0.9	1
15	Bayesian hierarchical models for high-dimensional mediation analysis with coordinated selection of correlated mediators. <i>Statistics in Medicine</i> , 2021, 40, 6038-6056.	1.6	8
16	Bayesian Sparse Mediation Analysis with Targeted Penalization of Natural Indirect Effects. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 1391-1412.	1.0	13
17	Bayesian modeling of dependence in brain connectivity data. <i>Biostatistics</i> , 2020, 21, 269-286.	1.5	12
18	Optimizing Graphical Procedures for Multiplicity Control in a Confirmatory Clinical Trial via Deep Learning. <i>Statistics in Biopharmaceutical Research</i> , 2020, 14, 1-11.	0.8	6

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19	Affect in the Aging Brain: A Neuroimaging Meta-Analysis of Older Vs. Younger Adult Affective Experience and Perception. <i>Affective Science</i> , 2020, 1, 128-154.	2.6	12
20	Feature screening under missing indicator imputation with non-ignorable missing response. <i>Computational Statistics and Data Analysis</i> , 2020, 149, 106975.	1.2	0
21	Bayesian Network Marker Selection via the Thresholded Graph Laplacian Gaussian Prior. <i>Bayesian Analysis</i> , 2020, 15, 79-102.	3.0	7
22	Covariance-insured screening. <i>Computational Statistics and Data Analysis</i> , 2019, 132, 100-114.	1.2	10
23	A selective overview of feature screening methods with applications to neuroimaging data. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2019, 11, e1454.	3.9	6
24	Bayesian Multiresolution Variable Selection for Ultra-High Dimensional Neuroimaging Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 537-550.	3.0	9
25	Scalar-on-image regression via the soft-thresholded Gaussian process. <i>Biometrika</i> , 2018, 105, 165-184.	2.4	43
26	Missing value imputation for LC-MS metabolomics data by incorporating metabolic network and adduct ion relations. <i>Bioinformatics</i> , 2018, 34, 1555-1561.	4.1	17
27	Conditional screening for ultra-high dimensional covariates with survival outcomes. <i>Lifetime Data Analysis</i> , 2018, 24, 45-71.	0.9	37
28	Detecting Spatial Clusters via a Mixture of Dirichlet Processes. <i>Journal of Probability and Statistics</i> , 2018, 2018, 1-12.	0.7	1
29	Estimating large covariance matrix with network topology for high-dimensional biomedical data. <i>Computational Statistics and Data Analysis</i> , 2018, 127, 82-95.	1.2	14
30	A Bayesian Spatial Model to Predict Disease Status Using Imaging Data From Various Modalities. <i>Frontiers in Neuroscience</i> , 2018, 12, 184.	2.8	6
31	Network Marker Selection for Untargeted LC-MS Metabolomics Data. <i>Journal of Proteome Research</i> , 2017, 16, 1261-1269.	3.7	11
32	High-dimensional tests for functional networks of brain anatomic regions. <i>Journal of Multivariate Analysis</i> , 2017, 156, 70-88.	1.0	2
33	Body Temperature Modulates Infarction Growth following Endovascular Reperfusion. <i>American Journal of Neuroradiology</i> , 2017, 38, 46-51.	2.4	19
34	Partition-based ultrahigh-dimensional variable screening. <i>Biometrika</i> , 2017, 104, 785-800.	2.4	15
35	Latent and Abnormal Functional Connectivity Circuits in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2017, 11, 125.	2.8	14
36	Effect of antiplatelet therapy and platelet function testing on hemorrhagic and thrombotic complications in patients with cerebral aneurysms treated with the pipeline embolization device: a review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 58-65.	3.3	96

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37	An Efficient and Reliable Statistical Method for Estimating Functional Connectivity in Large Scale Brain Networks Using Partial Correlation. <i>Frontiers in Neuroscience</i> , 2016, 10, 123.	2.8	86
38	Editorial: Recent Advances and Challenges on Big Data Analysis in Neuroimaging. <i>Frontiers in Neuroscience</i> , 2016, 10, 505.	2.8	7
39	A Bayesian hierarchical model with novel prior specifications for estimating HIV testing rates. <i>Statistics in Medicine</i> , 2016, 35, 1471-1487.	1.6	6
40	Across-Platform Imputation of DNA Methylation Levels Incorporating Nonlocal Information Using Penalized Functional Regression. <i>Genetic Epidemiology</i> , 2016, 40, 333-340.	1.3	10
