# Jian Kang

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5097308/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 90 papers | 2,166 citations | 318942 23 h-index | 286692 43 g-index |
| 90 all docs | 90 docs citations | 90 times ranked | 3733 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bayesian Interaction Selection Model for Multimodal Neuroimaging Data Analysis. Biometrics, 2023, 79, 655-668. | 0.8 | 0 |
| 2 | A spatial Bayesian latent factor model for imageâ€onâ€image regression. Biometrics, 2022, 78, 72-84. | 0.8 | 7 |
| 3 | Stratified Cox models with timeâ€varying effects for national kidney transplant patients: A new blockwise steepest ascent method. Biometrics, 2022, 78, 1221-1232. | 0.8 | 4 |
| 4 | Distributional independent component analysis for diverse neuroimaging modalities. Biometrics, 2022, 78, 1092-1105. | 0.8 | 4 |
| 5 | Deep historical borrowing framework to prospectively and simultaneously synthesize control information in confirmatory clinical trials with multiple endpoints. Journal of Biopharmaceutical Statistics, 2022, 32, 90-106. | 0.4 | 3 |
| 6 | Rejoinder to discussions of â€œdistributional independent component analysis for diverse neuroimaging modalitiesâ€• Biometrics, 2022, 78, 1122-1126. | 0.8 | 1 |
| 7 | Feature selection and classification over the network with missing node observations. Statistics in Medicine, 2022, 41, 1242-1262. | 0.8 | 1 |
| 8 | Finite-Sample Two-Group Composite Hypothesis Testing via Machine Learning. Journal of Computational and Graphical Statistics, 2022, 31, 856-865. | 0.9 | 2 |
| 9 | Spatiotemporal distribution and control measure evaluation of droplets and aerosol clouds in dental procedures. Infection Control and Hospital Epidemiology, 2022, , 1-3. | 1.0 | 2 |
| 10 | Scalable proximal methods for cause-specific hazard modeling with time-varying coefficients. Lifetime Data Analysis, 2022, 28, 194-218. | 0.4 | 3 |
| 11 | Bayesian Inferences on Neural Activity in EEG-Based Brain-Computer Interface. Journal of the American Statistical Association, 2022, 117, 1122-1133. | 1.8 | 5 |
| 12 | Roles Played by Stress-Induced Pathways in Driving Ethnic Heterogeneity for Inflammatory Skin Diseases. Frontiers in Immunology, 2022, 13, 845655. | 2.2 | 4 |
| 13 | Metapone: a Bioconductor package for joint pathway testing for untargeted metabolomics data. Bioinformatics, 2022, 38, 3662-3664. | 1.8 | 4 |
| 14 | Discussion of â€œStatistical disease mapping forÂheterogeneous neuroimaging studiesâ€• Canadian Journal of Statistics, 2021, 49, 35-38. | 0.6 | 1 |
| 15 | Bayesian hierarchical models for highâ€dimensional mediation analysis with coordinated selection of correlated mediators. Statistics in Medicine, 2021, 40, 6038-6056. | 0.8 | 8 |
| 16 | Bayesian Sparse Mediation Analysis with Targeted Penalization of Natural Indirect Effects. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 1391-1412. | 0.5 | 13 |
| 17 | Bayesian modeling of dependence in brain connectivity data. Biostatistics, 2020, 21, 269-286. | 0.9 | 12 |
| 18 | Optimizing Graphical Procedures for Multiplicity Control in a Confirmatory Clinical Trial via Deep Learning. Statistics in Biopharmaceutical Research, 2020, 14, 1-11. | 0.6 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Affect in the Aging Brain: A Neuroimaging Meta-Analysis of Older Vs. Younger Adult Affective Experience and Perception. Affective Science, 2020, 1, 128-154. | 1.5 | 12 |
| 20 | Feature screening under missing indicator imputation with non-ignorable missing response. Computational Statistics and Data Analysis, 2020, 149, 106975. | 0.7 | 0 |
| 21 | Bayesian Network Marker Selection via the Thresholded Graph Laplacian Gaussian Prior. Bayesian Analysis, 2020, 15, 79-102. | 1.6 | 7 |
