

# Jorge Mateu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159 papers	1,517 citations	22 h-index	32 g-index
173 ext. papers	1,801 ext. citations	2 avg, IF	5.1 L-index

#	Paper	IF	Citations
159	Ordinary kriging for function-valued spatial data. <i>Environmental and Ecological Statistics</i> , <b>2011</b> , 18, 411-426	2.6	101
158	Estimating Space and Space-Time Covariance Functions for Large Data Sets: A Weighted Composite Likelihood Approach. <i>Journal of the American Statistical Association</i> , <b>2012</b> , 107, 268-280	2.8	85
157	Nonseparable stationary anisotropic space-time covariance functions. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2006</b> , 21, 113-122	3.5	61
156	Continuous Time-Varying Kriging for Spatial Prediction of Functional Data: An Environmental Application. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , <b>2010</b> , 15, 66-82	1.9	53
155	New classes of covariance and spectral density functions for spatio-temporal modelling. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2008</b> , 22, 65-79	3.5	50
154	A universal kriging approach for spatial functional data. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2013</b> , 27, 1553-1563	3.5	48
153	Kriging with external drift for functional data for air quality monitoring. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2014</b> , 28, 1171-1186	3.5	47
152	Geospatial Analysis of Extreme Weather Events in Nigeria (1985-2015) Using Self-Organizing Maps. <i>Advances in Meteorology</i> , <b>2017</b> , 2017, 1-11	1.7	40
151	The Dagum family of isotropic correlation functions. <i>Bernoulli</i> , <b>2008</b> , 14,	1.6	37
150	Modelling spatio-temporal data: A new variogram and covariance structure proposal. <i>Statistics and Probability Letters</i> , <b>2007</b> , 77, 83-89	0.6	37
149	A comparison between parametric and non-parametric approaches to the analysis of replicated spatial point patterns. <i>Advances in Applied Probability</i> , <b>2000</b> , 32, 331-343	0.7	37
148	Hierarchical clustering of spatially correlated functional data. <i>Statistica Neerlandica</i> , <b>2012</b> , 66, 403-421	0.9	36
147	Quasi-arithmetic means of covariance functions with potential applications to space-time data. <i>Journal of Multivariate Analysis</i> , <b>2009</b> , 100, 1830-1844	1.4	35
146	Spatio-temporal point process statistics: A review. <i>Spatial Statistics</i> , <b>2016</b> , 18, 505-544	2.2	29
145	On potentially negative space time covariances obtained as sum of products of marginal ones. <i>Annals of the Institute of Statistical Mathematics</i> , <b>2008</b> , 60, 865-882	1	29
144	Spatio-temporal log-Gaussian Cox processes for modelling wildfire occurrence: the case of Catalonia, 1994-2008. <i>Environmental and Ecological Statistics</i> , <b>2014</b> , 21, 531-563	2.2	26
143	A spatio-temporal Poisson hurdle point process to model wildfires. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2014</b> , 28, 1671-1684	3.5	26

142	Spatial pattern modelling of wildfires in Catalonia, Spain 2004-2008. <i>Environmental Modelling and Software</i> , <b>2013</b> , 40, 235-244	5.2	24
141	Model comparison and selection for stationary space-time models. <i>Computational Statistics and Data Analysis</i> , <b>2007</b> , 51, 4577-4596	1.6	23
140	Analysis of forest thinning strategies through the development of space-time growth-interaction simulation models. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2009</b> , 23, 275-288	3.5	22
139	Characterising forest spatial structure through inhomogeneous second order characteristics. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2009</b> , 23, 387-397	3.5	22
138	Hybrids of Gibbs Point Process Models and Their Implementation. <i>Journal of Statistical Software</i> , <b>2013</b> , 55,	7.3	20
137	Analysis of multispecies point patterns by using multivariate log-Gaussian Cox processes. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , <b>2016</b> , 65, 77-96	1.5	20
136	Resample-smoothing of Voronoi intensity estimators. <i>Statistics and Computing</i> , <b>2019</b> , 29, 995-1010	1.8	19