41	Semiparametric Bayes conditional graphical models for imaging genetics applications. <i>Stat</i> , 2016, 5, 322-337.	0.4	6
42	Magnetic Resonance Imaging of Temporomandibular Joints of Children. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 1723-1727.	1.2	11
43	Bibliometric Analysis of Manuscript Title Characteristics Associated With Higher Citation Numbers: A Comparison of Three Major Radiology Journals, <i>AJNR</i> , <i>AJR</i> , and <i>Radiology</i> . <i>Current Problems in Diagnostic Radiology</i> , 2016, 45, 356-360.	1.4	13
44	A depression network of functionally connected regions discovered via multi-attribute canonical correlation graphs. <i>NeuroImage</i> , 2016, 141, 431-441.	4.2	17
45	Bayesian network feature finder (BANFF): an R package for gene network feature selection. <i>Bioinformatics</i> , 2016, 32, 3685-3687.	4.1	11
46	Discussion of "Fiber direction estimation in diffusion MRI". <i>Annals of Applied Statistics</i> , 2016, 10, 1162-1165.	1.1	0
47	Altered Mental Status in ICU Patients: Diagnostic Yield of Noncontrast Head CT for Abnormal and Communicable Findings. <i>Critical Care Medicine</i> , 2016, 44, e1180-e1185.	0.9	11
48	In Reply. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 1711-1712.	1.2	0
49	Determination of Normal Distribution of Distended Colon Volumes to Guide Performance of Colonic Imaging With Fluid Distention. <i>Current Problems in Diagnostic Radiology</i> , 2016, 45, 185-188.	1.4	0
50	Shorter Perceived Outpatient MRI Wait Times Associated With Higher Patient Satisfaction. <i>Journal of the American College of Radiology</i> , 2016, 13, 505-509.	1.8	26
51	Performance of CT ASPECTS and Collateral Score in Risk Stratification: Can Target Perfusion Profiles Be Predicted without Perfusion Imaging?. <i>American Journal of Neuroradiology</i> , 2016, 37, 1399-1404.	2.4	25
52	Identifying Activation Centers with Spatial Cox Point Processes Using fMRI Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2016, 13, 1130-1141.	3.0	5
53	Policy change eliminating body checking in non-elite ice hockey leads to a threefold reduction in injury and concussion risk in 11- and 12-year-old players. <i>British Journal of Sports Medicine</i> , 2016, 50, 55-61.	6.7	77
54	Colorectal Cancer Initial Diagnosis: Screening Colonoscopy, Diagnostic Colonoscopy, or Emergent Surgery, and Tumor Stage and Size at Initial Presentation. <i>Clinical Colorectal Cancer</i> , 2016, 15, 67-73.	2.3	96

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55	A parsimonious statistical method to detect groupwise differentially expressed functional connectivity networks. <i>Human Brain Mapping</i> , 2015, 36, 5196-5206.	3.6	31
56	An empirical Bayes normalization method for connectivity metrics in resting state fMRI. <i>Frontiers in Neuroscience</i> , 2015, 9, 316.	2.8	14
57	Involvement of Sensory Regions in Affective Experience: A Meta-Analysis. <i>Frontiers in Psychology</i> , 2015, 6, 1860.	2.1	78
58	A Bayesian Model of Category-Specific Emotional Brain Responses. <i>PLoS Computational Biology</i> , 2015, 11, e1004066.	3.2	212
59	Optimal section thickness for detection of polyps at MR: resolution phantom study. <i>Abdominal Imaging</i> , 2015, 40, 1451-1456.	2.0	0
60	Incidence, mechanism and risk factors for injury in youth rock climbers. <i>British Journal of Sports Medicine</i> , 2015, 49, 44-50.	6.7	49
61	Absorbed Radiation Dose in Radiosensitive Organs Using 64- and 320-Row Multidetector Computed Tomography: A Comparative Study. <i>Scientifica</i> , 2014, 2014, 1-6.	1.7	2
62	Cervicovestibular rehabilitation in sport-related concussion: a randomised controlled trial. <i>British Journal of Sports Medicine</i> , 2014, 48, 1294-1298.	6.7	288
63	Reality check: the cost-effectiveness of removing body checking from youth ice hockey. <i>British Journal of Sports Medicine</i> , 2014, 48, 1299-1305.	6.7	30
64	Identifying functional coactivation patterns in neuroimaging studies via poisson graphical models. <i>Biometrics</i> , 2014, 70, 812-822.	1.4	12
65	Ventriculoperitoneal Shunt Malfunction: Cumulative Effect of Cost, Radiation, and Turnaround Time on the Patient and the Health Care System. <i>American Journal of Roentgenology</i> , 2014, 202, 13-17.	2.2	34
