# Patrick E Brown

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8397856/publications.pdf

Version: 2024-02-01

| 89 | 2,307 | 257450 24 | 233421 45 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 95 | 95 | 95 | 3762 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Arsenic in drinking water and urinary tract cancers: a systematic review of 30Âyears of epidemiological evidence. Environmental Health, 2014, 13, 44. | 4.0 | 149 |
| 2 | Trends in snakebite deaths in India from 2000 to 2019 in a nationally representative mortality study. ELife, 2020, 9, . | 6.0 | 131 |
| 3 | Spatial epidemiology and natural population structure of Campylobacter jejuni colonizing a farmland ecosystem. Environmental Microbiology, 2005, 7, 1116-1126. | 3.8 | 128 |
| 4 | Proprotein Convertase Subtilisin Kexin Type 9 Promotes Intestinal Overproduction of Triglyceride-Rich Apolipoprotein B Lipoproteins Through Both Low-Density Lipoprotein Receptorâ€“Dependent and â€“Independent Mechanisms. Circulation, 2014, 130, 431-441. | 1.6 | 122 |
| 5 | Blur-generated non-separable space-time models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2000, 62, 847-860. | 2.2 | 114 |
| 6 | Interspecific demographic tradeâ€offs and soilâ€related habitat associations of tree species along resource gradients. Journal of Ecology, 2008, 96, 192-203. | 4.0 | 112 |
| 7 | Spatial patterns reveal negative density dependence and habitat associations in tropical trees. Ecology, 2011, 92, 1723-1729. | 3.2 | 112 |
| 8 | COVID mortality in India: National survey data and health facility deaths. Science, 2022, 375, 667-671. | 12.6 | 95 |
| 9 | Estimating the risk of bladder and kidney cancer from exposure to low-levels of arsenic in drinking water, Nova Scotia, Canada. Environment International, 2018, 110, 95-104. | 10.0 | 86 |
| 10 | Frequency and Spatial Distribution of Environmental Campylobacter spp. Applied and Environmental Microbiology, 2004, 70, 6501-6511. | 3.1 | 84 |
| 11 | Unilateral and bilateral MRI-targeted repetitive transcranial magnetic stimulation for treatment-resistant depression: a randomized controlled study. Journal of Psychiatry and Neuroscience, 2016, 41, E58-E66. | 2.4 | 76 |
| 12 | Second-Order Analysis of Inhomogeneous Spatial Point Processes Using Case-Control Data. Biometrics, 2007, 63, 550-557. | 1.4 | 70 |
| 13 | The Contribution of Clinical Breast Examination to the Accuracy of Breast Screening. Journal of the National Cancer Institute, 2009, 101, 1236-1243. | 6.3 | 65 |
| 14 | Spaceâ€“time calibration of radar rainfall data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2001, 50, 221-241. | 1.0 | 62 |
| 15 | Digital Compared with Screen-Film Mammography: Performance Measures in Concurrent Cohorts within an Organized Breast Screening Program. Radiology, 2013, 268, 684-693. | 7.3 | 56 |
| 16 | Model-Based Geostatistics the Easy Way. Journal of Statistical Software, 2015, 63, . | 3.7 | 51 |
| 17 | Effect of in utero hydroxychloroquine exposure on the development of cutaneous neonatal lupus erythematosus. Annals of the Rheumatic Diseases, 2018, 77, 1742-1749. | 0.9 | 40 |
| 18 | Effect of Current Dietary Recommendations on Weight Loss and Cardiovascular Risk Factors. Journal of the American College of Cardiology, 2017, 69, 1103-1112. | 2.8 | 38 |

