Marc Genton

List of Publications by Year
in descending order

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Version: 2024-02-01

216 papers	7,654 citations	66343 42 h-index	69250 77 g-index
222 all docs	222 docs citations	222 times ranked	4327 citing authors

#	Article	IF	Citations
1	Covariance Tapering for Interpolation of Large Spatial Datasets. Journal of Computational and Graphical Statistics, 2006, 15, 502-523.	1.7	489
2	Functional Boxplots. Journal of Computational and Graphical Statistics, 2011, 20, 316-334.	1.7	317
3	On fundamental skew distributions. Journal of Multivariate Analysis, 2005, 96, 93-116.	1.0	273
4	Calibrated Probabilistic Forecasting at the Stateline Wind Energy Center. Journal of the American Statistical Association, 2006, 101, 968-979.	3.1	251
5	Short-Term Spatio-Temporal Wind Power Forecast in Robust Look-ahead Power System Dispatch. IEEE Transactions on Smart Grid, 2014, 5, 511-520.	9.0	186
6	Powering Up With Space-Time Wind Forecasting. Journal of the American Statistical Association, 2010, 105, 92-104.	3.1	184
7	Cross-Covariance Functions for Multivariate Geostatistics. Statistical Science, 2015, 30, .	2.8	183
8	Robust Likelihood Methods Based on the Skew-t and Related Distributions. International Statistical Review, 2008, 76, 106-129.	1.9	182
9	Highly Robust Variogram Estimation. Mathematical Geosciences, 1998, 30, 213-221.	0.9	167
10	A unified view on skewed distributions arising from selections. Canadian Journal of Statistics, 2006, 34, 581-601.	0.9	158
11	Forecasting Uncertainty in Electricity Smart Meter Data by Boosting Additive Quantile Regression. IEEE Transactions on Smart Grid, 2016, 7, 2448-2455.	9.0	140
12	Generalized skew-elliptical distributions and their quadratic forms. Annals of the Institute of Statistical Mathematics, 2005, 57, 389-401.	0.8	137
13	Moments of skew-normal random vectors and their quadratic forms. Statistics and Probability Letters, 2001, 51, 319-325.	0.7	130
14	The multivariate skew-slash distribution. Journal of Statistical Planning and Inference, 2006, 136, 209-220.	0.6	130
15	Flexible Class of Skew-Symmetric Distributions. Scandinavian Journal of Statistics, 2004, 31, 459-468.	1.4	125
16	Separable approximations of space-time covariance matrices. Environmetrics, 2007, 18, 681-695.	1.4	125
17	ShortâEŤerm Wind Speed Forecasting for Power System Operations. International Statistical Review, 2012, 80, 2-23.	1.9	122
18	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.	3.1	115

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19	Geostatistical Space-Time Models, Stationarity, Separability, and Full Symmetry. Monographs on Statistics and Applied Probability, 2006, , 151-175.	0.3	98
20	A Valid MatÃ©rn Class of Cross-Covariance Functions for Multivariate Random Fields With Any Number of Components. Journal of the American Statistical Association, 2012, 107, 180-193.	3.1	93
21	Highly Robust Estimation of the Autocovariance Function. Journal of Time Series Analysis, 2000, 21, 663-684.	1.2	83
22	Comprehensive definitions of breakdown points for independent and dependent observations. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2003, 65, 81-94.	2.2	82
23	Multivariate extended skew-t distributions and related families. Metron, 2010, 68, 201-234.	1.2	79
24	Power Curve Estimation With Multivariate Environmental Factors for Inland and Offshore WindÂFarms. Journal of the American Statistical Association, 2015, 110, 56-67.	3.1	76
25	A Heckman Selection-tModel. Journal of the American Statistical Association, 2012, 107, 304-317.	3.1	73
26	Title is missing!. Mathematical Geosciences, 1998, 30, 323-345.	0.9	70
27	Adjusted functional boxplots for spatioâ€temporal data visualization and outlier detection. Environmetrics, 2012, 23, 54-64.	1.4	70
28	Tukey g-and-h Random Fields. Journal of the American Statistical Association, 2017, 112, 1236-1249.	3.1	68
29	Testing for separability of space-time covariances. Environmetrics, 2005, 16, 819-831.	1.4	66
30	Geostatistics for Large Datasets. Lecture Notes in Statistics, 2012, , 55-77.	0.2	66
31	Shannon Entropy and Mutual Information for Multivariate Skewâ€Elliptical Distributions. Scandinavian Journal of Statistics, 2013, 40, 42-62.	1.4	65
32	Robust Indirect Inference. Journal of the American Statistical Association, 2003, 98, 67-76.	3.1	63
33	Modeling spatio-temporal wildfire ignition point patterns. Environmental and Ecological Statistics, 2009, 16, 225-250.	3.5	62
34	Correlation Models for Temperature Fields. Journal of Climate, 2011, 24, 5850-5862.	3.2	61
35	Simplicial band depth for multivariate functional data. Advances in Data Analysis and Classification, 2014, 8, 321-338.	1.4	59
36	The Multivariateg-and-hDistribution. Technometrics, 2006, 48, 104-111.	1.9	58

