

Brian J Reich

List of Publications by Year in descending order

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166
papers

4,857
citations

125106

35
h-index

134545

62
g-index

173
all docs

173
docs citations

173
times ranked

6162
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian nonparametric quantile process regression and estimation of marginal quantile effects. <i>Biometrics</i> , 2023, 79, 151-164.	0.8	1
2	Bayesian Regression Using a Prior on the Model Fit: The R2-D2 Shrinkage Prior. <i>Journal of the American Statistical Association</i> , 2022, 117, 862-874.	1.8	19
3	Geostatistical modeling of positive-definite matrices: An application to diffusion tensor imaging. <i>Biometrics</i> , 2022, 78, 548-559.	0.8	1
4	Accounting for Location Measurement Error in Imaging Data With Application to Atomic Resolution Images of Crystalline Materials. <i>Technometrics</i> , 2022, 64, 103-113.	1.3	0
5	A spatiotemporal recommendation engine for malaria control. <i>Biostatistics</i> , 2022, 23, 1023-1038.	0.9	5
6	Nonparametric conditional density estimation in a deep learning framework for short-term forecasting. <i>Environmental and Ecological Statistics</i> , 2022, 29, 677-704.	1.9	3
7	Exposure to common-use pesticides, manganese, lead, and thyroid function among pregnant women from the Infants' Environmental Health (ISA) study, Costa Rica. <i>Science of the Total Environment</i> , 2022, 810, 151288.	3.9	16
8	Bayesian spatial modeling using random Fourier frequencies. <i>Spatial Statistics</i> , 2022, , 100598.	0.9	1
9	Statistical analysis of multi-day solar irradiance using a threshold time series model. <i>Environmetrics</i> , 2022, 33, .	0.6	1
10	Discussion on "Spatial+: A novel approach to spatial confounding" by Dupont, Wood, and Augustin. <i>Biometrics</i> , 2022, 78, 1291-1294.	0.8	1
11	Environmental exposures contribute to respiratory and allergic symptoms among women living in the banana growing regions of Costa Rica. <i>Occupational and Environmental Medicine</i> , 2022, 79, 469-476.	1.3	8
12	Soil Properties and Moisture Synergistically Influence Nontuberculous Mycobacterial Prevalence in Natural Environments of Hawaii. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0001822.	1.4	7
13	What drives spatially varying ecological relationships in a wide-ranging species?. <i>Diversity and Distributions</i> , 2022, 28, 1752-1768.	1.9	6
14	Sequential Optimization in Locally Important Dimensions. <i>Technometrics</i> , 2021, 63, 236-248.	1.3	3
15	Statistical Downscaling with Spatial Misalignment: Application to Wildland Fire PM _{2.5} Concentration Forecasting. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2021, 26, 23-44.	0.7	2
16	A deep learning approach to identify smoke plumes in satellite imagery in near-real time for health risk communication. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 170-176.	1.8	33
17	A spatial Bayesian semiparametric mixture model for positive definite matrices with applications in diffusion tensor imaging. <i>Canadian Journal of Statistics</i> , 2021, 49, 129-149.	0.6	1
18	A Bayesian semi-parametric mixture model for bivariate extreme value analysis with application to precipitation forecasting. <i>Statistica Sinica</i> , 2021, , .	0.2	1