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|---|---|---|---|
| 19 | Elevated cholesteryl ester transfer protein (CETP) activity, a major determinant of the atherogenic dyslipidemia, and atherosclerotic cardiovascular disease in South Asians. European Journal of Preventive Cardiology, 2015, 22, 468-477. | 1.8 | 37 |
| 20 | Immunosuppressive Therapies for the Induction Treatment of Proliferative Lupus Nephritis: A Systematic Review and Network Metaanalysis. Journal of Rheumatology, 2014, 41, 1998-2007. | 2.0 | 35 |
| 21 | Are Neighborhood Sociocultural Factors Influencing the Spatial Pattern of Gonorrhea in North Carolina?. Annals of Epidemiology, 2011, 21, 245-252. | 1.9 | 32 |
| 22 | Log Gaussian Cox processes and spatially aggregated disease incidence data. Statistical Methods in Medical Research, 2012, 21, 479-507. | 1.5 | 32 |
| 23 | Quantifying within- and between-animal variation and uncertainty associated with counts of Escherichia coli O157 occurring in naturally infected cattle faeces. Journal of the Royal Society Interface, 2009, 6, 169-177. | 3.4 | 30 |
| 24 | Immunosuppressive Therapies for the Maintenance Treatment of Proliferative Lupus Nephritis: A Systematic Review and Network Metaanalysis. Journal of Rheumatology, 2015, 42, 1392-1400. | 2.0 | 29 |
| 25 | Population-weighted exposure to air pollution and COVID-19 incidence in Germany. Spatial Statistics, 2021, 41, 100480. | 1.9 | 28 |
| 26 | Predictors of self-reported symptoms and testing for COVID-19 in Canada using a nationally representative survey. PLoS ONE, 2020, 15, e0240778. | 2.5 | 28 |
| 27 | A recursive estimation approach to the spatio-temporal analysis and modelling of air quality data. Environmental Modelling and Software, 2006, 21, 759-769. | 4.5 | 24 |
| 28 | Digital Compared with Screen-Film Mammography: Measures of Diagnostic Accuracy among Women Screened in the Ontario Breast Screening Program. Radiology, 2016, 278, 365-373. | 7.3 | 24 |
| 29 | Multidisciplinary cancer conferences: Exploring the attitudes of cancer care providers and administrators. Journal of Interprofessional Care, 2009, 23, 599-610. | 1.7 | 22 |
| 30 | Spatial Modelling of Lupus Incidence Over 40 Years with Changes in Census Areas. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 99-115. | 1.0 | 20 |
| 31 | Assessment of SARS-CoV-2 Seropositivity During the First and Second Viral Waves in 2020 and 2021 Among Canadian Adults. JAMA Network Open, 2022, 5, e2146798. | 5.9 | 20 |
| 32 | Counting the global COVID-19 dead. Lancet, The, 2022, 399, 1937-1938. | 13.7 | 19 |
| 33 | Heterogeneous distributions ofEscherichia coliO157 within naturally infected bovine faecal pats. FEMS Microbiology Letters, 2005, 244, 291-296. | 1.8 | 18 |
| 34 | Spatial and management factors associated with exposure of smallholder dairy cattle in Tanzania to tick-borne pathogens. International Journal for Parasitology, 2005, 35, 1085-1096. | 3.1 | 18 |
| 35 | COVID-19 vaccination intention during early vaccine rollout in Canada: a nationwide online survey. The Lancet Regional Health Americas, 2021, 2, 100055. | 2.6 | 13 |
| 36 | MCMC for Generalized Linear Mixed Models with glmmBUGS. R Journal, 2010, 2, 13. | 1.8 | 13 |

