# Kerrie L Mengersen

List of Publications by Year
in descending order

| 457 papers | 15,872 citations | 26630 56 h-index | 26613 107 g-index |
| --- | --- | --- | --- |
| 509 all docs | 509 docs citations | 509 times ranked | 20420 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Ensuring Prevention Science Research is Synthesis-Ready for Immediate and Lasting Scientific Impact. Prevention Science, 2022, 23, 809-820. | 2.6 | 6 |
| 2 | Bayesian prediction of winning times for elite swimming events. Journal of Sports Sciences, 2022, 40, 24-31. | 2.0 | 4 |
| 3 | Identification of two‑phase recovery for interpretation of coral reef monitoring data. Journal of Applied Ecology, 2022, 59, 153-164. | 4.0 | 6 |
| 4 | Designing an evidence-based Bayesian network for estimating the risk versus benefits of AstraZeneca COVID-19 vaccine. Vaccine, 2022, 40, 3072-3084. | 3.8 | 6 |
| 5 | Framework for assessing and easing global COVID-19 travel restrictions. Scientific Reports, 2022, 12, 6985. | 3.3 | 7 |
| 6 | Evaluation of spatial Bayesian Empirical Likelihood models in analysis of small area data. PLoS ONE, 2022, 17, e0268130. | 2.5 | 0 |
| 7 | Kernelized Sparse Bayesian Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 391-404. | 11.3 | 6 |
| 8 | Correcting Misclassification Errors in Crowdsourced Ecological Data: A Bayesian Perspective. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 147-173. | 1.0 | 7 |
| 9 | Assessing the accuracy of record linkages with Markov chain based Monte Carlo simulation approach. Journal of Big Data, 2021, 8, . | 11.0 | 5 |
| 10 | Spatial Random Forest (S-RF): A random forest approach for spatially interpolating missing land-cover data with multiple classes. International Journal of Remote Sensing, 2021, 42, 3756-3776. | 2.9 | 5 |
| 11 | Likelihood-Free Parameter Estimation for Dynamic Queueing Networks: Case Study of Passenger Flow in an International Airport Terminal. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 770-792. | 1.0 | 4 |
| 12 | Simple discrete-time self-exciting models can describe complex dynamic processes: A case study of COVID-19. PLoS ONE, 2021, 16, e0250015. | 2.5 | 9 |
| 13 | Understanding the reliability of citizen science observational data using item response models. Methods in Ecology and Evolution, 2021, 12, 1533-1548. | 5.2 | 9 |
| 14 | Interpolating missing land cover data using stochastic spatial random forests for improved change detection. Remote Sensing in Ecology and Conservation, 2021, 7, 649-665. | 4.3 | 6 |
| 15 | Connecting virtual reality and ecology: a new tool to run seamless immersive experiments in R. PeerJ Computer Science, 2021, 7, e544. | 4.5 | 1 |
| 16 | Peer groups for organisational learning: Clustering with practical constraints. PLoS ONE, 2021, 16, e0251723. | 2.5 | 0 |
| 17 | Using internet-based query and climate data to predict climate-sensitive infectious disease risks: a systematic review of epidemiological evidence. International Journal of Biometeorology, 2021, 65, 2203-2214. | 3.0 | 9 |
| 18 | Predicting performance in 4 x 200-m freestyle swimming relay events. PLoS ONE, 2021, 16, e0254538. | 2.5 | 1 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Curve Registration of Functional Data for Approximate Bayesian Computation. Stats, 2021, 4, 762-775. | 0.9 | 0 |
| 20 | Bayesian spatial survival modelling for dengue fever in Makassar, Indonesia. Gaceta Sanitaria, 2021, 35, S59-S63. | 1.5 | 5 |
| 21 | Bayesian Hierarchical Multidimensional Item Response Modeling of Small Sample, Sparse Data for Personalized Developmental Surveillance. Educational and Psychological Measurement, 2021, 81, 936-956. | 2.4 | 4 |
| 22 | Bayesian meta‐analysis models for cross cancer genomic investigation of pleiotropic effects using group structure. Statistics in Medicine, 2021, 40, 1498-1518. | 1.6 | 2 |
| 23 | Mapping of Coral Reefs with Multispectral Satellites: A Review of Recent Papers. Remote Sensing, 2021, 13, 4470. | 4.0 | 7 |
| 24 | Reconstructing Missing and Anomalous Data Collected from High-Frequency In-Situ Sensors in Fresh Waters. International Journal of Environmental Research and Public Health, 2021, 18, 12803. | 2.6 | 5 |
| 25 | Using big data to predict pertussis infections in Jinan city, China: a time series analysis. International Journal of Biometeorology, 2020, 64, 95-104. | 3.0 | 21 |
| 26 | Monitoring through many eyes: Integrating disparate datasets to improve monitoring of the Great Barrier Reef. Environmental Modelling and Software, 2020, 124, 104557. | 4.5 | 9 |
| 27 | Combining Opinions for Use in Bayesian Networks: A Measurement Error Approach. International Statistical Review, 2020, 88, 335-353. | 1.9 | 2 |
| 28 | Identification of Pre-Clinical Alzheimer's Disease in a Population of Elderly Cognitively Normal Participants. Journal of Alzheimer's Disease, 2020, 73, 683-693. | 2.6 | 0 |
| 29 | A stochastic model of jaguar abundance in the Peruvian Amazon under climate variation scenarios. Ecology and Evolution, 2020, 10, 10829-10850. | 1.9 | 1 |
| 30 | Evaluating the impact of a small number of areas on spatial estimation. International Journal of Health Geographics, 2020, 19, 39. | 2.5 | 13 |
| 31 | Hindsight is 2020 vision: a characterisation of the global response to the COVID-19 pandemic. BMC Public Health, 2020, 20, 1868. | 2.9 | 15 |
| 32 | Augmenting disease maps: a Bayesian meta-analysis approach. Royal Society Open Science, 2020, 7, 192151. | 2.4 | 2 |
| 33 | Detecting Technical Anomalies in High-Frequency Water-Quality Data Using Artificial Neural Networks. Environmental Science &amp; Technology, 2020, 54, 13719-13730. | 10.0 | 27 |
| 34 | Multivariate Bayesian meta-analysis: joint modelling of multiple cancer types using summary statistics. International Journal of Health Geographics, 2020, 19, 42. | 2.5 | 4 |
| 35 | Relative rate of change in cognitive score network dynamics via Bayesian hierarchical models reveal spatial patterns of neurodegeneration. Statistics in Medicine, 2020, 39, 2695-2713. | 1.6 | 0 |
| 36 | Estimating a novel stochastic model for within-field disease dynamics of banana bunchy top virus via approximate Bayesian computation. PLoS Computational Biology, 2020, 16, e1007878. | 3.2 | 8 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 37 | Comparing Bayesian spatial models: Goodness-of-smoothing criteria for assessing under- and over-smoothing. PLoS ONE, 2020, 15, e0233019. | 2.5 | 12 |
| 38 | Identifying latent subgroups of children with developmental delay using Bayesian sequential updating and Dirichlet process mixture modelling. PLoS ONE, 2020, 15, e0233542. | 2.5 | 2 |
| 39 | A new ecosystem for evidence synthesis. Nature Ecology and Evolution, 2020, 4, 498-501. | 7.8 | 39 |
| 40 | Forecasting intensifying disturbance effects on coral reefs. Global Change Biology, 2020, 26, 2785-2797. | 9.5 | 46 |
| 41 | County-level variation in the long-term association between PM2.5 and lung cancer mortality in China. Science of the Total Environment, 2020, 738, 140195. | 8.0 | 20 |
| 42 | Global, regional, and national burden of lung cancer and its attributable risk factors, 1990 to 2017. Cancer, 2020, 126, 4220-4234. | 4.1 | 32 |
| 43 | Bayesian Nonnegative Matrix Factorization With Dirichlet Process Mixtures. IEEE Transactions on Signal Processing, 2020, 68, 3860-3870. | 5.3 | 9 |
| 44 | Association of weather variability with resurging pertussis infections among different age groups: A non-linear approach. Science of the Total Environment, 2020, 719, 137510. | 8.0 | 4 |
| 45 | Climate variability and dengue fever in Makassar, Indonesia: Bayesian spatio-temporal modelling. Spatial and Spatio-temporal Epidemiology, 2020, 33, 100335. | 1.7 | 12 |
| 46 | Comparison of statistical machine learning models for rectal protocol compliance in prostate external beam radiation therapy. Medical Physics, 2020, 47, 1452-1459. | 3.0 | 4 |
| 47 | Informing management decisions for ecological networks, using dynamic models calibrated to noisy time‐series data. Ecology Letters, 2020, 23, 607-619. | 6.4 | 24 |
| 48 | A Comparison of Bayesian Spatial Models for Cancer Incidence at a Small Area Level: Theory and Performance. Lecture Notes in Mathematics, 2020, , 245-274. | 0.2 | 3 |
| 49 | A Survey of Bayesian Statistical Approaches for Big Data. Lecture Notes in Mathematics, 2020, , 17-44. | 0.2 | 3 |
| 50 | Stochastic spatial random forest (SS-RF) for interpolating probabilities of missing land cover data. Journal of Big Data, 2020, 7, . | 11.0 | 3 |
| 51 | Thresholds of Coral Cover That Support Coral Reef Biodiversity. Lecture Notes in Mathematics, 2020, , 385-398. | 0.2 | 0 |
| 52 | Bayesian Modelling to Assist Inference on Health Outcomes in Occupational Health Surveillance. Lecture Notes in Mathematics, 2020, , 327-343. | 0.2 | 0 |
| 53 | An Ensemble Approach to Modelling the Combined Effect of Risk Factors on Age at Parkinson's Disease Onset. Lecture Notes in Mathematics, 2020, , 275-302. | 0.2 | 0 |
| 54 | Bayesian Spike Sorting: Parametric and Nonparametric Multivariate Gaussian Mixture Models. Lecture Notes in Mathematics, 2020, , 215-227. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 55 | Workplace Health and Workplace Wellness: Synergistic or Disconnected?. Lecture Notes in Mathematics, 2020, , 303-326. | 0.2 | 1 |
