

Kerrie L Mengersen

List of Publications by Year in descending order

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457
papers

15,872
citations

26567

56
h-index

26548

107
g-index

509
all docs

509
docs citations

509
times ranked

20420
citing authors

#	ARTICLE	IF	CITATIONS
1	Size distribution and sites of origin of droplets expelled from the human respiratory tract during expiratory activities. <i>Journal of Aerosol Science</i> , 2009, 40, 256-269.	1.8	848
2	Characterization of expiration air jets and droplet size distributions immediately at the mouth opening. <i>Journal of Aerosol Science</i> , 2009, 40, 122-133.	1.8	778
3	Bayesian Computation and Stochastic Systems. <i>Statistical Science</i> , 1995, 10, 3.	1.6	752
4	Eliciting Expert Knowledge in Conservation Science. <i>Conservation Biology</i> , 2012, 26, 29-38.	2.4	591
5	Modality of human expired aerosol size distributions. <i>Journal of Aerosol Science</i> , 2011, 42, 839-851.	1.8	523
6	Outstanding Challenges in the Transferability of Ecological Models. <i>Trends in Ecology and Evolution</i> , 2018, 33, 790-802.	4.2	403
7	Rates of convergence of the Hastings and Metropolis algorithms. <i>Annals of Statistics</i> , 1996, 24, 101.	1.4	345
8	Unmanned Aerial Vehicles (UAVs) and Artificial Intelligence Revolutionizing Wildlife Monitoring and Conservation. <i>Sensors</i> , 2016, 16, 97.	2.1	327
9	Effect of vitamin D supplementation on muscle strength: a systematic review and meta-analysis. <i>Osteoporosis International</i> , 2011, 22, 859-71.	1.3	297
10	Species Richness on Coral Reefs and the Pursuit of Convergent Global Estimates. <i>Current Biology</i> , 2015, 25, 500-505.	1.8	282
11	Climate change and dengue: a critical and systematic review of quantitative modelling approaches. <i>BMC Infectious Diseases</i> , 2014, 14, 167.	1.3	241
12	Bayesian Modelling and Inference on Mixtures of Distributions. <i>Handbook of Statistics</i> , 2005, , 459-507.	0.4	212
13	Meta-analysis of variation: ecological and evolutionary applications and beyond. <i>Methods in Ecology and Evolution</i> , 2015, 6, 143-152.	2.2	198
14	Elicitation by design in ecology: using expert opinion to inform priors for Bayesian statistical models. <i>Ecology</i> , 2009, 90, 265-277.	1.5	196
15	THE POWER OF EXPERT OPINION IN ECOLOGICAL MODELS USING BAYESIAN METHODS: IMPACT OF GRAZING ON BIRDS. , 2005, 15, 266-280.		181
16	Daily average temperature and mortality among the elderly: a meta-analysis and systematic review of epidemiological evidence. <i>International Journal of Biometeorology</i> , 2012, 56, 569-581.	1.3	168
17	Transgenic Cavendish bananas with resistance to Fusarium wilt tropical race 4. <i>Nature Communications</i> , 2017, 8, 1496.	5.8	168
18	Asymptotic Behaviour of the Posterior Distribution in Overfitted Mixture Models. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2011, 73, 689-710.	1.1	164