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37	High-Order Composite Likelihood Inference for Max-Stable Distributions and Processes. Journal of Computational and Graphical Statistics, 2016, 25, 1212-1229.	1.7	58
38	A Nonparametric Assessment of Properties of Spaceâ€“Time Covariance Functions. Journal of the American Statistical Association, 2007, 102, 736-744.	3.1	57
39	On the exact distribution of the maximum of absolutely continuous dependent random variables. Statistics and Probability Letters, 2008, 78, 27-35.	0.7	55
40	A kernel plus method for quantifying wind turbine performance upgrades. Wind Energy, 2015, 18, 1207-1219.	4.2	54
41	Multivariate logâ€skewâ€elliptical distributions with applications to precipitation data. Environmetrics, 2010, 21, 318-340.	1.4	49
42	Factor Copula Models for Replicated Spatial Data. Journal of the American Statistical Association, 2018, 113, 467-479.	3.1	49
43	Directional outlyingness for multivariate functional data. Computational Statistics and Data Analysis, 2019, 131, 50-65.	1.2	46
44	On the exact distribution of linear combinations of order statistics from dependent random variables. Journal of Multivariate Analysis, 2007, 98, 1876-1894.	1.0	45
45	Comparing Spatial Predictions. Technometrics, 2011, 53, 414-425.	1.9	44
46	ExaGeoStat: A High Performance Unified Software for Geostatistics on Manycore Systems. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2771-2784.	5.6	44
47	Non-Stationary Dependence Structures for Spatial Extremes. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 470-491.	1.4	43
48	Multivariate Functional Data Visualization and Outlier Detection. Journal of Computational and Graphical Statistics, 2018, 27, 923-934.	1.7	43
49	Likelihood estimators for multivariate extremes. Extremes, 2016, 19, 79-103.	1.0	42
50	Surface boxplots. Stat, 2014, 3, 1-11.	0.4	41
51	Bayesian inference for shape mixtures of skewed distributions, with application to regression analysis. Bayesian Analysis, 2008, 3, .	3.0	40
52	Exact fast computation of band depth for large functional datasets: How quickly can one million curves be ranked?. Stat, 2012, 1, 68-74.	0.4	39
53	Compressing an Ensemble With Statistical Models: An Algorithm for Global 3D Spatio-Temporal Temperature. Technometrics, 2016, 58, 319-328.	1.9	39
54	Locally Efficient Semiparametric Estimators for Generalized Skew-Elliptical Distributions. Journal of the American Statistical Association, 2005, 100, 980-989.	3.1	38

