

Noel A. Cressie

List of Publications by Year in descending order

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321
papers

21,268
citations

26626
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135
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363
all docs

363
docs citations

363
times ranked

14368
citing authors

#	ARTICLE	IF	CITATIONS
1	Basis-Function Models in Spatial Statistics. Annual Review of Statistics and Its Application, 2022, 9, 373-400.	7.0	9
2	WOMBAT v1.0: a fully Bayesian global flux-inversion framework. Geoscientific Model Development, 2022, 15, 45-73.	3.6	9
3	Spatial Surface Reflectance Retrievals for Visible/Shortwave Infrared Remote Sensing via Gaussian Process Priors. Remote Sensing, 2022, 14, 2183.	4.0	2
4	From Many to One: Consensus Inference in a MIP. Geophysical Research Letters, 2022, 49, .	4.0	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.	2.0	4
7	A few statistical principles for data science. Australian and New Zealand Journal of Statistics, 2021, 63, 182.	0.9	3
8	Scene invariants for quantifying radiative transfer uncertainty. Remote Sensing of Environment, 2021, 260, 112432.	11.0	1
9	FRK : An R Package for Spatial and Spatio-Temporal Prediction with Large Datasets. Journal of Statistical Software, 2021, 98, .	3.7	27
10	Emergent constraints on tropical atmospheric aridityâ€”carbon feedbacks and the future of carbon sequestration. Environmental Research Letters, 2021, 16, 114008.	5.2	15
11	Comment: When Is It Data Science and When Is It Data Engineering?. Journal of the American Statistical Association, 2020, 115, 660-662.	3.1	1
12	Measuring, mapping, and uncertainty quantification in the space-time cube. Revista Matematica Complutense, 2020, 33, 643-660.	1.2	0
13	Quantifying uncertainty for remote spectroscopy of surface composition. Remote Sensing of Environment, 2020, 247, 111898.	11.0	31
14	Great expectations and even greater exceedances from spatially referenced data. Spatial Statistics, 2020, 37, 100420.	1.9	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.	1.2	6
16	Sensitivity and uncertainty quantification for the ECOSTRESS evapotranspiration algorithm â€” DisALEXI. International Journal of Applied Earth Observation and Geoinformation, 2020, 89, 102088.	2.8	13
17	Overview: Estimating and reporting uncertainties in remotely sensed atmospheric composition and temperature. Atmospheric Measurement Techniques, 2020, 13, 4393-4436.	3.1	31
18	Bayesian Inference of Spatio-Temporal Changes of Arctic Sea Ice. Bayesian Analysis, 2020, 15, .	3.0	10

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19	Comment: When Is It Data Science and When Is It Data Engineering?. International Statistical Review, 2020, 88, S65.	1.9	0
20	Estimating Spatial Changes Over Time of Arctic Sea Ice using Hidden 2 \tilde{A} –2 Tables. Journal of Time Series Analysis, 2019, 40, 288-311.	1.2	4
21	Effects of a Government-Academic Partnership: Has the NSF-CENSUS Bureau Research Network Helped Improve the US Statistical System?. Journal of Survey Statistics and Methodology, 2019, 7, 589-619.	1.2	3
22	Accelerated MCMC for Satellite-Based Measurements of Atmospheric CO ₂ . Remote Sensing, 2019, 11, 2061.	4.0	5
23	A diagonally weighted matrix norm between two covariance matrices. Spatial Statistics, 2019, 29, 316-328.	1.9	1
24	Sensitivity of Optimal Estimation Satellite Retrievals to Misspecification of the Prior Mean and Covariance, with Application to OCO-2 Retrievals. Remote Sensing, 2019, 11, 2770.	4.0	9
25	Inference for Errors-in-Variables Models in the Presence of Systematic Errors with an Application to a Satellite Remote Sensing Campaign. Technometrics, 2019, 61, 187-201.	1.9	7
26	Optimal Estimation Versus MCMC for CO_2 CO ₂ Retrievals. Journal of Agricultural, Biological, and Environmental Statistics, 2018, 23, 297-316.	1.4	4
27	Spatial data compression via adaptive dispersion clustering. Computational Statistics and Data Analysis, 2018, 117, 138-153.	1.2	8
28	Two-scale spatial models for binary data. Statistical Methods and Applications, 2018, 27, 1-24.	1.2	3
29	A Hierarchical Statistical Framework for Emergent Constraints: Application to Snow \tilde{A} Albedo Feedback. Geophysical Research Letters, 2018, 45, 13,050.	4.0	30
30	On Statistical Approaches to Generate Level 3 Products from Satellite Remote Sensing Retrievals. Remote Sensing, 2018, 10, 155.	4.0	20
31	Mission CO ₂ Control: A Statistical Scientist's Role in Remote Sensing of Atmospheric Carbon Dioxide. Journal of the American Statistical Association, 2018, 113, 152-168.	3.1	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. Chemometrics and Intelligent Laboratory Systems, 2017, 162, 214-222.	3.5	4
34	Simulation-Based Uncertainty Quantification for Estimating Atmospheric CO ₂ from Satellite Data. SIAM-ASA Journal on Uncertainty Quantification, 2017, 5, 956-985.	2.0	25
35	The Atmospheric Infrared Sounder Retrieval, Revisited. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1504-1507.	3.1	2
36	The Orbiting Carbon Observatory-2: first 18 \tilde{A} months of science data products. Atmospheric Measurement Techniques, 2017, 10, 549-563.	3.1	180