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19	A proposed validation framework for expert elicited Bayesian Networks. <i>Expert Systems With Applications</i> , 2013, 40, 162-167.	4.4	162
20	Statistical Machine Learning Methods and Remote Sensing for Sustainable Development Goals: A Review. <i>Remote Sensing</i> , 2018, 10, 1365.	1.8	158
21	Viewing systematic reviews and meta-analysis in social research through different lenses. SpringerPlus, 2014, 3, 511.	1.2	152
22	Ozone modifies associations between temperature and cardiovascular mortality: analysis of the NMMAPS data. <i>Occupational and Environmental Medicine</i> , 2008, 65, 255-260.	1.3	143
23	Is the association between temperature and mortality modified by age, gender and socio-economic status?. <i>Science of the Total Environment</i> , 2010, 408, 3513-3518.	3.9	140
24	Water quality mediates resilience on the Great Barrier Reef. <i>Nature Ecology and Evolution</i> , 2019, 3, 620-627.	3.4	139
25	Characteristics of particle number and mass concentrations in residential houses in Brisbane, Australia. <i>Atmospheric Environment</i> , 2003, 37, 4195-4203.	1.9	138
26	Quantifying Killing of Orangutans and Human-Orangutan Conflict in Kalimantan, Indonesia. <i>PLoS ONE</i> , 2011, 6, e27491.	1.1	128
27	Multivariate meta-analysis. <i>Statistics in Medicine</i> , 2003, 22, 2309-2333.	0.8	120
28	Airborne laser scanning: Exploratory data analysis indicates potential variables for classification of individual trees or forest stands according to species. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2005, 59, 289-309.	4.9	100
29	Methodology for assessing exposure and impacts of air pollutants in school children: Data collection, analysis and health effects – A literature review. <i>Atmospheric Environment</i> , 2011, 45, 813-823.	1.9	99
30	Does temperature modify short-term effects of ozone on total mortality in 60 large eastern US communities? – An assessment using the NMMAPS data. <i>Environment International</i> , 2008, 34, 451-458.	4.8	92
31	Wayfinding: A simple concept, a complex process. <i>Transport Reviews</i> , 2012, 32, 715-743.	4.7	92
32	People’s Perceptions about the Importance of Forests on Borneo. <i>PLoS ONE</i> , 2013, 8, e73008.	1.1	89
33	Short-term association between ambient air pollution and lung cancer mortality. <i>Environmental Research</i> , 2019, 179, 108748.	3.7	87
34	Effects of exposure to ambient ultrafine particles on respiratory health and systemic inflammation in children. <i>Environment International</i> , 2018, 114, 167-180.	4.8	85
35	Transferring biodiversity models for conservation: Opportunities and challenges. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1250-1264.	2.2	84
36	Spatial Patterns and Socioecological Drivers of Dengue Fever Transmission in Queensland, Australia. <i>Environmental Health Perspectives</i> , 2012, 120, 260-266.	2.8	83

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37	Methods for Identifying SNP Interactions: A Review on Variations of Logic Regression, Random Forest and Bayesian Logistic Regression. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2011, 8, 1580-1591.	1.9	81
38	Spatially explicit perceptions of ecosystem services and land cover change in forested regions of Borneo. <i>Ecosystem Services</i> , 2014, 7, 116-127.	2.3	80
39	Bayesian computation via empirical likelihood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1321-1326.	3.3	79
40	Time course of temperature effects on cardiovascular mortality in Brisbane, Australia. <i>Heart</i> , 2011, 97, 1089-1093.	1.2	77
41	Combining Expert Opinions in Prior Elicitation. <i>Bayesian Analysis</i> , 2012, 7, .	1.6	76
42	Assessing the impacts of grazing levels on bird density in woodland habitat: a Bayesian approach using expert opinion. <i>Environmetrics</i> , 2005, 16, 717-747.	0.6	74
43	Oil palm community conflict mapping in Indonesia: A case for better community liaison in planning for development initiatives. <i>Applied Geography</i> , 2017, 78, 33-44.	1.7	74
44	Using Google Trends and ambient temperature to predict seasonal influenza outbreaks. <i>Environment International</i> , 2018, 117, 284-291.	4.8	74
45	Experimental study of the deposition of combustion aerosols in the human respiratory tract. <i>Journal of Aerosol Science</i> , 2005, 36, 939-957.	1.8	73
46	Theoretical analysis of the motion and evaporation of exhaled respiratory droplets of mixed composition. <i>Journal of Aerosol Science</i> , 2011, 42, 1-10.	1.8	73
47	Evaluating the effect of neighbourhood weight matrices on smoothing properties of Conditional Autoregressive (CAR) models. <i>International Journal of Health Geographics</i> , 2007, 6, 54.	1.2	72
48	Elicitor: An expert elicitation tool for regression in ecology. <i>Environmental Modelling and Software</i> , 2010, 25, 129-145.	1.9	72
49	Predicting the need for adaptive radiotherapy in head and neck cancer. <i>Radiotherapy and Oncology</i> , 2015, 116, 57-63.	0.3	68
50	Meta-analysis of repeated measures study designs. <i>Journal of Evaluation in Clinical Practice</i> , 2008, 14, 941-950.	0.9	67
51	Classification based upon gene expression data: bias and precision of error rates. <i>Bioinformatics</i> , 2007, 23, 1363-1370.	1.8	65
52	Weather Variability and the Incidence of Cryptosporidiosis: Comparison of Time Series Poisson Regression and SARIMA Models. <i>Annals of Epidemiology</i> , 2007, 17, 679-688.	0.9	65
53	A framework for automated anomaly detection in high frequency water-quality data from in situ sensors. <i>Science of the Total Environment</i> , 2019, 664, 885-898.	3.9	64
54	Global species richness estimates have not converged. <i>Trends in Ecology and Evolution</i> , 2014, 29, 187-188.	4.2	61