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55	Spherical Process Models for Global Spatial Statistics. Statistical Science, 2017, 32, 501-513.	2.8	38
56	Scale and shape mixtures of multivariate skew-normal distributions. Journal of Multivariate Analysis, 2018, 166, 98-110.	1.0	38
57	Robust Simulation-Based Estimation of ARMA Models. Journal of Computational and Graphical Statistics, 2001, 10, 370-387.	1.7	37
58	Asymptotic properties of sample quantiles of discrete distributions. Annals of the Institute of Statistical Mathematics, 2011, 63, 227-243.	0.8	37
59	Characteristic functions of scale mixtures of multivariate skew-normal distributions. Journal of Multivariate Analysis, 2011, 102, 1105-1117.	1.0	36
60	A skewed Kalman filter. Journal of Multivariate Analysis, 2005, 94, 382-400.	1.0	35
61	On nomenclature for, and the relative merits of, two formulations of skew distributions. Statistics and Probability Letters, 2016, 110, 201-206.	0.7	35
62	Censored time series analysis with autoregressive moving average models. Canadian Journal of Statistics, 2007, 35, 151-168.	0.9	32
63	Space-time wind speed forecasting for improved power system dispatch. Test, 2014, 23, 1-25.	1.1	32
64	Population structure of a whale shark Rhincodon typus aggregation in the Red Sea. Journal of Fish Biology, 2016, 89, 1570-1582.	1.6	32
65	Current and Future Estimates of Wind Energy Potential Over Saudi Arabia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6443-6459.	3.3	32
66	Discussion of ''The Skew-normal''. Scandinavian Journal of Statistics, 2005, 32, 189-198.	1.4	31
67	A Multivariate Two-Sample Mean Test for Small Sample Size and Missing Data. Biometrics, 2006, 62, 877-885.	1.4	31
68	Shape mixtures of multivariate skew-normal distributions. Journal of Multivariate Analysis, 2009, 100, 91-101.	1.0	30
69	Global effects of moon phase on nocturnal acoustic scattering layers. Marine Ecology - Progress Series, 2016, 544, 65-75.	1.9	30
70	Beyond axial symmetry: An improved class of models for global data. Stat, 2014, 3, 48-55.	0.4	28
71	Stationary covariances associated with exponentially convex functions. Bernoulli, 2003, 9, 607.	1.3	26
72	Statistical Inference for Evolving Periodic Functions. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2007, 69, 643-657.	2.2	26

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73	Full likelihood inference for maxâ€stable data. Stat, 2019, 8, e218.	0.4	26
74	Highly Robust Estimation of Dispersion Matrices. Journal of Multivariate Analysis, 2001, 78, 11-36.	1.0	25
75	Multivariate max-stable spatial processes. Biometrika, 2015, 102, 215-230.	2.4	25
76	Tapered composite likelihood for spatial max-stable models. Spatial Statistics, 2014, 8, 86-103.	1.9	24
77	Reducing storage of global wind ensembles with stochastic generators. Annals of Applied Statistics, 2018, 12, .	1.1	24
78	A Nonâ€Gaussian Spatioâ€Temporal Model for Daily Wind Speeds Based on a Multiâ€Variate Skewâ€t Distribution. Journal of Time Series Analysis, 2019, 40, 312-326.	1.2	24
79	Space-Time Covariance Structures and Models. Annual Review of Statistics and Its Application, 2021, 8, 191-215.	7.0	24
80	Factor copula models for data with spatio-temporal dependence. Spatial Statistics, 2017, 22, 180-195.	1.9	23
81	Closing the gap between wind energy targets and implementation for emerging countries. Applied Energy, 2020, 269, 115085.	10.1	23
82	Functional outlier detection and taxonomy by sequential transformations. Computational Statistics and Data Analysis, 2020, 149, 106960.	1.2	23
83	Blowing in the wind. Significance, 2007, 4, 11-14.	0.4	22
84	Statistical Tests of Taylorâ€™s Hypothesis: An Application to Precipitation Fields. Journal of Hydrometeorology, 2009, 10, 254-265.	1.9	22
85	Perturbation of Numerical Confidential Data via Skew-t Distributions. Management Science, 2010, 56, 318-333.	4.1	22
86	Aggregation-cokriging for highly multivariate spatial data. Biometrika, 2011, 98, 615-631.	2.4	22
87	Visuanimation in statistics. Stat, 2015, 4, 81-96.	0.4	22
88	Shrinkage-based diagonal Hotellingâ€™s tests for high-dimensional small sample size data. Journal of Multivariate Analysis, 2016, 143, 127-142.	1.0	22
89	Likelihood approximation with hierarchical matrices for large spatial datasets. Computational Statistics and Data Analysis, 2019, 137, 115-132.	1.2	22
90	Quantifying variability in earthquake rupture models using multidimensional scaling: application to the 2011 Tohoku earthquake. Geophysical Journal International, 2015, 202, 17-40.	2.4	21

