

Noel A. Cressie

List of Publications by Year in descending order

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all docs

363
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363
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16216
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Basis-Function Models in Spatial Statistics. Annual Review of Statistics and Its Application, 2022, 9, 373-400. | 4.1 | 9 |
| 2 | WOMBAT v1.0: a fully Bayesian global flux-inversion framework. Geoscientific Model Development, 2022, 15, 45-73. | 1.3 | 9 |
| 3 | Spatial Surface Reflectance Retrievals for Visible/Shortwave Infrared Remote Sensing via Gaussian Process Priors. Remote Sensing, 2022, 14, 2183. | 1.8 | 2 |
| 4 | From Many to One: Consensus Inference in a MIP. Geophysical Research Letters, 2022, 49, . | 1.5 | 2 |
| 5 | Modeling Dependence in Spatio-Temporal Econometrics. , 2021, , 363-383. | | 0 |
| 6 | Post hoc Uncertainty Quantification for Remote Sensing Observing Systems. SIAM-ASA Journal on Uncertainty Quantification, 2021, 9, 1064-1093. | 1.1 | 4 |
| 7 | A few statistical principles for data science. Australian and New Zealand Journal of Statistics, 2021, 63, 182. | 0.4 | 3 |
| 8 | Scene invariants for quantifying radiative transfer uncertainty. Remote Sensing of Environment, 2021, 260, 112432. | 4.6 | 1 |
| 9 | FRK : An <i>R</i> Package for Spatial and Spatio-Temporal Prediction with Large Datasets. Journal of Statistical Software, 2021, 98, . | 1.8 | 27 |
| 10 | Emergent constraints on tropical atmospheric aridityâ€™ carbon feedbacks and the future of carbon sequestration. Environmental Research Letters, 2021, 16, 114008. | 2.2 | 15 |
| 11 | Comment: When Is It Data Science and When Is It Data Engineering?. Journal of the American Statistical Association, 2020, 115, 660-662. | 1.8 | 1 |
| 12 | Measuring, mapping, and uncertainty quantification in the space-time cube. Revista Matematica Complutense, 2020, 33, 643-660. | 0.7 | 0 |
| 13 | Quantifying uncertainty for remote spectroscopy of surface composition. Remote Sensing of Environment, 2020, 247, 111898. | 4.6 | 31 |
| 14 | Great expectations and even greater exceedances from spatially referenced data. Spatial Statistics, 2020, 37, 100420. | 0.9 | 2 |
| 15 | Spatial analysis and visualization of global data on multi-resolution hexagonal grids. Japanese Journal of Statistics and Data Science, 2020, 3, 107-128. | 0.7 | 6 |
| 16 | Sensitivity and uncertainty quantification for the ECOSTRESS evapotranspiration algorithm â€™ DisALEXI. International Journal of Applied Earth Observation and Geoinformation, 2020, 89, 102088. | 1.4 | 13 |
| 17 | Overview: Estimating and reporting uncertainties in remotely sensed atmospheric composition and temperature. Atmospheric Measurement Techniques, 2020, 13, 4393-4436. | 1.2 | 31 |
| 18 | Bayesian Inference of Spatio-Temporal Changes of Arctic Sea Ice. Bayesian Analysis, 2020, 15, . | 1.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | Comment: When Is It Data Science and When Is It Data Engineering?. <i>International Statistical Review</i> , 2020, 88, S65. | 1.1 | 0 |
| 20 | Estimating Spatial Changes Over Time of Arctic Sea Ice using Hidden 2 \tilde{A} –2 Tables. <i>Journal of Time Series Analysis</i> , 2019, 40, 288-311. | 0.7 | 4 |
| 21 | Effects of a Government-Academic Partnership: Has the NSF-CENSUS Bureau Research Network Helped Improve the US Statistical System?. <i>Journal of Survey Statistics and Methodology</i> , 2019, 7, 589-619. | 0.5 | 3 |
| 22 | Accelerated MCMC for Satellite-Based Measurements of Atmospheric CO ₂ . <i>Remote Sensing</i> , 2019, 11, 2061. | 1.8 | 5 |
| 23 | A diagonally weighted matrix norm between two covariance matrices. <i>Spatial Statistics</i> , 2019, 29, 316-328. | 0.9 | 1 |