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55	Modality in ambient particle size distributions and its potential as a basis for developing air quality regulation. <i>Atmospheric Environment</i> , 2008, 42, 1617-1628.	1.9	59
56	Temperature, air pollution and total mortality during summers in Sydney, 1994–2004. <i>International Journal of Biometeorology</i> , 2008, 52, 689-696.	1.3	58
57	Modelling cheetah relocation success in southern Africa using an Iterative Bayesian Network Development Cycle. <i>Ecological Modelling</i> , 2010, 221, 641-651.	1.2	58
58	Microbial colonization of follicular fluid: alterations in cytokine expression and adverse assisted reproduction technology outcomes. <i>Human Reproduction</i> , 2011, 26, 1799-1812.	0.4	58
59	Influence of demographic variables on uptake of domestic solar photovoltaic technology. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 315-323.	8.2	58
60	Rainfall, mosquito density and the transmission of Ross River virus: A time-series forecasting model. <i>Ecological Modelling</i> , 2006, 196, 505-514.	1.2	57
61	An Integrated Bayesian Network approach to <i>Lyngbya majuscula</i> bloom initiation. <i>Marine Environmental Research</i> , 2010, 69, 27-37.	1.1	57
62	Confidence limits for the ratio of two rates based on likelihood scores: non-iterative method. <i>Statistics in Medicine</i> , 2003, 22, 2071-2083.	0.8	55
63	Bayesian Estimation of Small Effects in Exercise and Sports Science. <i>PLoS ONE</i> , 2016, 11, e0147311.	1.1	55
64	Spatial smoothing in Bayesian models: a comparison of weights matrix specifications and their impact on inference. <i>International Journal of Health Geographics</i> , 2017, 16, 47.	1.2	55
65	A Comparison of Bayes' Laplace, Jeffreys, and Other Priors. <i>American Statistician</i> , 2008, 62, 40-44.	0.9	54
66	Spatial variation in particle number size distributions in a large metropolitan area. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 1127-1138.	1.9	53
67	Temperature Enhanced Effects of Ozone on Cardiovascular Mortality in 95 Large US Communities, 1987–2000: Assessment Using the NMMAPS Data. <i>Archives of Environmental and Occupational Health</i> , 2009, 64, 177-184.	0.7	52
68	[Bayesian Computation and Stochastic Systems]: Rejoinder. <i>Statistical Science</i> , 1995, 10, .	1.6	52
69	It's Not Just Conflict That Motivates Killing of Orangutans. <i>PLoS ONE</i> , 2013, 8, e75373.	1.1	52
70	Quantification of Particle Number Emission Factors for Motor Vehicles from On-Road Measurements. <i>Environmental Science & Technology</i> , 2005, 39, 9130-9139.	4.6	50
71	Using the Value of Information to improve conservation decision making. <i>Biological Reviews</i> , 2019, 94, 629-647.	4.7	50
72	Lung cancer and particulate pollution: A critical review of spatial and temporal analysis evidence. <i>Environmental Research</i> , 2018, 164, 585-596.	3.7	49