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91	Hierarchical Decompositions for the Computation of High-Dimensional Multivariate Normal Probabilities. Journal of Computational and Graphical Statistics, 2018, 27, 268-277.	1.7	21
92	Extreme Value Distributions for the Skew-Symmetric Family of Distributions. Communications in Statistics - Theory and Methods, 2007, 36, 1705-1717.	1.0	20
93	Self-Similarity and Lamperti Transformation for Random Fields. Stochastic Models, 2007, 23, 397-411.	0.5	20
94	Principles for statistical inference on big spatio-temporal data from climate models. Statistics and Probability Letters, 2018, 136, 92-96.	0.7	20
95	A temporal model for vertical extrapolation of wind speed and wind energy assessment. Applied Energy, 2021, 301, 117378.	10.1	20
96	Efficient maximum approximated likelihood inference for Tukeyâ€™s <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si64.gif" display="inline" overflow="scroll"><mml:mi>g</mml:mi></mml:math>-and-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si65.gif" display="inline" overflow="scroll"><mml:mi>h</mml:mi></mml:math> distribution. Computational Statistics and Data Analysis, 2015, 91, 78-91.	1.2	19
97	In vitro structure-toxicity relationship of chalcones in human hepatic stellate cells. Toxicology, 2015, 336, 26-33.	4.2	19
98	Bayesian Modeling of Air Pollution Extremes Using Nested Multivariate Max-Stable Processes. Biometrics, 2019, 75, 831-841.	1.4	19
99	Nonparametric Identification of Copula Structures. Journal of the American Statistical Association, 2013, 108, 666-675.	3.1	18
100	Observation Quality Control with a Robust Ensemble Kalman Filter. Monthly Weather Review, 2013, 141, 4414-4428.	1.4	18
101	Bayesian linear regression with skew-symmetric error distributions with applications to survival analysis. Statistics in Medicine, 2016, 35, 2441-2454.	1.6	18
102	Robust Inference in Sample Selection Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 805-827.	2.2	18
103	A Scalable Multi-Resolution Spatio-Temporal Model for Brain Activation and Connectivity in Fmri Data. Biometrics, 2018, 74, 823-833.	1.4	18
104	An invariance property of quadratic forms in random vectors with a selection distribution, with application to sample variogram and covariogram estimators. Annals of the Institute of Statistical Mathematics, 2010, 62, 363-381.	0.8	17
105	Functional Median Polish. Journal of Agricultural, Biological, and Environmental Statistics, 2012, 17, 354-376.	1.4	17
106	Nonâ€Gaussian autoregressive processes with Tukey â€andâ€h transformations. Environmetrics, 2019, 30, e2503.	1.4	17
107	Interpolation of the Mean Anomalies for Cloud Filling in Land Surface Temperature and Normalized Difference Vegetation Index. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6068-6078.	6.3	17
108	Spatial blind source separation. Biometrika, 2020, 107, 627-646.	2.4	17