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19	Multisensor fusion of remotely sensed vegetation indices using space-time dynamic linear models. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 793-812.	0.5	4
20	Bayesian variable selection for high-dimensional rank data. <i>Environmetrics</i> , 2021, 32, e2682.	0.6	2
21	A Review of Spatial Causal Inference Methods for Environmental and Epidemiological Applications. <i>International Statistical Review</i> , 2021, 89, 605-634.	1.1	29
22	Spatial Shrinkage Via the Product Independent Gaussian Process Prior. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 1068-1080.	0.9	1
23	Deep distribution regression. <i>Computational Statistics and Data Analysis</i> , 2021, 159, 107203.	0.7	9
24	Flexible and Fast Spatial Return Level Estimation Via a Spatially Fused Penalty. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 1124-1142.	0.9	4
25	Environmental pesticide concentrations in air and pregnant women's urinary pesticide metabolites in the Infants' Environmental Health Study (ISA). <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
26	Landscape-level variation in <i>Bt</i> crops predict <i>Helicoverpa zea</i> (<i>Lepidoptera: Noctuidae</i>) resistance in cotton agroecosystems. <i>Pest Management Science</i> , 2021, 77, 5454-5462.	1.7	10
27	Long-term, medium spatial resolution annual land surface phenology with a Bayesian hierarchical model. <i>Remote Sensing of Environment</i> , 2021, 261, 112484.	4.6	18
28	Soybeans as a non-Bt refuge for <i>Helicoverpa zea</i> in maize-cotton agroecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2021, 322, 107642.	2.5	8
29	Multivariate spatial prediction of air pollutant concentrations with INLA. <i>Environmental Research Communications</i> , 2021, 3, 101002.	0.9	6
30	Bayesian Nonparametric Policy Search With Application to Periodontal Recall Intervals. <i>Journal of the American Statistical Association</i> , 2020, 115, 1066-1078.	1.8	11
31	Fine-Scale Spatiotemporal Air Pollution Analysis Using Mobile Monitors on Google Street View Vehicles. <i>Journal of the American Statistical Association</i> , 2020, 115, 1111-1124.	1.8	11
32	MIMIX: A Bayesian Mixed-Effects Model for Microbiome Data From Designed Experiments. <i>Journal of the American Statistical Association</i> , 2020, 115, 599-609.	1.8	19
33	A comparison of statistical and machine learning methods for creating national daily maps of ambient PM2.5 concentration. <i>Atmospheric Environment</i> , 2020, 222, 117130.	1.9	44
34	A multivariate spatial skew-t process for joint modeling of extreme precipitation indexes. <i>Environmetrics</i> , 2020, 31, e2602.	0.6	11
35	Global forensic geolocation with deep neural networks. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 909-929.	0.5	9
36	Use of standardized bioinformatics for the analysis of fungal DNA signatures applied to sample provenance. <i>Forensic Science International</i> , 2020, 310, 110250.	1.3	9

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37	Estimating the drivers of species distributions with opportunistic data using mediation analysis. <i>Ecosphere</i> , 2020, 11, e03165.	1.0	3
38	Spatiotemporal signal detection using continuous shrinkage priors. <i>Statistics in Medicine</i> , 2020, 39, 1817-1832.	0.8	1
39	Integrative statistical methods for exposure mixtures and health. <i>Annals of Applied Statistics</i> , 2020, 14, 1945-1963.	0.5	5
40	Algorithms in Diffraction Profile Analysis. , 2020, , 501-539.		0
41	A Spatial Markov Model for Climate Extremes. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 117-126.	0.9	15
42	Complete spatial model calibration. <i>Annals of Applied Statistics</i> , 2019, 13, .	0.5	1
43	A Feed Forward Neural Network Based on Model Output Statistics for Short-Term Hurricane Intensity Prediction. <i>Weather and Forecasting</i> , 2019, 34, 985-997.	0.5	28
44	Guest Editorsâ€™ Introduction to the Special Issue on â€œClimate and the Earth Systemâ€. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2019, 24, 395-397.	0.7	0
45	Conference report: 2018 materials and data science hackathon (MATDAT18). <i>Molecular Systems Design and Engineering</i> , 2019, 4, 462-468.	1.7	2
46	Spatial Signal Detection Using Continuous Shrinkage Priors. <i>Technometrics</i> , 2019, 61, 494-506.	1.3	4
47	Exploration and Inference in Spatial Extremes Using Empirical Basis Functions. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2019, 24, 555-572.	0.7	3
48	Resolving misaligned spatial data with integrated species distribution models. <i>Ecology</i> , 2019, 100, e02709.	1.5	44
49	The recent past and promising future for data integration methods to estimate speciesâ€™ distributions. <i>Methods in Ecology and Evolution</i> , 2019, 10, 22-37.	2.2	148
50	Relationships between urban green land cover and human health at different spatial resolutions. <i>Urban Ecosystems</i> , 2019, 22, 315-324.	1.1	18
51	A Bayesian multivariate functional model with spatially varying coefficient approach for modeling hurricane track data. <i>Spatial Statistics</i> , 2019, 29, 351-365.	0.9	7
52	A Spatio-Temporal Model for Longitudinal Image-on-Image Regression. <i>Statistics in Biosciences</i> , 2019, 11, 22-46.	0.6	4
53	A spatial kernel density method to estimate the diet composition of fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 249-267.	0.7	8
54	A nonparametric spatial test to identify factors that shape a microbiome. <i>Annals of Applied Statistics</i> , 2019, 13, .	0.5	2

