Alessandro Fasso'

List of Publications by Year
in descending order

35 papers	436 citations	777949 13 h-index	889612 19 g-index
51 all docs	51 docs citations	51 times ranked	496 citing authors

#	Article	IF	Citations
1	Spatiotemporal variable selection and air quality impact assessment of COVID-19 lockdown. Spatial Statistics, 2022, 49, 100549.	0.9	12
2	The New Radiosounding HARMonization (RHARM) Data Set of Homogenized Radiosounding Temperature, Humidity, and Wind Profiles With Uncertainties. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	10
3	Quantifying the interpolation uncertainty of radiosonde humidity profiles. Measurement Science and Technology, 2022, 33, 074001.	1.4	3
4	How COVID-19 Affected GHG Emissions of Ferries in Europe. Sustainability, 2022, 14, 5287.	1.6	7
5	Concurrent spatiotemporal daily land use regression modeling and missing data imputation of fine particulate matter using distributed space-time expectation maximization. Atmospheric Environment, 2020, 224, 117202.	1.9	15
6	The impact of the Covidâ€19 pandemic on Italian mobility. Significance, 2020, 17, 17-18.	0.3	8
7	Statistical Modeling of the Early-Stage Impact of a New Traffic Policy in Milan, Italy. International Journal of Environmental Research and Public Health, 2020, 17, 1088.	1.2	12
8	Interpolation uncertainty of atmospheric temperature profiles. Atmospheric Measurement Techniques, 2020, 13, 6445-6458.	1.2	8
9	Editorial of special issue on statistics for climate change and the environment. Environmetrics, 2019, 30, e2554.	0.6	0
10	Statistical issues in radiosonde observation of atmospheric temperature and humidity profiles. Statistics and Probability Letters, 2018, 136, 97-100.	0.4	9
11	A statistical approach to crowdsourced smartphone-based earthquake early warning systems. Stochastic Environmental Research and Risk Assessment, 2017, 31, 1649-1658.	1.9	31
12	Seismomatics. Stochastic Environmental Research and Risk Assessment, 2017, 31, 1577-1582.	1.9	2
13	Spatial Coverage of Monitoring Networks: A Climate Observing System Simulation Experiment. Journal of Applied Meteorology and Climatology, 2017, 56, 3211-3228.	0.6	9
14	Functional Control Charts and Health Monitoring of Steam Sterilizers. Quality and Reliability Engineering International, 2016, 32, 2081-2091.	1.4	4
15	European Population Exposure to Airborne Pollutants Based on a Multivariate Spatio-Temporal Model. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 492-511.	0.7	13
16	Advanced methods for spaceâ€"time environmental data. Statistical Methods and Applications, 2016, 25, 1-4.	0.7	2
17	Covariance tapering for multivariate Gaussian random fields estimation. Statistical Methods and Applications, 2016, 25, 21-37.	0.7	19
18	Maximum likelihood estimation of the multivariate hidden dynamic geostatistical model with application to air quality in Apulia, Italy. Environmetrics, 2015, 26, 406-417.	0.6	23

#	Article	IF	Citations
19	A comparison of clustering approaches for the study of the temporal coherence of multiple time series. Stochastic Environmental Research and Risk Assessment, 2015, 29, 463-475.	1.9	16
20	Latent variables and space-time models for environmental problems. Stochastic Environmental Research and Risk Assessment, 2015, 29, 323-324.	1.9	1
21	Modelling collocation uncertainty of 3D atmospheric profiles. Stochastic Environmental Research and Risk Assessment, 2015, 29, 417-429.	1.9	14
22	Statistical modelling of collocation uncertainty in atmospheric thermodynamic profiles. Atmospheric Measurement Techniques, 2014, 7, 1803-1816.	1.2	23
23	Statistical assessment of air quality interventions. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1651-1660.	1.9	18
24	A Model-Based Framework for Air Quality Indices and Population Risk Evaluation, with an Application to the Analysis of Scottish Air Quality Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2013, 62, 287-308.	0.5	22
25	Spatial statistics for environmental studies. AStA Advances in Statistical Analysis, 2013, 97, 89-91.	0.4	1
26	Maximum likelihood estimation of the dynamic coregionalization model with heterotopic data. Environmetrics, 2011, 22, 735-748.	0.6	48
27	â€˜Bayesian source detection and parameter estimation of a plume model based on sensor network measurementsâ€™ by C. Huang *et al*.: Discussion 1. Applied Stochastic Models in Business and Industry, 2010, 26, 349-352.	0.9	3
28	A Unified Statistical Approach for Simulation, Modeling, Analysis and Mapping of Environmental Data. Simulation, 2010, 86, 139-153.	1.1	16
29	The EM algorithm in a distributed computing environment for modelling environmental spaceâ€“time data. Environmental Modelling and Software, 2009, 24, 1027-1035.	1.9	20
30	Air quality monitoring using heterogeneous networks. Environmetrics, 2007, 18, 245-264.	0.6	32
31	Statistics for environmental decisions. Environmetrics, 2007, 18, 217-217.	0.6	7
32	Non-linear statistical modelling of high frequency ground ozone data. Environmetrics, 2002, 13, 225-241.	0.6	12
33	Multi-step forecasting for nonlinear models of high frequency ground ozone data: a Monte Carlo approach. Environmetrics, 2002, 13, 365-378.	0.6	3
34	Residual Autocorrelation Distribution in the Validation Data Set. Journal of Time Series Analysis, 2000, 21, 143-153.	0.7	4
35	Localizing ruptures in block stochastic systems. Journal of the Italian Statistical Society, 1992, 1, 235-249.	0.1	1