135	On the performance of two clustering methods for spatial functional data. <i>ASTA Advances in Statistical Analysis</i> , <b>2015</b> , 99, 467-492	1	19
134	Modelling forest dynamics: a perspective from point process methods. <i>Biometrical Journal</i> , <b>2007</b> , 49, 176-96	1.5	18
133	Covariance functions that are stationary or nonstationary in space and stationary in time. <i>Statistica Neerlandica</i> , <b>2007</b> , 61, 358-382	0.9	18
132	Fast Kernel Smoothing of Point Patterns on a Large Network using Two-dimensional Convolution. <i>International Statistical Review</i> , <b>2019</b> , 87, 531-556	1.4	17
131	Understanding the nesting spatial behaviour of gorillas in the Kagwene Sanctuary, Cameroon. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2012</b> , 26, 793-811	3.5	16
130	On Kernel-Based Intensity Estimation of Spatial Point Patterns on Linear Networks. <i>Journal of Computational and Graphical Statistics</i> , <b>2018</b> , 27, 302-311	1.4	16
129	Multivariate functional random fields: prediction and optimal sampling. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2017</b> , 31, 53-70	3.5	15
128	Risk factors and spatial distribution of urban rat infestations. <i>Journal of Pest Science</i> , <b>2014</b> , 87, 107-115	5.5	15
127	Covariance functions for multivariate Gaussian fields evolving temporally over planet earth. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2019</b> , 33, 1593-1608	3.5	14
126	Modelling of the spatio-temporal distribution of rat sightings in an urban environment. <i>Spatial Statistics</i> , <b>2014</b> , 9, 192-206	2.2	14
125	Mixture-based modeling for space-time data. <i>Environmetrics</i> , <b>2007</b> , 18, 285-302	1.3	14

124	Residual Kriging for Functional Spatial Prediction of Salinity Curves. <i>Communications in Statistics - Theory and Methods</i> , <b>2015</b> , 44, 798-809	0.5	13
123	A kernel-based method for nonparametric estimation of variograms. <i>Statistica Neerlandica</i> , <b>2007</b> , 61, 173-197	0.9	13
122	Consistent Smooth Bootstrap Kernel Intensity Estimation for Inhomogeneous Spatial Poisson Point Processes. <i>Scandinavian Journal of Statistics</i> , <b>2016</b> , 43, 416-435	0.8	13
121	On a class of non-stationary, compactly supported spatial covariance functions. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2013</b> , 27, 297-309	3.5	12
120	La descente et la montée des pentes: the spatially d-anisotropic and the spatio-temporal case. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2007</b> , 21, 683-693	3.5	12
119	Second-order characteristics of spatial marked processes with applications. <i>Nonlinear Analysis: Real World Applications</i> , <b>2000</b> , 1, 145-162	2.1	12
118	A Classification of Sediment Types Based on Statistical Multivariate Techniques. <i>Water, Air, and Soil Pollution</i> , <b>1998</b> , 107, 91-104	2.6	11
117	Parametric Procedures in the Analysis of Replicated Pairwise Interaction Point Patterns. <i>Biometrical Journal</i> , <b>2001</b> , 43, 375-394	1.5	11
116	Optimal sampling for spatial prediction of functional data. <i>Statistical Methods and Applications</i> , <b>2016</b> , 25, 39-54	0.8	10
115	Similarity measures of conditional intensity functions to test separability in multidimensional point processes. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2013</b> , 27, 1193-1205	3.5	10
114	2D Anisotropic Wavelet Entropy with an Application to Earthquakes in Chile. <i>Entropy</i> , <b>2015</b> , 17, 4155-4172	2.8	10
113	Fitting negative spatial covariances to geothermal field temperatures in Nea Kessani (Greece). <i>Environmetrics</i> , <b>2007</b> , 18, 759-773	1.3	10
112	Likelihood Inference for Gibbs Processes in the Analysis of Spatial Point Patterns*. <i>International Statistical Review</i> , <b>2001</b> , 69, 81-104	1.4	10
111	A Kalman filter method for estimation and prediction of space-time data with an autoregressive structure. <i>Journal of Statistical Planning and Inference</i> , <b>2019</b> , 203, 117-130	0.8	9
110	Air Quality Monitoring Network Design Optimisation for Robust Land Use Regression Models. <i>Sustainability</i> , <b>2018</b> , 10, 1442	3.6	9