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|---|---|---|---|
| 37 | Sources of Variation in the Ampicillin-Resistant Escherichia coli Concentration in the Feces of Organic Broiler Chickens. Applied and Environmental Microbiology, 2007, 73, 203-210. | 3.1 | 12 |
| 38 | Inference for Clustered Inhomogeneous Spatial Point Processes. Biometrics, 2009, 65, 423-430. | 1.4 | 12 |
| 39 | Perceived Walkability, Social Support, Age, Native Language, and Vehicle Access as Correlates of Physical Activity: A Cross-Sectional Study of Low-Socioeconomic Status, Ethnic, Minority Women. Journal of Physical Activity and Health, 2011, 8, 1098-1107. | 2.0 | 11 |
| 40 | Local-EM and the EMS Algorithm. Journal of Computational and Graphical Statistics, 2011, 20, 750-766. | 1.7 | 11 |
| 41 | Digital versus screen-film mammography: impact of mammographic density and hormone therapy on breast cancer detection. Breast Cancer Research and Treatment, 2015, 154, 377-387. | 2.5 | 11 |
| 42 | Influence of Nurses on Compliance with Breast Screening Recommendations in an Organized Breast Screening Program. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 697-706. | 2.5 | 10 |
| 43 | A detailed spatial analysis on contrasting cancer incidence patterns in thyroid and lung cancer in Toronto women. BMC Public Health, 2016, 16, 950. | 2.9 | 10 |
| 44 | Nonparametric smoothing using state space techniques. Canadian Journal of Statistics, 2001, 29, 37-50. | 0.9 | 9 |
| 45 | A Hot Spot for Systemic Lupus Erythematosus, but Not for Psoriatic Arthritis, Identified by Spatial Analysis Suggests an Interaction Between Ethnicity and Place of Residence. Arthritis and Rheumatism, 2013, 65, 1579-1585. | 6.7 | 9 |
| 46 | Comparative Effectiveness of Mycophenolate Mofetil for the Treatment of Juvenileâ€Onset Proliferative Lupus Nephritis. Arthritis Care and Research, 2017, 69, 1887-1894. | 3.4 | 9 |
| 47 | Regions, hospitals and health outcomes over time: A multi-level analysis of repeat prevalence among a cohort of health-care workers. Health and Place, 2009, 15, 1046-1057. | 3.3 | 8 |
| 48 | Statistical Inference and Computational Efficiency for Spatial Infectious Disease Models with Plantation Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2014, 63, 467-482. | 1.0 | 8 |
| 49 | A Non-Gaussian Spatial Process Model for Opacity of Flocculated Paper. Scandinavian Journal of Statistics, 2003, 30, 355-368. | 1.4 | 7 |
| 50 | Mapping Cancer Risk in Southwestern Ontario with Changing Census Boundaries. Biometrics, 2012, 68, 1228-1237. | 1.4 | 7 |
| 51 | The use of Bayesian inference to inform the surveillance of temperature-related occupational morbidity in Ontario, Canada, 2004â€“2010. Environmental Research, 2014, 132, 449-456. | 7.5 | 7 |
| 52 | Capturing spatial dependence of COVID-19 case counts with cellphone mobility data. Spatial Statistics, 2022, 49, 100540. | 1.9 | 7 |
| 53 | Access to electronic health records by care setting and provider type: perceptions of cancer care providers in Ontario, Canada. BMC Medical Informatics and Decision Making, 2009, 9, 38. | 3.0 | 6 |
| 54 | Geostatistical survival models for environmental risk assessment with large retrospective cohorts. Journal of the Royal Statistical Society Series A: Statistics in Society, 2014, 177, 679-695. | 1.1 | 6 |