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37	Multivariate Spatial Data Fusion for Very Large Remote Sensing Datasets. Remote Sensing, 2017, 9, 142.	4.0	21
38	A Three-Dimensional Mapping of the Ocean Based on Environmental Data. Oceanography, 2017, 30, 90-103.	1.0	86
39	Probabilistic evaluation of competing climate models. Advances in Statistical Climatology, Meteorology and Oceanography, 2017, 3, 93-105.	0.9	5
40	Predictive Inference for Big, Spatial, Non-Gaussian Data: MODIS Cloud Data and its Change-Of-Support. Australian and New Zealand Journal of Statistics, 2016, 58, 15-45.	0.9	13
41	Multivariate spatial covariance models: a conditional approach. Biometrika, 2016, 103, 915-935.	2.4	29
42	Non-Gaussian bivariate modelling with application to atmospheric trace-gas inversion. Spatial Statistics, 2016, 18, 194-220.	1.9	10
43	Statistical bias and variance for the regularized inverse problem: Application to space-based atmospheric CO2 retrievals. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5526-5537.	3.3	14
44	A comparison of spatial predictors when datasets could be very large. Statistics Surveys, 2016, 10, .	11.3	34
45	Hot Enough for You? A Spatial Exploratory and Inferential Analysis of North American Climate-Change Projections. Mathematical Geosciences, 2016, 48, 107-121.	2.4	6
46	Analysis of variability of tropical Pacific sea surface temperatures. Advances in Statistical Climatology, Meteorology and Oceanography, 2016, 2, 155-169.	0.9	0
47	Figures of merit for simultaneous inference and comparisons in simulation experiments. Stat, 2015, 4, 196-211.	0.4	2
48	Comment on Article by Ferreira and Gamerman. Bayesian Analysis, 2015, 10, .	3.0	0
49	Capturing Multivariate Spatial Dependence: Model, Estimate and then Predict. Statistical Science, 2015, 30, .	2.8	6
50	Spatio-temporal bivariate statistical models for atmospheric trace-gas inversion. Chemometrics and Intelligent Laboratory Systems, 2015, 149, 227-241.	3.5	13
51	The SAR Model for Very Large Datasets: A Reduced Rank Approach. Econometrics, 2015, 3, 317-338.	0.9	19
52	Comparing and selecting spatial predictors using local criteria. Test, 2015, 24, 1-28.	1.1	16
53	Rejoinder on: Comparing and selecting spatial predictors using local criteria. Test, 2015, 24, 54-60.	1.1	2
54	Bayesian hierarchical statistical SIRS models. Statistical Methods and Applications, 2014, 23, 601-646.	1.2	7

