

# Marc Genton

## List of Publications by Year in descending order

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216  
papers

7,654  
citations

76031

42  
h-index

78623

77  
g-index

222  
all docs

222  
docs citations

222  
times ranked

4928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-Temporal Cross-Covariance Functions under the Lagrangian Framework with Multiple Advections. <i>Journal of the American Statistical Association</i> , 2023, 118, 2746-2761.	1.8	0
2	Validation of CMIP5 multimodel ensembles through the smoothness of climate variables. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 67, 23880.	0.8	4
3	Accelerating Geostatistical Modeling and Prediction With Mixed-Precision Computations: A High-Productivity Approach With PaRSEC. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022, 33, 964-976.	4.0	14
4	Forecasting High-Frequency Spatio-Temporal Wind Power with Dimensionally Reduced Echo State Networks. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2022, 71, 449-466.	0.5	9
5	<b>&lt;b&gt;tlrmvnmvt&lt;/b&gt;</b> : Computing High-Dimensional Multivariate Normal and Student- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Probabilities with Low-Rank Methods in} \langle \text{i} \rangle \text{R} \langle \text{i} \rangle$ . <i>Journal of Statistical Software</i> , 2022, 101, .	1.8	1
6	Scalable Computation of Predictive Probabilities in Probit Models with Gaussian Process Priors. <i>Journal of Computational and Graphical Statistics</i> , 2022, 31, 709-720.	0.9	4
7	Modeling the Convective Boundary Layer in the Terra Incognita: Evaluation of Different Strategies with Real-Case Simulations. <i>Monthly Weather Review</i> , 2022, 150, 981-1001.	0.5	3
8	Sparse Functional Boxplots for Multivariate Curves. <i>Journal of Computational and Graphical Statistics</i> , 2022, 31, 976-989.	0.9	2
9	Parallel Approximations of the Tukey g-and-h Likelihoods and Predictions for Non-Gaussian Geostatistics. , 2022, , .		0
10	Parallel space-time likelihood optimization for air pollution prediction on large-scale systems. , 2022, , .		4
11	Nonparametric trend estimation in functional time series with application to annual mortality rates. <i>Biometrics</i> , 2021, 77, 866-878.	0.8	3
12	Robust functional multivariate analysis of variance with environmental applications. <i>Environmetrics</i> , 2021, 32, .	0.6	8
13	Space-Time Covariance Structures and Models. <i>Annual Review of Statistics and Its Application</i> , 2021, 8, 191-215.	4.1	24
14	Assessing the risk of disruption of wind turbine operations in Saudi Arabia using Bayesian spatial extremes. <i>Extremes</i> , 2021, 24, 267-292.	0.5	5
15	Improving Bayesian Local Spatial Models in Large Datasets. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 349-359.	0.9	3
16	Exploiting low-rank covariance structures for computing high-dimensional normal and Student-t probabilities. <i>Statistics and Computing</i> , 2021, 31, 1.	0.8	3
17	Cyclostationary Processes With Evolving Periods and Amplitudes. <i>IEEE Transactions on Signal Processing</i> , 2021, 69, 1579-1590.	3.2	9
18	Lagrangian Spatio-Temporal Nonstationary Covariance Functions. , 2021, , 427-447.		2