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73	Impacts of El Niño Southern Oscillation and Indian Ocean Dipole on dengue incidence in Bangladesh. <i>Scientific Reports</i> , 2015, 5, 16105.	1.6	48
74	Comparison of three expert elicitation methods for logistic regression on predicting the presence of the threatened brush-tailed rock-wallaby <i>Petrogale penicillata</i> . <i>Environmetrics</i> , 2009, 20, 379-398.	0.6	47
75	Socio-environmental drivers and suicide in Australia: Bayesian spatial analysis. <i>BMC Public Health</i> , 2014, 14, 681.	1.2	47
76	Timing anthropogenic stressors to mitigate their impact on marine ecosystem resilience. <i>Nature Communications</i> , 2017, 8, 1263.	5.8	47
77	First integrative trend analysis for a great ape species in Borneo. <i>Scientific Reports</i> , 2017, 7, 4839.	1.6	47
78	UAVs and Machine Learning Revolutionising Invasive Grass and Vegetation Surveys in Remote Arid Lands. <i>Sensors</i> , 2018, 18, 605.	2.1	46
79	Forecasting intensifying disturbance effects on coral reefs. <i>Global Change Biology</i> , 2020, 26, 2785-2797.	4.2	46
80	Spatiotemporal relationship between particle air pollution and respiratory emergency hospital admissions in Brisbane, Australia. <i>Science of the Total Environment</i> , 2007, 373, 57-67.	3.9	45
81	Selective Reporting of Adjusted Estimates in Observational Epidemiology Studies: Reasons and Implications for Meta-analyses. <i>Evaluation and the Health Professions</i> , 2008, 31, 370-389.	0.9	45
82	A review of models and model usage scenarios for an airport complex system. <i>Transportation Research, Part A: Policy and Practice</i> , 2013, 47, 124-140.	2.0	45
83	Investigation of the relationship between smoking and appendicitis in Australian twins. <i>Annals of Epidemiology</i> , 2008, 18, 631-636.	0.9	44
84	A geostatistical model for combined analysis of point-level and area-level data using INLA and SPDE. <i>Spatial Statistics</i> , 2017, 21, 27-41.	0.9	44
85	Investigating the Use of a Bayesian Network to Model the Risk of <i>Lyngbya majuscula</i> Bloom Initiation in Deception Bay, Queensland, Australia. <i>Human and Ecological Risk Assessment (HERA)</i> , 2007, 13, 1271-1287.	1.7	43
86	Posterior predictive arguments in favor of the Bayes-Laplace prior as the consensus prior for binomial and multinomial parameters. <i>Bayesian Analysis</i> , 2009, 4, .	1.6	43
87	Adjusted Likelihoods for Synthesizing Empirical Evidence from Studies that Differ in Quality and Design: Effects of Environmental Tobacco Smoke. <i>Statistical Science</i> , 2004, 19, 450.	1.6	42
88	Mapping perceptions of species' threats and population trends to inform conservation efforts: the Bornean orangutan case study. <i>Diversity and Distributions</i> , 2015, 21, 487-499.	1.9	42
89	Beyond QMRA: Modelling microbial health risk as a complex system using Bayesian networks. <i>Environment International</i> , 2015, 80, 8-18.	4.8	42
90	Why Don't We Ask? A Complementary Method for Assessing the Status of Great Apes. <i>PLoS ONE</i> , 2011, 6, e18008.	1.1	41