| 56 | A Bayesian Hierarchical Approach to Jointly Model Cortical Thickness and Covariance Networks. Lecture Notes in Mathematics, 2020, , 155-213. | 0.2 | 0 |
| 57 | Bayesian Learning of Biodiversity Models Using Repeated Observations. Lecture Notes in Mathematics, 2020, , 371-384. | 0.2 | 0 |
| 58 | Bayesian Computation with Intractable Likelihoods. Lecture Notes in Mathematics, 2020, , 137-151. | 0.2 | 4 |
| 59 | Application of Bayesian Mixture Models to Satellite Images and Estimating the Risk of Fire-Ant Incursion in the Identified Geographical Cluster. Lecture Notes in Mathematics, 2020, , 399-417. | 0.2 | 0 |
| 60 | Bayesian Networks for Understanding Human-Wildlife Conflict in Conservation. Lecture Notes in Mathematics, 2020, , 347-370. | 0.2 | 1 |
| 61 | Nonparametric Bayesian Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2020, , 132-141. | 1.3 | 0 |
| 62 | Title is missing!. , 2020, 16, e1007878. | | 0 |
| 63 | Title is missing!. , 2020, 16, e1007878. | | 0 |
| 64 | Title is missing!. , 2020, 16, e1007878. | | 0 |
| 65 | Title is missing!. , 2020, 16, e1007878. | | 0 |
| 66 | Title is missing!. , 2020, 16, e1007878. | | 0 |
| 67 | Title is missing!. , 2020, 16, e1007878. | | 0 |
| 68 | Evaluating health facility access using Bayesian spatial models and location analysis methods. PLoS ONE, 2019, 14, e0218310. | 2.5 | 7 |
| 69 | Analysing the dynamics and relative influence of variables affecting ecosystem responses using functional PCA and boosted regression trees: A seagrass case study. Methods in Ecology and Evolution, 2019, 10, 1723-1733. | 5.2 | 3 |
| 70 | [HDDA] sparse subspace constrained partial least squares. Journal of Statistical Computation and Simulation, 2019, 89, 1005-1019. | 1.2 | 0 |
| 71 | Predicting fatigue using countermovement jump force-time signatures: PCA can distinguish neuromuscular versus metabolic fatigue. PLoS ONE, 2019, 14, e0219295. | 2.5 | 26 |
| 72 | Bayesian mixture models and their Big Data implementations with application to invasive species presence-only data. Journal of Big Data, 2019, 6, . | 11.0 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Application of ensemble methods to analyse the decline of organochlorine pesticides in relation to the interactions between age, gender and time. PLoS ONE, 2019, 14, e0223956. | 2.5 | 3 |
| 74 | A Bayesian spatiotemporal model of panel design data: Airborne particle number concentration in Brisbane, Australia. Environmetrics, 2019, 30, e2597. | 1.4 | 5 |
| 75 | A Feature‐Based Procedure for Detecting Technical Outliers in Water‐Quality Data From In Situ Sensors. Water Resources Research, 2019, 55, 8547-8568. | 4.2 | 12 |
| 76 | A Decision Tree Approach for Spatially Interpolating Missing Land Cover Data and Classifying Satellite Images. Remote Sensing, 2019, 11, 1796. | 4.0 | 21 |
| 77 | Bayesian statistics meets sports: a comprehensive review. Journal of Quantitative Analysis in Sports, 2019, 15, 289-312. | 1.0 | 20 |
| 78 | Lung Cancer Mortality in China. Chest, 2019, 156, 972-983. | 0.8 | 16 |
| 79 | Development of the Australian Cancer Atlas: spatial modelling, visualisation, and reporting of estimates. International Journal of Health Geographics, 2019, 18, 21. | 2.5 | 17 |
| 80 | Short-term association between ambient air pollution and lung cancer mortality. Environmental Research, 2019, 179, 108748. | 7.5 | 87 |
| 81 | Estimating Spatial and Temporal Trends in Environmental Indices Based on Satellite Data: A Two-Step Approach. Sensors, 2019, 19, 361. | 3.8 | 6 |
| 82 | Image Denoising Based on Nonlocal Bayesian Singular Value Thresholding and Stein's Unbiased Risk Estimator. IEEE Transactions on Image Processing, 2019, 28, 4899-4911. | 9.8 | 11 |
| 83 | Improving the value of ultrasound in children with suspected appendicitis: a prospective study integrating secondary sonographic signs. Ultrasonography, 2019, 38, 67-75. | 2.3 | 20 |
| 84 | Water quality mediates resilience on the Great Barrier Reef. Nature Ecology and Evolution, 2019, 3, 620-627. | 7.8 | 139 |
| 85 | A framework for automated anomaly detection in high frequency water-quality data from in situ sensors. Science of the Total Environment, 2019, 664, 885-898. | 8.0 | 64 |
| 86 | Predicting sediment and nutrient concentrations from high-frequency water-quality data. PLoS ONE, 2019, 14, e0215503. | 2.5 | 19 |
| 87 | Using virtual reality and thermal imagery to improve statistical modelling of vulnerable and protected species. PLoS ONE, 2019, 14, e0217809. | 2.5 | 8 |
| 88 | Association of sociodemographic factors and internet query data with pertussis infections in Shandong, China. Epidemiology and Infection, 2019, 147, e302. | 2.1 | 1 |
| 89 | Using the Value of Information to improve conservation decision making. Biological Reviews, 2019, 94, 629-647. | 10.4 | 50 |
| 90 | Resurgence of Pertussis Infections in Shandong, China: Space-Time Cluster and Trend Analysis. American Journal of Tropical Medicine and Hygiene, 2019, 100, 1342-1354. | 1.4 | 15 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 91 | Robust Kernelized Bayesian Matrix Factorization for Video Background/Foreground Separation. Lecture Notes in Computer Science, 2019, , 484-495. | 1.3 | 3 |
| 92 | Bayesian Approach to Predicting Acute Appendicitis Using Ultrasonographic and Clinical Variables in Children. Healthcare Informatics Research, 2019, 25, 212. | 1.9 | 4 |
| 93 | Transferring biodiversity models for conservation: Opportunities and challenges. Methods in Ecology and Evolution, 2018, 9, 1250-1264. | 5.2 | 84 |
| 94 | Effects of exposure to ambient ultrafine particles on respiratory health and systemic inflammation in children. Environment International, 2018, 114, 167-180. | 10.0 | 85 |
| 95 | Lung cancer and particulate pollution: A critical review of spatial and temporal analysis evidence. Environmental Research, 2018, 164, 585-596. | 7.5 | 49 |
| 96 | Using History Matching for Prior Choice. Technometrics, 2018, 60, 445-460. | 1.9 | 6 |
| 97 | Managing seagrass resilience under cumulative dredging affecting light: Predicting risk using dynamic Bayesian networks. Journal of Applied Ecology, 2018, 55, 1339-1350. | 4.0 | 20 |
| 98 | Approximation of Bayesian Predictive p-Values with Regression ABC. Bayesian Analysis, 2018, 13, . | 3.0 | 13 |
| 99 | Dynamic Bayesian Network Inferencing for Non-Homogeneous Complex Systems. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 417-434. | 1.0 | 10 |
| 100 | Prior and Posterior Linear Pooling for Combining Expert Opinions: Uses and Impact on Bayesian Networksâ€"The Case of the Wayfinding Model. Entropy, 2018, 20, 209. | 2.2 | 3 |
| 101 | Paediatric appendiceal ultrasound: a survey of Australasian sonographersâ€™ opinions on examination performance and sonographic criteria. Journal of Medical Radiation Sciences, 2018, 65, 267-274. | 1.5 | 3 |
| 102 | Critical evaluation of linear regression models for cell-subtype specific methylation signal from mixed blood cell DNA. PLoS ONE, 2018, 13, e0208915. | 2.5 | 6 |
| 103 | An efficient algorithm for estimating brain covariance networks. PLoS ONE, 2018, 13, e0198583. | 2.5 | 2 |
| 104 | Influence of Spatial Aggregation on Prediction Accuracy of Green Vegetation Using Boosted Regression Trees. Remote Sensing, 2018, 10, 1260. | 4.0 | 5 |
| 105 | Statistical Machine Learning Methods and Remote Sensing for Sustainable Development Goals: A Review. Remote Sensing, 2018, 10, 1365. | 4.0 | 158 |
| 106 | Visual symptoms following iridotomy. Clinical and Experimental Ophthalmology, 2018, 46, 1100-1101. | 2.6 | 0 |
| 107 | An imageâ€guided radiotherapy decision support framework incorporating a Bayesian network and visualization tool. Medical Physics, 2018, 45, 2884-2897. | 3.0 | 7 |
| 108 | A feature alignment score for online coneâ€beam CT â€based imageâ€guided radiotherapy for prostate cancer. Medical Physics, 2018, 45, 2898-2911. | 3.0 | 3 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 109 | Using Google Trends and ambient temperature to predict seasonal influenza outbreaks. Environment International, 2018, 117, 284-291. | 10.0 | 74 |
| 110 | Analysis of the predictive value of clinical and sonographic variables in children with suspected acute appendicitis using decision tree algorithms. Sonography, 2018, 5, 157-163. | 0.5 | 7 |
| 111 | UAVs and Machine Learning Revolutionising Invasive Grass and Vegetation Surveys in Remote Arid Lands. Sensors, 2018, 18, 605. | 3.8 | 46 |
| 112 | Modelling habitat and planning surveillance using Landsat imagery: a case study using Imported Red Fire ants. Biological Invasions, 2018, 20, 1349-1367. | 2.4 | 2 |
| 113 | Now You See Them, Soon You Won'€™t: Statistical and Mathematical Models for Cheetah Conservation Management. , 2018, , 505-515. | | 1 |
| 114 | Outstanding Challenges in the Transferability of Ecological Models. Trends in Ecology and Evolution, 2018, 33, 790-802. | 8.7 | 403 |
| 115 | Using virtual reality to estimate aesthetic values of coral reefs. Royal Society Open Science, 2018, 5, 172226. | 2.4 | 14 |