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19	Vector Autoregressive Models with Spatially Structured Coefficients for Time Series on a Spatial Grid. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2021, 26, 387-408.	0.7	2
20	Conditional normal extreme-value copulas. <i>Extremes</i> , 2021, 24, 403-431.	0.5	0
21	Sum of Kronecker products representation and its Cholesky factorization for spatial covariance matrices from large grids. <i>Computational Statistics and Data Analysis</i> , 2021, 157, 107165.	0.7	1
22	Efficiency assessment of approximated spatial predictions for large datasets. <i>Spatial Statistics</i> , 2021, 43, 100517.	0.9	8
23	Competition on Spatial Statistics for Large Datasets. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2021, 26, 580-595.	0.7	14
24	A cyclostationary model for temporal forecasting and simulation of solar global horizontal irradiance. <i>Environmetrics</i> , 2021, 32, e2700.	0.6	3
25	An $O(N)$ algorithm for computing expectation of $N$ -dimensional truncated multi-variate normal distribution I: fundamentals. <i>Advances in Computational Mathematics</i> , 2021, 47, 1.	0.8	1
26	A temporal model for vertical extrapolation of wind speed and wind energy assessment. <i>Applied Energy</i> , 2021, 301, 117378.	5.1	20
27	High Performance Multivariate Geospatial Statistics on Manycore Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, 32, 2719-2733.	4.0	8
28	Assessing the reliability of wind power operations under a changing climate with a non-Gaussian bias correction. <i>Annals of Applied Statistics</i> , 2021, 15, .	0.5	5
29	HLIBCov: Parallel hierarchical matrix approximation of large covariance matrices and likelihoods with applications in parameter identification. <i>MethodsX</i> , 2020, 7, 100600.	0.7	9
30	Bayesian Model Averaging Over Tree-based Dependence Structures for Multivariate Extremes. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 174-190.	0.9	13
31	Multivariate transformed Gaussian processes. <i>Japanese Journal of Statistics and Data Science</i> , 2020, 3, 129-152.	0.7	8
32	On the Stationary Marginal Distributions of Subclasses of Multivariate Setar Processes of Order One. <i>Journal of Time Series Analysis</i> , 2020, 41, 406-420.	0.7	3
33	A hierarchical bi-resolution spatial skew- $t$ model. <i>Spatial Statistics</i> , 2020, 35, 100398.	0.9	9
34	A high-resolution bilevel skew- $t$ stochastic generator for assessing Saudi Arabia's wind energy resources. <i>Environmetrics</i> , 2020, 31, e2628.	0.6	10
35	Closing the gap between wind energy targets and implementation for emerging countries. <i>Applied Energy</i> , 2020, 269, 115085.	5.1	23
36	Spatial blind source separation. <i>Biometrika</i> , 2020, 107, 627-646.	1.3	17

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37	Nonstationary cross-covariance functions for multivariate spatio-temporal random fields. <i>Spatial Statistics</i> , 2020, 37, 100411.	0.9	17
38	Functional outlier detection and taxonomy by sequential transformations. <i>Computational Statistics and Data Analysis</i> , 2020, 149, 106960.	0.7	23
39	Trajectory functional boxplots. <i>Stat</i> , 2020, 9, e289.	0.3	5
40	Recent developments in complex and spatially correlated functional data. <i>Brazilian Journal of Probability and Statistics</i> , 2020, 34, .	0.1	16
41	Estimating the mean and variance from the five-number summary of a log-normal distribution. <i>Statistics and Its Interface</i> , 2020, 13, 519-531.	0.2	6
42	Rejoinder to the discussion on A high-resolution bilevel skewed stochastic generator for assessing Saudi Arabia's wind energy resources. <i>Environmetrics</i> , 2020, 31, .	0.6	1
43	Spatiotemporal probabilistic wind vector forecasting over Saudi Arabia. <i>Annals of Applied Statistics</i> , 2020, 14, .	0.5	2
44	Hierarchical-block conditioning approximations for high-dimensional multivariate normal probabilities. <i>Statistics and Computing</i> , 2019, 29, 585-598.	0.8	12
45	Directional outlyingness for multivariate functional data. <i>Computational Statistics and Data Analysis</i> , 2019, 131, 50-65.	0.7	46
46	Non-Gaussian autoregressive processes with Tukey $h$ transformations. <i>Environmetrics</i> , 2019, 30, e2503.	0.6	17
47	Robust depth-based estimation of the functional autoregressive model. <i>Computational Statistics and Data Analysis</i> , 2019, 131, 66-79.	0.7	12
48	Bayesian Modeling of Air Pollution Extremes Using Nested Multivariate Max-Stable Processes. <i>Biometrics</i> , 2019, 75, 831-841.	0.8	19
49	Parametric variogram matrices incorporating both bounded and unbounded functions. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 1669-1679.	1.9	5
50	Full likelihood inference for max-stable data. <i>Stat</i> , 2019, 8, e218.	0.3	26
51	Visualizing spatiotemporal models with virtual reality: from fully immersive environments to applications in stereoscopic view. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2019, 182, 379-387.	0.6	7
52	The Tukey $g$ -and- $h$ Distribution. <i>Significance</i> , 2019, 16, 12-13.	0.3	5
53	Interpolation of the Mean Anomalies for Cloud Filling in Land Surface Temperature and Normalized Difference Vegetation Index. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 6068-6078.	2.7	17
54	Likelihood approximation with hierarchical matrices for large spatial datasets. <i>Computational Statistics and Data Analysis</i> , 2019, 137, 115-132.	0.7	22