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91	Assessing the relationship between global warming and mortality: Lag effects of temperature fluctuations by age and mortality categories. <i>Environmental Pollution</i> , 2011, 159, 1789-1793.	3.7	41
92	Spatial inequalities in colorectal and breast cancer survival: Premature deaths and associated factors. <i>Health and Place</i> , 2012, 18, 1412-1421.	1.5	39
93	A new ecosystem for evidence synthesis. <i>Nature Ecology and Evolution</i> , 2020, 4, 498-501.	3.4	39
94	Rising floodwaters: mapping impacts and perceptions of flooding in Indonesian Borneo. <i>Environmental Research Letters</i> , 2016, 11, 064016.	2.2	38
95	Novel Method for On-Road Emission Factor Measurements Using a Plume Capture Trailer. <i>Environmental Science & Technology</i> , 2007, 41, 574-579.	4.6	37
96	Developing the atlas of cancer in Queensland: methodological issues. <i>International Journal of Health Geographics</i> , 2011, 10, 9.	1.2	37
97	Spatially explicit structural equation modeling. <i>Ecology</i> , 2014, 95, 2434-2442.	1.5	37
98	Utility of Bayesian networks in QMRA-based evaluation of risk reduction options for recycled water. <i>Science of the Total Environment</i> , 2016, 541, 1393-1409.	3.9	37
99	THE IMPACT OF METHOD CHOICE ON META-ANALYSIS. <i>The Australian Journal of Statistics</i> , 1995, 37, 19-44.	0.2	35
100	A framework for model integration and holistic modelling of socio-technical systems. <i>Decision Support Systems</i> , 2015, 71, 14-27.	3.5	35
101	Effects of dredging on critical ecological processes for marine invertebrates, seagrasses and macroalgae, and the potential for management with environmental windows using Western Australia as a case study. <i>Ecological Indicators</i> , 2017, 78, 229-242.	2.6	34
102	Monitoring Pertussis Infections Using Internet Search Queries. <i>Scientific Reports</i> , 2017, 7, 10437.	1.6	34
103	Reparameterisation Issues in Mixture Modelling and their bearing on MCMC algorithms. <i>Computational Statistics and Data Analysis</i> , 1999, 29, 325-343.	0.7	33
104	Using decision trees to understand structure in missing data. <i>BMJ Open</i> , 2015, 5, e007450.	0.8	33
105	Concentrations of organochlorine pesticides in pooled human serum by age and gender. <i>Environmental Research</i> , 2017, 154, 10-18.	3.7	33
106	Global, regional, and national burden of lung cancer and its attributable risk factors, 1990 to 2017. <i>Cancer</i> , 2020, 126, 4220-4234.	2.0	32
107	Effect of Multiple Physiotherapy Sessions on Functional Outcomes in the Initial Postoperative Period After Primary Total Hip Replacement: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 1652-1657.	0.5	31
108	Making the most of spatial information in health: a tutorial in Bayesian disease mapping for areal data. <i>Geospatial Health</i> , 2016, 11, 428.	0.3	31

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109	Bayesian model averaging for harmful algal bloom prediction. , 2009, 19, 1805-1814.		30
110	On-road ultrafine particle concentration in the M5 East road tunnel, Sydney, Australia. Atmospheric Environment, 2009, 43, 3510-3519.	1.9	30
111	Ecological aspects of biosecurity surveillance design for the detection of multiple invasive animal species. Biological Invasions, 2011, 13, 803-818.	1.2	30
112	Integrated Bayesian network framework for modeling complex ecological issues. Integrated Environmental Assessment and Management, 2012, 8, 480-490.	1.6	30
113	Effect of Weather Variability on Seasonal Influenza Among Different Age Groups in Queensland, Australia: A Bayesian Spatiotemporal Analysis. Journal of Infectious Diseases, 2017, 215, 1695-1701.	1.9	30
114	Biosecurity threats: the design of surveillance systems, based on power and risk. Environmental and Ecological Statistics, 2010, 17, 503-519.	1.9	29
115	Association between indoor air pollution measurements and respiratory health in women and children in Lao PDR. Indoor Air, 2011, 21, 25-35.	2.0	29
116	Spatio-Temporal Patterns of Barmah Forest Virus Disease in Queensland, Australia. PLoS ONE, 2011, 6, e25688.	1.1	29
117	Geographically assisted elicitation of expert opinion for regression models. Bayesian Analysis, 2007, 2, .	1.6	28
118	Bayesian Goodness of Fit Testing with Mixtures of Triangular Distributions. Scandinavian Journal of Statistics, 2009, 36, 337-354.	0.9	28
119	A Hybrid Queue-based Bayesian Network framework for passenger facilitation modelling. Transportation Research Part C: Emerging Technologies, 2014, 46, 247-260.	3.9	28
120	Spatial and Temporal Patterns of Locally-Acquired Dengue Transmission in Northern Queensland, Australia, 1993â€“2012. PLoS ONE, 2014, 9, e92524.	1.1	28
121	EXPLORATORY SPATIAL ANALYSIS OF SOCIAL AND ENVIRONMENTAL FACTORS ASSOCIATED WITH THE INCIDENCE OF ROSS RIVER VIRUS IN BRISBANE, AUSTRALIA. American Journal of Tropical Medicine and Hygiene, 2007, 76, 814-819.	0.6	28
122	Mosquito Species (Diptera: Culicidae) and the Transmission of Ross River Virus in Brisbane, Australia. Journal of Medical Entomology, 2006, 43, 375-381.	0.9	27
123	Derivation of motor vehicle tailpipe particle emission factors suitable for modelling urban fleet emissions and air quality assessments. Environmental Science and Pollution Research, 2010, 17, 724-739.	2.7	27
124	What is an expert? A systems perspective on expertise. Ecology and Evolution, 2014, 4, 231-242.	0.8	27
125	Overfitting Bayesian Mixture Models with an Unknown Number of Components. PLoS ONE, 2015, 10, e0131739.	1.1	27
126	Detecting Technical Anomalies in High-Frequency Water-Quality Data Using Artificial Neural Networks. Environmental Science & Technology, 2020, 54, 13719-13730.	4.6	27