| 116 | Environmental decision'€making using Bayesian networks: creating an environmental report card. Applied Stochastic Models in Business and Industry, 2017, 33, 335-347. | 1.5 | 3 |
| 117 | Risk Profiles for Sensorineural Hearing Loss in Patients with Head and Neck Cancer Receiving Cisplatin-based Chemoradiation. Journal of Medical Imaging and Radiation Sciences, 2017, 48, 61-67. | 0.3 | 9 |
| 118 | Comparisons of neurodegeneration over time between healthy ageing and Alzheimer's disease cohorts via Bayesian inference. BMJ Open, 2017, 7, e012174. | 1.9 | 11 |
| 119 | Zero-tolerance biosecurity protects high-conservation-value island nature reserve. Scientific Reports, 2017, 7, 772. | 3.3 | 15 |
| 120 | Using a Bayesian network to clarify areas requiring research in a host'€"pathogen system. Conservation Biology, 2017, 31, 1373-1382. | 4.7 | 4 |
| 121 | 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. | 4.0 | 30 |
| 122 | Crown'€of'€thorns starfish undermine the resilience of coral populations on the Great Barrier Reef. Global Ecology and Biogeography, 2017, 26, 846-853. | 5.8 | 21 |
| 123 | Improved Coral Population Estimation Reveals Trends at Multiple Scales on Australia'€™s Great Barrier Reef. Ecosystems, 2017, 20, 1337-1350. | 3.4 | 12 |
| 124 | Modelling imperfect presence data obtained by citizen science. Environmetrics, 2017, 28, e2446. | 1.4 | 19 |
| 125 | A geostatistical model for combined analysis of point-level and area-level data using INLA and SPDE. Spatial Statistics, 2017, 21, 27-41. | 1.9 | 44 |
| 126 | Stumped? It could be stump appendicitis. Sonography, 2017, 4, 36-39. | 0.5 | 2 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 127 | 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. Ecological Indicators, 2017, 78, 229-242. | 6.3 | 34 |
| 128 | Potential of Bayesian networks for adaptive management in water recycling. Environmental Modelling and Software, 2017, 91, 251-270. | 4.5 | 10 |
| 129 | Concentrations of organochlorine pesticides in pooled human serum by age and gender. Environmental Research, 2017, 154, 10-18. | 7.5 | 33 |
| 130 | Bayesian semi-individual based model with approximate Bayesian computation for parameters calibration: Modelling Crown-of-Thorns populations on the Great Barrier Reef. Ecological Modelling, 2017, 364, 113-123. | 2.5 | 8 |
| 131 | Principles of Experimental Design for Big Data Analysis. Statistical Science, 2017, 32, 385-404. | 2.8 | 24 |
| 132 | Monitoring Pertussis Infections Using Internet Search Queries. Scientific Reports, 2017, 7, 10437. | 3.3 | 34 |
| 133 | Transgenic Cavendish bananas with resistance to Fusarium wilt tropical race 4. Nature Communications, 2017, 8, 1496. | 12.8 | 168 |
| 134 | Timing anthropogenic stressors to mitigate their impact on marine ecosystem resilience. Nature Communications, 2017, 8, 1263. | 12.8 | 47 |
| 135 | Spatial variation in cancer incidence and survival over time across Queensland, Australia. Spatial and Spatio-temporal Epidemiology, 2017, 23, 59-67. | 1.7 | 22 |
| 136 | First integrative trend analysis for a great ape species in Borneo. Scientific Reports, 2017, 7, 4839. | 3.3 | 47 |
| 137 | Bayesian hidden Markov models in DNA sequence segmentation using R: the case of Simian Vacuolating virus (SV40). Journal of Statistical Computation and Simulation, 2017, 87, 2799-2827. | 1.2 | 1 |
| 138 | An improved method for calculating toxicity-based pollutant loads: Part 1. Method development. Integrated Environmental Assessment and Management, 2017, 13, 746-753. | 2.9 | 7 |
| 139 | An improved method for calculating toxicity-based pollutant loads: Part 2. Application to contaminants discharged to the Great Barrier Reef, Queensland, Australia. Integrated Environmental Assessment and Management, 2017, 13, 754-764. | 2.9 | 7 |
| 140 | Influence of demographic variables on uptake of domestic solar photovoltaic technology. Renewable and Sustainable Energy Reviews, 2017, 67, 315-323. | 16.4 | 58 |
| 141 | Guidelines for Use of the Approximate Betaâ€Poisson Doseâ€"Response Model. Risk Analysis, 2017, 37, 1388-1402. | 2.7 | 15 |
| 142 | Oil palmâ€"community conflict mapping in Indonesia: A case for better community liaison in planning for development initiatives. Applied Geography, 2017, 78, 33-44. | 3.7 | 74 |
| 143 | Modelling environmental drivers of black band disease outbreaks in populations of foliose corals in the genus <i>Montipora</i>. PeerJ, 2017, 5, e3438. | 2.0 | 6 |
| 144 | Accounting for cell lineage and sex effects in the identification of cell-specific DNA methylation using a Bayesian model selection algorithm. PLoS ONE, 2017, 12, e0182455. | 2.5 | 6 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 145 | Spatial smoothing in Bayesian models: a comparison of weights matrix specifications and their impact on inference. International Journal of Health Geographics, 2017, 16, 47. | 2.5 | 55 |
| 146 | Accurate phenotyping: Reconciling approaches through Bayesian model averaging. PLoS ONE, 2017, 12, e0176136. | 2.5 | 1 |
| 147 | Joint modelling of potentially avoidable hospitalisation for five diseases accounting for spatiotemporal effects: A case study in New South Wales, Australia. PLoS ONE, 2017, 12, e0183653. | 2.5 | 9 |
| 148 | Using Boosted Regression Trees and Remotely Sensed Data to Drive Decision-Making. Open Journal of Statistics, 2017, 07, 859-875. | 0.7 | 22 |
| 149 | Making the most of spatial information in health: a tutorial in Bayesian disease mapping for areal data. Geospatial Health, 2016, 11, 428. | 0.8 | 31 |
| 150 | Unmanned Aerial Vehicles (UAVs) and Artificial Intelligence Revolutionizing Wildlife Monitoring and Conservation. Sensors, 2016, 16, 97. | 3.8 | 327 |
| 151 | Bayesian Estimation of Small Effects in Exercise and Sports Science. PLoS ONE, 2016, 11, e0147311. | 2.5 | 55 |
| 152 | Spatially Varying Coefficient Inequalities: Evaluating How the Impact of Patient Characteristics on Breast Cancer Survival Varies by Location. PLoS ONE, 2016, 11, e0155086. | 2.5 | 2 |
| 153 | A Generalized QMRA Betaâ€Poisson Doseâ€Response Model. Risk Analysis, 2016, 36, 1948-1958. | 2.7 | 11 |
| 154 | Rising floodwaters: mapping impacts and perceptions of flooding in Indonesian Borneo. Environmental Research Letters, 2016, 11, 064016. | 5.2 | 38 |
| 155 | Lowering of Intraocular Pressure After Phacoemulsification in Primary Open-Angle and Angle-Closure Glaucoma. Asia-Pacific Journal of Ophthalmology, 2016, 5, 79-84. | 2.5 | 25 |
| 156 | Bayesian methods for comparing species physiological and ecological response curves. Ecological Informatics, 2016, 34, 35-43. | 5.2 | 9 |
| 157 | Spatio-temporal relative survival of breast and colorectal cancer in Queensland, Australia 2001â€"2011. Spatial and Spatio-temporal Epidemiology, 2016, 19, 103-114. | 1.7 | 10 |
| 158 | A Bayesian Network-based customer satisfaction model: a tool for management decisions in railway transport. Decision Analytics, 2016, 3, . | 1.4 | 20 |
| 159 | Consensus priors for multinomial and binomial ratios. Journal of Statistical Theory and Practice, 2016, 10, 736-754. | 0.5 | 0 |
| 160 | A flexible parametric approach to examining spatial variation in relative survival. Statistics in Medicine, 2016, 35, 5448-5463. | 1.6 | 12 |
| 161 | Automated replication of cone beam CT â€guided treatments in the Pinnacle 3 treatment planning system for adaptive radiotherapy. Journal of Medical Radiation Sciences, 2016, 63, 48-58. | 1.5 | 1 |
| 162 | Ultrasound of paediatric appendicitis and its secondary sonographic signs: providing a more meaningful finding. Journal of Medical Radiation Sciences, 2016, 63, 59-66. | 1.5 | 24 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 163 | Bayesian adaptive design: improving the effectiveness of monitoring of the Great Barrier Reef. Ecological Applications, 2016, 26, 2637-2648. | 3.8 | 15 |
| 164 | Virtual reality for conservation. , 2016, , . | | 7 |
| 165 | On the (virtual) getting of wisdom: Immersive 3D interfaces for eliciting spatial information from experts. Spatial Statistics, 2016, 18, 318-331. | 1.9 | 5 |
| 166 | Head and neck adaptive radiotherapy: Predicting the time to replan. Asia-Pacific Journal of Clinical Oncology, 2016, 12, 460-467. | 1.1 | 25 |
| 167 | Symplectic geometry spectrum regression for prediction of noisy time series. Physical Review E, 2016, 93, 052217. | 2.1 | 11 |
| 168 | Bayesian spatiotemporal modelling for identifying unusual and unstable trends in mammography utilisation. BMJ Open, 2016, 6, e010253. | 1.9 | 4 |
| 169 | Sonographic diagnosis of acute appendicitis in children: a 3â€year retrospective. Sonography, 2016, 3, 87-94. | 0.5 | 9 |
| 170 | Bayesian nonparametric dependent model for partially replicated data: The influence of fuel spills on species diversity. Annals of Applied Statistics, 2016, 10, . | 1.1 | 16 |
| 171 | Association between location of laser iridotomy and frequency of visual symptoms: a Bayesian learning analysis. Clinical and Experimental Ophthalmology, 2016, 44, 215-217. | 2.6 | 1 |
| 172 | Bayesian estimation of the dynamics of pandemic (H1N1) 2009 influenza transmission in Queensland: A spaceâ€"time SIR-based model. Environmental Research, 2016, 146, 308-314. | 7.5 | 20 |