| 22 | Covariance-insured screening. Computational Statistics and Data Analysis, 2019, 132, 100-114. | 0.7 | 10 |
| 23 | A selective overview of feature screening methods with applications to neuroimaging data. Wiley Interdisciplinary Reviews: Computational Statistics, 2019, 11, e1454. | 2.1 | 6 |
| 24 | Bayesian Multiresolution Variable Selection for Ultra-High Dimensional Neuroimaging Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 537-550. | 1.9 | 9 |
| 25 | Scalar-on-image regression via the soft-thresholded Gaussian process. Biometrika, 2018, 105, 165-184. | 1.3 | 43 |
| 26 | Missing value imputation for LC-MS metabolomics data by incorporating metabolic network and adduct ion relations. Bioinformatics, 2018, 34, 1555-1561. | 1.8 | 17 |
| 27 | Conditional screening for ultra-high dimensional covariates with survival outcomes. Lifetime Data Analysis, 2018, 24, 45-71. | 0.4 | 37 |
| 28 | Detecting Spatial Clusters via a Mixture of Dirichlet Processes. Journal of Probability and Statistics, 2018, 2018, 1-12. | 0.3 | 1 |
| 29 | Estimating large covariance matrix with network topology for high-dimensional biomedical data. Computational Statistics and Data Analysis, 2018, 127, 82-95. | 0.7 | 14 |
| 30 | A Bayesian Spatial Model to Predict Disease Status Using Imaging Data From Various Modalities. Frontiers in Neuroscience, 2018, 12, 184. | 1.4 | 6 |
| 31 | Network Marker Selection for Untargeted LCâ€“MS Metabolomics Data. Journal of Proteome Research, 2017, 16, 1261-1269. | 1.8 | 11 |
| 32 | High-dimensional tests for functional networks of brain anatomic regions. Journal of Multivariate Analysis, 2017, 156, 70-88. | 0.5 | 2 |
| 33 | Body Temperature Modulates Infarction Growth following Endovascular Reperfusion. American Journal of Neuroradiology, 2017, 38, 46-51. | 1.2 | 19 |
| 34 | Partition-based ultrahigh-dimensional variable screening. Biometrika, 2017, 104, 785-800. | 1.3 | 15 |
| 35 | Latent and Abnormal Functional Connectivity Circuits in Autism Spectrum Disorder. Frontiers in Neuroscience, 2017, 11, 125. | 1.4 | 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. Journal of NeuroInterventional Surgery, 2016, 8, 58-65. | 2.0 | 96 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | An Efficient and Reliable Statistical Method for Estimating Functional Connectivity in Large Scale Brain Networks Using Partial Correlation. Frontiers in Neuroscience, 2016, 10, 123. | 1.4 | 86 |
| 38 | Editorial: Recent Advances and Challenges on Big Data Analysis in Neuroimaging. Frontiers in Neuroscience, 2016, 10, 505. | 1.4 | 7 |
| 39 | A Bayesian hierarchical model with novel prior specifications for estimating HIV testing rates. Statistics in Medicine, 2016, 35, 1471-1487. | 0.8 | 6 |
| 40 | Acrossâ€Platform Imputation of DNA Methylation Levels Incorporating Nonlocal Information Using Penalized Functional Regression. Genetic Epidemiology, 2016, 40, 333-340. | 0.6 | 10 |
| 41 | Semiparametric Bayes conditional graphical models for imaging genetics applications. Stat, 2016, 5, 322-337. | 0.3 | 6 |
| 42 | Magnetic Resonance Imaging of Temporomandibular Joints of Children. Journal of Oral and Maxillofacial Surgery, 2016, 74, 1723-1727. | 0.5 | 11 |
| 43 | Bibliometric Analysis of Manuscript Title Characteristics Associated With Higher Citation Numbers: A Comparison of Three Major Radiology Journals, AJNR, AJR, and Radiology. Current Problems in Diagnostic Radiology, 2016, 45, 356-360. | 0.6 | 13 |
| 44 | A depression network of functionally connected regions discovered via multi-attribute canonical correlation graphs. NeuroImage, 2016, 141, 431-441. | 2.1 | 17 |
| 45 | Bayesian network feature finder (BANFF): an R package for gene network feature selection. Bioinformatics, 2016, 32, 3685-3687. | 1.8 | 11 |
