# Jeffrey D Blume

List of Publications by Year
in descending order

| 84 papers | 5,430 citations | 159585 30 h-index | 88630 70 g-index |
|---|---|---|---|
| 88 all docs | 88 docs citations | 88 times ranked | 6394 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Variable Selection With Second-Generation *P*-Values. American Statistician, 2022, 76, 91-101. | 1.6 | 5 |
| 2 | Effect of balanced crystalloids versus saline on urinary biomarkers of acute kidney injury in critically ill adults. BMC Nephrology, 2021, 22, 54. | 1.8 | 7 |
| 3 | FDRestimation: Flexible False Discovery Rate Computation in R. F1000Research, 2021, 10, 441. | 1.6 | 10 |
| 4 | Estimating the Posttest Probability of Long QT Syndrome Diagnosis for Rare *KCNH2* Variants. Circulation Genomic and Precision Medicine, 2021, 14, e003289. | 3.6 | 10 |
| 5 | Missing data and prediction: the pattern submodel. Biostatistics, 2020, 21, 236-252. | 1.5 | 37 |
| 6 | Defining Equity in Eligibility for Cancer Screening—Reply. JAMA Oncology, 2020, 6, 156. | 7.1 | 0 |
| 7 | 4497 Accessible False Discovery Rate Computation. Journal of Clinical and Translational Science, 2020, 4, 44-44. | 0.6 | 0 |
| 8 | A Bayesian method to estimate variant-induced disease penetrance. PLoS Genetics, 2020, 16, e1008862. | 3.5 | 11 |
| 9 | A Robust Effect Size Index. Psychometrika, 2020, 85, 232-246. | 2.1 | 31 |
| 10 | A Bayesian method to estimate variant-induced disease penetrance. , 2020, 16, e1008862. | | 0 |
| 11 | A Bayesian method to estimate variant-induced disease penetrance. , 2020, 16, e1008862. | | 0 |
| 12 | A Bayesian method to estimate variant-induced disease penetrance. , 2020, 16, e1008862. | | 0 |
| 13 | A Bayesian method to estimate variant-induced disease penetrance. , 2020, 16, e1008862. | | 0 |
| 14 | A Bayesian method to estimate variant-induced disease penetrance. , 2020, 16, e1008862. | | 0 |
| 15 | A Bayesian method to estimate variant-induced disease penetrance. , 2020, 16, e1008862. | | 0 |
| 16 | Evaluation of USPSTF Lung Cancer Screening Guidelines Among African American Adult Smokers. JAMA Oncology, 2019, 5, 1318. | 7.1 | 160 |
| 17 | 3145 An Evaluation of Machine Learning and Traditional Statistical Methods for Discovery in Large-Scale Translational Data. Journal of Clinical and Translational Science, 2019, 3, 2-2. | 0.6 | 1 |
| 18 | The GRE over the entire range of scores lacks predictive ability for PhD outcomes in the biomedical sciences. PLoS ONE, 2019, 14, e0201634. | 2.5 | 23 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | An Introduction to Second-Generation *p*-Values. American Statistician, 2019, 73, 157-167. | 1.6 | 52 |
| 20 | Protein structure aids predicting functional perturbation of missense variants in SCN5A and KCNQ1. Computational and Structural Biotechnology Journal, 2019, 17, 206-214. | 4.1 | 19 |
| 21 | A Regression Framework for Causal Mediation Analysis with Applications to Behavioral Science. Multivariate Behavioral Research, 2019, 54, 555-577. | 3.1 | 3 |
| 22 | Second-Generation P-Values, Shrinkage, and Regularized Models. Frontiers in Ecology and Evolution, 2019, 7, . | 2.2 | 2 |
| 23 | Risk Prediction in Clinical Practice: A Practical Guide for Cardiothoracic Surgeons. Annals of Thoracic Surgery, 2019, 108, 1573-1582. | 1.3 | 4 |
| 24 | Discovering novel disease comorbidities using electronic medical records. PLoS ONE, 2019, 14, e0225495. | 2.5 | 8 |