| 173 | Predicting health programme participation: a gravity-based, hierarchical modelling approach. Journal of the Royal Statistical Society Series C: Applied Statistics, 2016, 65, 145-166. | 1.0 | 2 |
| 174 | Utility of Bayesian networks in QMRA-based evaluation of risk reduction options for recycled water. Science of the Total Environment, 2016, 541, 1393-1409. | 8.0 | 37 |
| 175 | A Comparison of Bayesian Models ofÂHeteroscedasticity in Nested Normal Data. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 2947-2964. | 1.2 | 1 |
| 176 | Does geographic location impact the survival differential between screen- and interval-detected breast cancers?. Stochastic Environmental Research and Risk Assessment, 2016, 30, 155-165. | 4.0 | 9 |
| 177 | Ultrahigh Dimensional Variable Selection for Interpolation of Point Referenced Spatial Data: A Digital Soil Mapping Case Study. PLoS ONE, 2016, 11, e0162489. | 2.5 | 9 |
| 178 | Spatial modelling of type II diabetes outcomes: a systematic review of approaches used. Royal Society Open Science, 2015, 2, 140460. | 2.4 | 13 |
| 179 | Impacts of El NiÃ±o Southern Oscillation and Indian Ocean Dipole on dengue incidence in Bangladesh. Scientific Reports, 2015, 5, 16105. | 3.3 | 48 |
| 180 | Geographic variation in the intended choice of adjuvant treatments for women diagnosed with screen-detected breast cancer in Queensland. BMC Public Health, 2015, 15, 1204. | 2.9 | 10 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 181 | A Case Study for Modelling Cancer Incidence Using Bayesian Spatio‐Temporal Models. Australian and New Zealand Journal of Statistics, 2015, 57, 325-345. | 0.9 | 5 |
| 182 | Looking deeper than (just) below the surface. Clinical and Experimental Ophthalmology, 2015, 43, 492-493. | 2.6 | 2 |
| 183 | A Framework for Understanding and Generating Integrated Solutions for Residential Peak Energy Demand. PLoS ONE, 2015, 10, e0121195. | 2.5 | 9 |
| 184 | Multifaceted Modelling of Complex Business Enterprises. PLoS ONE, 2015, 10, e0134052. | 2.5 | 2 |
| 185 | Systems Modelling of the Socio-Technical Aspects of Residential Electricity Use and Network Peak Demand. PLoS ONE, 2015, 10, e0134086. | 2.5 | 4 |
| 186 | Overfitting Bayesian Mixture Models with an Unknown Number of Components. PLoS ONE, 2015, 10, e0131739. | 2.5 | 27 |
| 187 | Application of a Bayesian nonparametric model to derive toxicity estimates based on the response of Antarctic microbial communities to fuel‐contaminated soil. Ecology and Evolution, 2015, 5, 2633-2645. | 1.9 | 9 |
| 188 | A framework for model integration and holistic modelling of socio-technical systems. Decision Support Systems, 2015, 71, 14-27. | 5.9 | 35 |
| 189 | Species Richness on Coral Reefs and the Pursuit of Convergent Global Estimates. Current Biology, 2015, 25, 500-505. | 3.9 | 282 |
| 190 | Mapping perceptions of species' threats and population trends to inform conservation efforts: the Bornean orangutan case study. Diversity and Distributions, 2015, 21, 487-499. | 4.1 | 42 |
| 191 | EnterosisA: A Statistical Decision Support Tool for Categorization of Microbial Quality of Recreational Water. Water Quality, Exposure, and Health, 2015, 7, 295-306. | 1.5 | 0 |
| 192 | Change point detection in risk adjusted control charts. Statistical Methods in Medical Research, 2015, 24, 747-768. | 1.5 | 11 |
| 193 | Bayesian hierarchical models for analysing spatial point-based data at a grid level: a comparison of approaches. Environmental and Ecological Statistics, 2015, 22, 297-327. | 3.5 | 2 |
| 194 | Sparing Healthy Tissue and Increasing Tumor Dose Using Bayesian Modeling of Geometric Uncertainties for Planning Target Volume Personalization. International Journal of Radiation Oncology Biology Physics, 2015, 92, 446-452. | 0.8 | 4 |
| 195 | Predicting the need for adaptive radiotherapy in head and neck cancer. Radiotherapy and Oncology, 2015, 116, 57-63. | 0.6 | 68 |
| 196 | Inferring lung cancer risk factor patterns through joint Bayesian spatio-temporal analysis. Cancer Epidemiology, 2015, 39, 430-439. | 1.9 | 14 |
| 197 | Beyond QMRA: Modelling microbial health risk as a complex system using Bayesian networks. Environment International, 2015, 80, 8-18. | 10.0 | 42 |
| 198 | Recent Bayesian approaches for spatial analysis of 2-D images with application to environmental modelling. Environmental and Ecological Statistics, 2015, 22, 571-600. | 3.5 | 5 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 199 | Pre-processing for approximate Bayesian computation in image analysis. Statistics and Computing, 2015, 25, 23-33. | 1.5 | 23 |
| 200 | An external field prior for the hidden Potts model with application to cone-beam computed tomography. Computational Statistics and Data Analysis, 2015, 86, 27-41. | 1.2 | 6 |
| 201 | Processing passengers efficiently: An analysis of airport processing times for international passengers. Journal of Air Transport Management, 2015, 49, 35-45. | 4.5 | 12 |
| 202 | Using decision trees to understand structure in missing data. BMJ Open, 2015, 5, e007450. | 1.9 | 33 |
| 203 | Modelling microbial health risk of wastewater reuse: A systems perspective. Environment International, 2015, 84, 131-141. | 10.0 | 15 |
| 204 | Machine Learning and Visual Analytics for Consulting Business Decision Support. , 2015, , . | | 3 |
| 205 | Weather variability and influenza A (H7N9) transmission in Shanghai, China: A Bayesian spatial analysis. Environmental Research, 2015, 136, 405-412. | 7.5 | 25 |
| 206 | The potential for meta-analysis to support decision analysis in ecology. Research Synthesis Methods, 2015, 6, 111-121. | 8.7 | 6 |
| 207 | Projecting Future Transmission of Malaria Under Climate Change Scenarios: Challenges and Research Needs. Critical Reviews in Environmental Science and Technology, 2015, 45, 777-811. | 12.8 | 13 |
| 208 | Meta‐analysis of variation: ecological and evolutionary applications and beyond. Methods in Ecology and Evolution, 2015, 6, 143-152. | 5.2 | 198 |
| 209 | Statistical Analysis of N-of-1 Trials. , 2015, , 135-153. | | 7 |
| 210 | A Four Dimensional Spatio-Temporal Analysis of an Agricultural Dataset. PLoS ONE, 2015, 10, e0141120. | 2.5 | 3 |
| 211 | Characterising Uncertainty in Expert Assessments: Encoding Heavily Skewed Judgements. PLoS ONE, 2015, 10, e0141697. | 2.5 | 3 |
| 212 | Systematic Review and Meta-analysis Using N-of-1 Trials. , 2015, , 211-231. | | 1 |
| 213 | Using informative priors in the estimation of mixtures over time with application to aerosol particle size distributions. Annals of Applied Statistics, 2014, 8, . | 1.1 | 2 |
| 214 | Drosophila 3â€² UTRs Are More Complex than Protein-Coding Sequences. PLoS ONE, 2014, 9, e97336. | 2.5 | 5 |
| 215 | Understanding Uncertainties in Non-Linear Population Trajectories: A Bayesian Semi-Parametric Hierarchical Approach to Large-Scale Surveys of Coral Cover. PLoS ONE, 2014, 9, e110968. | 2.5 | 10 |
| 216 | Executive Function and Postural Instability in People with Parkinsonâ€™s Disease. Parkinson's Disease, 2014, 2014, 1-8. | 1.1 | 19 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 217 | An Intuitive Dashboard for Bayesian Network Inference. Journal of Physics: Conference Series, 2014, 490, 012023. | 0.4 | 0 |
| 218 | Viewing systematic reviews and meta-analysis in social research through different lenses. SpringerPlus, 2014, 3, 511. | 1.2 | 152 |
| 219 | INVESTIGATING EFFECTIVE WAYFINDING IN AIRPORTS: A BAYESIAN NETWORK APPROACH. Transport, 2014, 29, 90-99. | 1.2 | 16 |
| 220 | Robust principal component analysis in water quality index development. , 2014, , . | | 6 |
| 221 | Bayesian model-based approach for developing a river water quality index. AIP Conference Proceedings, 2014, , . | 0.4 | 1 |
| 222 | Generalizing the use of geographical weights in biodiversity modelling. Global Ecology and Biogeography, 2014, 23, 1314-1323. | 5.8 | 13 |
| 223 | What is an expert? A systems perspective on expertise. Ecology and Evolution, 2014, 4, 231-242. | 1.9 | 27 |
| 224 | Potential uses of Bayesian networks as tools for synthesis of systematic reviews of complex interventions. Research Synthesis Methods, 2014, 5, 1-12. | 8.7 | 19 |
| 225 | Climate change and dengue: a critical and systematic review of quantitative modelling approaches. BMC Infectious Diseases, 2014, 14, 167. | 2.9 | 241 |
| 226 | Missing in space: an evaluation of imputation methods for missing data in spatial analysis of risk factors for type II diabetes. International Journal of Health Geographics, 2014, 13, 47. | 2.5 | 20 |
| 227 | Methods for Constructing Uncertainty Intervals for Queries of Bayesian Nets. Australian and New Zealand Journal of Statistics, 2014, 56, 407-427. | 0.9 | 4 |
| 228 | Spatially explicit perceptions of ecosystem services and land cover change in forested regions of Borneo. Ecosystem Services, 2014, 7, 116-127. | 5.4 | 80 |
| 229 | Global species richness estimates have not converged. Trends in Ecology and Evolution, 2014, 29, 187-188. | 8.7 | 61 |
| 230 | Spatially explicit structural equation modeling. Ecology, 2014, 95, 2434-2442. | 3.2 | 37 |
| 231 | Epidemiologic Patterns of Ross River Virus Disease in Queensland, Australia, 2001â€"2011. American Journal of Tropical Medicine and Hygiene, 2014, 91, 109-118. | 1.4 | 21 |
