Carlo Gaetan

List of Publications by Year
in descending order

41	707	623734 14	580821 25
papers	citations	h-index	g-index

46	46	46	665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A model for space-time threshold exceedances with an application to extreme rainfall. Statistical Modelling, 2024, 24, 169-193.	1.1	0
2	Modeling and Simulating Depositional Sequences Using Latent Gaussian Random Fields. Mathematical Geosciences, 2021, 53, 469-497.	2.4	4
3	Using fine-scale field data modelling for planning the management of invasions of Oenothera stucchii in coastal dune systems. Ecological Indicators, 2021, 125, 107564.	6.3	10
4	Workload Prediction in BTC Blockchain and Application to the Confirmation Time Estimation. Lecture Notes in Computer Science, 2021, , 3-21.	1.3	2
5	Hierarchical Space-Time Modeling of Asymptotically Independent Exceedances With an Application to Precipitation Data. Journal of the American Statistical Association, 2020, 115, 555-569.	3.1	19
6	On modeling positive continuous data with spatiotemporal dependence. Environmetrics, 2020, 31, e2632.	1.4	9
7	El NiÃ±o as a predictor of round sardinella distribution along the northwest African coast. Progress in Oceanography, 2020, 186, 102341.	3.2	4
8	Subsoil Reconstruction in Geostatistics beyond Kriging: A Case Study in Veneto (NE Italy). Hydrology, 2020, 7, 15.	3.0	4
9	Accumulation of trace elements in feathers of the Kentish plover Charadrius alexandrinus. Ecotoxicology and Environmental Safety, 2019, 179, 62-70.	6.0	19
10	Spatio-temporal quantification of climate model errors in a Bayesian framework. Stochastic Environmental Research and Risk Assessment, 2019, 33, 111-124.	4.0	2
11	The resilience of pollination interactions: importance of temporal phases. Journal of Plant Ecology, 2019, 12, 157-162.	2.3	17
12	A Bayesian hierarchical approach for spatial analysis of climate model bias in multi-model ensembles. Stochastic Environmental Research and Risk Assessment, 2017, 31, 2645-2657.	4.0	8
13	Structural decomposition of decadal climate prediction errors: A Bayesian approach. Scientific Reports, 2017, 7, 12862.	3.3	5
14	Clustering Chlorophyll-a satellite data using quantiles. Annals of Applied Statistics, 2016, 10, .	1.1	4
15	Comment on Article by Page and Quintana. Bayesian Analysis, 2016, 11, .	3.0	0
16	Latent Process Modelling of Threshold Exceedances in Hourly Rainfall Series. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 531-547.	1.4	8
17	spMC: an R-package for 3D lithological reconstructions based on spatial Markov chains. Computers and Geosciences, 2016, 94, 40-47.	4.2	17
18	A flexible dependence model for spatial extremes. Journal of Statistical Planning and Inference, 2016, 172, 36-52.	0.6	12

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19	Covariance tapering for multivariate Gaussian random fields estimation. Statistical Methods and Applications, 2016, 25, 21-37.	1.2	19
20	Comparing composite likelihood methods based on pairs for spatial Gaussian random fields. Statistics and Computing, 2015, 25, 877-892.	1.5	40
21	A Latent Process Model for Temporal Extremes. Scandinavian Journal of Statistics, 2014, 41, 606-621.	1.4	16
22	Estimation of spatial max-stable models using threshold exceedances. Statistics and Computing, 2014, 24, 651-662.	1.5	14
23	Estimating Space and Space-Time Covariance Functions for Large Data Sets: A Weighted Composite Likelihood Approach. Journal of the American Statistical Association, 2012, 107, 268-280.	3.1	113
24	A Review on Spatial Extreme Modelling. Lecture Notes in Statistics, 2012, , 103-124.	0.2	6
25	Transfer functionâ€noise modelling of an aquifer system in NE Italy. Hydrological Processes, 2011, 25, 194-206.	2.6	16
26	An interchangeable approach for modelling spatioâ€temporal count data. Environmetrics, 2010, 21, 849-867.	1.4	2
27	Spatial Statistics and Modeling. Springer Series in Statistics, 2010, , .	0.9	141
28	Statistics for spatial models. Springer Series in Statistics, 2010, , 149-248.	0.9	4
29	Second-order spatial models and geostatistics. Springer Series in Statistics, 2010, , 1-52.	0.9	4
30	Semiparametric zero-inflated Poisson models with application to animal abundance studies. Environmetrics, 2007, 18, 303-314.	1.4	17
31	Automatic identification of seasonal transfer function models by means of iterative stepwise and genetic algorithms. Journal of Time Series Analysis, 2007, 29, 070909174054003-???.	1.2	5
32	A hierarchical model for the analysis of spatial rainfall extremes. Journal of Agricultural, Biological, and Environmental Statistics, 2007, 12, 434-449.	1.4	35
33	Mining epidemiological time series: an approach based on dynamic regression. Statistical Modelling, 2005, 5, 309-325.	1.1	10
34	Hierarchical space-time modelling of epidemic dynamics: an application to measles outbreaks. Statistical Methods and Applications, 2004, 13, 55.	1.2	4
35	Smoothing Sample Extremes with Dynamic Models. Extremes, 2004, 7, 221-236.	1.0	26
36	Mortality and Air Pollution in Philadelphia: A Dynamic Generalized Linear Modelling Approach. Studies in Classification, Data Analysis, and Knowledge Organization, 2004, , 233-243.	0.2	0

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37	Some Applications of Time-Varying Coefficient Models to Count Data. Studies in Classification, Data Analysis, and Knowledge Organization, 2003, , 182-190.	0.2	0
38	A multiple-imputation Metropolis version of the EM algorithm. Biometrika, 2003, 90, 643-654.	2.4	19
39	Nonlinear models for ground-level ozone forecasting. Statistical Methods and Applications, 2002, 11, 227-245.	1.2	14
40	Dynamic generalized linear models with application to environmental epidemiology. Journal of the Royal Statistical Society Series C: Applied Statistics, 2002, 51, 453-468.	1.0	26
41	Subset ARMA Model Identification Using Genetic Algorithms. Journal of Time Series Analysis, 2000, 21, 559-570.	1.2	32