109	On measures of dissimilarity between point patterns: classification based on prototypes and multidimensional scaling. <i>Biometrical Journal</i> , <b>2015</b> , 57, 340-58	1.5	9
108	Methods of Assessing and Achieving Normality Applied to Environmental Data. <i>Environmental Management</i> , <b>1997</b> , 21, 767-77	3.1	9
107	Multivariate product-shot-noise Cox point process models. <i>Biometrics</i> , <b>2015</b> , 71, 1022-33	1.8	8

106	First- and Second-Order Characteristics of Spatio-Temporal Point Processes on Linear Networks. <i>Journal of Computational and Graphical Statistics</i> , <b>2020</b> , 29, 432-443	1.4	8
105	Mark variograms for spatio-temporal point processes. <i>Spatial Statistics</i> , <b>2017</b> , 20, 125-147	2.2	7
104	Point Patterns Occurring on Complex Structures in Space and Space-Time: An Alternative Network Approach. <i>Journal of Computational and Graphical Statistics</i> , <b>2018</b> , 27, 312-322	1.4	7
103	Spatial pattern analysis using hybrid models: an application to the Hellenic seismicity. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2017</b> , 31, 1633-1648	3.5	7
102	Wavelet-Based Entropy Measures to Characterize Two-Dimensional Fractional Brownian Fields. <i>Entropy</i> , <b>2020</b> , 22,	2.8	6
101	ABC Shadow algorithm: a tool for statistical analysis of spatial patterns. <i>Statistics and Computing</i> , <b>2017</b> , 27, 1225-1238	1.8	6
100	Disentangling mark/point interaction in marked-point processes. <i>Computational Statistics and Data Analysis</i> , <b>2007</b> , 51, 3123-3144	1.6	6
99	. <i>IEEE Access</i> , <b>2020</b> , 8, 209101-209112	3.5	6
98	Equivalence and orthogonality of Gaussian measures on spheres. <i>Journal of Multivariate Analysis</i> , <b>2018</b> , 167, 306-318	1.4	6
97	Multiresolution analysis of linearly oriented spatial point patterns. <i>Journal of Statistical Computation and Simulation</i> , <b>2015</b> , 85, 621-637	0.9	5
96	Bayesian spatio-temporal prediction of cancer dynamics. <i>Computers and Mathematics With Applications</i> , <b>2015</b> , 70, 857-868	2.7	5
95	On tree intensity estimation for forest inventories: Some statistical issues. <i>Biometrical Journal</i> , <b>2011</b> , 53, 994-1010	1.5	5
94	Pseudo-likelihood Inference for Gibbs Processes with Exponential Families through Generalized Linear Models. <i>Statistical Inference for Stochastic Processes</i> , <b>2001</b> , 4, 125-154	0.7	5
93	A first-order, ratio-based nonparametric separability test for spatiotemporal point processes. <i>Environmetrics</i> , <b>2018</b> , 29, e2482	1.3	5
92	Analysing highly complex and highly structured point patterns in space. <i>Spatial Statistics</i> , <b>2017</b> , 22, 296-305	3.0	4
91	Prediction of spatial functional random processes: comparing functional and spatio-temporal kriging approaches. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2019</b> , 33, 1699-1719	3.5	4
90	Inhomogeneous higher-order summary statistics for point processes on linear networks. <i>Statistics and Computing</i> , <b>2020</b> , 30, 1221-1239	1.8	4
89	Point-wise Kriging for Spatial Prediction of Functional Data. <i>Contributions To Statistics</i> , <b>2008</b> , 135-141	0.1	4

88	Spatio-temporal point patterns on linear networks: Pseudo-separable intensity estimation. <i>Spatial Statistics</i> , <b>2020</b> , 37, 100400	2.2	4
87	Non-linear spatial modeling of rat sightings in relation to urban multi-source foci. <i>Journal of Infection and Public Health</i> , <b>2018</b> , 11, 667-676	7.4	4
86	Measuring spatial inhomogeneity at different spatial scales using hybrids of Gibbs point process models. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2017</b> , 31, 1455-1469	3.5	3
85	Estimation and prediction of time-varying GARCH models through a state-space representation: a computational approach. <i>Journal of Statistical Computation and Simulation</i> , <b>2017</b> , 87, 2430-2449	0.9	3
84	A simple two-step method for spatio-temporal design-based balanced sampling. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2018</b> , 32, 457-468	3.5	3