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55	Sparse Bayesian Additive Nonparametric Regression with Application to Health Effects of Pesticides Mixtures. <i>Statistica Sinica</i> , 2019, , .	0.2	4
56	A TEST FOR ISOTROPY ON A SPHERE USING SPHERICAL HARMONIC FUNCTIONS. <i>Statistica Sinica</i> , 2019, , .	0.2	1
57	The use of Bayesian inference in the characterization of materials and thin films. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, a209-a209.	0.0	0
58	A Spatio-Temporal Model for Longitudinal Image-on-Image Regression. <i>Statistics in Biosciences</i> , 2019, 11, 22-46.	0.6	2
59	Integrating auxiliary data in optimal spatial design for species distribution modelling. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1626-1637.	2.2	21
60	Spatial regression with an informatively missing covariate: Application to mapping fine particulate matter. <i>Environmetrics</i> , 2018, 29, e2499.	0.6	6
61	A functional data analysis of spatiotemporal trends and variation in fine particulate matter. <i>Atmospheric Environment</i> , 2018, 184, 233-243.	1.9	8
62	Scalar-on-image regression via the soft-thresholded Gaussian process. <i>Biometrika</i> , 2018, 105, 165-184.	1.3	43
63	Impacts of fire smoke plumes on regional air quality, 2006â€”2013. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 319-327.	1.8	46
64	Avian response to shadeâ€”layer restoration in coffee plantations in Puerto Rico. <i>Restoration Ecology</i> , 2018, 26, 1212-1220.	1.4	13
65	Fully Bayesian Spectral Methods for Imaging Data. <i>Biometrics</i> , 2018, 74, 645-652.	0.8	6
66	Bayesian Approaches to Uncertainty Quantification and Structure Refinement from X-Ray Diffraction. <i>Springer Series in Materials Science</i> , 2018, , 81-102.	0.4	0
67	Optimal Treatment Allocations in Space and Time for On-Line Control of an Emerging Infectious Disease. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2018, 67, 743-789.	0.5	20
68	Precision maps for public health. <i>Nature</i> , 2018, 555, 32-33.	13.7	8
69	A non-parametric bootstrapping framework embedded in a toolkit for assessing water quality model performance. <i>Environmental Modelling and Software</i> , 2018, 107, 25-33.	1.9	3
70	The links between agriculture, Anopheles mosquitoes, and malaria risk in children younger than 5 years in the Democratic Republic of the Congo: a population-based, cross-sectional, spatial study. <i>Lancet Planetary Health</i> , The, 2018, 2, e74-e82.	5.1	45
71	Climate change impacts on projections of excess mortality at 2030 using spatially varying ozoneâ€”temperature risk surfaces. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 118-124.	1.8	37
72	Spatiotemporal Modeling of Node Temperatures in Supercomputers. <i>Journal of the American Statistical Association</i> , 2017, 112, 92-108.	1.8	3

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73	A Space-Time Skew- t Model for Threshold Exceedances. <i>Biometrics</i> , 2017, 73, 749-758.	0.8	28
74	A Bayesian mixture model for clustering and selection of feature occurrence rates under mean constraints. <i>Statistical Analysis and Data Mining</i> , 2017, 10, 393-409.	1.4	19
75	Integrating multiple data sources in species distribution modeling: a framework for data fusion*. <i>Ecology</i> , 2017, 98, 840-850.	1.5	183
76	Correlating Local Chemistry and Local Cation Displacements in the Relaxor Ferroelectric PMN. <i>Microscopy and Microanalysis</i> , 2017, 23, 1616-1617.	0.2	0
77	Optimal Seed Deployment Under Climate Change Using Spatial Models: Application to Loblolly Pine in the Southeastern US. <i>Journal of the American Statistical Association</i> , 2017, 112, 909-920.	1.8	6
78	Spatial prediction of crystalline defects observed in molecular dynamic simulations of plastic damage. <i>Journal of Applied Statistics</i> , 2017, 44, 1761-1784.	0.6	0
79	Occupancy and Abundance of Eleutherodactylus Frogs in Coffee Plantations in Puerto Rico. <i>Herpetologica</i> , 2017, 73, 297.	0.2	5
80	A spatial model for rare binary events. <i>Environmental and Ecological Statistics</i> , 2017, 24, 485-504.	1.9	1
81	A Multivariate Dynamic Spatial Factor Model for Speciated Pollutants and Adverse Birth Outcomes. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1046.	1.2	0
82	Occupancy estimation for rare species using a spatially adaptive sampling design. <i>Methods in Ecology and Evolution</i> , 2016, 7, 285-293.	2.2	44
83	A Markov-switching model for heat waves. <i>Annals of Applied Statistics</i> , 2016, 10, .	0.5	11
84	Comment. <i>Journal of the American Statistical Association</i> , 2016, 111, 936-942.	1.8	4
85	Data mining to investigate the meteorological drivers for extreme ground level ozone events. <i>Annals of Applied Statistics</i> , 2016, 10, .	0.5	10
86	A Fused Lasso Approach to Nonstationary Spatial Covariance Estimation. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2016, 21, 569-587.	0.7	10
87	Use of Bayesian Inference in Crystallographic Structure Refinement via Full Diffraction Profile Analysis. <i>Scientific Reports</i> , 2016, 6, 31625.	1.6	20
88	A spatial-temporal double-hurdle model for extremely over-dispersed avian count data. <i>Spatial Statistics</i> , 2016, 18, 263-275.	0.9	9
89	Urban Vegetative Cover Fragmentation in the U.S.. <i>American Journal of Preventive Medicine</i> , 2016, 50, 509-517.	1.6	47
90	Quantile regression for mixed models with an application to examine blood pressure trends in China. <i>Annals of Applied Statistics</i> , 2015, 9, 1226-1246.	0.5	12