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55	A Non-Gaussian Spatio-Temporal Model for Daily Wind Speeds Based on a Multivariate Skew Distribution. <i>Journal of Time Series Analysis</i> , 2019, 40, 312-326.	0.7	24
56	Comments on: Data science, big data and statistics. <i>Test</i> , 2019, 28, 338-341.	0.7	1
57	Geostatistical Modeling and Prediction Using Mixed Precision Tile Cholesky Factorization. , 2019, , .		12
58	A point process analysis of cloud-to-ground lightning strikes in urban and rural Oklahoma areas. <i>Environmetrics</i> , 2019, 30, e2535.	0.6	1
59	Diagonal Likelihood Ratio Test for Equality of Mean Vectors in High-Dimensional Data. <i>Biometrics</i> , 2019, 75, 256-267.	0.8	11
60	A copula model for non-Gaussian multivariate spatial data. <i>Journal of Multivariate Analysis</i> , 2019, 169, 264-277.	0.5	15
61	A Stochastic Generator of Global Monthly Wind Energy with Tukey g-and-h Autoregressive Processes. <i>Statistica Sinica</i> , 2019, , .	0.2	8
62	Scale and shape mixtures of multivariate skew-normal distributions. <i>Journal of Multivariate Analysis</i> , 2018, 166, 98-110.	0.5	38
63	Principles for statistical inference on big spatio-temporal data from climate models. <i>Statistics and Probability Letters</i> , 2018, 136, 92-96.	0.4	20
64	A Scalable Multi-Resolution Spatio-Temporal Model for Brain Activation and Connectivity in Fmri Data. <i>Biometrics</i> , 2018, 74, 823-833.	0.8	18
65	Linear factor copula models and their properties. <i>Scandinavian Journal of Statistics</i> , 2018, 45, 861-878.	0.9	5
66	Factor Copula Models for Replicated Spatial Data. <i>Journal of the American Statistical Association</i> , 2018, 113, 467-479.	1.8	49
67	Gaussian likelihood inference on data from trans-Gaussian random fields with Matérn covariance function. <i>Environmetrics</i> , 2018, 29, e2458.	0.6	5
68	Extreme-value limit of the convolution of exponential and multivariate normal distributions: Link to the Weibull distribution. <i>Journal of Multivariate Analysis</i> , 2018, 163, 80-95.	0.5	3
69	Hierarchical Decompositions for the Computation of High-Dimensional Multivariate Normal Probabilities. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 268-277.	0.9	21
70	Reducing storage of global wind ensembles with stochastic generators. <i>Annals of Applied Statistics</i> , 2018, 12, .	0.5	24
71	Functional boxplots for multivariate curves. <i>Stat</i> , 2018, 7, .	0.3	10
72	Parallel Approximation of the Maximum Likelihood Estimation for the Prediction of Large-Scale Geostatistics Simulations. , 2018, , .		16

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73	Multivariate Functional Data Visualization and Outlier Detection. Journal of Computational and Graphical Statistics, 2018, 27, 923-934.	0.9	43
74	ExaGeoStat: A High Performance Unified Software for Geostatistics on Manycore Systems. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2771-2784.	4.0	44
75	Current and Future Estimates of Wind Energy Potential Over Saudi Arabia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6443-6459.	1.2	32
76	A comparison of dependence function estimators in multivariate extremes. Statistics and Computing, 2018, 28, 525-538.	0.8	10
77	An Outlyingness Matrix for Multivariate Functional Data Classification. Statistica Sinica, 2018, , .	0.2	1
78	Depth-weighted robust multivariate regression with application to sparse data. Canadian Journal of Statistics, 2017, 45, 164-184.	0.6	4
79	A note on inconsistent families of discrete multivariate distributions. Journal of Statistical Distributions and Applications, 2017, 4, .	1.2	1
80	Comments on: Spatiotemporal models for skewed processes. Environmetrics, 2017, 28, e2430.	0.6	3
81	Spherical Process Models for Global Spatial Statistics. Statistical Science, 2017, 32, 501-513.	1.6	38
82	Factor copula models for data with spatio-temporal dependence. Spatial Statistics, 2017, 22, 180-195.	0.9	23
83	Tukey <i>g</i> - and <i>h</i> - Random Fields. Journal of the American Statistical Association, 2017, 112, 1236-1249.	1.8	68
84	Bayesian linear regression with skew-symmetric error distributions with applications to survival analysis. Statistics in Medicine, 2016, 35, 2441-2454.	0.8	18
85	Robust Inference in Sample Selection Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 805-827.	1.1	18
86	Short-term spatio-temporal wind power forecast in robust look-ahead power system dispatch. , 2016, , .		3
87	Compressing an Ensemble With Statistical Models: An Algorithm for Global 3D Spatio-Temporal Temperature. Technometrics, 2016, 58, 319-328.	1.3	39
88	Tukey max-stable processes for spatial extremes. Spatial Statistics, 2016, 18, 431-443.	0.9	11
89	Testing Self-Similarity Through Lamperti Transformations. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 426-447.	0.7	5
90	A tilting approach to ranking influence. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 77-97.	1.1	5