83	Joint second-order parameter estimation for spatio-temporal log-Gaussian Cox processes. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2018</b> , 32, 3525-3539	3.5	3
82	Analysing Multivariate Spatial Point Processes with Continuous Marks: A Graphical Modelling Approach. <i>International Statistical Review</i> , <b>2019</b> , 87, 44-67	1.4	3
81	Geostatistical mixed beta regression: a Bayesian approach. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2017</b> , 31, 571-584	3.5	3
80	A CONTINUOUS WAVELET-BASED APPROACH TO DETECT ANISOTROPIC PROPERTIES IN SPATIAL POINT PROCESSES. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , <b>2013</b> , 11, 1350017	0.9	3
79	Kriging for Functional Data <b>2013</b> ,		3
78	Some properties of local weighted second-order statistics for spatio-temporal point processes. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2020</b> , 34, 149-168	3.5	3
77	Graphical modelling and partial characteristics for multitype and multivariate-marked spatio-temporal point processes. <i>Computational Statistics and Data Analysis</i> , <b>2021</b> , 156, 107139	1.6	3
76	Nearest neighbour distance matching Leave-One-Out Cross-Validation for map validation. <i>Methods in Ecology and Evolution</i> ,	7.7	3
75	Distance-based beta regression for prediction of mutual funds. <i>AStA Advances in Statistical Analysis</i> , <b>2015</b> , 99, 83-106	1	2
74	Partial and Semi-Partial Statistics of Spatial Associations for Multivariate Areal Data. <i>Geographical Analysis</i> , <b>2020</b> ,	2.9	2
73	The Latent Scale Covariogram: A Tool for Exploring the Spatial Dependence Structure of Nonnormal Responses. <i>Journal of Computational and Graphical Statistics</i> , <b>2019</b> , 28, 127-141	1.4	2
72	Hierarchical spatial modeling of the presence of Chagas disease insect vectors in Argentina. A comparative approach. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2017</b> , 31, 461-479	3.5	2
71	New classes of spectral densities for lattice processes and random fields built from simple univariate margins. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2012</b> , 26, 479-490	3.5	2

70	Assessing similarities between spatial point patterns with a Siamese neural network discriminant model. <i>Advances in Data Analysis and Classification</i> , 1	1.8	2
69	A Bayesian machine learning approach for spatio-temporal prediction of COVID-19 cases.. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2022</b> , 1-19	3.5	2
68	Outlier Detection for Geostatistical Functional Data: An Application to Sensor Data. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , <b>2013</b> , 131-138	0.2	2
67	Analysis of tornado reports through replicated spatiotemporal point patterns. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , <b>2020</b> , 69, 3-23	1.5	2
66	Spatial Cox processes in an infinite-dimensional framework. <i>Test</i> , 1	1.1	2
65	Spatio-temporal classification in point patterns under the presence of clutter. <i>Environmetrics</i> , <b>2020</b> , 31, e2599	1.3	2
64	Revisiting the random shift approach for testing in spatial statistics. <i>Spatial Statistics</i> , <b>2021</b> , 42, 100430	2.2	2
63	Directional analysis for point patterns on linear networks. <i>Stat</i> , <b>2021</b> , 10, e323	0.7	2
62	Functional marked point processes: a natural structure to unify spatio-temporal frameworks and to analyse dependent functional data. <i>Test</i> , <b>2021</b> , 30, 529-568	1.1	2
61	Testing for local structure in spatiotemporal point pattern data. <i>Environmetrics</i> , <b>2018</b> , 29, e2463	1.3	2
60	Discussion of the paper "Analysis of spatio-temporal mobile phone data: a case study in the metropolitan area of Milan" <i>Statistical Methods and Applications</i> , <b>2015</b> , 24, 315-319	0.8	1
59	Metrics and barycenters for point pattern data. <i>Statistics and Computing</i> , <b>2020</b> , 30, 953-972	1.8	1
58	A penalized likelihood method for nonseparable space-time generalized additive models. <i>AStA Advances in Statistical Analysis</i> , <b>2018</b> , 102, 333-357	1	1