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109	Nonstationary cross-covariance functions for multivariate spatio-temporal random fields. Spatial Statistics, 2020, 37, 100411.	1.9	17
110	Explicit Estimating Equations for Semiparametric Generalized Linear Latent Variable Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2010, 72, 475-495.	2.2	16
111	Power system economic dispatch with spatio-temporal wind forecasts. , 2011, , .		16
112	Objective Bayesian Analysis of Skewâ€t Distributions. Scandinavian Journal of Statistics, 2013, 40, 63-85.	1.4	16
113	Parallel Approximation of the Maximum Likelihood Estimation for the Prediction of Large-Scale Geostatistics Simulations. , 2018, , .		16
114	Recent developments in complex and spatially correlated functional data. Brazilian Journal of Probability and Statistics, 2020, 34, .	0.4	16
115	Local Polynomial Quantile Regression With Parametric Features. Journal of the American Statistical Association, 2009, 104, 1416-1429.	3.1	15
116	A Suite of Commands for Fitting the Skew-normal and Skew-t models. The Stata Journal, 2010, 10, 507-539.	2.2	15
117	A Statistical Investigation of the Sensitivity of Ensemble-Based Kalman Filters to Covariance Filtering. Monthly Weather Review, 2011, 139, 3036-3051.	1.4	15
118	Spatially varying cross-correlation coefficients in the presence of nugget effects. Biometrika, 2013, 100, 213-220.	2.4	15
119	A non-Gaussian multivariate distribution with all lower-dimensional Gaussians and related families. Journal of Multivariate Analysis, 2014, 132, 82-93.	1.0	15
120	Analysing earthquake slip models with the spatial prediction comparison test. Geophysical Journal International, 2015, 200, 185-198.	2.4	15
121	Interpolation of daily rainfall using spatiotemporal models and clustering. International Journal of Climatology, 2015, 35, 1453-1464.	3.5	15
122	A copula model for non-Gaussian multivariate spatial data. Journal of Multivariate Analysis, 2019, 169, 264-277.	1.0	15
123	Invariance-based estimating equations for skew-symmetric distributions. Metron, 2010, 68, 275-298.	1.2	14
124	A Monte Carlo-Adjusted Goodness-of-Fit Test for Parametric Models Describing Spatial Point Patterns. Journal of Computational and Graphical Statistics, 2014, 23, 497-517.	1.7	14
125	Incorporating geostrophic wind information for improved spaceâ€“time short-term wind speed forecasting. Annals of Applied Statistics, 2014, 8, .	1.1	14
126	Accelerating Geostatistical Modeling and Prediction With Mixed-Precision Computations: A High-Productivity Approach With PaRSEC. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 964-976.	5.6	14

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127	Competition on Spatial Statistics for Large Datasets. Journal of Agricultural, Biological, and Environmental Statistics, 2021, 26, 580-595.	1.4	14
128	Mixtures of skewed Kalman filters. Journal of Multivariate Analysis, 2014, 123, 228-251.	1.0	13
129	Bayesian Model Averaging Over Tree-based Dependence Structures for Multivariate Extremes. Journal of Computational and Graphical Statistics, 2020, 29, 174-190.	1.7	13
130	The change-of-variance function of M-estimators of scale under general contamination. Journal of Computational and Applied Mathematics, 1995, 64, 69-80.	2.0	12
131	Visualizing Influential Observations in Dependent Data. Journal of Computational and Graphical Statistics, 2010, 19, 808-825.	1.7	12
132	A MatÃ©rn model of the spatial covariance structure of point rain rates. Stochastic Environmental Research and Risk Assessment, 2015, 29, 411-416.	4.0	12
133	Hierarchical-block conditioning approximations for high-dimensional multivariate normal probabilities. Statistics and Computing, 2019, 29, 585-598.	1.5	12
134	Robust depth-based estimation of the functional autoregressive model. Computational Statistics and Data Analysis, 2019, 131, 66-79.	1.2	12
135	Geostatistical Modeling and Prediction Using Mixed Precision Tile Cholesky Factorization. , 2019, , .		12
136	Nonparametric Inference for Periodic Sequences. Technometrics, 2012, 54, 83-96.	1.9	11
137	Characteristic Functionâ€based Semiparametric Inference for Skewâ€symmetric Models. Scandinavian Journal of Statistics, 2013, 40, 471-490.	1.4	11
138	An exploratory data analysis of electroencephalograms using the functional boxplots approach. Frontiers in Neuroscience, 2015, 9, 282.	2.8	11
139	Tukey max-stable processes for spatial extremes. Spatial Statistics, 2016, 18, 431-443.	1.9	11
140	Multi-level restricted maximum likelihood covariance estimation and kriging for large non-gridded spatial datasets. Spatial Statistics, 2016, 18, 105-124.	1.9	11
141	Diagonal Likelihood Ratio Test for Equality of Mean Vectors in High-Dimensional Data. Biometrics, 2019, 75, 256-267.	1.4	11
142	Singleâ€Index Additive Vector Autoregressive Time Series Models. Scandinavian Journal of Statistics, 2009, 36, 369-388.	1.4	10
143	Statistical significance of trends in monthly heavy precipitation over the US. Climate Dynamics, 2012, 38, 1375-1387.	3.8	10
144	Functional boxplots for multivariate curves. Stat, 2018, 7, .	0.4	10