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55	Rethinking soil carbon modelling: a stochastic approach to quantify uncertainties. <i>Environmetrics</i> , 2014, 25, 265-278.	1.4	13
56	Statistical data fusion of multi-sensor AOD over the Continental United States. <i>Geocarto International</i> , 2014, 29, 48-64.	3.5	56
57	Spatial Fayâ€“Herriot models for small area estimation with functional covariates. <i>Spatial Statistics</i> , 2014, 10, 27-42.	1.9	46
58	Spatio-Temporal Data Fusion for Very Large Remote Sensing Datasets. <i>Technometrics</i> , 2014, 56, 174-185.	1.9	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.	1.5	4
60	Multi-species SIR models from a dynamical Bayesian perspective. <i>Theoretical Ecology</i> , 2013, 6, 457-473.	1.0	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.	2.8	17
62	Hierarchical statistical modeling of big spatial datasets using the exponential family of distributions. <i>Spatial Statistics</i> , 2013, 4, 14-44.	1.9	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.	3.2	53
64	Greenland Ice Sheet Mass Balance Reconstruction. Part I: Net Snow Accumulation (1600â€“2009). <i>Journal of Climate</i> , 2013, 26, 3919-3934.	3.2	49
65	Bayesian learning and predictability in a stochastic nonlinear dynamical model. <i>Ecological Applications</i> , 2013, 23, 679-698.	3.8	29
66	A Bayesian multivariate analysis of children's exposure to pesticides. <i>Environmetrics</i> , 2013, 24, 357-366.	1.4	0
67	Empirical Hierarchical Modelling for Count Data using the Spatial Random Effects Model. <i>Spatial Economic Analysis</i> , 2013, 8, 389-418.	1.6	13
68	Bayesian hierarchical spatioâ€“temporal smoothing for very large datasets. <i>Environmetrics</i> , 2012, 23, 94-107.	1.4	71
69	Spatial Statistical Data Fusion for Remote Sensing Applications. <i>Journal of the American Statistical Association</i> , 2012, 107, 1004-1018.	3.1	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.	1.0	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.	1.0	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.	0.3	6
74	A spatial analysis of multivariate output from regional climate models. <i>Annals of Applied Statistics</i> , 2011, 5, .	1.1	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.	4.9	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.	1.2	96
77	Editorial: Special issue on time series in the environmental sciences. <i>Journal of Time Series Analysis</i> , 2011, 32, 337-338.	1.2	6
78	Lognormal block kriging for contaminated soil. <i>European Journal of Soil Science</i> , 2011, 62, 337-345.	3.9	13
79	A likelihood-based comparison of temporal models for physical processes. <i>Statistical Analysis and Data Mining</i> , 2011, 4, 247-258.	2.8	9
80	Discussion on "Spatial prediction in the presence of positional error". <i>Environmetrics</i> , 2011, 22, 125-126.	1.4	0
81	Bayesian Inference for the Spatial Random Effects Model. <i>Journal of the American Statistical Association</i> , 2011, 106, 972-983.	3.1	56
82	Nonparametric estimation of the variogram and its spectrum. <i>Biometrika</i> , 2011, 98, 775-789.	2.4	23
83	Spectral density estimation through a regularized inverse problem. <i>Statistica Sinica</i> , 2011, 21, 1115-1144.	0.3	7
84	Using Power-Divergence Statistics to Test for Homogeneity in Product-Multinomial Distributions. <i>Understanding Complex Systems</i> , 2011, , 157-175.	0.6	0
85	Fixed Rank Filtering for Spatio-Temporal Data. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 724-745.	1.7	137
86	Using temporal variability to improve spatial mapping with application to satellite data. <i>Canadian Journal of Statistics</i> , 2010, 38, 271-289.	0.9	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.	1.5	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.	1.5	18
89	Comment: Statistical Dependence in Stream Networks. <i>Journal of the American Statistical Association</i> , 2010, 105, 18-21.	3.1	4
90	Comment: Hierarchical Statistical Modeling for Paleoclimate Reconstruction. <i>Journal of the American Statistical Association</i> , 2010, 105, 895-900.	3.1	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.	3.7	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, .	3.0	18
95	Kriging and Variogram Models. , 2009, , 49-55.		16
96	Multivariate Intrinsic Random Functions for Cokriging. Mathematical Geosciences, 2009, 41, 887-904.	2.4	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.	1.2	33
98	Accounting for uncertainty in ecological analysis: the strengths and limitations of hierarchical statistical modeling. Ecological Applications, 2009, 19, 553-570.	3.8	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.	1.2	6
101	Conditional-mean least-squares fitting of Gaussian Markov random fields to Gaussian fields. Computational Statistics and Data Analysis, 2008, 52, 2794-2807.	1.2	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.	2.2	668
103	Loss Function Approaches to Predict a Spatial Quantile and Its Exceedance Region. Technometrics, 2008, 50, 216-227.	1.9	26
104	Some Diagnostics for Markov Random Fields. Journal of Computational and Graphical Statistics, 2008, 17, 726-749.	1.7	7
105	Modeling dynamic controls on ice streams: a Bayesian statistical approach. Journal of Glaciology, 2008, 54, 705-714.	2.2	18
106	Detecting signals in fMRI data using powerful FDR procedures. Statistics and Its Interface, 2008, 1, 23-32.	0.3	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.	1.4	55