57	Beta spatial linear mixed model with variable dispersion using Monte Carlo maximum likelihood. <i>Statistica Neerlandica</i> , <b>2016</b> , 70, 47-76	0.9	1
56	Local Clustering in Spatio-Temporal Point Patterns. <i>Lecture Notes in Earth System Sciences</i> , <b>2014</b> , 171-174	0.4	1
55	Kriging for Functional Data <b>2014</b> ,		1
54	Modelling count data based on weakly dependent spatial covariates using a copula approach: application to rat sightings. <i>Environmental and Ecological Statistics</i> , <b>2017</b> , 24, 433-448	2.2	1
53	A wavelet-based approach to quantify the anisotropy degree of spatial random point configurations. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , <b>2014</b> , 12, 1450037	0.9	1



52	Object oriented data analysis under spatial correlation. <i>Biometrical Journal</i> , <b>2014</b> , 56, 766-7	1.5	1
51	Clustering Spatially Correlated Functional Data. <i>Contributions To Statistics</i> , <b>2011</b> , 277-282	0.1	1
50	A third-order point process characteristic for multi-type point processes. <i>Statistica Neerlandica</i> , <b>2010</b> , 64, 19-44	0.9	1
49	On Random and Gibbsian Particle Motions for Point Processes Evolving in Space and Time. <i>Communications in Statistics Part B: Simulation and Computation</i> , <b>2008</b> , 37, 380-395	0.6	1
48	A stochastic Bayesian bootstrapping model for COVID-19 data.. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2022</b> , 1-11	3.5	1
47	Spatio-temporal small area surveillance of the COVID-19 pandemic. <i>Spatial Statistics</i> , <b>2021</b> , 100551	2.2	1
46	On the Second Order Properties of the Multidimensional Periodogram for Regularly Spaced Data <b>2008</b> , 53, 403-410	0.1	1
45	Contextual contact tracing based on stochastic compartment modeling and spatial risk assessment. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2021</b> , 1-25	3.5	1
44	Geostatistical Data Versus Point Process Data: Analysis of Second-Order Characteristics. <i>Quantitative Geology and Geostatistics</i> , <b>1999</b> , 213-224		1
43	Mapping the Quality of Life Experience in Alfama: A Case Study in Lisbon, Portugal. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 269-283	0.9	1
42	Optimal dynamic spatial sampling. <i>Environmetrics</i> , <b>2016</b> , 27, 293-305	1.3	1
41	Capturing spatial dependence of COVID-19 case counts with cellphone mobility data. <i>Spatial Statistics</i> , <b>2021</b> , 100540	2.2	1
40	Assessing local differences between the spatio-temporal second-order structure of two point patterns occurring on the same linear network. <i>Spatial Statistics</i> , <b>2021</b> , 45, 100534	2.2	1
39	Collecting Spatio-Temporal Data1-36		1
38	Space-time autoregressive estimation and prediction with missing data based on Kalman filtering. <i>Environmetrics</i> , <b>2020</b> , 31, e2627	1.3	1
37	EDITORIAL from Jorge Mateu. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , <b>2022</b> , 27, 1-3	1.9	1
36	Spatial point processes and neural networks: A convenient couple. <i>Spatial Statistics</i> , <b>2022</b> , 100644	2.2	1
35	Spatio-temporal analysis with short- and long-memory dependence: a state-space approach. <i>Test</i> , <b>2018</b> , 27, 221-245	1.1	0



34	A spatial randomness test based on the box-counting dimension.. <i>ASTA Advances in Statistical Analysis</i> , <b>2022</b> , 1-26	1	o
33	Two-way layout factorial experiments of spatial point pattern responses in mineral flotation. <i>Test</i> ,1	1.1	o
32	On new families of anisotropic spatial log-Gaussian Cox processes. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2021</b> , 35, 183-213	3.5	o
31	A spatial functional count model for heterogeneity analysis in time. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2021</b> , 35, 1825-1849	3.5	o
30	On the trend detection of time-ordered intensity images of point processes on linear networks. <i>Communications in Statistics Part B: Simulation and Computation</i> ,1-13	0.6	o
29	A Bayesian Spatial Analysis of the Heterogeneity in Human Mobility Changes During the First Wave of the COVID-19 Epidemic in the United States. <i>American Statistician</i> ,1-9	5	o