| 24 | Sensitivity of Optimal Estimation Satellite Retrievals to Misspecification of the Prior Mean and Covariance, with Application to OCO-2 Retrievals. <i>Remote Sensing</i> , 2019, 11, 2770. | 1.8 | 9 |
| 25 | Inference for Errors-in-Variables Models in the Presence of Systematic Errors with an Application to a Satellite Remote Sensing Campaign. <i>Technometrics</i> , 2019, 61, 187-201. | 1.3 | 7 |
| 26 | Optimal Estimation Versus MCMC for CO_2 CO ₂ Retrievals. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2018, 23, 297-316. | 0.7 | 4 |
| 27 | Spatial data compression via adaptive dispersion clustering. <i>Computational Statistics and Data Analysis</i> , 2018, 117, 138-153. | 0.7 | 8 |
| 28 | Two-scale spatial models for binary data. <i>Statistical Methods and Applications</i> , 2018, 27, 1-24. | 0.7 | 3 |
| 29 | A Hierarchical Statistical Framework for Emergent Constraints: Application to Snow \tilde{A} Albedo Feedback. <i>Geophysical Research Letters</i> , 2018, 45, 13,050. | 1.5 | 30 |
| 30 | On Statistical Approaches to Generate Level 3 Products from Satellite Remote Sensing Retrievals. <i>Remote Sensing</i> , 2018, 10, 155. | 1.8 | 20 |
| 31 | Mission CO ₂ Control: A Statistical Scientist's Role in Remote Sensing of Atmospheric Carbon Dioxide. <i>Journal of the American Statistical Association</i> , 2018, 113, 152-168. | 1.8 | 35 |
| 32 | A Statistical Analysis of the Jacobian in Retrievals of Satellite Data. , 2018, , 117-130. | | 0 |
| 33 | Statistical properties of atmospheric greenhouse gas measurements: Looking down from space and looking up from the ground. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 162, 214-222. | 1.8 | 4 |
| 34 | Simulation-Based Uncertainty Quantification for Estimating Atmospheric CO ₂ from Satellite Data. <i>SIAM-ASA Journal on Uncertainty Quantification</i> , 2017, 5, 956-985. | 1.1 | 25 |
| 35 | The Atmospheric Infrared Sounder Retrieval, Revisited. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 1504-1507. | 1.4 | 2 |
| 36 | The Orbiting Carbon Observatory-2: first 18 \tilde{A} months of science data products. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 549-563. | 1.2 | 180 |

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| 37 | Multivariate Spatial Data Fusion for Very Large Remote Sensing Datasets. <i>Remote Sensing</i> , 2017, 9, 142. | 1.8 | 21 |
| 38 | A Three-Dimensional Mapping of the Ocean Based on Environmental Data. <i>Oceanography</i> , 2017, 30, 90-103. | 0.5 | 86 |
| 39 | Probabilistic evaluation of competing climate models. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2017, 3, 93-105. | 0.6 | 5 |
| 40 | Predictive Inference for Big, Spatial, Non-Gaussian Data: MODIS Cloud Data and its Change-Support. <i>Australian and New Zealand Journal of Statistics</i> , 2016, 58, 15-45. | 0.4 | 13 |
| 41 | Multivariate spatial covariance models: a conditional approach. <i>Biometrika</i> , 2016, 103, 915-935. | 1.3 | 29 |
| 42 | Non-Gaussian bivariate modelling with application to atmospheric trace-gas inversion. <i>Spatial Statistics</i> , 2016, 18, 194-220. | 0.9 | 10 |
| 43 | Statistical bias and variance for the regularized inverse problem: Application to space-based atmospheric CO2 retrievals. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5526-5537. | 1.2 | 14 |
| 44 | A comparison of spatial predictors when datasets could be very large. <i>Statistics Surveys</i> , 2016, 10, . | 7.3 | 34 |
| 45 | Hot Enough for You? A Spatial Exploratory and Inferential Analysis of North American Climate-Change Projections. <i>Mathematical Geosciences</i> , 2016, 48, 107-121. | 1.4 | 6 |
| 46 | Analysis of variability of tropical Pacific sea surface temperatures. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2016, 2, 155-169. | 0.6 | 0 |
| 47 | Figures of merit for simultaneous inference and comparisons in simulation experiments. <i>Stat</i> , 2015, 4, 196-211. | 0.3 | 2 |
