Patrick E Brown

List of Publications by Year in descending order

89 papers	2,307 citations	257450 24 h-index	233421 45 g-index
95 all docs	95 docs citations	95 times ranked	3762 citing authors

#	ARTICLE	IF	CITATIONS
1	Fast, Scalable Approximations to Posterior Distributions in Extended Latent Gaussian Models. Journal of Computational and Graphical Statistics, 2023, 32, 84-98.	1.7	1
2	Capturing spatial dependence of COVID-19 case counts with cellphone mobility data. Spatial Statistics, 2022, 49, 100540.	1.9	7
3	COVID mortality in India: National survey data and health facility deaths. Science, 2022, 375, 667-671.	12.6	95
4	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
5	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
6	Identifying the changing age distribution of opioid-related mortality with high-frequency data. PLoS ONE, 2022, 17, e0265509.	2.5	1
7	Counting the global COVID-19 dead. Lancet, The, 2022, 399, 1937-1938.	13.7	19
8	Approximate Bayesian inference for case–crossover models. Biometrics, 2021, 77, 785-795.	1.4	4
9	Population-weighted exposure to air pollution and COVID-19 incidence in Germany. Spatial Statistics, 2021, 41, 100480.	1.9	28
10	Forecasting subnational COVID-19 mortality using a day-of-the-week adjusted Bayesian hierarchical model. Stat, 2021, 10, e328.	0.4	2
11	Online Public Interest in Cancer During the COVID-19 Pandemic. JCO Clinical Cancer Informatics, 2021, 5, 695-700.	2.1	3
12	The root-Gaussian Cox process and a generalized EMS algorithm. Spatial Statistics, 2021, 43, 100509.	1.9	0
13	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
14	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
15	Bayesian spatial analysis of hardwood tree counts in forests via MCMC. Environmetrics, 2020, 31, e2608.	1.4	4
16	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
17	Data sharpening via firth's adjusted score function. Statistics and Probability Letters, 2020, 165, 108831.	0.7	0
18	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

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19	Trends in snakebite deaths in India from 2000 to 2019 in a nationally representative mortality study. ELife, 2020, 9, .	6.0	131
20	Title is missing!. , 2020, 15, e0240778.		0
21	Title is missing!. , 2020, 15, e0240778.		0
22	Title is missing!. , 2020, 15, e0240778.		0
23	Title is missing!. , 2020, 15, e0240778.		0
24	Title is missing!. , 2020, 15, e0240778.		0
25	Title is missing!. , 2020, 15, e0240778.		0
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Spatial variation in risk for physician diagnosed environmental sensitivity. Spatial and Spatio-temporal Epidemiology, 2017, 23, 35-45.	1.7	1
34	A local-EM algorithm for spatio-temporal disease mapping with aggregated data. Spatial Statistics, 2017, 21, 75-95.	1.9	3
35	Thyroid Cancer Incidence and Endocrinologist Access: A Regional Data Analysis from Ontario, Canada. Endocrine Practice, 2016, 22, 642-643.	2.1	0
36	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

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37	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
38	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
39	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
40	Small-area spatio-temporal analyses of bladder and kidney cancer risk in Nova Scotia, Canada. BMC Public Health, 2016, 16, 175.	2.9	6
41	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
42	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
43	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
44	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
45	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
46	Model-Based Geostatistics the Easy Way. Journal of Statistical Software, 2015, 63, .	3.7	51
47	Temporal Trends in Thyroid Cancer Incidence in Californiaâ€"Letter. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2609-2609.	2.5	2
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	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
50	Arsenic in drinking water and urinary tract cancers: a systematic review of 30Âyears of epidemiological evidence. Environmental Health, 2014, 13, 44.	4.0	149
51	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
52	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
53	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
54	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

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55	Local-EM and mismeasured data. Statistics and Probability Letters, 2013, 83, 135-140.	0.7	0
56	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
57	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
58	Editorial. Statistical Methods in Medical Research, 2012, 21, 431-431.	1.5	1
59	Log Gaussian Cox processes and spatially aggregated disease incidence data. Statistical Methods in Medical Research, 2012, 21, 479-507.	1.5	32
60	Mapping Cancer Risk in Southwestern Ontario with Changing Census Boundaries. Biometrics, 2012, 68, 1228-1237.	1.4	7
61	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
62	Are Neighborhood Sociocultural Factors Influencing the Spatial Pattern of Gonorrhea in North Carolina?. Annals of Epidemiology, 2011, 21, 245-252.	1.9	32
63	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
64	Local-EM and the EMS Algorithm. Journal of Computational and Graphical Statistics, 2011, 20, 750-766.	1.7	11
65	Spatial patterns reveal negative density dependence and habitat associations in tropical trees. Ecology, 2011, 92, 1723-1729.	3.2	112
66	Simulationâ€based power calculations for large cohort studies. Biometrical Journal, 2010, 52, 604-615.	1.0	4
67	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
68	MCMC for Generalized Linear Mixed Models with glmmBUGS. R Journal, 2010, 2, 13.	1.8	13
69	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
70	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
71	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
72	Inference for Clustered Inhomogeneous Spatial Point Processes. Biometrics, 2009, 65, 423-430.	1.4	12

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73	Quantifying within- and between-animal variation and uncertainty associated with counts of <i>Escherichia coli</i> O157 occurring in naturally infected cattle faeces. Journal of the Royal Society Interface, 2009, 6, 169-177.	3.4	30
74	Multidisciplinary cancer conferences: Exploring the attitudes of cancer care providers and administrators. Journal of Interprofessional Care, 2009, 23, 599-610.	1.7	22
75	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
76	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
77	Second-Order Analysis of Inhomogeneous Spatial Point Processes Using Case-Control Data. Biometrics, 2007, 63, 550-557.	1.4	70
78	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
79	Heterogeneous distributions ofEscherichia coliO157 within naturally infected bovine faecal pats. FEMS Microbiology Letters, 2005, 244, 291-296.	1.8	18
80	Spatial epidemiology and natural population structure of Campylobacter jejuni colonizing a farmland ecosystem. Environmental Microbiology, 2005, 7, 1116-1126.	3.8	128
81	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
82	It shouldn't happen to a statistician. Significance, 2004, 1, 118-120.	0.4	0
83	A model-based approach to quality control of paper production. Applied Stochastic Models in Business and Industry, 2004, 20, 173-184.	1.5	5
84	Frequency and Spatial Distribution of Environmental Campylobacter spp. Applied and Environmental Microbiology, 2004, 70, 6501-6511.	3.1	84
85	A Non-Gaussian Spatial Process Model for Opacity of Flocculated Paper. Scandinavian Journal of Statistics, 2003, 30, 355-368.	1.4	7
86	Spaceâ€"time calibration of radar rainfall data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2001, 50, 221-241.	1.0	62
87	Nonparametric smoothing using state space techniques. Canadian Journal of Statistics, 2001, 29, 37-50.	0.9	9
88	Blur-generated non-separable space-time models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2000, 62, 847-860.	2.2	114
89	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