| 25 | Accuracy of a Novel Histoplasmosis Enzyme Immunoassay to Evaluate Suspicious Lung Nodules. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 321-326. | 2.5 | 20 |
| 26 | Volume at First Leak Is Associated With Sling Failure Among Women With Stress Urinary Incontinence. Female Pelvic Medicine and Reconstructive Surgery, 2019, 25, 294-297. | 1.1 | 3 |
| 27 | Acute Kidney Injury and Subsequent Frailty Status in Survivors of Critical Illness: A Secondary Analysis. Critical Care Medicine, 2018, 46, e380-e388. | 0.9 | 36 |
| 28 | Assessment of Fluorodeoxyglucose F18–Labeled Positron Emission Tomography for Diagnosis of High-Risk Lung Nodules. JAMA Surgery, 2018, 153, 329. | 4.3 | 26 |
| 29 | *SCN5A* ($Na_V$ 1.5) Variant Functional Perturbation and Clinical Presentation. Circulation Genomic and Precision Medicine, 2018, 11, e002095. | 3.6 | 36 |
| 30 | Racial Disparities in Lung Cancer Survival: The Contribution of Stage, Treatment, and Ancestry. Journal of Thoracic Oncology, 2018, 13, 1464-1473. | 1.1 | 38 |
| 31 | A classical regression framework for mediation analysis: fitting one model to estimate mediation effects. Biostatistics, 2018, 19, 514-528. | 1.5 | 23 |
| 32 | Second-generation p-values: Improved rigor, reproducibility, &amp; transparency in statistical analyses. PLoS ONE, 2018, 13, e0188299. | 2.5 | 53 |
| 33 | Latent variable modeling improves AKI risk factor identification and AKI prediction compared to traditional methods. BMC Nephrology, 2017, 18, 55. | 1.8 | 6 |
| 34 | Variables affecting maximum urethral closure pressure (MUCP) and abdominal leak point pressure (ALPP) measurements. International Urogynecology Journal, 2017, 28, 1651-1656. | 1.4 | 3 |
| 35 | Predicting the Functional Impact of KCNQ1 Variants of Unknown Significance. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 40 |
| 36 | Acute Kidney Injury as a Risk Factor for Delirium and Coma during Critical Illness. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1597-1607. | 5.6 | 73 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | High‑Density Lipoprotein Cholesterol Concentration and Acute Kidney Injury After Cardiac Surgery. Journal of the American Heart Association, 2017, 6, . | 3.7 | 21 |
| 38 | A general approach to risk modeling using partial surrogate markers with application to perioperative acute kidney injury. Diagnostic and Prognostic Research, 2017, 1, 21. | 1.8 | 0 |
| 39 | Building and Validating Complex Models of Breast Cancer Risk. JAMA Oncology, 2016, 2, 1271. | 7.1 | 2 |
| 40 | Documentation of an Imperative To Improve Methods for Predicting Membrane Protein Stability. Biochemistry, 2016, 55, 5002-5009. | 2.5 | 46 |
| 41 | Safety and Efficacy of $^{68}$Ga-DOTATATE PET/CT for Diagnosis, Staging, and Treatment Management of Neuroendocrine Tumors. Journal of Nuclear Medicine, 2016, 57, 708-714. | 5.0 | 183 |
| 42 | $^{68}$Ga-DOTATATE Compared with $^{111}$In-DTPA-Octreotide and Conventional Imaging for Pulmonary and Gastroenteropancreatic Neuroendocrine Tumors: A Systematic Review and Meta-Analysis. Journal of Nuclear Medicine, 2016, 57, 872-878. | 5.0 | 196 |
| 43 | A Reply to Bertolaccini et al.. Journal of Thoracic Oncology, 2015, 10, e8-e9. | 1.1 | 0 |
| 44 | Heterogeneity in Meta-analysis of FDG-PET Studies to Diagnose Lung Cancer—Reply. JAMA - Journal of the American Medical Association, 2015, 313, 419. | 7.4 | 0 |
