Gianluca Mastrantonio

List of Publications by Year
in descending order

25 papers	346 citations	932766 10 h-index	839053 18 g-index
26 all docs	26 docs citations	26 times ranked	641 citing authors

#	Article	IF	Citations
1	The Seascape of Demersal Fish Nursery Areas in the North Mediterranean Sea, a First Step Towards the Implementation of Spatial Planning for Trawl Fisheries. PLoS ONE, 2015, 10, e0119590.	1.1	92
2	Parapenaeus longirostris (Lucas, 1846) an early warning indicator species of global warming in the central Mediterranean Sea. Journal of Marine Systems, 2014, 138, 29-39.	0.9	30
3	A spatial risk assessment model framework for incursion of exotic animal disease into the European Union Member States. Microbial Risk Analysis, 2019, 13, 100075.	1.3	26
4	Bayesian hidden Markov modelling using circularâ€‘linear general projected normal distribution. Environmetrics, 2015, 26, 145-158.	0.6	25
5	Scuba diving damage on coralligenous builders: Bryozoan species as an indicator of stress. Ecological Indicators, 2017, 74, 441-450.	2.6	24
6	Discussing the â€œbig n problemâ€. Statistical Methods and Applications, 2013, 22, 97-112.	0.7	22
7	Spatio-temporal circular models with non-separable covariance structure. Test, 2016, 25, 331-350.	0.7	21
8	A time-dependent extension of the projected normal regression model for longitudinal circular data based on a hidden Markov heterogeneity structure. Stochastic Environmental Research and Risk Assessment, 2016, 30, 1725-1740.	1.9	17
9	A hierarchical multivariate spatio-temporal model for clustered climate data with annual cycles. Annals of Applied Statistics, 2019, 13, .	0.5	16
10	The wrapped skew Gaussian process for analyzing spatio-temporal data. Stochastic Environmental Research and Risk Assessment, 2016, 30, 2231-2242.	1.9	11
11	The joint projected normal and skew-normal: A distribution for poly-cylindrical data. Journal of Multivariate Analysis, 2018, 165, 14-26.	0.5	11
12	Predictive probability of success using surrogate endpoints. Statistics in Medicine, 2019, 38, 1753-1774.	0.8	9
13	Distributions-oriented wind forecast verification by a hidden Markov model for multivariate circularâ€“linear data. Stochastic Environmental Research and Risk Assessment, 2018, 32, 169-181.	1.9	7
14	Using network analysis to identify seasonal patterns and key nodes for riskâ€‘based surveillance of pig diseases in Italy. Transboundary and Emerging Diseases, 2021, 68, 3541-3551.	1.3	5
15	Hidden Markov model for discrete circularâ€“linear wind data time series. Journal of Statistical Computation and Simulation, 2016, 86, 2611-2624.	0.7	4
16	Correlates of parasites and pseudoparasites in wolves (Canis lupus) across continents: A comparison among Yellowstone (USA), Abruzzo (IT) and Mercantour (FR) national parks. International Journal for Parasitology: Parasites and Wildlife, 2019, 10, 196-206.	0.6	4
17	Social network analysis and risk assessment: An example of introducing an exotic animal disease in Italy. Microbial Risk Analysis, 2019, 13, 100074.	1.3	4
18	CircSpaceTime: an R package for spatial and spatio-temporal modelling of circular data. Journal of Statistical Computation and Simulation, 2020, 90, 1315-1345.	0.7	4

#	Article	IF	Citations
19	Cost of Coexisting with a Relict Large Carnivore Population: Impact of Apennine Brown Bears, 2005â€"2015. Animals, 2021, 11, 1453.	1.0	4
20	A Dirichlet process model for changeâ€point detection withÂmultivariate bioclimatic data. Environmetrics, 2022, 33, e2699.	0.6	4
21	New formulation of the logistic-Gaussian process to analyze trajectory tracking data. Annals of Applied Statistics, 2019, 13, .	0.5	3
22	Evaluating a mixed abioticâ€"biotic model for the distribution and host contact rates of an arthropod vector of pathogens: An example with Ixodes ricinus (Ixodidae). Microbial Risk Analysis, 2019, 13, 100067.	1.3	2
23	Invariance properties and statistical inference for circular data. Statistica Sinica, 2018, , .	0.2	1
24	Comments on: Process modeling for slope and aspect with application to elevation data maps. Test, 2018, 27, 776-777.	0.7	0
25	The modelling of movement of multiple animals that share behavioural features. Journal of the Royal Statistical Society Series C: Applied Statistics, 0, , .	0.5	0