| 48 | Comment on Article by Ferreira and Gamerman. <i>Bayesian Analysis</i> , 2015, 10, . | 1.6 | 0 |
| 49 | Capturing Multivariate Spatial Dependence: Model, Estimate and then Predict. <i>Statistical Science</i> , 2015, 30, . | 1.6 | 6 |
| 50 | Spatio-temporal bivariate statistical models for atmospheric trace-gas inversion. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 149, 227-241. | 1.8 | 13 |
| 51 | The SAR Model for Very Large Datasets: A Reduced Rank Approach. <i>Econometrics</i> , 2015, 3, 317-338. | 0.5 | 19 |
| 52 | Comparing and selecting spatial predictors using local criteria. <i>Test</i> , 2015, 24, 1-28. | 0.7 | 16 |
| 53 | Rejoinder on: Comparing and selecting spatial predictors using local criteria. <i>Test</i> , 2015, 24, 54-60. | 0.7 | 2 |
| 54 | Bayesian hierarchical statistical SIRS models. <i>Statistical Methods and Applications</i> , 2014, 23, 601-646. | 0.7 | 7 |

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| 55 | Rethinking soil carbon modelling: a stochastic approach to quantify uncertainties. <i>Environmetrics</i> , 2014, 25, 265-278. | 0.6 | 13 |
| 56 | Statistical data fusion of multi-sensor AOD over the Continental United States. <i>Geocarto International</i> , 2014, 29, 48-64. | 1.7 | 56 |
| 57 | Spatial Fayâ€™Herriot models for small area estimation with functional covariates. <i>Spatial Statistics</i> , 2014, 10, 27-42. | 0.9 | 46 |
| 58 | Spatio-Temporal Data Fusion for Very Large Remote Sensing Datasets. <i>Technometrics</i> , 2014, 56, 174-185. | 1.3 | 64 |
| 59 | Statistical properties of the state obtained by solving a nonlinear multivariate inverse problem. <i>Applied Stochastic Models in Business and Industry</i> , 2013, 29, 424-438. | 0.9 | 4 |
| 60 | Multi-species SIR models from a dynamical Bayesian perspective. <i>Theoretical Ecology</i> , 2013, 6, 457-473. | 0.4 | 6 |
| 61 | Bayesian Hierarchical ANOVA of Regional Climate-Change Projections from NARCCAP Phase II. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 22, 3-15. | 1.4 | 17 |
| 62 | Hierarchical statistical modeling of big spatial datasets using the exponential family of distributions. <i>Spatial Statistics</i> , 2013, 4, 14-44. | 0.9 | 28 |
| 63 | Correction factors for unbiased, efficient estimation and prediction of biomass from logâ€™log allometric models. <i>Forest Ecology and Management</i> , 2013, 310, 375-381. | 1.4 | 53 |
| 64 | Greenland Ice Sheet Mass Balance Reconstruction. Part I: Net Snow Accumulation (1600â€™2009). <i>Journal of Climate</i> , 2013, 26, 3919-3934. | 1.2 | 49 |
| 65 | Bayesian learning and predictability in a stochastic nonlinear dynamical model. <i>Ecological Applications</i> , 2013, 23, 679-698. | 1.8 | 29 |
| 66 | A Bayesian multivariate analysis of children's exposure to pesticides. <i>Environmetrics</i> , 2013, 24, 357-366. | 0.6 | 0 |
| 67 | Empirical Hierarchical Modelling for Count Data using the Spatial Random Effects Model. <i>Spatial Economic Analysis</i> , 2013, 8, 389-418. | 0.8 | 13 |
| 68 | Bayesian hierarchical spatioâ€™temporal smoothing for very large datasets. <i>Environmetrics</i> , 2012, 23, 94-107. | 0.6 | 71 |
| 69 | Spatial Statistical Data Fusion for Remote Sensing Applications. <i>Journal of the American Statistical Association</i> , 2012, 107, 1004-1018. | 1.8 | 124 |
| 70 | One-step estimation of spatial dependence parameters: Properties and extensions of the APLE statistic. <i>Journal of Multivariate Analysis</i> , 2012, 105, 68-84. | 0.5 | 26 |
| 71 | Spatio-temporal modeling of sudden infant death syndrome data. <i>Statistical Methodology</i> , 2012, 9, 117-143. | 0.5 | 2 |
| 72 | Combining Outputs from the North American Regional Climate Change Assessment Program by Using A Bayesian Hierarchical Model. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2012, 61, 291-313. | 0.5 | 23 |