| 232 | Understanding the causation of primary angle closure disease using the sufficient component cause model. Clinical and Experimental Ophthalmology, 2014, 42, 522-528. | 2.6 | 8 |
| 233 | A Hybrid Queue-based Bayesian Network framework for passenger facilitation modelling. Transportation Research Part C: Emerging Technologies, 2014, 46, 247-260. | 7.6 | 28 |
| 234 | Socio-environmental drivers and suicide in Australia: Bayesian spatial analysis. BMC Public Health, 2014, 14, 681. | 2.9 | 47 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 235 | Estimation of the time of a linear trend in monitoring survival time. Health Services and Outcomes Research Methodology, 2014, 14, 15-33. | 1.8 | 3 |
| 236 | Applying a validation framework to a working airport terminal model. Expert Systems With Applications, 2014, 41, 4388-4400. | 7.6 | 5 |
| 237 | An investigation of the impact of various geographical scales for the specification of spatial dependence. Journal of Applied Statistics, 2014, 41, 2515-2538. | 1.3 | 2 |
| 238 | The choice of spatial scales and spatial smoothness priors for various spatial patterns. Spatial and Spatio-temporal Epidemiology, 2014, 10, 11-26. | 1.7 | 4 |
| 239 | Big Bayes Storiesâ€"Foreword. Statistical Science, 2014, 29, . | 2.8 | 0 |
| 240 | The Role of Pest Risk Analysis in Plant Biosecurity. , 2014, , 235-267. |  | 9 |
| 241 | Spatial and Temporal Patterns of Locally-Acquired Dengue Transmission in Northern Queensland, Australia, 1993â€"2012. PLoS ONE, 2014, 9, e92524. | 2.5 | 28 |
| 242 | A proposed validation framework for expert elicited Bayesian Networks. Expert Systems With Applications, 2013, 40, 162-167. | 7.6 | 162 |
| 243 | Modelling survival data to account for model uncertainty: a single model or model averaging?. SpringerPlus, 2013, 2, 665. | 1.2 | 4 |
| 244 | Recentered Importance Sampling With Applications to Bayesian Model Validation. Journal of Computational and Graphical Statistics, 2013, 22, 215-228. | 1.7 | 2 |
| 245 | Bayesian computation via empirical likelihood. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1321-1326. | 7.1 | 79 |
| 246 | Performance Monitoring in Cardiac Surgery: Application of Statistical Process Control to a Single-site Database. Heart Lung and Circulation, 2013, 22, 634-641. | 0.4 | 13 |
| 247 | Risk Modelling in Quality Clinical Registries: Monitoring Lesion Treatment Failure Rate in Percutaneous Coronary Interventions. Heart Lung and Circulation, 2013, 22, 193-203. | 0.4 | 0 |
| 248 | A review of models and model usage scenarios for an airport complex system. Transportation Research, Part A: Policy and Practice, 2013, 47, 124-140. | 4.2 | 45 |
| 249 | A flexible Bayesian model for describing temporal variability of N2O emissions from an Australian pasture. Science of the Total Environment, 2013, 454-455, 206-210. | 8.0 | 5 |
| 250 | A method for designing complex biosecurity surveillance systems: detecting nonâ€indigenous species of invertebrates on <scp>B</scp>arrow <scp>I</scp>sland. Diversity and Distributions, 2013, 19, 629-639. | 4.1 | 24 |
| 251 | 11. Bayesian Meta-analysis. , 2013, , 145-173. |  | 9 |
| 252 | Modeling the viability of the freeâ€ranging cheetah population in Namibia: an objectâ€oriented Bayesian network approach. Ecosphere, 2013, 4, 1-19. | 2.2 | 23 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 253 | The Langat River water quality index based on principal component analysis. , 2013, , . | | 6 |
| 254 | The selection of the Bayesian coincident-index models using model comparison criterion with application in Langat river water quality data. , 2013, , . | | 0 |
| 255 | Is the observed lowering of intraocular pressure due to treatment?. Indian Journal of Ophthalmology, 2013, 61, 119. | 1.1 | 2 |
| 256 | Data Quality Improvement in Clinical Databases Using Statistical Quality Control: Review and Case Study. Therapeutic Innovation and Regulatory Science, 2013, 47, 70-81. | 1.6 | 6 |
| 257 | Evaluating the dosimetric effect of treatment‐induced changes in virally mediated head and neck cancer patients. Journal of Medical Radiation Sciences, 2013, 60, 139-144. | 1.5 | 0 |
| 258 | Bayesian Spatial Analysis for the Evaluation of Breast Cancer Detection Methods. Australian and New Zealand Journal of Statistics, 2013, 55, 351-367. | 0.9 | 7 |
| 259 | Bayesian change point estimation in Poisson-based control charts. Journal of Industrial Engineering International, 2013, 9, 1. | 1.8 | 8 |
| 260 | Spatial analysis of risk factors for transmission of the Barmah Forest virus in Queensland, Australia. Geospatial Health, 2013, 8, 289. | 0.8 | 3 |
| 261 | Forecasting the Future Risk of Barmah Forest Virus Disease under Climate Change Scenarios in Queensland, Australia. PLoS ONE, 2013, 8, e62843. | 2.5 | 14 |
| 262 | Spatial Prediction of N2O Emissions in Pasture: A Bayesian Model Averaging Analysis. PLoS ONE, 2013, 8, e65039. | 2.5 | 5 |
| 263 | People's Perceptions about the Importance of Forests on Borneo. PLoS ONE, 2013, 8, e73008. | 2.5 | 89 |
| 264 | It's Not Just Conflict That Motivates Killing of Orangutans. PLoS ONE, 2013, 8, e75373. | 2.5 | 52 |
| 265 | The Impact of Spatial Scales and Spatial Smoothing on the Outcome of Bayesian Spatial Model. PLoS ONE, 2013, 8, e75957. | 2.5 | 10 |
| 266 | Design of the quarantine surveillance for non-indigenous species of invertebrates on Barrow Island. Records of the Western Australian Museum, Supplement, 2013, 83, 113. | 0.5 | 5 |
| 267 | Probabilistic subgroup identification using Bayesian finite mixture modelling: A case study in Parkinson's disease phenotype identification. Statistical Methods in Medical Research, 2012, 21, 563-583. | 1.5 | 5 |
| 268 | Evaluation of coronary angiographic projections to balance the clinical yield with the radiation risk. British Journal of Radiology, 2012, 85, e722-e728. | 2.2 | 7 |
| 269 | Wayfinding: A simple concept, a complex process. Transport Reviews, 2012, 32, 715-743. | 8.8 | 92 |
| 270 | Dirichlet process mixture models for unsupervised clustering of symptoms in Parkinson's disease. Journal of Applied Statistics, 2012, 39, 2363-2377. | 1.3 | 6 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 271 | Combining Expert Opinions in Prior Elicitation. Bayesian Analysis, 2012, 7, . | 3.0 | 76 |
| 272 | Nitrous oxide emissions from subtropical horticultural soils: a time series analysis. Soil Research, 2012, 50, 596. | 1.1 | 10 |
| 273 | What is the value of hospital mortality indicators, and are there ways to do better?. Australian Health Review, 2012, 36, 374. | 1.1 | 2 |
| 274 | Wetlands, climate zones and Barmah Forest virus disease in Queensland, Australia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2012, 106, 749-755. | 1.8 | 5 |
| 275 | Comparison of three-dimensional profiles over time. Journal of Applied Statistics, 2012, 39, 1455-1474. | 1.3 | 1 |
| 276 | Did socio-ecological factors drive the spatiotemporal patterns of pandemic influenza A (H1N1)?. Environment International, 2012, 45, 39-43. | 10.0 | 17 |
| 277 | Spatial Patterns and Socioecological Drivers of Dengue Fever Transmission in Queensland, Australia. Environmental Health Perspectives, 2012, 120, 260-266. | 6.0 | 83 |
| 278 | Spatial inequalities in colorectal and breast cancer survival: Premature deaths and associated factors. Health and Place, 2012, 18, 1412-1421. | 3.3 | 39 |
| 279 | Elicitator: A User-Friendly, Interactive Tool to Support Scenario-Based Elicitation of Expert Knowledge. , 2012, , 39-67. | | 4 |
| 280 | Integrating Bayesian networks and geographic information systems: Good practice examples. Integrated Environmental Assessment and Management, 2012, 8, 473-479. | 2.9 | 25 |
| 281 | Integrated Bayesian network framework for modeling complex ecological issues. Integrated Environmental Assessment and Management, 2012, 8, 480-490. | 2.9 | 30 |
| 282 | Daily average temperature and mortality among the elderly: a meta-analysis and systematic review of epidemiological evidence. International Journal of Biometeorology, 2012, 56, 569-581. | 3.0 | 168 |
| 283 | Eliciting Expert Knowledge in Conservation Science. Conservation Biology, 2012, 26, 29-38. | 4.7 | 591 |
| 284 | Adaptive Bayesian compound designs for dose finding studies. Journal of Statistical Planning and Inference, 2012, 142, 1480-1492. | 0.6 | 20 |
| 285 | Beyond compliance: project on an integrated systems approach for pest risk management in South East Asia. EPPO Bulletin, 2012, 42, 109-116. | 0.8 | 13 |
| 286 | Evaluation of the Pre-Posterior Distribution of Optimized Sampling Times for the Design of Pharmacokinetic Studies. Journal of Biopharmaceutical Statistics, 2012, 22, 16-29. | 0.8 | 10 |
| 287 | Bayesian Methods in Meta-Analysis. , 2012, , 116-121. | | 4 |
| 288 | Change Point Estimation in Monitoring Survival Time. PLoS ONE, 2012, 7, e33630. | 2.5 | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 289 | Effect of vitamin D supplementation on muscle strength: a systematic review and meta-analysis. Osteoporosis International, 2011, 22, 859-71. | 3.1 | 297 |
