Giada Adelfio

List of Publications by Citations

43 papers	335 citations	10 h-index	17 g-index
48 ext. papers	412 ext. citations	1.9 avg, IF	3.84 L-index

#	Paper	IF	Citations
43	Efficient change point detection for genomic sequences of continuous measurements. *Bioinformatics*, **2011**, 27, 161-6	7.2	80
42	An integrated approach to investigate the seismotectonics of northern Sicily and southern Tyrrhenian. *Tectonophysics*, **2009**, 476, 13-21	3.1	33
41	Point process diagnostics based on weighted second-order statistics and their asymptotic properties. *Annals of the Institute of Statistical Mathematics*, **2009**, 61, 929-948	1	24
40	Analysis and assessment of trace element contamination in offshore sediments of the Augusta Bay (SE Sicily): A multivariate statistical approach based on canonical correlation analysis and mixture density estimation approach. *Journal of Sea Research*, **2014**, 85, 428-442	1.9	19
39	Simultaneous seismic wave clustering and registration. *Computers and Geosciences*, **2012**, 44, 60-69	4.5	19
38	Alternated estimation in semi-parametric space-time branching-type point processes with application to seismic catalogs. *Stochastic Environmental Research and Risk Assessment*, **2015**, 29, 443-450	3.5	18
37	A new indicator for higher education student performance. *Higher Education*, **2014**, 68, 653-668	3	13
36	Forward likelihood-based predictive approach for space-time point processes. *Environmetrics*, **2011**, 22, 749-757	1.3	13
35	FLP estimation of semi-parametric models for space-time point processes and diagnostic tools. *Spatial Statistics*, **2015**, 14, 119-132	2.2	11
34	Hybrid kernel estimates of space-time earthquake occurrence rates using the epidemic-type aftershock sequence model. *Annals of the Institute of Statistical Mathematics*, **2010**, 62, 127-143	1	11
33	Windowed ETAS models with application to the Chilean seismic catalogs. *Spatial Statistics*, **2015**, 14, 151-165	2.2	10
32	Mixed Non-Parametric and Parametric Estimation Techniques in R Package etasFLP for EarthquakesUDescription. *Journal of Statistical Software*, **2017**, 76,	7.3	8
31	Degree course change and student performance: a mixed-effect model approach. *Journal of Applied Statistics*, **2016**, 43, 3-15	1	7
30	Spatial pattern analysis using hybrid models: an application to the Hellenic seismicity. *Stochastic Environmental Research and Risk Assessment*, **2017**, 31, 1633-1648	3.5	7
29	Change-Point Detection for Variance Piecewise Constant Models. *Communications in Statistics Part B: Simulation and Computation*, **2012**, 41, 437-448	0.6	6
28	Clusters of effects curves in quantile regression models. *Computational Statistics*, **2019**, 34, 551-569	1	4
27	Multiscale processes to describe the Eastern Sicily Seismic Sequences. *Annals of Geophysics*, **2018**, 61,	1.1	4

26	Nonparametric Clustering of Seismic Events. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2006**, 397-404	0.2	4
25	Joint second-order parameter estimation for spatio-temporal log-Gaussian Cox processes. *Stochastic Environmental Research and Risk Assessment*, **2018**, 32, 3525-3539	3.5	3
24	Space-Time Forecasting of Seismic Events in Chile **2017**,		3
23	Kernel estimation and display of a five-dimensional conditional intensity function. *Nonlinear Processes in Geophysics*, **2010**, 17, 237-244	2.9	3
22	Second-order diagnostics for space-time point processes with application to seismic events. *Environmetrics*, **2008**, 20, n/a-n/a	1.3	3
21	An Analysis of Earthquakes Clustering Based on a Second-Order Diagnostic Approach. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2010**, 309-317	0.2	3
20	Kernel Intensity for Space-Time Point Processes with Application to Seismological Problems. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2011**, 401-408	0.2	3
19	Some properties of local weighted second-order statistics for spatio-temporal point processes. *Stochastic Environmental Research and Risk Assessment*, **2020**, 34, 149-168	3.5	3
18	Including covariates in a space-time point process with application to seismicity. *Statistical Methods and Applications*, **2020**, 30, 947	0.8	3
17	Hydrological post-processing based on approximate Bayesian computation (ABC). *Stochastic Environmental Research and Risk Assessment*, **2019**, 33, 1361-1373	3.5	2
16	An Algorithm for Earthquakes Clustering Based on Maximum Likelihood. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2010**, 25-32	0.2	2
15	Spatio-temporal classification in point patterns under the presence of clutter. *Environmetrics*, **2020**, 31, e2599	1.3	2
14	Financial contagion through space-time point processes. *Statistical Methods and Applications*, **2021**, 30, 665-688	0.8	2
13	ETAS Space□ime Modeling of Chile Triggered Seismicity Using Covariates: Some Preliminary Results. *Applied Sciences (Switzerland)*, **2021**, 11, 9143	2.6	2
12	Testing for local structure in spatiotemporal point pattern data. *Environmetrics*, **2018**, 29, e2463	1.3	2
11	Spatio-Temporal Spread Pattern of COVID-19 in Italy. *Mathematics*, **2021**, 9, 2454	2.3	1
10	A Fast and Efficient Picking Algorithm for Earthquake Early Warning Application Based on the Variance Piecewise Constant Models. *Lecture Notes in Computer Science*, **2020**, 903-913	0.9	1
9	Space-Time FPCA Clustering of Multidimensional Curves. *Springer Proceedings in Mathematics and Statistics*, **2018**, 201-210	0.2	1

8	Migration and students performance: detecting geographical differences following a curves clustering approach. *Journal of Applied Statistics*, **2020**, 1-15	1	1
7	A PCA-based clustering algorithm for the identification of stratiform and convective precipitation at the event scale: an application to the sub-hourly precipitation of Sicily, Italy. *Stochastic Environmental Research and Risk Assessment*,1	3.5	1
6	Assessing local differences between the spatio-temporal second-order structure of two point patterns occurring on the same linear network. *Spatial Statistics*, **2021**, 45, 100534	2.2	1
5	A new picking algorithm based on the variance piecewise constant models. *Stochastic Environmental Research and Risk Assessment*,1	3.5	1
4	Self-exciting point process modelling of crimes on linear networks. *Statistical Modelling*,1471082X221094	1.7	0
3	Gamma Kernel Intensity Estimation in Temporal Point Processes. *Communications in Statistics Part B: Simulation and Computation*, **2011**, 40, 1146-1162	0.6	
2	Probabilistic Forecast for Northern New Zealand Seismic Process Based on a Forward Predictive Kernel Estimator. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2011**, 119-126	0.2	
1	Determinants of spatial intensity of stop locations on cruise passengers tracking data. *Proceedings E Report*,159-164		