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127	Bayesian Spatiotemporal Analysis of Socio-Ecologic Drivers of Ross River Virus Transmission in Queensland, Australia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 722-728.	0.6	26
128	Predicting fatigue using countermovement jump force-time signatures: PCA can distinguish neuromuscular versus metabolic fatigue. <i>PLoS ONE</i> , 2019, 14, e0219295.	1.1	26
129	Assessing the combined effect of asbestos exposure and smoking on lung cancer: a Bayesian approach. <i>Statistics in Medicine</i> , 2007, 26, 1150-1169.	0.8	25
130	Info-gap theory and robust design of surveillance for invasive species: The case study of Barrow Island. <i>Journal of Environmental Management</i> , 2009, 90, 2785-2793.	3.8	25
131	Implementation of multivariate control charts in a clinical setting. <i>International Journal for Quality in Health Care</i> , 2010, 22, 408-414.	0.9	25
132	Integrating Bayesian networks and geographic information systems: Good practice examples. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 473-479.	1.6	25
133	Weather variability and influenza A (H7N9) transmission in Shanghai, China: A Bayesian spatial analysis. <i>Environmental Research</i> , 2015, 136, 405-412.	3.7	25
134	Lowering of Intraocular Pressure After Phacoemulsification in Primary Open-Angle and Angle-Closure Glaucoma. <i>Asia-Pacific Journal of Ophthalmology</i> , 2016, 5, 79-84.	1.3	25
135	Head and neck adaptive radiotherapy: Predicting the time to replan. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2016, 12, 460-467.	0.7	25
136	Mosquito species (Diptera: Culicidae) and the transmission of Ross River virus in Brisbane, Australia. <i>Journal of Medical Entomology</i> , 2006, 43, 375-81.	0.9	25
137	Passive smoking in the workplace: classical and Bayesian meta-analyses. <i>International Archives of Occupational and Environmental Health</i> , 1994, 66, 269-277.	1.1	24
138	Garbage In, Garbage Out: Can Statisticians Quantify the Effects of Poor Data?. <i>Chance</i> , 1994, 7, 20-27.	0.1	24
139	A method for designing complex biosecurity surveillance systems: detecting non-indigenous species of invertebrates on an island. <i>Diversity and Distributions</i> , 2013, 19, 629-639.	1.9	24
140	Ultrasound of paediatric appendicitis and its secondary sonographic signs: providing a more meaningful finding. <i>Journal of Medical Radiation Sciences</i> , 2016, 63, 59-66.	0.8	24
141	Principles of Experimental Design for Big Data Analysis. <i>Statistical Science</i> , 2017, 32, 385-404.	1.6	24
142	Informing management decisions for ecological networks, using dynamic models calibrated to noisy time-series data. <i>Ecology Letters</i> , 2020, 23, 607-619.	3.0	24
143	Bayesian Network for Risk of Diarrhea Associated with the Use of Recycled Water. <i>Risk Analysis</i> , 2009, 29, 1672-1685.	1.5	23
144	The effect of housing characteristics and occupant activities on the respiratory health of women and children in Lao PDR. <i>Science of the Total Environment</i> , 2011, 409, 1378-1384.	3.9	23