| 290 | Pollutant Concentrations within Households in Lao PDR and Association with Housing Characteristics and Occupants' Activities. Environmental Science &amp; Technology, 2011, 45, 882-889. | 10.0 | 11 |
| 291 | Methods for Identifying SNP Interactions: A Review on Variations of Logic Regression, Random Forest and Bayesian Logistic Regression. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 1580-1591. | 3.0 | 81 |
| 292 | Microbial colonization of follicular fluid: alterations in cytokine expression and adverse assisted reproduction technology outcomes. Human Reproduction, 2011, 26, 1799-1812. | 0.9 | 58 |
| 293 | Theoretical analysis of the motion and evaporation of exhaled respiratory droplets of mixed composition. Journal of Aerosol Science, 2011, 42, 1-10. | 3.8 | 73 |
| 294 | Modality of human expired aerosol size distributions. Journal of Aerosol Science, 2011, 42, 839-851. | 3.8 | 523 |
| 295 | Why Don't We Ask? A Complementary Method for Assessing the Status of Great Apes. PLoS ONE, 2011, 6, e18008. | 2.5 | 41 |
| 296 | Bayesian Classification and Regression Trees for Predicting Incidence of Cryptosporidiosis. PLoS ONE, 2011, 6, e23903. | 2.5 | 13 |
| 297 | Quantifying Killing of Orangutans and Human-Orangutan Conflict in Kalimantan, Indonesia. PLoS ONE, 2011, 6, e27491. | 2.5 | 128 |
| 298 | Using Centers for Disease Control National Nosocomial Infections Surveillance surgical site infection risk-adjustment for a group of related orthopaedic procedures. Healthcare Infection, 2011, 16, 89-94. | 0.6 | 1 |
| 299 | Asymptotic Behaviour of the Posterior Distribution in Overfitted Mixture Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2011, 73, 689-710. | 2.2 | 164 |
| 300 | Bayesian Estimation of Extent of Recovery for Aspects of Verbal Memory in Women Undergoing Adjuvant Chemotherapy Treatment for Breast Cancer. Journal of the Royal Statistical Society Series C: Applied Statistics, 2011, 60, 655-674. | 1.0 | 3 |
| 301 | Spatial and temporal clusters of Barmah Forest virus disease in Queensland, Australia. Tropical Medicine and International Health, 2011, 16, 884-893. | 2.3 | 12 |
| 302 | Association between indoor air pollution measurements and respiratory health in women and children in Lao PDR. Indoor Air, 2011, 21, 25-35. | 4.3 | 29 |
| 303 | Role of overcrowding in meticillin-resistant Staphylococcus aureus transmission: Bayesian network analysis for a single public hospital. Journal of Hospital Infection, 2011, 78, 92-96. | 2.9 | 13 |
| 304 | Funnel plots and risk-adjusted count data adverse events. A limitation of indirect standardisation. Journal of Hospital Infection, 2011, 78, 260-263. | 2.9 | 6 |
| 305 | The effect of housing characteristics and occupant activities on the respiratory health of women and children in Lao PDR. Science of the Total Environment, 2011, 409, 1378-1384. | 8.0 | 23 |
| 306 | Spatio-temporal variation in soil derived nitrous oxide emissions under sugarcane. Science of the Total Environment, 2011, 409, 4572-4578. | 8.0 | 14 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 307 | Assessing the effectiveness of medical treatment for glaucoma. Clinical and Experimental Ophthalmology, 2011, 39, 919-921. | 2.6 | 2 |
| 308 | Enter the reverend: introduction to and application of Bayes' theorem in clinical ophthalmology. Clinical and Experimental Ophthalmology, 2011, 39, 865-870. | 2.6 | 16 |
| 309 | Hierarchical Bayesian modelling of plant pest invasions with human-mediated dispersal. Ecological Modelling, 2011, 222, 3531-3540. | 2.5 | 10 |
| 310 | Assessing the relationship between global warming and mortality: Lag effects of temperature fluctuations by age and mortality categories. Environmental Pollution, 2011, 159, 1789-1793. | 7.5 | 41 |
| 311 | A software tool for elicitation of expert knowledge about species richness or similar counts. Environmental Modelling and Software, 2011, 30, 1-1. | 4.5 | 4 |
| 312 | Methodology for assessing exposure and impacts of air pollutants in school children: Data collection, analysis and health effects â€“ A literature review. Atmospheric Environment, 2011, 45, 813-823. | 4.1 | 99 |
| 313 | Spatially stratified sampling using auxiliary information for geostatistical mapping. Environmental and Ecological Statistics, 2011, 18, 93-108. | 3.5 | 13 |
| 314 | The Bayesian conditional independence model for measurement error: applications in ecology. Environmental and Ecological Statistics, 2011, 18, 239-255. | 3.5 | 9 |
| 315 | Hierarchical Bayesian modelling of early detection surveillance for plant pest invasions. Environmental and Ecological Statistics, 2011, 18, 569-591. | 3.5 | 10 |
| 316 | Ecological aspects of biosecurity surveillance design for the detection of multiple invasive animal species. Biological Invasions, 2011, 13, 803-818. | 2.4 | 30 |
| 317 | Population Monte Carlo Algorithm in High Dimensions. Methodology and Computing in Applied Probability, 2011, 13, 369-389. | 1.2 | 2 |
| 318 | Improving accuracy and intelligibility of decisions. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2011, 6, 15-19. | 1.4 | 4 |
| 319 | Identification of area-level influences on regions of high cancer incidence in Queensland, Australia: a classification tree approach. BMC Cancer, 2011, 11, 311. | 2.6 | 23 |
| 320 | Developing the atlas of cancer in Queensland: methodological issues. International Journal of Health Geographics, 2011, 10, 9. | 2.5 | 37 |
| 321 | Bayesian mixture model estimation of aerosol particle size distributions. Environmetrics, 2011, 22, 23-34. | 1.4 | 10 |
| 322 | A Bayesian analysis of an agricultural field trial with three spatial dimensions. Computational Statistics and Data Analysis, 2011, 55, 3320-3332. | 1.2 | 7 |
| 323 | Bayesian Change Point Detection in Monitoring Cardiac Surgery Outcomes. Quality Management in Health Care, 2011, 20, 207-222. | 0.8 | 9 |
| 324 | Strategies to Strengthen Public Health Inputs to Water Policy in Response to Climate Change: An Australian Perspective. Asia-Pacific Journal of Public Health, 2011, 23, 80S-90S. | 1.0 | 5 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 325 | Incorporating parameter uncertainty into Quantitative Microbial Risk Assessment (QMRA). Journal of Water and Health, 2011, 9, 10-26. | 2.6 | 10 |
| 326 | Test–retest reliability of hand-held dynamometry and functional tests in systemic lupus erythematosus. Lupus, 2011, 20, 144-150. | 1.6 | 16 |
| 327 | Time course of temperature effects on cardiovascular mortality in Brisbane, Australia. Heart, 2011, 97, 1089-1093. | 2.9 | 77 |
| 328 | Spatio-Temporal Patterns of Barmah Forest Virus Disease in Queensland, Australia. PLoS ONE, 2011, 6, e25688. | 2.5 | 29 |
| 329 | Performance monitoring in interventional cardiology: application of statistical process control to a single-site database. EuroIntervention, 2011, 6, 955-962. | 3.2 | 10 |
| 330 | Motivation, development and validation of a new spectral greenness index: A spectral dimension related to foliage projective cover. ISPRS Journal of Photogrammetry and Remote Sensing, 2010, 65, 26-41. | 11.1 | 13 |
| 331 | The use of ZIP and CART to model cryptosporidiosis in relation to climatic variables. International Journal of Biometeorology, 2010, 54, 433-440. | 3.0 | 20 |
| 332 | Estimating Uncertainty in the Revised Universal Soil Loss Equation via BayesianÂMelding. Journal of Agricultural, Biological, and Environmental Statistics, 2010, 15, 20-37. | 1.4 | 12 |
| 333 | 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. | 5.3 | 27 |
| 334 | Biosecurity threats: the design of surveillance systems, based on power and risk. Environmental and Ecological Statistics, 2010, 17, 503-519. | 3.5 | 29 |
| 335 | Sequential analysis of uncommon adverse outcomes. Journal of Hospital Infection, 2010, 76, 114-118. | 2.9 | 9 |
| 336 | Limiting risk of hospital adverse events: avoiding train wrecks is more important than counting and reporting them. Journal of Hospital Infection, 2010, 76, 283-286. | 2.9 | 6 |
| 337 | Analysis of aggregated hospital infection data for accountability. Journal of Hospital Infection, 2010, 76, 287-291. | 2.9 | 10 |
| 338 | Is the association between temperature and mortality modified by age, gender and socio-economic status?. Science of the Total Environment, 2010, 408, 3513-3518. | 8.0 | 140 |
| 339 | Modelling cheetah relocation success in southern Africa using an Iterative Bayesian Network Development Cycle. Ecological Modelling, 2010, 221, 641-651. | 2.5 | 58 |
| 340 | Small area estimation of sparse disease counts using shared component models-application to birth defect registry data in New South Wales, Australia. Health and Place, 2010, 16, 684-693. | 3.3 | 18 |
| 341 | Elicitator: An expert elicitation tool for regression in ecology. Environmental Modelling and Software, 2010, 25, 129-145. | 4.5 | 72 |
| 342 | Allowing for the effect of data binning in a Bayesian Normal mixture model. Computational Statistics and Data Analysis, 2010, 54, 916-923. | 1.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 343 | Risk factor analysis and spatiotemporal CART model of cryptosporidiosis in Queensland, Australia. BMC Infectious Diseases, 2010, 10, 311. | 2.9 | 16 |