| 46 | Discussion of â€œFiber direction estimation in diffusion MRIâ€. Annals of Applied Statistics, 2016, 10, 1162-1165. | 0.5 | 0 |
| 47 | Altered Mental Status in ICU Patients: Diagnostic Yield of Noncontrast Head CT for Abnormal and Communicable Findings. Critical Care Medicine, 2016, 44, e1180-e1185. | 0.4 | 11 |
| 48 | In Reply. Journal of Oral and Maxillofacial Surgery, 2016, 74, 1711-1712. | 0.5 | 0 |
| 49 | Determination of Normal Distribution of Distended Colon Volumes to Guide Performance of Colonic Imaging With Fluid Distention. Current Problems in Diagnostic Radiology, 2016, 45, 185-188. | 0.6 | 0 |
| 50 | Shorter Perceived Outpatient MRI Wait Times Associated With Higher Patient Satisfaction. Journal of the American College of Radiology, 2016, 13, 505-509. | 0.9 | 26 |
| 51 | Performance of CT ASPECTS and Collateral Score in Risk Stratification: Can Target Perfusion Profiles Be Predicted without Perfusion Imaging?. American Journal of Neuroradiology, 2016, 37, 1399-1404. | 1.2 | 25 |
| 52 | Identifying Activation Centers with Spatial Cox Point Processes Using fMRI Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 1130-1141. | 1.9 | 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. British Journal of Sports Medicine, 2016, 50, 55-61. | 3.1 | 77 |
| 54 | Colorectal Cancer Initial Diagnosis: Screening Colonoscopy, Diagnostic Colonoscopy, or Emergent Surgery, and Tumor Stage and Size at Initial Presentation. Clinical Colorectal Cancer, 2016, 15, 67-73. | 1.0 | 96 |

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|---|---|---|---|
| 55 | A parsimonious statistical method to detect groupwise differentially expressed functional connectivity networks. Human Brain Mapping, 2015, 36, 5196-5206. | 1.9 | 31 |
| 56 | An empirical Bayes normalization method for connectivity metrics in resting state fMRI. Frontiers in Neuroscience, 2015, 9, 316. | 1.4 | 14 |
| 57 | Involvement of Sensory Regions in Affective Experience: A Meta-Analysis. Frontiers in Psychology, 2015, 6, 1860. | 1.1 | 78 |
| 58 | A Bayesian Model of Category-Specific Emotional Brain Responses. PLoS Computational Biology, 2015, 11, e1004066. | 1.5 | 212 |
| 59 | Optimal section thickness for detection of polyps at MR: resolution phantom study. Abdominal Imaging, 2015, 40, 1451-1456. | 2.0 | 0 |
| 60 | Incidence, mechanism and risk factors for injury in youth rock climbers. British Journal of Sports Medicine, 2015, 49, 44-50. | 3.1 | 49 |
| 61 | Absorbed Radiation Dose in Radiosensitive Organs Using 64- and 320-Row Multidetector Computed Tomography: A Comparative Study. Scientifica, 2014, 2014, 1-6. | 0.6 | 2 |
| 62 | Cervicovestibular rehabilitation in sport-related concussion: a randomised controlled trial. British Journal of Sports Medicine, 2014, 48, 1294-1298. | 3.1 | 288 |
| 63 | Reality check: the costâ€“effectiveness of removing body checking from youth ice hockey. British Journal of Sports Medicine, 2014, 48, 1299-1305. | 3.1 | 30 |
| 64 | Identifying functional coâ€activation patterns in neuroimaging studies via poisson graphical models. Biometrics, 2014, 70, 812-822. | 0.8 | 12 |
| 65 | Ventriculoperitoneal Shunt Malfunction: Cumulative Effect of Cost, Radiation, and Turnaround Time on the Patient and the Health Care System. American Journal of Roentgenology, 2014, 202, 13-17. | 1.0 | 34 |
| 66 | Diagnostic Utility of MRI and MR Arthrography for Detection of Ligamentum Teres Tears: A Retrospective Analysis of 187 Patients With Hip Pain. American Journal of Roentgenology, 2014, 203, 418-423. | 1.0 | 30 |
| 67 | Assessing remedies for missing weekly individual exposure in sport injury studies. Injury Prevention, 2014, 20, 177-182. | 1.2 | 9 |
| 68 | A Bayesian nonparametric model for spatially distributed multivariate binary data with application to a multidrugâ€resistant tuberculosis (MDRâ€TB) study. Biometrics, 2014, 70, 981-992. | 0.8 | 7 |