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145	Identification of area-level influences on regions of high cancer incidence in Queensland, Australia: a classification tree approach. <i>BMC Cancer</i> , 2011, 11, 311.	1.1	23
146	Modeling the viability of the free-ranging cheetah population in Namibia: an object-oriented Bayesian network approach. <i>Ecosphere</i> , 2013, 4, 1-19.	1.0	23
147	Pre-processing for approximate Bayesian computation in image analysis. <i>Statistics and Computing</i> , 2015, 25, 23-33.	0.8	23
148	Spatial variation in cancer incidence and survival over time across Queensland, Australia. <i>Spatial and Spatio-temporal Epidemiology</i> , 2017, 23, 59-67.	0.9	22
149	Using Boosted Regression Trees and Remotely Sensed Data to Drive Decision-Making. <i>Open Journal of Statistics</i> , 2017, 07, 859-875.	0.3	22
150	Difference in Mosquito Species (Diptera: Culicidae) and the Transmission of Ross River Virus Between Coastline and Inland Areas in Brisbane, Australia. <i>Environmental Entomology</i> , 2010, 39, 88-97.	0.7	21
151	Epidemiologic Patterns of Ross River Virus Disease in Queensland, Australia, 2001–2011. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 109-118.	0.6	21
152	Crown-of-thorns starfish undermine the resilience of coral populations on the Great Barrier Reef. <i>Global Ecology and Biogeography</i> , 2017, 26, 846-853.	2.7	21
153	A Decision Tree Approach for Spatially Interpolating Missing Land Cover Data and Classifying Satellite Images. <i>Remote Sensing</i> , 2019, 11, 1796.	1.8	21
154	Using big data to predict pertussis infections in Jinan city, China: a time series analysis. <i>International Journal of Biometeorology</i> , 2020, 64, 95-104.	1.3	21
155	Estimating tree component biomass using variable probability sampling methods. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2001, 6, 258-267.	0.7	20
156	The use of ZIP and CART to model cryptosporidiosis in relation to climatic variables. <i>International Journal of Biometeorology</i> , 2010, 54, 433-440.	1.3	20
157	Adaptive Bayesian compound designs for dose finding studies. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 1480-1492.	0.4	20
158	Missing in space: an evaluation of imputation methods for missing data in spatial analysis of risk factors for type II diabetes. <i>International Journal of Health Geographics</i> , 2014, 13, 47.	1.2	20
159	A Bayesian Network-based customer satisfaction model: a tool for management decisions in railway transport. <i>Decision Analytics</i> , 2016, 3, .	1.4	20
160	Bayesian estimation of the dynamics of pandemic (H1N1) 2009 influenza transmission in Queensland: A space-time SIR-based model. <i>Environmental Research</i> , 2016, 146, 308-314.	3.7	20
161	Managing seagrass resilience under cumulative dredging affecting light: Predicting risk using dynamic Bayesian networks. <i>Journal of Applied Ecology</i> , 2018, 55, 1339-1350.	1.9	20
162	Bayesian statistics meets sports: a comprehensive review. <i>Journal of Quantitative Analysis in Sports</i> , 2019, 15, 289-312.	0.5	20

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163	Improving the value of ultrasound in children with suspected appendicitis: a prospective study integrating secondary sonographic signs. <i>Ultrasonography</i> , 2019, 38, 67-75.	1.0	20
164	County-level variation in the long-term association between PM2.5 and lung cancer mortality in China. <i>Science of the Total Environment</i> , 2020, 738, 140195.	3.9	20
165	Evaluation of oestrogen and progesterone receptor status in HER-2 positive breast carcinomas and correlation with outcome. <i>Pathology</i> , 2006, 38, 391-398.	0.3	19
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