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| 73 | Dynamical random-set modeling of concentrated precipitation in North America. <i>Statistics and Its Interface</i> , 2012, 5, 169-181. | 0.2 | 6 |
| 74 | A spatial analysis of multivariate output from regional climate models. <i>Annals of Applied Statistics</i> , 2011, 5, . | 0.5 | 61 |
| 75 | A method for evaluating bias in global measurements of CO ₂ total columns from space. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12317-12337. | 1.9 | 279 |
| 76 | Spatio-temporal smoothing and EM estimation for massive remote-sensing data sets. <i>Journal of Time Series Analysis</i> , 2011, 32, 430-446. | 0.7 | 96 |
| 77 | Editorial: Special issue on time series in the environmental sciences. <i>Journal of Time Series Analysis</i> , 2011, 32, 337-338. | 0.7 | 6 |
| 78 | Lognormal block kriging for contaminated soil. <i>European Journal of Soil Science</i> , 2011, 62, 337-345. | 1.8 | 13 |
| 79 | A likelihood-based comparison of temporal models for physical processes. <i>Statistical Analysis and Data Mining</i> , 2011, 4, 247-258. | 1.4 | 9 |
| 80 | Discussion on "Spatial prediction in the presence of positional error". <i>Environmetrics</i> , 2011, 22, 125-126. | 0.6 | 0 |
| 81 | Bayesian Inference for the Spatial Random Effects Model. <i>Journal of the American Statistical Association</i> , 2011, 106, 972-983. | 1.8 | 56 |
| 82 | Nonparametric estimation of the variogram and its spectrum. <i>Biometrika</i> , 2011, 98, 775-789. | 1.3 | 23 |
| 83 | Spectral density estimation through a regularized inverse problem. <i>Statistica Sinica</i> , 2011, 21, 1115-1144. | 0.2 | 7 |
| 84 | Using Power-Divergence Statistics to Test for Homogeneity in Product-Multinomial Distributions. <i>Understanding Complex Systems</i> , 2011, , 157-175. | 0.3 | 0 |
| 85 | Fixed Rank Filtering for Spatio-Temporal Data. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 724-745. | 0.9 | 137 |
| 86 | Using temporal variability to improve spatial mapping with application to satellite data. <i>Canadian Journal of Statistics</i> , 2010, 38, 271-289. | 0.6 | 54 |
| 87 | "Bayesian source detection and parameter estimation of a plume model based on sensor network measurements" by C. Huang et al.: Rejoinder. <i>Applied Stochastic Models in Business and Industry</i> , 2010, 26, 360-361. | 0.9 | 1 |
| 88 | Bayesian source detection and parameter estimation of a plume model based on sensor network measurements. <i>Applied Stochastic Models in Business and Industry</i> , 2010, 26, 331-348. | 0.9 | 18 |
| 89 | Comment: Statistical Dependence in Stream Networks. <i>Journal of the American Statistical Association</i> , 2010, 105, 18-21. | 1.8 | 4 |
| 90 | Comment: Hierarchical Statistical Modeling for Paleoclimate Reconstruction. <i>Journal of the American Statistical Association</i> , 2010, 105, 895-900. | 1.8 | 5 |

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| 91 | High-Resolution Digital Soil Mapping: Kriging for Very Large Datasets. , 2010, , 49-63. | | 18 |
| 92 | Statistical counterpoint: Knowledge discovery of choreographic information using spatio-temporal analysis and visualization. Applied Geography, 2010, 30, 548-560. | 1.7 | 14 |
| 93 | Kriging and Variogram Models. , 2009, , 45-51. | | 1 |
| 94 | Hierarchical model building, fitting, and checking: a behind-the-scenes look at a Bayesian analysis of arsenic exposure pathways. Bayesian Analysis, 2009, 4, . | 1.6 | 18 |
| 95 | Kriging and Variogram Models. , 2009, , 49-55. | | 16 |
| 96 | Multivariate Intrinsic Random Functions for Cokriging. Mathematical Geosciences, 2009, 41, 887-904. | 1.4 | 13 |