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91	Partially Supervised Spatiotemporal Clustering for Burglary Crime Series Identification. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2015, 178, 465-480.	0.6	21
92	A Marginal Cure Rate Proportional Hazards Model for Spatial Survival Data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2015, 64, 673-691.	0.5	6
93	Modeling Climate Change Effects on the Height Growth of Loblolly Pine. <i>Forest Science</i> , 2015, 61, 703-715.	0.5	9
94	Malware Detection Using Nonparametric Bayesian Clustering and Classification Techniques. <i>Technometrics</i> , 2015, 57, 535-546.	1.3	6
95	Multiple window discrete scan statistic for higher-order Markovian sequences. <i>Journal of Applied Statistics</i> , 2015, 42, 1690-1705.	0.6	1
96	Assessment of critical exposure and outcome windows in time-to-event analysis with application to air pollution and preterm birth study. <i>Biostatistics</i> , 2015, 16, 509-521.	0.9	59
97	Multilevel Quantile Function Modeling with Application to Birth Outcomes. <i>Biometrics</i> , 2015, 71, 508-519.	0.8	11
98	Spatial Variable Selection Methods for Investigating Acute Health Effects of Fine Particulate Matter Components. <i>Biometrics</i> , 2015, 71, 167-177.	0.8	19
99	The ecology of microscopic life in household dust. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151139.	1.2	205
100	A Multiresolution Approach to Estimating the Value Added by Regional Climate Models. <i>Journal of Climate</i> , 2015, 28, 8873-8887.	1.2	5
101	False Discovery Control in Large-Scale Spatial Multiple Testing. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2015, 77, 59-83.	1.1	91
102	Estimating Spatially Varying Severity Thresholds of a Forest Fire Danger Rating System Using Max-Stable Extreme-Event Modeling. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 395-407.	0.6	15
103	Fungi Identify the Geographic Origin of Dust Samples. <i>PLoS ONE</i> , 2015, 10, e0122605.	1.1	53
104	Spatial health effects analysis with uncertain residential locations. <i>Statistical Methods in Medical Research</i> , 2014, 23, 156-168.	0.7	3
105	A spectral method for spatial downscaling. <i>Biometrics</i> , 2014, 70, 932-942.	0.8	22
106	Confounder selection via penalized credible regions. <i>Biometrics</i> , 2014, 70, 852-861.	0.8	36
107	A Hierarchical Model for Serially-Dependent Extremes: A Study of Heat Waves in the Western US. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2014, 19, 119-135.	0.7	35
108	Hierarchical dose-response modeling for high-throughput toxicity screening of environmental chemicals. <i>Biometrics</i> , 2014, 70, 237-246.	0.8	19