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91	Matrix techniques for approximating large covariance matrices and estimating its parameters. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 731-732.	0.2	0
92	Population structure of a whale shark <i>Rhincodon typus</i> aggregation in the Red Sea. Journal of Fish Biology, 2016, 89, 1570-1582.	0.7	32
93	Multi-level restricted maximum likelihood covariance estimation and kriging for large non-gridded spatial datasets. Spatial Statistics, 2016, 18, 105-124.	0.9	11
94	High-Order Composite Likelihood Inference for Max-Stable Distributions and Processes. Journal of Computational and Graphical Statistics, 2016, 25, 1212-1229.	0.9	58
95	Forecasting Uncertainty in Electricity Smart Meter Data by Boosting Additive Quantile Regression. IEEE Transactions on Smart Grid, 2016, 7, 2448-2455.	6.2	140
96	Non-Stationary Dependence Structures for Spatial Extremes. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 470-491.	0.7	43
97	Skewed factor models using selection mechanisms. Journal of Multivariate Analysis, 2016, 145, 162-177.	0.5	7
98	On nomenclature for, and the relative merits of, two formulations of skew distributions. Statistics and Probability Letters, 2016, 110, 201-206.	0.4	35
99	Likelihood estimators for multivariate extremes. Extremes, 2016, 19, 79-103.	0.5	42
100	Shrinkage-based diagonal Hotelling's tests for high-dimensional small sample size data. Journal of Multivariate Analysis, 2016, 143, 127-142.	0.5	22
101	Spatio-Temporal Covariance and Cross-Covariance Functions of the Great Circle Distance on a Sphere. Journal of the American Statistical Association, 2016, 111, 888-898.	1.8	115
102	Global effects of moon phase on nocturnal acoustic scattering layers. Marine Ecology - Progress Series, 2016, 544, 65-75.	0.9	30
103	Cross-Covariance Functions for Multivariate Geostatistics. Statistical Science, 2015, 30, .	1.6	183
104	Evaluating the impacts of climate change on diurnal wind power cycles using multiple regional climate models. Environmetrics, 2015, 26, 192-201.	0.6	9
105	An exploratory data analysis of electroencephalograms using the functional boxplots approach. Frontiers in Neuroscience, 2015, 9, 282.	1.4	11
106	Multivariate localization methods for ensemble Kalman filtering. Nonlinear Processes in Geophysics, 2015, 22, 723-735.	0.6	4
107	A kernel plus method for quantifying wind turbine performance upgrades. Wind Energy, 2015, 18, 1207-1219.	1.9	54
108	Analysing earthquake slip models with the spatial prediction comparison test. Geophysical Journal International, 2015, 200, 185-198.	1.0	15