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109	From sources to biomarkers: A hierarchical Bayesian approach for human exposure modeling. Journal of Statistical Planning and Inference, 2007, 137, 3361-3379.	0.6	11
110	A spatial model for multivariate lattice data. Journal of Econometrics, 2007, 140, 226-259.	6.5	51
111	Beyond Moran's I : Testing for Spatial Dependence Based on the Spatial Autoregressive Model. Geographical Analysis, 2007, 39, 357-375.	3.5	349
112	Dynamic multi-resolution spatial models. Environmental and Ecological Statistics, 2007, 14, 5-25.	3.5	41
113	Spatial prediction on a river network. Journal of Agricultural, Biological, and Environmental Statistics, 2006, 11, 127-150.	1.4	101
114	Spatial Point Process Models of Defensive Strategies: Detecting Changes. Statistical Inference for Stochastic Processes, 2006, 9, 31-46.	0.6	4
115	Block Kriging for Lognormal Spatial Processes. Mathematical Geosciences, 2006, 38, 413-443.	0.9	49
116	Testing for Activation in Data from FMRI Experiments. Journal of Data Science, 2006, 4, 275-289.	0.9	5
117	Likelihood-based estimation for Gaussian MRFs. Statistical Methodology, 2005, 2, 1-16.	0.5	24
118	A Loss function approach to identifying environmental exceedances. Extremes, 2005, 8, 143-159.	1.0	12
119	Geostatistical prediction of spatial extremes and their extent. , 2005, , 27-37.		2
120	A Fast, Optimal Spatial-Prediction Method for Massive Datasets. Journal of the American Statistical Association, 2005, 100, 1343-1357.	3.1	22
121	Flexible Spatial Models for Kriging and Cokriging Using Moving Averages and the Fast Fourier Transform (FFT). Journal of Computational and Graphical Statistics, 2004, 13, 265-282.	1.7	69
122	Ecological Bias: Use of Maximum-Entropy Approximations. Australian and New Zealand Journal of Statistics, 2004, 46, 233-255.	0.9	6
123	Waypoint analysis for command and control. Naval Research Logistics, 2004, 51, 1045-1067.	2.2	0
124	Finding large-scale spatial trends in massive, global, environmental datasets. Environmetrics, 2004, 15, 1-44.	1.4	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. Environmental and Ecological Statistics, 2003, 10, 179-200.	3.5	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.	0.9	13
128	Some results on constrained Bayes estimators. Statistics and Probability Letters, 2003, 65, 389-399.	0.7	6
129	Prediction of nonlinear spatial functionals. Journal of Statistical Planning and Inference, 2003, 112, 3-41.	0.6	29
130	Spatial Statistics in the Presence of Location Error with an Application to Remote Sensing of the Environment. Statistical Science, 2003, 18, 436.	2.8	75
131	Calibrated spatial moving average simulations. Statistical Modelling, 2002, 2, 267-279.	1.1	27
132	Fast, Resolution-Consistent Spatial Prediction of Global Processes From Satellite Data. Journal of Computational and Graphical Statistics, 2002, 11, 63-88.	1.7	81
133	Nonparametric Hypothesis Testing for a Spatial Signal. Journal of the American Statistical Association, 2002, 97, 1122-1140.	3.1	51
134	Spatial-temporal nonlinear filtering based on hierarchical statistical models. Test, 2002, 11, 249-302.	1.1	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.	0.6	65
136	Model checking in loglinear models using \hat{I}_T -divergences and MLEs. Journal of Statistical Planning and Inference, 2002, 103, 437-453.	0.6	19
137	Hierarchical statistical modelling of influenza epidemic dynamics in space and time. Statistics in Medicine, 2002, 21, 2703-2721.	1.6	79
138	The Effect on Attribute Prediction of Location Uncertainty in Spatial Data. Geographical Analysis, 2002, 34, 262-285.	3.5	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.	2.2	30
141	Multiway Dependence in Exponential Family Conditional Distributions. Journal of Multivariate Analysis, 2001, 79, 171-190.	1.0	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.	1.2	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.	1.4	28
144	A Hierarchical Approach to Covariance Function Estimation for Time Series. Journal of Time Series Analysis, 2001, 22, 253-266.	1.2	8