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109	Estimation and Prediction in Spatial Models With Block Composite Likelihoods. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 295-315.	0.9	83
110	Modeling the effect of temperature on ozone-related mortality. <i>Annals of Applied Statistics</i> , 2014, 8, .	0.5	26
111	A spatial capture-recapture model for territorial species. <i>Environmetrics</i> , 2014, 25, 630-637.	0.6	33
112	Analysis of computationally demanding models with continuous and categorical inputs. <i>Reliability Engineering and System Safety</i> , 2013, 113, 30-41.	5.1	32
113	A Nonparametric Spatial Model for Periodontal Data With Nonrandom Missingness. <i>Journal of the American Statistical Association</i> , 2013, 108, 820-831.	1.8	18
114	A Spatial Time-to-Event Approach for Estimating Associations Between Air Pollution and Preterm Birth. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2013, 62, 167-179.	0.5	17
115	Nonparametric spatial models for extremes: application to extreme temperature data. <i>Extremes</i> , 2013, 16, 75-101.	0.5	45
116	A Bayesian approach to probabilistic streamflow forecasts. <i>Journal of Hydroinformatics</i> , 2013, 15, 381-391.	1.1	9
117	Bridging Conditional and Marginal Inference for Spatially Referenced Binary Data. <i>Biometrics</i> , 2013, 69, 545-554.	0.8	13
118	Bayesian Quantile Regression for Censored Data. <i>Biometrics</i> , 2013, 69, 651-660.	0.8	45
119	Comparing exposure metrics for the effects of fine particulate matter on emergency hospital admissions. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 627-636.	1.8	16
120	Discussion of "Estimating the historical and future probabilities of large terrorist events" by Aaron Clauset and Ryan Woodard. <i>Annals of Applied Statistics</i> , 2013, 7, .	0.5	1
121	Extreme value analysis for evaluating ozone control strategies. <i>Annals of Applied Statistics</i> , 2013, 7, 739-762.	0.5	11
122	Multivariate spatial nonparametric modelling via kernel processes mixing. <i>Statistica Sinica</i> , 2013, 23, .	0.2	8
123	Time-to-Event Analysis of Fine Particle Air Pollution and Preterm Birth: Results From North Carolina, 2001-2005. <i>American Journal of Epidemiology</i> , 2012, 175, 91-98.	1.6	101
124	Consistent High-Dimensional Bayesian Variable Selection via Penalized Credible Regions. <i>Journal of the American Statistical Association</i> , 2012, 107, 1610-1624.	1.8	59
125	A hierarchical max-stable spatial model for extreme precipitation. <i>Annals of Applied Statistics</i> , 2012, 6, 1430-1451.	0.5	108
126	Bayesian spatial extreme value analysis to assess the changing risk of concurrent high temperatures across large portions of European cropland. <i>Environmetrics</i> , 2012, 23, 638-648.	0.6	31

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127	Evaluating temporally weighted kernel density methods for predicting the next event location in a series. <i>Annals of GIS</i> , 2012, 18, 225-240.	1.4	18
128	Bayesian Analysis of a Reduced-Form Air Quality Model. <i>Environmental Science & Technology</i> , 2012, 46, 7604-7611.	4.6	7
129	Variable Selection for High Dimensional Bayesian Density Estimation: Application to Human Exposure Simulation. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2012, 61, 47-66.	0.5	5
130	Functional data analysis of mandibular movement using third-degree b-spline basis functions and self-modeling regression. <i>Orthodontic Waves</i> , 2012, 71, 17-25.	0.2	4
131	Nonparametric Bayesian models for a spatial covariance. <i>Statistical Methodology</i> , 2012, 9, 265-274.	0.5	15
132	Spatiotemporal Quantile Regression for Detecting Distributional Changes in Environmental Processes. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2012, 61, 535-553.	0.5	69
133	Circular conditional autoregressive modeling of vector fields. <i>Environmetrics</i> , 2012, 23, 46-53.	0.6	23
134	Social inequalities in residential exposure to road traffic noise: An environmental justice analysis based on the RECORD Cohort Study. <i>Occupational and Environmental Medicine</i> , 2011, 68, 366-374.	1.3	83
135	A class of covariate-dependent spatiotemporal covariance functions for the analysis of daily ozone concentration. <i>Annals of Applied Statistics</i> , 2011, 5, 2265-2687.	0.5	45
136	A Spatial Dirichlet Process Mixture Model for Clustering Population Genetics Data. <i>Biometrics</i> , 2011, 67, 381-390.	0.8	24
137	Sufficient Dimension Reduction via Bayesian Mixture Modeling. <i>Biometrics</i> , 2011, 67, 886-895.	0.8	19
138	Guest Editorsâ€™ Introduction to the Special Issue on “Computer Models and Spatial Statistics for Environmental Science”. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2011, 16, 451-452.	0.7	0
139	A spatial beta-binomial model for clustered count data on dental caries. <i>Statistical Methods in Medical Research</i> , 2011, 20, 85-102.	0.7	10
140	Bayesian Spatial Quantile Regression. <i>Journal of the American Statistical Association</i> , 2011, 106, 6-20.	1.8	155
141	Bayesian geostatistical modelling with informative sampling locations. <i>Biometrika</i> , 2011, 98, 35-48.	1.3	69
142	Surface estimation, variable selection, and the nonparametric oracle property. <i>Statistica Sinica</i> , 2011, 21, 679.	0.2	83
143	A latent factor model for spatial data with informative missingness. <i>Annals of Applied Statistics</i> , 2010, 4, 439-459.	0.5	28
144	Development of a novel statistical model for mandibular kinematics. <i>Medical Engineering and Physics</i> , 2010, 32, 423-428.	0.8	1