66	Diagnostic Utility of MRI and MR Arthrography for Detection of Ligamentum Teres Tears: A Retrospective Analysis of 187 Patients With Hip Pain. <i>American Journal of Roentgenology</i> , 2014, 203, 418-423.	2.2	30
67	Assessing remedies for missing weekly individual exposure in sport injury studies. <i>Injury Prevention</i> , 2014, 20, 177-182.	2.4	9
68	A Bayesian nonparametric model for spatially distributed multivariate binary data with application to a multidrug-resistant tuberculosis (MDR-TB) study. <i>Biometrics</i> , 2014, 70, 981-992.	1.4	7
69	Cumulative Radiation Exposure Estimates of Hospitalized Patients from Radiological Imaging. <i>Journal of the American College of Radiology</i> , 2014, 11, 169-175.	1.8	21
70	Efficient pairwise composite likelihood estimation for spatially clustered data. <i>Biometrics</i> , 2014, 70, 661-670.	1.4	27
71	Redefining Normal Facial Nerve Enhancement: Healthy Subject Comparison of Typical Enhancement Patterns in Unenhanced and Contrast-Enhanced Spin-Echo Versus 3D Inversion Recovery Prepared Fast Spoiled Gradient-Echo Imaging. <i>American Journal of Roentgenology</i> , 2014, 202, 1108-1113.	2.2	19
72	A Bayesian nonparametric mixture model for selecting genes and gene subnetworks. <i>Annals of Applied Statistics</i> , 2014, 8, 999-1021.	1.1	10

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73	A Bayesian hierarchical spatial point process model for multi-type neuroimaging meta-analysis. <i>Annals of Applied Statistics</i> , 2014, 8, 1800-1824.	1.1	24
74	Imaging quality of F-18-FDG PET/CT in the inpatient versus outpatient setting. <i>Annals of Nuclear Medicine</i> , 2013, 27, 508-514.	2.2	2
75	Assessing the representativeness of Canadian Hospitals Injury Reporting and Prevention Programme (CHIRPP) sport and recreational injury data in Calgary, Canada. <i>International Journal of Injury Control and Safety Promotion</i> , 2013, 20, 19-26.	2.0	29
76	Statistical methods for the meta-analysis of diagnostic tests must take into account the use of surrogate standards. <i>Journal of Clinical Epidemiology</i> , 2013, 66, 566-574.e1.	5.0	6
77	Performance of Spin-Echo and Gradient-Echo T1-Weighted Sequences for Evaluation of Dural Venous Sinus Thrombosis and Stenosis. <i>American Journal of Roentgenology</i> , 2013, 201, 162-169.	2.2	27
78	AbCD: arbitrary coverage design for sequencing-based genetic studies. <i>Bioinformatics</i> , 2013, 29, 799-801.	4.1	13
79	Lessons Learned from 118,970 Multidetector Computed Tomographic Intravenous Contrast Material Administrations. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 286-288.	0.9	12
80	Meta-Analysis of Functional Neuroimaging Studies of Emotion Perception and Experience in Schizophrenia. <i>Biological Psychiatry</i> , 2012, 71, 136-145.	1.3	240
81	Reply to: Neurobiology of Emotional Dysfunction in Schizophrenia: New Directions Revealed Through Meta-Analyses. <i>Biological Psychiatry</i> , 2012, 71, e25.	1.3	0
82	Local Mixed-Effects Fitting for Detecting Reproductive Hormone Surge Times. <i>Statistics in Biosciences</i> , 2012, 4, 245-261.	1.2	0
83	Meta Analysis of Functional Neuroimaging Data via Bayesian Spatial Point Processes. <i>Journal of the American Statistical Association</i> , 2011, 106, 124-134.	3.1	48
84	ADAPtation of Platelet Integrin $\alpha$ IIb $\beta$ 3 to Inside-Out Activation Signals. <i>Blood</i> , 2011, 118, 188-188.	1.4	0
85	Joint analysis of mixed Poisson and continuous longitudinal data with nonignorable missing values. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 193-207.	1.2	17
86	An unusual haplotype structure on human chromosome 8p23 derived from the inversion polymorphism. <i>Human Mutation</i> , 2008, 29, 1209-1216.	2.5	30
87	Regression models for mixed Poisson and continuous longitudinal data. <i>Statistics in Medicine</i> , 2007, 26, 3782-3800.	1.6	35
88	Scanning for signatures of geographically restricted selection based on population genomics analysis. <i>Science Bulletin</i> , 2007, 52, 2649-2656.	1.7	3
89	Discussion to: Bayesian graphical models for modern biological applications by Y. Ni, V. Baladandayuthapani, M. Vannucci and F.C. Stingo. <i>Statistical Methods and Applications</i> , 0, , 1.	1.2	0
90	On predictability of individual functional connectivity networks from clinical characteristics. <i>Human Brain Mapping</i> , 0, , .	3.6	1