| 45 | Simultaneous control of error rates in fMRI data analysis. NeuroImage, 2015, 123, 102-113. | 4.2 | 6 |
| 46 | Elucidating the Foundations of Statistical Inference with 2 x 2 Tables. PLoS ONE, 2015, 10, e0121263. | 2.5 | 25 |
| 47 | Accuracy of FDG-PET to Diagnose Lung Cancer in Areas With Infectious Lung Disease. JAMA - Journal of the American Medical Association, 2014, 312, 1227. | 7.4 | 142 |
| 48 | Predicting Lung Cancer Prior to Surgical Resection in Patients with Lung Nodules. Journal of Thoracic Oncology, 2014, 9, 1477-1484. | 1.1 | 58 |
| 49 | The fellowship effect: how the establishment of a fellowship in female pelvic medicine and reconstructive surgery affected resident vaginal hysterectomy training. American Journal of Obstetrics and Gynecology, 2014, 211, 559.e1-559.e6. | 1.3 | 7 |
| 50 | Accuracy and Interpretation Time of Computer-Aided Detection Among Novice and Experienced Breast MRI Readers. American Journal of Roentgenology, 2013, 200, W683-W689. | 2.2 | 26 |
| 51 | Nurse–Community Health Worker Team Improves Diabetes Care in American Samoa. Diabetes Care, 2013, 36, 1947-1953. | 8.6 | 78 |
| 52 | Likelihood and Composite Hypotheses [Comment on "A Likelihood Paradigm for Clinical Trials"]. Journal of Statistical Theory and Practice, 2013, 7, 183-186. | 0.5 | 3 |
| 53 | Training the ACRIN 6666 Investigators and Effects of Feedback on Breast Ultrasound Interpretive Performance and Agreement in BI-RADS Ultrasound Feature Analysis. American Journal of Roentgenology, 2012, 199, 224-235. | 2.2 | 53 |
| 54 | 3T Magnetic Resonance Imaging Accurately Depicts Radiofrequency Ablation Zones in a Blood-perfused Bovine Liver Model. Journal of Vascular and Interventional Radiology, 2012, 23, 801-808. | 0.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 55 | Locally Advanced Breast Cancer: MR Imaging for Prediction of Response to Neoadjuvant Chemotherapyâ€"Results from ACRIN 6657/I-SPY TRIAL. Radiology, 2012, 263, 663-672. | 7.3 | 391 |
| 56 | In Vitro Blood-perfused Bovine Liver Model: A Physiologic Model for Evaluation of the Performance of Radiofrequency Ablation Devices. Journal of Vascular and Interventional Radiology, 2011, 22, 1478-1483. | 0.5 | 14 |
| 57 | Trends in Estradiol During Critical Illness Are Associated with Mortality Independent of Admission Estradiol. Journal of the American College of Surgeons, 2011, 212, 703-712. | 0.5 | 21 |
| 58 | An evidential approach to nonâ€‘inferiority clinical trials. Pharmaceutical Statistics, 2011, 10, 440-447. | 1.3 | 13 |
| 59 | Likelihood and its Evidential Framework. , 2011, , 493-511. | | 9 |
| 60 | Reasons Women at Elevated Risk of Breast Cancer Refuse Breast MR Imaging Screening: ACRIN 6666. Radiology, 2010, 254, 79-87. | 7.3 | 163 |
| 61 | Prostate Cancer: Sextant Localization at MR Imaging and MR Spectroscopic Imaging before Prostatectomyâ€"Results of ACRIN Prospective Multi-institutional Clinicopathologic Study. Radiology, 2009, 251, 122-133. | 7.3 | 223 |
| 62 | Bounding sample size projections for the area under a ROC curve. Journal of Statistical Planning and Inference, 2009, 139, 711-721. | 0.6 | 18 |
| 63 | Reliability of tumor volume estimation from MR images in patients with malignant glioma. Results from the American College of Radiology Imaging Network (ACRIN) 6662 Trial. European Radiology, 2009, 19, 599-609. | 4.5 | 25 |