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145	A highâ€resolution bilevel skewâ€t stochastic generator for assessing Saudi Arabia's wind energy resources. Environmetrics, 2020, 31, e2628.	1.4	10
146	A comparison of dependence function estimators in multivariate extremes. Statistics and Computing, 2018, 28, 525-538.	1.5	10
147	On the robustness of two-stage estimators. Statistics and Probability Letters, 2012, 82, 726-732.	0.7	9
148	Evaluating the impacts of climate change on diurnal wind power cycles using multiple regional climate models. Environmetrics, 2015, 26, 192-201.	1.4	9
149	HLIBCov: Parallel hierarchical matrix approximation of large covariance matrices and likelihoods with applications in parameter identification. MethodsX, 2020, 7, 100600.	1.6	9
150	A hierarchical bi-resolution spatial skew-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e357" altimg="si3.svg"><mml:mi>t</mml:mi></mml:math> model. Spatial Statistics, 2020, 35, 100398.	1.9	9
151	Cyclostationary Processes With Evolving Periods and Amplitudes. IEEE Transactions on Signal Processing, 2021, 69, 1579-1590.	5.3	9
152	Variogram estimation in the presence of trend. Statistics and Its Interface, 2012, 5, 159-168.	0.3	9
153	Forecasting High-Frequency Spatio-Temporal Wind Power with Dimensionally Reduced Echo State Networks. Journal of the Royal Statistical Society Series C: Applied Statistics, 2022, 71, 449-466.	1.0	9
154	On the discretization of nonparametric isotropic covariogram estimators. Statistics and Computing, 2004, 14, 99-108.	1.5	8
155	Multivariate transformed Gaussian processes. Japanese Journal of Statistics and Data Science, 2020, 3, 129-152.	1.2	8
156	Robust functional multivariate analysis of variance with environmental applications. Environmetrics, 2021, 32, .	1.4	8
157	Efficiency assessment of approximated spatial predictions for large datasets. Spatial Statistics, 2021, 43, 100517.	1.9	8
158	High Performance Multivariate Geospatial Statistics on Manycore Systems. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2719-2733.	5.6	8
159	A Stochastic Generator of Global Monthly Wind Energy with Tukey g-and-h Autoregressive Processes. Statistica Sinica, 2019, , .	0.3	8
160	Generalized Linear Latent Variable Models with Flexible Distribution of Latent Variables. Scandinavian Journal of Statistics, 2012, 39, 663-680.	1.4	7
161	Skewed factor models using selection mechanisms. Journal of Multivariate Analysis, 2016, 145, 162-177.	1.0	7
162	Visualizing spatiotemporal models with virtual reality: from fully immersive environments to applications in stereoscopic view. Journal of the Royal Statistical Society Series A: Statistics in Society, 2019, 182, 379-387.	1.1	7

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163	A test for stationarity of spatio-temporal random fields on planar and spherical domains. Statistica Sinica, 2012, , .	0.3	7
164	A Bayesian spatio-temporal geostatistical model with an auxiliary lattice for large datasets. Statistica Sinica, 2014, , .	0.3	6
165	Estimating the mean and variance from the five-number summary of a log-normal distribution. Statistics and Its Interface, 2020, 13, 519-531.	0.3	6
166	Semiparametric Efficient and Robust Estimation of an Unknown Symmetric Population Under Arbitrary Sample Selection Bias. Journal of the American Statistical Association, 2013, 108, 1090-1104.	3.1	5
167	Testing Self-Similarity Through Lamperti Transformations. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 426-447.	1.4	5
168	A tilting approach to ranking influence. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 77-97.	2.2	5
169	Linear factor copula models and their properties. Scandinavian Journal of Statistics, 2018, 45, 861-878.	1.4	5
170	Gaussian likelihood inference on data from transâ€Gaussian random fields with MatÃ©rn covariance function. Environmetrics, 2018, 29, e2458.	1.4	5
171	Parametric variogram matrices incorporating both bounded and unbounded functions. Stochastic Environmental Research and Risk Assessment, 2019, 33, 1669-1679.	4.0	5
172	The Tukeyg-and-hDistribution. Significance, 2019, 16, 12-13.	0.4	5
173	Trajectory functional boxplots. Stat, 2020, 9, e289.	0.4	5
174	Assessing the risk of disruption of wind turbine operations in Saudi Arabia using Bayesian spatial extremes. Extremes, 2021, 24, 267-292.	1.0	5
175	Assessing the reliability of wind power operations under a changing climate with a non-Gaussian bias correction. Annals of Applied Statistics, 2021, 15, .	1.1	5
176	Semiparametric location estimation under nonâ€rrandom sampling. Stat, 2012, 1, 1-11.	0.4	4
177	Validation of CMIP5 multimodel ensembles through the smoothness of climate variables. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 67, 23880.	1.7	4
178	Multivariate localization methods for ensemble Kalman filtering. Nonlinear Processes in Geophysics, 2015, 22, 723-735.	1.3	4
179	Depthâ€weighted robust multivariate regression with application to sparse data. Canadian Journal of Statistics, 2017, 45, 164-184.	0.9	4
180	Scalable Computation of Predictive Probabilities in Probit Models with Gaussian Process Priors. Journal of Computational and Graphical Statistics, 2022, 31, 709-720.	1.7	4