| 97 | Statistical analysis of small-area data based on independence, spatial, non-hierarchical, and hierarchical models. Computational Statistics and Data Analysis, 2009, 53, 3016-3032. | 0.7 | 33 |
| 98 | Accounting for uncertainty in ecological analysis: the strengths and limitations of hierarchical statistical modeling. Ecological Applications, 2009, 19, 553-570. | 1.8 | 423 |
| 99 | Synchronous Objects for One Flat Thing, reproduced. , 2009, , . | | 4 |
| 100 | Equilibrium dynamics of ice streams: a Bayesian statistical analysis. Statistical Methods and Applications, 2008, 17, 145-165. | 0.7 | 6 |
| 101 | Conditional-mean least-squares fitting of Gaussian Markov random fields to Gaussian fields. Computational Statistics and Data Analysis, 2008, 52, 2794-2807. | 0.7 | 32 |
| 102 | Fixed Rank Kriging for Very Large Spatial Data Sets. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2008, 70, 209-226. | 1.1 | 668 |
| 103 | Loss Function Approaches to Predict a Spatial Quantile and Its Exceedance Region. Technometrics, 2008, 50, 216-227. | 1.3 | 26 |
| 104 | Some Diagnostics for Markov Random Fields. Journal of Computational and Graphical Statistics, 2008, 17, 726-749. | 0.9 | 7 |
| 105 | Modeling dynamic controls on ice streams: a Bayesian statistical approach. Journal of Glaciology, 2008, 54, 705-714. | 1.1 | 18 |
| 106 | Detecting signals in FMRI data using powerful FDR procedures. Statistics and Its Interface, 2008, 1, 23-32. | 0.2 | 8 |
| 107 | Data Mining of MISR Aerosol Product using Spatial Statistics. , 2007, , . | | 0 |
| 108 | Global statistical analysis of MISR aerosol data: a massive data product from NASA's Terra satellite. Environmetrics, 2007, 18, 665-680. | 0.6 | 55 |

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| 109 | From sources to biomarkers: A hierarchical Bayesian approach for human exposure modeling. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 3361-3379. | 0.4 | 11 |
| 110 | A spatial model for multivariate lattice data. <i>Journal of Econometrics</i> , 2007, 140, 226-259. | 3.5 | 51 |
| 111 | Beyond Moran's I : Testing for Spatial Dependence Based on the Spatial Autoregressive Model. <i>Geographical Analysis</i> , 2007, 39, 357-375. | 1.9 | 349 |
| 112 | Dynamic multi-resolution spatial models. <i>Environmental and Ecological Statistics</i> , 2007, 14, 5-25. | 1.9 | 41 |
| 113 | Spatial prediction on a river network. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2006, 11, 127-150. | 0.7 | 101 |
| 114 | Spatial Point Process Models of Defensive Strategies: Detecting Changes. <i>Statistical Inference for Stochastic Processes</i> , 2006, 9, 31-46. | 0.4 | 4 |
| 115 | Block Kriging for Lognormal Spatial Processes. <i>Mathematical Geosciences</i> , 2006, 38, 413-443. | 0.9 | 49 |
| 116 | Testing for Activation in Data from fMRI Experiments. <i>Journal of Data Science</i> , 2006, 4, 275-289. | 0.5 | 5 |
| 117 | Likelihood-based estimation for Gaussian MRFs. <i>Statistical Methodology</i> , 2005, 2, 1-16. | 0.5 | 24 |
| 118 | A Loss function approach to identifying environmental exceedances. <i>Extremes</i> , 2005, 8, 143-159. | 0.5 | 12 |
| 119 | Geostatistical prediction of spatial extremes and their extent. , 2005, , 27-37. | | 2 |
| 120 | A Fast, Optimal Spatial-Prediction Method for Massive Datasets. <i>Journal of the American Statistical Association</i> , 2005, 100, 1343-1357. | 1.8 | 22 |
| 121 | Flexible Spatial Models for Kriging and Cokriging Using Moving Averages and the Fast Fourier Transform (FFT). <i>Journal of Computational and Graphical Statistics</i> , 2004, 13, 265-282. | 0.9 | 69 |
| 122 | Ecological Bias: Use of Maximum-Entropy Approximations. <i>Australian and New Zealand Journal of Statistics</i> , 2004, 46, 233-255. | 0.4 | 6 |
| 123 | Waypoint analysis for command and control. <i>Naval Research Logistics</i> , 2004, 51, 1045-1067. | 1.4 | 0 |