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145	Multiscale Graphical Modeling in Space: Applications to Command and Control. Lecture Notes in Statistics, 2001, , 83-113.	0.2	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.	0.2	0
150	Hierarchical probability models and Bayesian analysis of mine locations. Advances in Applied Probability, 2000, 32, 315-330.	0.7	8
151	Posterior predictive model checks for disease mapping models. Statistics in Medicine, 2000, 19, 2377-2397.	1.6	126
152	The Construction of Multivariate Distributions from Markov Random Fields. Journal of Multivariate Analysis, 2000, 73, 199-220.	1.0	60
153	Directed Markov Point Processes as Limits of Partially Ordered Markov Models. Methodology and Computing in Applied Probability, 2000, 2, 5-21.	1.2	5
154	Mapping rates associated with polygons. Journal of Geographical Systems, 2000, 2, 61-69.	3.1	19
155	Long-Lead Prediction of Pacific SSTs via Bayesian Dynamic Modeling. Journal of Climate, 2000, 13, 3953-3968.	3.2	161
156	11 Spatial statistical methods for environmental epidemiology. Handbook of Statistics, 2000, 18, 357-396.	0.6	10
157	Posterior predictive model checks for disease mapping models. Statistics in Medicine, 2000, 19, 2377-2397.	1.6	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.	0.7	18
160	Deterministic/Stochastic Wavelet Decomposition for Recovery of Signal from Noisy Data. Technometrics, 2000, 42, 262.	1.9	11
161	A dimension-reduced approach to space-time Kalman filtering. Biometrika, 1999, 86, 815-829.	2.4	335
162	Texture synthesis and pattern recognition for partially ordered Markov models. Pattern Recognition, 1999, 32, 1475-1505.	8.1	19