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109	A Matérn model of the spatial covariance structure of point rain rates. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 411-416.	1.9	12
110	Comments on: Comparing and selecting spatial predictors using local criteria. <i>Test</i> , 2015, 24, 31-34.	0.7	0
111	Efficient maximum approximated likelihood inference for Tübeys' $g$ -and- $h$ distribution. <i>Computational Statistics and Data Analysis</i> , 2015, 91, 78-91.	0.7	19
112	In vitro structure-toxicity relationship of chalcones in human hepatic stellate cells. <i>Toxicology</i> , 2015, 336, 26-33.	2.0	19
113	Power Curve Estimation With Multivariate Environmental Factors for Inland and Offshore Wind Farms. <i>Journal of the American Statistical Association</i> , 2015, 110, 56-67.	1.8	76
114	Visuanimation in statistics. <i>Stat</i> , 2015, 4, 81-96.	0.3	22
115	Discussion of "Multivariate functional outlier detection" by Mia Hubert, Peter Rousseeuw and Pieter Segaert. <i>Statistical Methods and Applications</i> , 2015, 24, 245-251.	0.7	0
116	Quantifying variability in earthquake rupture models using multidimensional scaling: application to the 2011 Tohoku earthquake. <i>Geophysical Journal International</i> , 2015, 202, 17-40.	1.0	21
117	Multivariate max-stable spatial processes. <i>Biometrika</i> , 2015, 102, 215-230.	1.3	25
118	Interpolation of daily rainfall using spatiotemporal models and clustering. <i>International Journal of Climatology</i> , 2015, 35, 1453-1464.	1.5	15
119	An adaptive spatial model for precipitation data from multiple satellites over large regions. <i>Statistics and Computing</i> , 2015, 25, 389-405.	0.8	3
120	A Monte Carlo-Adjusted Goodness-of-Fit Test for Parametric Models Describing Spatial Point Patterns. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 497-517.	0.9	14
121	Beyond axial symmetry: An improved class of models for global data. <i>Stat</i> , 2014, 3, 48-55.	0.3	28
122	Surface boxplots. <i>Stat</i> , 2014, 3, 1-11.	0.3	41
123	Space-time wind speed forecasting for improved power system dispatch. <i>Test</i> , 2014, 23, 1-25.	0.7	32
124	Rejoinder on: Space-time wind speed forecasting for improved power system dispatch. <i>Test</i> , 2014, 23, 45-50.	0.7	3
125	Short-Term Spatio-Temporal Wind Power Forecast in Robust Look-ahead Power System Dispatch. <i>IEEE Transactions on Smart Grid</i> , 2014, 5, 511-520.	6.2	186
126	A non-Gaussian multivariate distribution with all lower-dimensional Gaussians and related families. <i>Journal of Multivariate Analysis</i> , 2014, 132, 82-93.	0.5	15



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127	Simplicial band depth for multivariate functional data. <i>Advances in Data Analysis and Classification</i> , 2014, 8, 321-338.	0.9	59
128	Tapered composite likelihood for spatial max-stable models. <i>Spatial Statistics</i> , 2014, 8, 86-103.	0.9	24
129	Mixtures of skewed Kalman filters. <i>Journal of Multivariate Analysis</i> , 2014, 123, 228-251.	0.5	13
130	Incorporating geostrophic wind information for improved space-time short-term wind speed forecasting. <i>Annals of Applied Statistics</i> , 2014, 8, .	0.5	14
131	A Bayesian spatio-temporal geostatistical model with an auxiliary lattice for large datasets. <i>Statistica Sinica</i> , 2014, , .	0.2	6
132	Shannon Entropy and Mutual Information for Multivariate Skew-Elliptical Distributions. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 42-62.	0.9	65
133	Objective Bayesian Analysis of Skew- $t$ Distributions. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 63-85.	0.9	16
134	On Kolmogorov asymptotics of estimators of the misclassification error rate in linear discriminant analysis. <i>Sankhya A</i> , 2013, 75, 300-326.	0.4	1
135	Improved nonparametric inference for multiple correlated periodic sequences. <i>Stat</i> , 2013, 2, 197-210.	0.3	1
136	Nonparametric Identification of Copula Structures. <i>Journal of the American Statistical Association</i> , 2013, 108, 666-675.	1.8	18
137	Semiparametric Efficient and Robust Estimation of an Unknown Symmetric Population Under Arbitrary Sample Selection Bias. <i>Journal of the American Statistical Association</i> , 2013, 108, 1090-1104.	1.8	5
138	Measuring the Discrepancy of a Parametric Model via Local Polynomial Smoothing. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 455-470.	0.9	1
139	Observation Quality Control with a Robust Ensemble Kalman Filter. <i>Monthly Weather Review</i> , 2013, 141, 4414-4428.	0.5	18
140	Spatially varying cross-correlation coefficients in the presence of nugget effects. <i>Biometrika</i> , 2013, 100, 213-220.	1.3	15
141	Characteristic Function-based Semiparametric Inference for Skew-Symmetric Models. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 471-490.	0.9	11
142	A Valid Matrix Class of Cross-Covariance Functions for Multivariate Random Fields With Any Number of Components. <i>Journal of the American Statistical Association</i> , 2012, 107, 180-193.	1.8	93
143	Nonparametric Inference for Periodic Sequences. <i>Technometrics</i> , 2012, 54, 83-96.	1.3	11
144	Exact fast computation of band depth for large functional datasets: How quickly can one million curves be ranked?. <i>Stat</i> , 2012, 1, 68-74.	0.3	39