| 124 | Finding large-scale spatial trends in massive, global, environmental datasets. <i>Environmetrics</i> , 2004, 15, 1-44. | 0.6 | 28 |
| 125 | Variance-Covariance Modeling and Estimation for Multi-Resolution Spatial Models. , 2004, , 319-330. | | 7 |
| 126 | Hierarchical modeling of count data with application to nuclear fall-out. <i>Environmental and Ecological Statistics</i> , 2003, 10, 179-200. | 1.9 | 28 |

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| 127 | Loss functions for estimation of extrema with an application to disease mapping. Canadian Journal of Statistics, 2003, 31, 251-266. | 0.6 | 13 |
| 128 | Some results on constrained Bayes estimators. Statistics and Probability Letters, 2003, 65, 389-399. | 0.4 | 6 |
| 129 | Prediction of nonlinear spatial functionals. Journal of Statistical Planning and Inference, 2003, 112, 3-41. | 0.4 | 29 |
| 130 | Spatial Statistics in the Presence of Location Error with an Application to Remote Sensing of the Environment. Statistical Science, 2003, 18, 436. | 1.6 | 75 |
| 131 | Calibrated spatial moving average simulations. Statistical Modelling, 2002, 2, 267-279. | 0.5 | 27 |
| 132 | Fast, Resolution-Consistent Spatial Prediction of Global Processes From Satellite Data. Journal of Computational and Graphical Statistics, 2002, 11, 63-88. | 0.9 | 81 |
| 133 | Nonparametric Hypothesis Testing for a Spatial Signal. Journal of the American Statistical Association, 2002, 97, 1122-1140. | 1.8 | 51 |
| 134 | Spatial-temporal nonlinear filtering based on hierarchical statistical models. Test, 2002, 11, 249-302. | 0.7 | 7 |
| 135 | On asymptotic distribution and asymptotic efficiency of least squares estimators of spatial variogram parameters. Journal of Statistical Planning and Inference, 2002, 103, 65-85. | 0.4 | 65 |
| 136 | Model checking in loglinear models using \dot{I} -divergences and MLEs. Journal of Statistical Planning and Inference, 2002, 103, 437-453. | 0.4 | 19 |
| 137 | Hierarchical statistical modelling of influenza epidemic dynamics in space and time. Statistics in Medicine, 2002, 21, 2703-2721. | 0.8 | 79 |
| 138 | The Effect on Attribute Prediction of Location Uncertainty in Spatial Data. Geographical Analysis, 2002, 34, 262-285. | 1.9 | 29 |
| 139 | <title>Spatial-temporal statistical approach to command and control problems in battlespace digitization</title>. , 2001, , . | | 2 |
| 140 | Patterns in spatial point locations: Local indicators of spatial association in a minefield with clutter. Naval Research Logistics, 2001, 48, 333-347. | 1.4 | 30 |
| 141 | Multiway Dependence in Exponential Family Conditional Distributions. Journal of Multivariate Analysis, 2001, 79, 171-190. | 0.5 | 10 |
| 142 | Binary Markov Mesh Models and Symmetric Markov Random Fields: Some Results on their Equivalence. Methodology and Computing in Applied Probability, 2001, 3, 5-34. | 0.7 | 3 |
| 143 | Analysis of spatial point patterns using bundles of product density LISA functions. Journal of Agricultural, Biological, and Environmental Statistics, 2001, 6, 118-135. | 0.7 | 28 |
| 144 | A Hierarchical Approach to Covariance Function Estimation for Time Series. Journal of Time Series Analysis, 2001, 22, 253-266. | 0.7 | 8 |

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| 145 | Multiscale Graphical Modeling in Space: Applications to Command and Control. Lecture Notes in Statistics, 2001, , 83-113. | 0.1 | 13 |
| 146 | Uncertainty and Spatial Linear Models for Ecological Data. , 2001, , 214-237. | | 34 |
| 147 | Kriging for Cut-Offs and Other Difficult Problems. Quantitative Geology and Geostatistics, 2001, , 299-310. | 0.1 | 5 |
| 148 | Geostatistical methods for mapping environmental exposures. , 2001, , 185-204. | | 2 |
| 149 | Asymptotic Distribution of the Empirical Cumulative Distribution Function Predictor under Nonstationarity. Lecture Notes in Statistics, 2001, , 1-20. | 0.1 | 0 |