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163	Letter to the Editor. , 1999, 11, 433-434.		0
164	Empirical Bayesian Spatial Prediction Using Wavelets. Lecture Notes in Statistics, 1999, , 203-222.	0.2	4
165	Prediction of Spatial Cumulative Distribution Functions Using Subsampling. Journal of the American Statistical Association, 1999, 94, 86-97.	3.1	75
166	Prediction of Spatial Cumulative Distribution Functions Using Subsampling: Rejoinder. Journal of the American Statistical Association, 1999, 94, 107.	3.1	0
167	Classes of Nonseparable, Spatio-Temporal Stationary Covariance Functions. Journal of the American Statistical Association, 1999, 94, 1330-1339.	3.1	470
168	Prediction of Spatial Cumulative Distribution Functions Using Subsampling. Journal of the American Statistical Association, 1999, 94, 86.	3.1	22
169	Classes of Nonseparable, Spatio-Temporal Stationary Covariance Functions. Journal of the American Statistical Association, 1999, 94, 1330.	3.1	100
170	Hierarchical Bayesian space-time models. Environmental and Ecological Statistics, 1998, 5, 117-154.	3.5	323
171	The Variance-Based Cross-Variogram: You Can Add Apples and Oranges. Mathematical Geosciences, 1998, 30, 789-799.	0.9	40
172	Transect-spacing design of ice cores on the Antarctic continent. Canadian Journal of Statistics, 1998, 26, 405-418.	0.9	4
173	Image analysis with partially ordered markov models. Computational Statistics and Data Analysis, 1998, 29, 1-26.	1.2	52
174	Aggregation and interaction issues in statistical modeling of spatiotemporal processes. Geoderma, 1998, 85, 133-140.	5.1	6
175	Bayesian hierarchical analysis of minefield data. , 1998, , .		3
176	Spatio-Temporal Statistical Modeling of Livestock Waste in Streams. Journal of Agricultural, Biological, and Environmental Statistics, 1997, 2, 24.	1.4	51
177	<title>Models and inference for clustering of locations of mines and minelike objects</title>. , 1997, , .		0
178	<title>Mine boundary detection using partially ordered Markov models</title>. , 1997, 3167, 152.		0
179	Jackknifing in the Presence of Inhomogeneity. Technometrics, 1997, 39, 45-51.	1.9	4
180	Ozone Exposure and Population Density in Harris County, Texas: Comment. Journal of the American Statistical Association, 1997, 92, 411.	3.1	6

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181	Spatial modeling of snow water equivalent using covariances estimated from spatial and geomorphic attributes. <i>Journal of Hydrology</i> , 1997, 190, 42-59.	5.4	39
182	Discussion of the paper by D.J. Brus and J.J. de Guijter. <i>Geoderma</i> , 1997, 80, 45-59.	5.1	11
183	A Comparison of the Cost-efficiencies of the Sequential, Group-sequential, and Variable-sample-size-sequential Probability Ratio Tests. <i>Scandinavian Journal of Statistics</i> , 1997, 24, 181-200.	1.4	7
184	REPLY TO DISCUSSION by David C. Garen.. <i>Journal of the American Water Resources Association</i> , 1997, 33, 221-222.	2.4	0
185	Dynamic graphics in a GIS: More examples using linked software. <i>Computers and Geosciences</i> , 1997, 23, 371-385.	4.2	54
186	Using hidden Markov chains and empirical Bayes change-point estimation for transect data. <i>Environmental and Ecological Statistics</i> , 1997, 4, 247-264.	3.5	7
187	Modeling Poisson variables with positive spatial dependence. <i>Statistics and Probability Letters</i> , 1997, 35, 423-432.	0.7	98
188	Inference for Spatial Processes Using Subsampling: a Simulation Study. <i>Environmetrics</i> , 1997, 8, 485-502.	1.4	11
189	Jackknifing in the Presence of Inhomogeneity. <i>Technometrics</i> , 1997, 39, 45.	1.9	2
190	Object Identification Using Markov Random Field Segmentation Models at Multiple Resolutions of a Rectangular Lattice. <i>Lecture Notes in Statistics</i> , 1997, , 159-173.	0.2	0
191	Spatio-temporal prediction of snow water equivalent using the Kalman filter. <i>Computational Statistics and Data Analysis</i> , 1996, 22, 159-175.	1.2	118
192	Asymptotics for REML estimation of spatial covariance parameters. <i>Journal of Statistical Planning and Inference</i> , 1996, 50, 327-341.	0.6	56
193	A COMPARISON OF GEOSTATISTICAL METHODOLOGIES USED TO ESTIMATE SNOW WATER EQUIVALENT. <i>Journal of the American Water Resources Association</i> , 1996, 32, 267-278.	2.4	80
194	Conditionally Specified Gaussian Models for Spatial Statistical Analysis of Field Trials. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 1996, 1, 60.	1.4	13
195	PIC: Power Divergence Information Criterion. , 1996, , 3-14.		2
196	Temporal Analogues to Spatial K Functions. <i>Biometrical Journal</i> , 1995, 37, 351-373.	1.0	1
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