28	Clustering Spatial Functional Data. <i>Wiley Series in Probability and Statistics</i> , <b>2022</b> , 155-174	1.3	o
27	Self-exciting point process modelling of crimes on linear networks. <i>Statistical Modelling</i> ,1471082X2210947	1.7	o
26	A generalised linear space-time autoregressive model with space-time autoregressive disturbances. <i>Journal of Applied Statistics</i> , <b>2016</b> , 43, 1198-1225	1	
25	A Distance-based Method for Spatial Prediction in the Presence of Trend. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , <b>2020</b> , 25, 315-338	1.9	
24	Analyzing car thefts and recoveries with connections to modeling origin-destination point patterns. <i>Spatial Statistics</i> , <b>2020</b> , 38, 100440	2.2	
23	Spatial generalised linear mixed models based on distances. <i>Statistical Methods in Medical Research</i> , <b>2016</b> , 25, 2138-2160	2.3	
22	Bibliography and further reading. <i>Wiley Series in Probability and Statistics</i> , <b>2015</b> , 327-338	1.3	
21	Spatio-temporal stochastic modelling of environmental hazards. <i>Spatial Statistics</i> , <b>2015</b> , 14, 115-118	2.2	
20	Spatio-temporal modeling of benthic biological species. <i>Journal of Environmental Management</i> , <b>2004</b> , 71, 67-77	7.9	
19	Computational issues for perfect simulation in spatial point patterns. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2004</b> , 9, 229-240	3.7	
18	Likelihood Inference for Gibbs Processes in the Analysis of Spatial Point Patterns. <i>International Statistical Review</i> , <b>2001</b> , 69, 81	1.4	
17	Universal, Residual, and External Drift Functional Kriging. <i>Wiley Series in Probability and Statistics</i> , <b>2022</b> , 55-72	1.3	

- 16 Jorge Mateu's contribution to the Discussion of Testing by betting: A strategy for statistical and scientific communication by Glenn Shafer. *Journal of the Royal Statistical Society Series A: Statistics in Society*, **2021**, 184, 458-458 2.1
- 15 Classification of Events Using Local Pair Correlation Functions for Spatial Point Patterns. *Journal of Agricultural, Biological, and Environmental Statistics*, 1 1.9
- 14 Forest Inventory **2019**, 1-9
- 13 Heteroskedastic geographically weighted regression model for functional data. *Spatial Statistics*, **2020**, 38, 100444 2.2
- 12 Second-order and local characteristics of network intensity functions. *Test*, **2021**, 30, 318-340 1.1
- 11 Bootstrapping regression models with locally stationary disturbances. *Test*, **2021**, 30, 341-363 1.1
- 10 A distance-based model for spatial prediction using radial basis functions. *AStA Advances in Statistical Analysis*, **2018**, 102, 263-288 1
- 9 Modeling the Influence of Places on Crime Risk Through a Non-Linear Effects Model: a Comparison with Risk Terrain Modeling. *Applied Spatial Analysis and Policy*, 1 1.7
- 8 A Nonparametric Algorithm for Spatially Dependent Functional Data: Bagging Voronoi for Clustering, Dimensional Reduction, and Regression. *Wiley Series in Probability and Statistics*, **2022**, 211-241 1.3
- 7 Introduction to Geostatistical Functional Data Analysis. *Wiley Series in Probability and Statistics*, **2022**, 1-25 1.3
- 6 A Comparison of Spatiotemporal and Functional Kriging Approaches. *Wiley Series in Probability and Statistics*, **2022**, 375-402 1.3
- 5 Spatial Functional Data Analysis for Probability Density Functions: Compositional Functional Data vs. Distributional Data Approach. *Wiley Series in Probability and Statistics*, **2022**, 128-153 1.3
- 4 Spatial Prediction and Optimal Sampling for Multivariate Functional Random Fields. *Wiley Series in Probability and Statistics*, **2022**, 329-349 1.3
- 3 Mathematical Foundations of Functional Kriging in Hilbert Spaces and Riemannian Manifolds. *Wiley Series in Probability and Statistics*, **2022**, 27-54 1.3
- 2 Modeling Spatially Dependent Functional Data by Spatial Regression with Differential Regularization. *Wiley Series in Probability and Statistics*, **2022**, 260-285 1.3
- 1 Quasi-maximum Likelihood Estimators for Functional Linear Spatial Autoregressive Models. *Wiley Series in Probability and Statistics*, **2022**, 286-328 1.3