| 344 | Barrow Island's Biosecurity: Catching the Unknown Invader. Significance, 2010, 7, 53-57. | 0.4 | 3 |
| 345 | The sound of silence: listening to the villagers to learn about orangutans. Significance, 2010, 7, 101-106. | 0.4 | 0 |
| 346 | Model choice versus model criticism. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, E5; author reply E6-7. | 7.1 | 11 |
| 347 | Implementation of multivariate control charts in a clinical setting. International Journal for Quality in Health Care, 2010, 22, 408-414. | 1.8 | 25 |
| 348 | Multiple Evolutionary Rate Classes in Animal Genome Evolution. Molecular Biology and Evolution, 2010, 27, 942-953. | 8.9 | 15 |
| 349 | Bayesian Spatiotemporal Analysis of Socio-Ecologic Drivers of Ross River Virus Transmission in Queensland, Australia. American Journal of Tropical Medicine and Hygiene, 2010, 83, 722-728. | 1.4 | 26 |
| 350 | Difference in Mosquito Species (Diptera: Culicidae) and the Transmission of Ross River Virus Between Coastline and Inland Areas in Brisbane, Australia. Environmental Entomology, 2010, 39, 88-97. | 1.4 | 21 |
| 351 | Corona Ions from Overhead Transmission Voltage Powerlines: Effect on Direct Current Electric Field and Ambient Particle Concentration Levels. Environmental Science &amp; Technology, 2010, 44, 526-531. | 10.0 | 11 |
| 352 | An Integrated Bayesian Network approach to Lyngbya majuscula bloom initiation. Marine Environmental Research, 2010, 69, 27-37. | 2.5 | 57 |
| 353 | A statistical view of synthesizing patterns of species richness along productivity gradients: devils, forests, and trees. Ecology, 2010, 91, 2553-2560. | 3.2 | 19 |
| 354 | Latent class piecewise linear trajectory modelling for short-term cognition responses after chemotherapy for breast cancer patients. Journal of Applied Statistics, 2010, 37, 725-738. | 1.3 | 3 |
| 355 | Bayesian Methods in Meta-Analysis. , 2010, , 116-121. | | 1 |
| 356 | Multivariate Meta-Analysis. , 2010, , 897-903. | | 0 |
| 357 | A new method for calculating the volume of primary tissue types in live sheep using computed tomography scanning. Animal Production Science, 2009, 49, 1035. | 1.3 | 5 |
| 358 | Bayesian model averaging for harmful algal bloom prediction. , 2009, 19, 1805-1814. | | 30 |
| 359 | Heritability and Linkage Analysis of Appendicitis Utilizing Age at Onset. Twin Research and Human Genetics, 2009, 12, 150-157. | 0.6 | 12 |
| 360 | On-road ultrafine particle concentration in the M5 East road tunnel, Sydney, Australia. Atmospheric Environment, 2009, 43, 3510-3519. | 4.1 | 30 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 361 | Comparison of three expert elicitation methods for logistic regression on predicting the presence of the threatened brush-tailed rock-wallaby *Petrogale penicillata*. Environmetrics, 2009, 20, 379-398. | 1.4 | 47 |
| 362 | Linkage and heritability analysis of migraine symptom groupings: a comparison of three different clustering methods on twin data. Human Genetics, 2009, 125, 591-604. | 3.8 | 10 |
| 363 | Bayesian latent trait modeling of migraine symptom data. Human Genetics, 2009, 126, 277-288. | 3.8 | 16 |
| 364 | Weather Variability, Sunspots, and the Blooms of Cyanobacteria. EcoHealth, 2009, 6, 71-78. | 2.0 | 14 |
| 365 | Info-gap theory and robust design of surveillance for invasive species: The case study of Barrow Island. Journal of Environmental Management, 2009, 90, 2785-2793. | 7.8 | 25 |
| 366 | Bayesian Goodness of Fit Testing with Mixtures of Triangular Distributions. Scandinavian Journal of Statistics, 2009, 36, 337-354. | 1.4 | 28 |
| 367 | The Rule of Three, its Variants and Extensions. International Statistical Review, 2009, 77, 266-275. | 1.9 | 14 |
| 368 | Bayesian Network for Risk of Diarrhea Associated with the Use of Recycled Water. Risk Analysis, 2009, 29, 1672-1685. | 2.7 | 23 |
| 369 | Bayesian analysis of thematic map accuracy data. Remote Sensing of Environment, 2009, 113, 371-379. | 11.0 | 10 |
| 370 | Bayesian hidden Markov model for DNA sequence segmentation: A prior sensitivity analysis. Computational Statistics and Data Analysis, 2009, 53, 1873-1882. | 1.2 | 14 |
| 371 | Efficient Bayesian estimation of multivariate state space models. Computational Statistics and Data Analysis, 2009, 53, 4116-4125. | 1.2 | 13 |
| 372 | Temperature Enhanced Effects of Ozone on Cardiovascular Mortality in 95 Large US Communities, 1987–2000: Assessment Using the NMMAPS Data. Archives of Environmental and Occupational Health, 2009, 64, 177-184. | 1.4 | 52 |
| 373 | Characterization of expiration air jets and droplet size distributions immediately at the mouth opening. Journal of Aerosol Science, 2009, 40, 122-133. | 3.8 | 778 |
| 374 | Size distribution and sites of origin of droplets expelled from the human respiratory tract during expiratory activities. Journal of Aerosol Science, 2009, 40, 256-269. | 3.8 | 848 |
| 375 | Spatial Analysis of Notified Cryptosporidiosis Infections in Brisbane, Australia. Annals of Epidemiology, 2009, 19, 900-907. | 1.9 | 10 |
| 376 | Effect of Multiple Physiotherapy Sessions on Functional Outcomes in the Initial Postoperative Period After Primary Total Hip Replacement: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1652-1657. | 0.9 | 31 |
| 377 | Elicitation by design in ecology: using expert opinion to inform priors for Bayesian statistical models. Ecology, 2009, 90, 265-277. | 3.2 | 196 |
| 378 | Posterior predictive arguments in favor of the Bayes-Laplace prior as the consensus prior for binomial and multinomial parameters. Bayesian Analysis, 2009, 4, . | 3.0 | 43 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 379 | Bayesian Inference on Finite Mixtures of Distributions. Statistical Science and Interdisciplinary Research, 2009, , 165-202. | 0.0 | 15 |
| 380 | Temperature, air pollution and total mortality during summers in Sydney, 1994â€"2004. International Journal of Biometeorology, 2008, 52, 689-696. | 3.0 | 58 |
| 381 | Calculation of IBD probabilities with dense SNP or sequence data. Genetic Epidemiology, 2008, 32, 513-519. | 1.3 | 5 |
| 382 | Semiparametric Bayesian circular statistics. Computational Statistics and Data Analysis, 2008, 52, 4722-4730. | 1.2 | 14 |
| 383 | External injury documentation in major trauma victims is inadequate: Grounds for routine photography in the emergency department?. EMA - Emergency Medicine Australasia, 2008, 20, 500-507. | 1.1 | 5 |
| 384 | Inference for Proportions in a 2 Ã— 2 Contingency Table: HPD or not HPD?. Biometrics, 2008, 64, 1293-1295. | 1.4 | 4 |
| 385 | Metaâ€analysis of repeated measures study designs. Journal of Evaluation in Clinical Practice, 2008, 14, 941-950. | 1.8 | 67 |
| 386 | Modality in ambient particle size distributions and its potential as a basis for developing air quality regulation. Atmospheric Environment, 2008, 42, 1617-1628. | 4.1 | 59 |
| 387 | Investigation of the relationship between smoking and appendicitis in Australian twins. Annals of Epidemiology, 2008, 18, 631-636. | 1.9 | 44 |
| 388 | Does temperature modify short-term effects of ozone on total mortality in 60 large eastern US communities? â€" An assessment using the NMMAPS data. Environment International, 2008, 34, 451-458. | 10.0 | 92 |
| 389 | Generalized Control Charts for Non-Normal Data Using $g$-and-$k$ Distributions. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 1881-1903. | 1.2 | 8 |
| 390 | A Comparison of Bayesâ€"Laplace, Jeffreys, and Other Priors. American Statistician, 2008, 62, 40-44. | 1.6 | 54 |
| 391 | Ozone modifies associations between temperature and cardiovascular mortality: analysis of the NMMAPS data. Occupational and Environmental Medicine, 2008, 65, 255-260. | 2.8 | 143 |
| 392 | Selective Reporting of Adjusted Estimates in Observational Epidemiology Studies: Reasons and Implications for Meta-analyses. Evaluation and the Health Professions, 2008, 31, 370-389. | 1.9 | 45 |
| 393 | A Bayesian approach to assess interaction between known risk factors: the risk of lung cancer from exposure to asbestos and smoking. Statistical Methods in Medical Research, 2008, 17, 171-189. | 1.5 | 14 |
| 394 | Spatial variation in particle number size distributions in a large metropolitan area. Atmospheric Chemistry and Physics, 2008, 8, 1127-1138. | 4.9 | 53 |
| 395 | Classification based upon gene expression data: bias and precision of error rates. Bioinformatics, 2007, 23, 1363-1370. | 4.1 | 65 |
| 396 | Time-series analysis of the risk factors for haemorrhagic fever with renal syndrome: comparison of statistical models. Epidemiology and Infection, 2007, 135, 245-252. | 2.1 | 15 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 397 | Weather Variability and the Incidence of Cryptosporidiosis: Comparison of Time Series Poisson Regression and SARIMA Models. Annals of Epidemiology, 2007, 17, 679-688. | 1.9 | 65 |
| 398 | Novel Method for On-Road Emission Factor Measurements Using a Plume Capture Trailer. Environmental Science &amp; Technology, 2007, 41, 574-579. | 10.0 | 37 |
| 399 | Investigating the Use of a Bayesian Network to Model the Risk ofLyngbya majusculaBloom Initiation in Deception Bay, Queensland, Australia. Human and Ecological Risk Assessment (HERA), 2007, 13, 1271-1287. | 3.4 | 43 |