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145	A Non-Gaussian Spatial Generalized Linear Latent Variable Model. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2012, 17, 332-353.	0.7	3
146	Functional Median Polish. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2012, 17, 354-376.	0.7	17
147	A Heckman Selection Model. <i>Journal of the American Statistical Association</i> , 2012, 107, 304-317.	1.8	73
148	On the robustness of two-stage estimators. <i>Statistics and Probability Letters</i> , 2012, 82, 726-732.	0.4	9
149	Semiparametric location estimation under non-random sampling. <i>Stat</i> , 2012, 1, 1-11.	0.3	4
150	Statistical significance of trends in monthly heavy precipitation over the US. <i>Climate Dynamics</i> , 2012, 38, 1375-1387.	1.7	10
151	Short-Term Wind Speed Forecasting for Power System Operations. <i>International Statistical Review</i> , 2012, 80, 2-23.	1.1	122
152	Generalized Linear Latent Variable Models with Flexible Distribution of Latent Variables. <i>Scandinavian Journal of Statistics</i> , 2012, 39, 663-680.	0.9	7
153	Adjusted functional boxplots for spatio-temporal data visualization and outlier detection. <i>Environmetrics</i> , 2012, 23, 54-64.	0.6	70
154	Geostatistics for Large Datasets. <i>Lecture Notes in Statistics</i> , 2012, , 55-77.	0.1	66
155	Variogram estimation in the presence of trend. <i>Statistics and Its Interface</i> , 2012, 5, 159-168.	0.2	9
156	A test for stationarity of spatio-temporal random fields on planar and spherical domains. <i>Statistica Sinica</i> , 2012, , .	0.2	7
157	Semiparametric location estimation under non-random sampling. <i>Stat</i> , 2012, , 1-11.	0.3	0
158	Functional Boxplots. <i>Journal of Computational and Graphical Statistics</i> , 2011, 20, 316-334.	0.9	317
159	Power system economic dispatch with spatio-temporal wind forecasts. , 2011, , .		16
160	Asymptotic properties of sample quantiles of discrete distributions. <i>Annals of the Institute of Statistical Mathematics</i> , 2011, 63, 227-243.	0.5	37
161	Characteristic functions of scale mixtures of multivariate skew-normal distributions. <i>Journal of Multivariate Analysis</i> , 2011, 102, 1105-1117.	0.5	36
162	Comparing Spatial Predictions. <i>Technometrics</i> , 2011, 53, 414-425.	1.3	44

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163	Aggregation-cokriging for highly multivariate spatial data. <i>Biometrika</i> , 2011, 98, 615-631.	1.3	22
164	A Statistical Investigation of the Sensitivity of Ensemble-Based Kalman Filters to Covariance Filtering. <i>Monthly Weather Review</i> , 2011, 139, 3036-3051.	0.5	15
165	Correlation Models for Temperature Fields. <i>Journal of Climate</i> , 2011, 24, 5850-5862.	1.2	61
166	Multivariate log-skew-elliptical distributions with applications to precipitation data. <i>Environmetrics</i> , 2010, 21, 318-340.	0.6	49
167	An invariance property of quadratic forms in random vectors with a selection distribution, with application to sample variogram and covariogram estimators. <i>Annals of the Institute of Statistical Mathematics</i> , 2010, 62, 363-381.	0.5	17
168	Explicit Estimating Equations for Semiparametric Generalized Linear Latent Variable Models. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2010, 72, 475-495.	1.1	16
169	A Suite of Commands for Fitting the Skew-normal and Skew-t models. <i>The Stata Journal</i> , 2010, 10, 507-539.	0.9	15
170	Visualizing Influential Observations in Dependent Data. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 808-825.	0.9	12
171	Perturbation of Numerical Confidential Data via Skew- $t$ Distributions. <i>Management Science</i> , 2010, 56, 318-333.	2.4	22
172	Powering Up With Space-Time Wind Forecasting. <i>Journal of the American Statistical Association</i> , 2010, 105, 92-104.	1.8	184
173	Multivariate extended skew- $t$ distributions and related families. <i>Metron</i> , 2010, 68, 201-234.	0.6	79
174	Invariance-based estimating equations for skew-symmetric distributions. <i>Metron</i> , 2010, 68, 275-298.	0.6	14
175	Local Polynomial Quantile Regression With Parametric Features. <i>Journal of the American Statistical Association</i> , 2009, 104, 1416-1429.	1.8	15
176	Statistical Tests of Taylor's Hypothesis: An Application to Precipitation Fields. <i>Journal of Hydrometeorology</i> , 2009, 10, 254-265.	0.7	22
177	Shape mixtures of multivariate skew-normal distributions. <i>Journal of Multivariate Analysis</i> , 2009, 100, 91-101.	0.5	30
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