| 69 | Cumulative Radiation Exposure Estimates of Hospitalized Patients from Radiological Imaging. Journal of the American College of Radiology, 2014, 11, 169-175. | 0.9 | 21 |
| 70 | Efficient pairwise composite likelihood estimation for spatialâ€clustered data. Biometrics, 2014, 70, 661-670. | 0.8 | 27 |
| 71 | Redefining Normal Facial Nerve Enhancement: Healthy Subject Comparison of Typical Enhancement Patternsâ€”Unenhanced and Contrast-Enhanced Spin-Echo Versus 3D Inversion Recoveryâ€“Prepared Fast Spoiled Gradient-Echo Imaging. American Journal of Roentgenology, 2014, 202, 1108-1113. | 1.0 | 19 |
| 72 | A Bayesian nonparametric mixture model for selecting genes and gene subnetworks. Annals of Applied Statistics, 2014, 8, 999-1021. | 0.5 | 10 |

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|---|---|---|---|
| 73 | A Bayesian hierarchical spatial point process model for multi-type neuroimaging meta-analysis. Annals of Applied Statistics, 2014, 8, 1800-1824. | 0.5 | 24 |
| 74 | Imaging quality of F-18-FDG PET/CT in the inpatient versus outpatient setting. Annals of Nuclear Medicine, 2013, 27, 508-514. | 1.2 | 2 |
| 75 | Assessing the representativeness of Canadian Hospitals Injury Reporting and Prevention Programme (CHIRPP) sport and recreational injury data in Calgary, Canada. International Journal of Injury Control and Safety Promotion, 2013, 20, 19-26. | 1.0 | 29 |
| 76 | Statistical methods for the meta-analysis of diagnostic tests must take into account the use of surrogate standards. Journal of Clinical Epidemiology, 2013, 66, 566-574.e1. | 2.4 | 6 |
| 77 | Performance of Spin-Echo and Gradient-Echo T1-Weighted Sequences for Evaluation of Dural Venous Sinus Thrombosis and Stenosis. American Journal of Roentgenology, 2013, 201, 162-169. | 1.0 | 27 |
| 78 | AbCD: arbitrary coverage design for sequencing-based genetic studies. Bioinformatics, 2013, 29, 799-801. | 1.8 | 13 |
| 79 | Lessons Learned from 118,970 Multidetector Computed Tomographic Intravenous Contrast Material Administrations. Journal of Computer Assisted Tomography, 2013, 37, 286-288. | 0.5 | 12 |
| 80 | Meta-Analysis of Functional Neuroimaging Studies of Emotion Perception and Experience in Schizophrenia. Biological Psychiatry, 2012, 71, 136-145. | 0.7 | 240 |
| 81 | Reply to: Neurobiology of Emotional Dysfunction in Schizophrenia: New Directions Revealed Through Meta-Analyses. Biological Psychiatry, 2012, 71, e25. | 0.7 | 0 |
| 82 | Local Mixed-Effects Fitting for Detecting Reproductive Hormone Surge Times. Statistics in Biosciences, 2012, 4, 245-261. | 0.6 | 0 |
| 83 | Meta Analysis of Functional Neuroimaging Data via Bayesian Spatial Point Processes. Journal of the American Statistical Association, 2011, 106, 124-134. | 1.8 | 48 |
| 84 | ADAPtation of Platelet Integrin Î±IIbÎ²3 to Inside-Out Activation Signals. Blood, 2011, 118, 188-188. | 0.6 | 0 |
| 85 | Joint analysis of mixed Poisson and continuous longitudinal data with nonignorable missing values. Computational Statistics and Data Analysis, 2010, 54, 193-207. | 0.7 | 17 |
| 86 | An unusual haplotype structure on human chromosome 8p23 derived from the inversion polymorphism. Human Mutation, 2008, 29, 1209-1216. | 1.1 | 30 |
| 87 | Regression models for mixed Poisson and continuous longitudinal data. Statistics in Medicine, 2007, 26, 3782-3800. | 0.8 | 35 |
| 88 | Scanning for signatures of geographically restricted selection based on population genomics analysis. Science Bulletin, 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. Statistical Methods and Applications, 0, , 1. | 0.7 | 0 |
| 90 | On predictability of individual functional connectivity networks from clinical characteristics. Human Brain Mapping, 0, , . | 1.9 | 1 |