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|---|---|---|---|
| 55 | Small-area spatio-temporal analyses of bladder and kidney cancer risk in Nova Scotia, Canada. BMC Public Health, 2016, 16, 175. | 2.9 | 6 |
| 56 | A model-based approach to quality control of paper production. Applied Stochastic Models in Business and Industry, 2004, 20, 173-184. | 1.5 | 5 |
| 57 | Long-term exposure to air pollution and COVID-19 incidence: A multi-country study. Spatial and Spatio-temporal Epidemiology, 2021, 39, 100443. | 1.7 | 5 |
| 58 | Simulationâ€based power calculations for large cohort studies. Biometrical Journal, 2010, 52, 604-615. | 1.0 | 4 |
| 59 | Digital compared to screen-film mammography: breast cancer prognostic features in an organized screening program. Breast Cancer Research and Treatment, 2014, 147, 389-399. | 2.5 | 4 |
| 60 | Bayesian spatial analysis of hardwood tree counts in forests via MCMC. Environmetrics, 2020, 31, e2608. | 1.4 | 4 |
| 61 | Approximate Bayesian inference for caseâ€crossover models. Biometrics, 2021, 77, 785-795. | 1.4 | 4 |
| 62 | Geo-spatial factors associated with infection risk among young children in rural Ghana: a secondary spatial analysis. Malaria Journal, 2016, 15, 349. | 2.3 | 3 |
| 63 | Impact of iron fortification on the geospatial patterns of malaria and non-malaria infection risk among young children: a secondary spatial analysis of clinical trial data from Ghana. BMJ Open, 2017, 7, e013192. | 1.9 | 3 |
| 64 | A local-EM algorithm for spatio-temporal disease mapping with aggregated data. Spatial Statistics, 2017, 21, 75-95. | 1.9 | 3 |
| 65 | Vulnerable road-user deaths in Brazil: a Bayesian hierarchical model for spatial-temporal analysis. International Journal of Injury Control and Safety Promotion, 2020, 27, 528-536. | 2.0 | 3 |
| 66 | Online Public Interest in Cancer During the COVID-19 Pandemic. JCO Clinical Cancer Informatics, 2021, 5, 695-700. | 2.1 | 3 |
| 67 | Daily mortality/morbidity and air quality: Using multivariate time series with seasonally varying covariances. Journal of the Royal Statistical Society Series C: Applied Statistics, 0, , . | 1.0 | 3 |
| 68 | Spatio-temporal modelling of malaria mortality in India from 2004 to 2013 from the Million Death Study. Malaria Journal, 2022, 21, 90. | 2.3 | 3 |
| 69 | Temporal Trends in Thyroid Cancer Incidence in Californiaâ€”Letter. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2609-2609. | 2.5 | 2 |
| 70 | Data Mining of a Remote Behavioral Tracking System for Type 2 Diabetes Patients: A Prospective Cohort Study. JMIR Diabetes, 2016, 1, e1. | 1.9 | 2 |
| 71 | A pilot study examining Toronto-area family physician perspectives on thyroid neoplasm evaluation. Journal of Otolaryngology - Head and Neck Surgery, 2019, 48, 24. | 1.9 | 2 |
| 72 | Forecasting subnational COVIDâ€19 mortality using a dayâ€ofâ€theâ€week adjusted Bayesian hierarchical model. Stat, 2021, 10, e328. | 0.4 | 2 |

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|---|---|---|---|
| 73 | Editorial. Statistical Methods in Medical Research, 2012, 21, 431-431. | 1.5 | 1 |
| 74 | Spatial variation in risk for physician diagnosed environmental sensitivity. Spatial and Spatio-temporal Epidemiology, 2017, 23, 35-45. | 1.7 | 1 |
| 75 | Estimation of the benefit and harms of including clinical breast examination in an organized breast screening program. Breast, 2019, 43, 105-112. | 2.2 | 1 |
| 76 | Identifying the changing age distribution of opioid-related mortality with high-frequency data. PLoS ONE, 2022, 17, e0265509. | 2.5 | 1 |
| 77 | Fast, Scalable Approximations to Posterior Distributions in Extended Latent Gaussian Models. Journal of Computational and Graphical Statistics, 2023, 32, 84-98. | 1.7 | 1 |
| 78 | It shouldn't happen to a statistician. Significance, 2004, 1, 118-120. | 0.4 | 0 |
| 79 | Local-EM and mismeasured data. Statistics and Probability Letters, 2013, 83, 135-140. | 0.7 | 0 |
| 80 | Response to Letter Regarding Article, â€œProprotein Convertase Subtilisin Kexin Type 9 Promotes Intestinal Overproduction of Triglyceride-Rich Apolipoprotein B Lipoproteins Through Both Low-Density Lipoprotein Receptorâ€“Dependent and â€“Independent Mechanismsâ€• Circulation, 2015, 131, e428. | 1.6 | 0 |
| 81 | Thyroid Cancer Incidence and Endocrinologist Access: A Regional Data Analysis from Ontario, Canada. Endocrine Practice, 2016, 22, 642-643. | 2.1 | 0 |
| 82 | Data sharpening via firthâ€™s adjusted score function. Statistics and Probability Letters, 2020, 165, 108831. | 0.7 | 0 |
| 83 | The root-Gaussian Cox process and a generalized EMS algorithm. Spatial Statistics, 2021, 43, 100509. | 1.9 | 0 |
| 84 | Title is missing!. , 2020, 15, e0240778. | | 0 |
| 85 | Title is missing!. , 2020, 15, e0240778. | | 0 |
| 86 | Title is missing!. , 2020, 15, e0240778. | | 0 |
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| 88 | Title is missing!. , 2020, 15, e0240778. | | 0 |
| 89 | Title is missing!. , 2020, 15, e0240778. | | 0 |