| 150 | Hierarchical probability models and Bayesian analysis of mine locations. Advances in Applied Probability, 2000, 32, 315-330. | 0.4 | 8 |
| 151 | Posterior predictive model checks for disease mapping models. Statistics in Medicine, 2000, 19, 2377-2397. | 0.8 | 126 |
| 152 | The Construction of Multivariate Distributions from Markov Random Fields. Journal of Multivariate Analysis, 2000, 73, 199-220. | 0.5 | 60 |
| 153 | Directed Markov Point Processes as Limits of Partially Ordered Markov Models. Methodology and Computing in Applied Probability, 2000, 2, 5-21. | 0.7 | 5 |
| 154 | Mapping rates associated with polygons. Journal of Geographical Systems, 2000, 2, 61-69. | 1.9 | 19 |
| 155 | Long-Lead Prediction of Pacific SSTs via Bayesian Dynamic Modeling. Journal of Climate, 2000, 13, 3953-3968. | 1.2 | 161 |
| 156 | 11 Spatial statistical methods for environmental epidemiology. Handbook of Statistics, 2000, 18, 357-396. | 0.4 | 10 |
| 157 | Posterior predictive model checks for disease mapping models. , 2000, 19, 2377. | | 1 |
| 158 | Spatio-temporal hierarchical modeling of an infectious disease from (simulated) count data. , 2000, , 41-52. | | 3 |
| 159 | Hierarchical probability models and Bayesian analysis of mine locations. Advances in Applied Probability, 2000, 32, 315-330. | 0.4 | 18 |
| 160 | A dimension-reduced approach to space-time Kalman filtering. Biometrika, 1999, 86, 815-829. | 1.3 | 335 |
| 161 | Texture synthesis and pattern recognition for partially ordered Markov models. Pattern Recognition, 1999, 32, 1475-1505. | 5.1 | 19 |
| 162 | Letter to the Editor. , 1999, 11, 433-434. | | 0 |

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| 163 | Empirical Bayesian Spatial Prediction Using Wavelets. Lecture Notes in Statistics, 1999, , 203-222. | 0.1 | 4 |
| 164 | Prediction of Spatial Cumulative Distribution Functions Using Subsampling. Journal of the American Statistical Association, 1999, 94, 86-97. | 1.8 | 75 |
| 165 | Prediction of Spatial Cumulative Distribution Functions Using Subsampling: Rejoinder. Journal of the American Statistical Association, 1999, 94, 107. | 1.8 | 0 |
| 166 | Classes of Nonseparable, Spatio-Temporal Stationary Covariance Functions. Journal of the American Statistical Association, 1999, 94, 1330-1339. | 1.8 | 470 |
| 167 | Hierarchical Bayesian space-time models. Environmental and Ecological Statistics, 1998, 5, 117-154. | 1.9 | 323 |
| 168 | The Variance-Based Cross-Variogram: You Can Add Apples and Oranges. Mathematical Geosciences, 1998, 30, 789-799. | 0.9 | 40 |
| 169 | Transect-spacing design of ice cores on the Antarctic continent. Canadian Journal of Statistics, 1998, 26, 405-418. | 0.6 | 4 |
| 170 | Image analysis with partially ordered markov models. Computational Statistics and Data Analysis, 1998, 29, 1-26. | 0.7 | 52 |
| 171 | Aggregation and interaction issues in statistical modeling of spatiotemporal processes. Geoderma, 1998, 85, 133-140. | 2.3 | 6 |
| 172 | Bayesian hierarchical analysis of minefield data. , 1998, , . | | 3 |
| 173 | Spatio-Temporal Statistical Modeling of Livestock Waste in Streams. Journal of Agricultural, Biological, and Environmental Statistics, 1997, 2, 24. | 0.7 | 51 |
| 174 | <title>Models and inference for clustering of locations of mines and minelike objects</title>. , 1997, , . | | 0 |
| 175 | <title>Mine boundary detection using partially ordered Markov models</title>. , 1997, 3167, 152. | | 0 |
| 176 | Jackknifing in the Presence of Inhomogeneity. Technometrics, 1997, 39, 45-51. | 1.3 | 4 |
| 177 | Ozone Exposure and Population Density in Harris County, Texas: Comment. Journal of the American Statistical Association, 1997, 92, 411. | 1.8 | 6 |
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