| 64 | The impact of multichannel urodynamics upon treatment recommendations for female urinary incontinence. International Urogynecology Journal, 2008, 19, 1235-1241. | 1.4 | 21 |
| 65 | Cranial CT with 64-, 16-, 4- and single-slice CT systemsâ€"comparison of image quality and posterior fossa artifacts in routine brain imaging with standard protocols. European Radiology, 2008, 18, 1720-1726. | 4.5 | 13 |
| 66 | Measuring and illustrating statistical evidence in a cost-effectiveness analysis. Journal of Health Economics, 2008, 27, 476-495. | 2.7 | 14 |
| 67 | Combined Screening With Ultrasound and Mammography vs Mammography Alone in Women at Elevated Risk of Breast Cancer. JAMA - Journal of the American Medical Association, 2008, 299, 2151. | 7.4 | 1,222 |
| 68 | Statistical evidence for GLM regression parameters: A robust likelihood approach. Statistics in Medicine, 2007, 26, 2919-2936. | 1.6 | 20 |
| 69 | Can differences in breast cancer utilities explain disparities in breast cancer care?. Journal of General Internal Medicine, 2006, 21, 1253-1260. | 2.6 | 46 |
| 70 | Operator Dependence of Physician-performed Whole-Breast US: Lesion Detection and Characterization. Radiology, 2006, 241, 355-365. | 7.3 | 171 |
| 71 | Lesion Detection and Characterization in a Breast US Phantom: Results of the ACRIN 6666 Investigators. Radiology, 2006, 239, 693-702. | 7.3 | 51 |
| 72 | Diagnostic Architectural and Dynamic Features at Breast MR Imaging: Multicenter Study. Radiology, 2006, 238, 42-53. | 7.3 | 469 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 73 | Evaluation of Clinical Methods for Diagnosing Bacterial Vaginosis. Obstetrics and Gynecology, 2005, 105, 551-556. | 2.4 | 91 |
| 74 | Prospective, multireader evaluation of image quality and vascular delineation of multislice CT angiography of the brain. European Radiology, 2005, 15, 1051-1059. | 4.5 | 10 |
| 75 | Screening women at high risk for breast cancer with mammography and magnetic resonance imaging. Cancer, 2005, 103, 1898-1905. | 4.1 | 355 |
| 76 | Multi–Detector Row CT Angiography of the Brain at Various Kilovoltage Settings. Radiology, 2004, 231, 528-535. | 7.3 | 105 |
| 77 | What Your Statistician Never Told You about P-Values. Journal of Minimally Invasive Gynecology, 2003, 10, 439-444. | 1.2 | 40 |
| 78 | Illustrating the Law of Large Numbers (and Confidence Intervals). American Statistician, 2003, 57, 51-57. | 1.6 | 5 |
| 79 | A Randomized Trial of the Sleeved Cytobrush and the Endocervical Curette. Obstetrics and Gynecology, 2003, 101, 426-430. | 2.4 | 10 |
| 80 | Batting performance of wood and metal baseball bats. Medicine and Science in Sports and Exercise, 2002, 34, 1675-1684. | 0.4 | 37 |
| 81 | Young maternal age associated with increased risk of postneonatal death. Obstetrics and Gynecology, 2002, 100, 481-486. | 2.4 | 71 |
| 82 | Likelihood methods for measuring statistical evidence. Statistics in Medicine, 2002, 21, 2563-2599. | 1.6 | 103 |
| 83 | Clinical predictors of endometritis in women with symptoms and signs of pelvic inflammatory disease. American Journal of Obstetrics and Gynecology, 2001, 184, 856-864. | 1.3 | 106 |
| 84 | ProSGPV: an R package for variable selection with second-generation p-values. F1000Research, 0, 11, 58. | 1.6 | 1 |