| 400 | Geographically assisted elicitation of expert opinion for regression models. Bayesian Analysis, 2007, 2, . | 3.0 | 28 |
| 401 | Bayesian mixture models in a longitudinal setting for analysing sheep CAT scan images. Computational Statistics and Data Analysis, 2007, 51, 4282-4296. | 1.2 | 8 |
| 402 | Evaluating the effect of neighbourhood weight matrices on smoothing properties of Conditional Autoregressive (CAR) models. International Journal of Health Geographics, 2007, 6, 54. | 2.5 | 72 |
| 403 | Improving the quality of patient care using reliability measures: a classification tree approach. Statistics in Medicine, 2007, 26, 184-196. | 1.6 | 5 |
| 404 | Assessing the combined effect of asbestos exposure and smoking on lung cancer: a Bayesian approach. Statistics in Medicine, 2007, 26, 1150-1169. | 1.6 | 25 |
| 405 | Structural Equation Modeling: A Bayesian Approach by S.â€¥. LEE. Biometrics, 2007, 63, 1303-1303. | 1.4 | 1 |
| 406 | Spatiotemporal relationship between particle air pollution and respiratory emergency hospital admissions in Brisbane, Australia. Science of the Total Environment, 2007, 373, 57-67. | 8.0 | 45 |
| 407 | 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. | 1.4 | 28 |
| 408 | 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, 814-9. | 1.4 | 14 |
| 409 | Evaluation of oestrogen and progesterone receptor status in HER-2 positive breast carcinomas and correlation with outcome. Pathology, 2006, 38, 391-398. | 0.6 | 19 |
| 410 | Rainfall, mosquito density and the transmission of Ross River virus: A time-series forecasting model. Ecological Modelling, 2006, 196, 505-514. | 2.5 | 57 |
| 411 | A meta-analytic assessment of a Thyroglobulin marker for marbling in beef cattle. Genetics Selection Evolution, 2006, 38, 479-94. | 3.0 | 16 |
| 412 | Mosquito Species (Diptera: Culicidae) and the Transmission of Ross River Virus in Brisbane, Australia. Journal of Medical Entomology, 2006, 43, 375-381. | 1.8 | 27 |
| 413 | Mosquito Species (Diptera: Culicidae) and the Transmission of Ross River Virus in Brisbane, Australia. Journal of Medical Entomology, 2006, 43, 375-381. | 1.8 | 25 |
| 414 | Airborne laser scanning: Exploratory data analysis indicates potential variables for classification of individual trees or forest stands according to species. ISPRS Journal of Photogrammetry and Remote Sensing, 2005, 59, 289-309. | 11.1 | 100 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 415 | A bayesian solution to reconstructing centrally censored distributions. Journal of Agricultural, Biological, and Environmental Statistics, 2005, 10, 61-83. | 1.4 | 2 |
| 416 | PHASE RANDOMIZATION: A CONVERGENCE DIAGNOSTIC TEST FOR MCMC. Australian and New Zealand Journal of Statistics, 2005, 47, 309-323. | 0.9 | 1 |
| 417 | Assessing the impacts of grazing levels on bird density in woodland habitat: a Bayesian approach using expert opinion. Environmetrics, 2005, 16, 717-747. | 1.4 | 74 |
| 418 | Bayesian estimation of g-and-k distributions using MCMC. Computational Statistics, 2005, 20, 7-30. | 1.5 | 16 |
| 419 | Bayesian Modelling and Inference on Mixtures of Distributions. Handbook of Statistics, 2005, , 459-507. | 0.6 | 212 |
| 420 | Quantification of Particle Number Emission Factors for Motor Vehicles from On-Road Measurements. Environmental Science &amp; Technology, 2005, 39, 9130-9139. | 10.0 | 50 |
| 421 | Experimental study of the deposition of combustion aerosols in the human respiratory tract. Journal of Aerosol Science, 2005, 36, 939-957. | 3.8 | 73 |
| 422 | THE POWER OF EXPERT OPINION IN ECOLOGICAL MODELS USING BAYESIAN METHODS: IMPACT OF GRAZING ON BIRDS. , 2005, 15, 266-280. | | 181 |
| 423 | Adjusted Likelihoods for Synthesizing Empirical Evidence from Studies that Differ in Quality and Design: Effects of Environmental Tobacco Smoke. Statistical Science, 2004, 19, 450. | 2.8 | 42 |
| 424 | Statistical analysis of sheep CAT scan images using a Bayesian mixture model. Australian Journal of Agricultural Research, 2004, 55, 57. | 1.5 | 7 |
| 425 | Comment on: Confidence limits for the ratio of two rates based on likelihood scores: non-iterative method. Statistics in Medicine, 2004, 23, 685-691. | 1.6 | 14 |
| 426 | Confidence limits for the ratio of two rates based on likelihood scores: non-iterative method by P. L. Graham, K. Mengersen and A. P. Morton,Statistics in Medicine 2003;22:2071â€"2083. Statistics in Medicine, 2004, 23, 3549-3549. | 1.6 | 0 |
| 427 | Characteristics of particle number and mass concentrations in residential houses in Brisbane, Australia. Atmospheric Environment, 2003, 37, 4195-4203. | 4.1 | 138 |
| 428 | Confidence limits for the ratio of two rates based on likelihood scores: non-iterative method. Statistics in Medicine, 2003, 22, 2071-2083. | 1.6 | 55 |
| 429 | Multivariate meta-analysis. Statistics in Medicine, 2003, 22, 2309-2333. | 1.6 | 120 |
| 430 | Bridging the Gap between Different Statistical Approaches: An Integrated Framework for Modelling. International Statistical Review, 2003, 71, 335-368. | 1.9 | 2 |
| 431 | Reliability Measures for Local Nodes Assessment in Classification Trees. Journal of Computational and Graphical Statistics, 2003, 12, 398-416. | 1.7 | 12 |
| 432 | Considering ethnicity in teaching and learning statistics: should I worry about where my students come from?. Journal of Applied Mathematics and Decision Sciences, 2003, 7, 123-131. | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 433 | AN INDIFFERENCE ZONE APPROACH TO TESTING FOR A TWO-COMPONENT NORMAL MIXTURE. , 2002, , . | | 0 |
| 434 | Phase randomisation: numerical study of higher cumulants behaviour. Computational Statistics and Data Analysis, 2001, 37, 487-513. | 1.2 | 4 |
| 435 | Estimating tree component biomass using variable probability sampling methods. Journal of Agricultural, Biological, and Environmental Statistics, 2001, 6, 258-267. | 1.4 | 20 |
| 436 | Predicting the natural occurrence of blackbutt and Gympie messmate in southeast Queensland. Australian Forestry, 2000, 63, 199-210. | 0.9 | 6 |
| 437 | Socioeconomic status and infant mortality in Australia: a national study of small urban areas, 1985â€"89. Social Science and Medicine, 2000, 50, 1209-1225. | 3.8 | 17 |
| 438 | Calculating Accuracy Rates from Multiple Assessors with Limited Information. American Statistician, 1999, 53, 233-238. | 1.6 | 2 |
| 439 | Reparameterisation Issues in Mixture Modelling and their bearing on MCMC algorithms. Computational Statistics and Data Analysis, 1999, 29, 325-343. | 1.2 | 33 |
| 440 | Environmental tobacco smoke and ischaemic heart disease: a case study in applying causal criteria. International Archives of Occupational and Environmental Health, 1999, 72, R1-R40. | 2.3 | 10 |
| 441 | Calculating Accuracy Rates from Multiple Assessors with Limited Information. American Statistician, 1999, 53, 233. | 1.6 | 2 |
| 442 | Rates of convergence of the Hastings and Metropolis algorithms. Annals of Statistics, 1996, 24, 101. | 2.6 | 345 |
| 443 | Bayesian Computation and Stochastic Systems. Statistical Science, 1995, 10, 3. | 2.8 | 752 |
| 444 | THE IMPACT OF METHOD CHOICE ON METAâ€ANALYSIS. The Australian Journal of Statistics, 1995, 37, 19-44. | 0.2 | 35 |
| 445 | [Bayesian Computation and Stochastic Systems]: Rejoinder. Statistical Science, 1995, 10, . | 2.8 | 52 |
| 446 | Passive smoking in the workplace: classical and Bayesian meta-analyses. International Archives of Occupational and Environmental Health, 1994, 66, 269-277. | 2.3 | 24 |
| 447 | Garbage In, Garbage Out: Can Statisticians Quantify the Effects of Poor Data?. Chance, 1994, 7, 20-27. | 0.2 | 24 |
| 448 | An upper bound on a ratio of variances. Communications in Statistics - Theory and Methods, 1993, 22, 1907-1922. | 1.0 | 1 |
| 449 | And the Winner is â€¦: Statistical Selection for Excellence in Quality Management. American Journal of Mathematical and Management Sciences, 1993, 13, 177-193. | 0.9 | 2 |
| 450 | Robustness to normality of a selection rule. Communications in Statistics Part B: Simulation and Computation, 1992, 21, 35-56. | 1.2 | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 451 | SELECTING THE t BEST POPULATIONS-SCALE PARAMETER CASE. The Australian Journal of Statistics, 1990, 32, 127-127. | 0.2 | 0 |
| 452 | SELECTING THE t BEST POPULATIONS - SCALE PARAMETER CASE. The Australian Journal of Statistics, 1989, 31, 297-307. | 0.2 | 0 |
| 453 | MODELLING OF TRANSITIONS BETWEEN EMPLOYMENT STATES FOR YOUNG AUSTRALIANS. The Australian Journal of Statistics, 1989, 31A, 165-196. | 0.2 | 16 |
| 454 | Confidence bounds and selection of the t best populations. Communications in Statistics Part B: Simulation and Computation, 1988, 17, 927-945. | 1.2 | 3 |
| 455 | Temporal Modeling of Dengue Fever: A Comprehensive Literature Review. Materials Science Forum, 0, 967, 15-21. | 0.3 | 0 |
| 456 | Assessing the accuracy of individual link with varying block sizes and cutoff values using MaCSim approach. Communications in Statistics - Theory and Methods, 0, , 1-23. | 1.0 | 1 |
| 457 | Stateful to Stateless: Modelling Stateless Ethereum. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 355, 27-39. | 0.8 | 0 |