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181	Parallel space-time likelihood optimization for air pollution prediction on large-scale systems. , 2022, , .		4
182	A Non-Gaussian Spatial Generalized Linear Latent Variable Model. Journal of Agricultural, Biological, and Environmental Statistics, 2012, 17, 332-353.	1.4	3
183	Rejoinder on: Space-time wind speed forecasting for improved power system dispatch. Test, 2014, 23, 45-50.	1.1	3
184	An adaptive spatial model for precipitation data from multiple satellites over large regions. Statistics and Computing, 2015, 25, 389-405.	1.5	3
185	Short-term spatio-temporal wind power forecast in robust look-ahead power system dispatch. , 2016, , .		3
186	Comments on: Spatiotemporal models for skewed processes. Environmetrics, 2017, 28, e2430.	1.4	3
187	Extreme-value limit of the convolution of exponential and multivariate normal distributions: Link to the HÃ¼slerâ€“ReiÃŸÂdistribution. Journal of Multivariate Analysis, 2018, 163, 80-95.	1.0	3
188	On the Stationary Marginal Distributions of Subclasses of Multivariate Setar Processes of Order One. Journal of Time Series Analysis, 2020, 41, 406-420.	1.2	3
189	Nonparametric trend estimation in functional time series with application to annual mortality rates. Biometrics, 2021, 77, 866-878.	1.4	3
190	Improving Bayesian Local Spatial Models in Large Datasets. Journal of Computational and Graphical Statistics, 2021, 30, 349-359.	1.7	3
191	Exploiting low-rank covariance structures for computing high-dimensional normal and Student-t probabilities. Statistics and Computing, 2021, 31, 1.	1.5	3
192	A cyclostationary model for temporal forecasting and simulation of solar global horizontal irradiance. Environmetrics, 2021, 32, e2700.	1.4	3
193	Modeling the Convective Boundary Layer in the Terra Incognita: Evaluation of Different Strategies with Real-Case Simulations. Monthly Weather Review, 2022, 150, 981-1001.	1.4	3
194	Are You All Normal? It Depends!. International Statistical Review, 0, , .	1.9	3
195	Lagrangian Spatio-Temporal Nonstationary Covariance Functions. , 2021, , 427-447.		2
196	Vector Autoregressive Models with Spatially Structured Coefficients for Time Series on a Spatial Grid. Journal of Agricultural, Biological, and Environmental Statistics, 2021, 26, 387-408.	1.4	2
197	Spatiotemporal probabilistic wind vector forecasting over Saudi Arabia. Annals of Applied Statistics, 2020, 14, .	1.1	2
198	Sparse Functional Boxplots for Multivariate Curves. Journal of Computational and Graphical Statistics, 2022, 31, 976-989.	1.7	2

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199	On Kolmogorov asymptotics of estimators of the misclassification error rate in linear discriminant analysis. Sankhya A, 2013, 75, 300-326.	0.8	1
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