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145	Bayesian Variable Selection for Multivariate Spatially Varying Coefficient Regression. <i>Biometrics</i> , 2010, 66, 772-782.	0.8	18
146	Noncrossing quantile regression curve estimation. <i>Biometrika</i> , 2010, 97, 825-838.	1.3	208
147	Flexible Bayesian quantile regression for independent and clustered data. <i>Biostatistics</i> , 2010, 11, 337-352.	0.9	108
148	Adding Spatially-Correlated Errors Can Mess Up the Fixed Effect You Love. <i>American Statistician</i> , 2010, 64, 325-334.	0.9	302
149	A Locally Adaptive Penalty for Estimation of Functions With Varying Roughness. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 569-589.	0.9	16
150	Spectral Domain. <i>Chapman & Hall/CRC Interdisciplinary Statistics Series</i> , 2010, , 57-77.	0.4	8
151	Analysis of the effects of ultrafine particulate matter while accounting for human exposure. <i>Environmetrics</i> , 2009, 20, 131-146.	0.6	29
152	Bayesian modeling of multivariate spatial binary data with applications to dental caries. <i>Statistics in Medicine</i> , 2009, 28, 3492-3508.	0.8	16
153	Simultaneous Factor Selection and Collapsing Levels in ANOVA. <i>Biometrics</i> , 2009, 65, 169-177.	0.8	60
154	Spatial-temporal association between fine particulate matter and daily mortality. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 2989-3000.	0.7	40
155	Multivariate Spatial-Temporal Modeling and Prediction of Speciated Fine Particles. <i>Journal of Statistical Theory and Practice</i> , 2009, 3, 407-418.	0.3	22
156	Variable Selection in Bayesian Smoothing Spline ANOVA Models: Application to Deterministic Computer Codes. <i>Technometrics</i> , 2009, 51, 110-120.	1.3	59
157	Identification of the variance components in the general two-variance linear model. <i>Journal of Statistical Planning and Inference</i> , 2008, 138, 1592-1604.	0.4	7
158	Simultaneous Regression Shrinkage, Variable Selection, and Supervised Clustering of Predictors with OSCAR. <i>Biometrics</i> , 2008, 64, 115-123.	0.8	289
159	Modeling Longitudinal Spatial Periodontal Data: A Spatially Adaptive Model with Tools for Specifying Priors and Checking Fit. <i>Biometrics</i> , 2008, 64, 790-799.	0.8	21
160	Spatial-temporal mesoscale modeling of rainfall intensity using gage and radar data. <i>Annals of Applied Statistics</i> , 2008, 2, .	0.5	29
161	Spatial Analyses of Periodontal Data Using Conditionally Autoregressive Priors Having Two Classes of Neighbor Relations. <i>Journal of the American Statistical Association</i> , 2007, 102, 44-55.	1.8	32
162	A multivariate semiparametric Bayesian spatial modeling framework for hurricane surface wind fields. <i>Annals of Applied Statistics</i> , 2007, 1, 249.	0.5	90

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163	Effects of Residual Smoothing on the Posterior of the Fixed Effects in Disease-Mapping Models. <i>Biometrics</i> , 2006, 62, 1197-1206.	0.8	204
164	A Spatial Analysis of Basketball Shot Chart Data. <i>American Statistician</i> , 2006, 60, 3-12.	0.9	37
165	Characteristics of cigarette smokers seeking treatment for cessation versus reduction. <i>Addictive Behaviors</i> , 2004, 29, 357-364.	1.7	18
166	Energy intake and physical activity during short-term smoking cessation in postmenopausal women. <i>Addictive Behaviors</i> , 2004, 29, 947-951.	1.7	17