

Antonello Pasini

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

975
citations

393982

19
h-index

454577

30
g-index

51
all docs

51
docs citations

51
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	The nature of the trend in global and hemispheric temperatures. <i>International Journal of Climatology</i> , 2021, 41, 5776.	1.5	1
2	Nitrogen Oxides (NOx) in the Arctic Troposphere at Ny-Ålesund (Svalbard Islands): Effects of Anthropogenic Pollution Sources. <i>Atmosphere</i> , 2021, 12, 901.	1.0	2
3	Perception and risk of Covid-19 and climate change: investigating analogies in a common framework. <i>Global Sustainability</i> , 2020, 3, .	1.6	3
4	Neural network modelling for estimating linear and nonlinear influences of meteo-climatic variables on <i>Sergentomyia minuta</i> abundance using small datasets. <i>Ecological Informatics</i> , 2020, 56, 101055.	2.3	6
5	Linear and nonlinear influences of climatic changes on migration flows: a case study for the "Mediterranean bridge". <i>Environmental Research Communications</i> , 2019, 1, 011005.	0.9	7
6	Arctic amplification: evidence from a cluster analysis of temperature time series for eight latitude bands. <i>Theoretical and Applied Climatology</i> , 2019, 137, 505-511.	1.3	1
7	New records of monthly temperature extremes as a signal of climate change in Italy. <i>International Journal of Climatology</i> , 2019, 39, 2491-2503.	1.5	4
8	High time-resolved radon progeny measurements in the Arctic region (Svalbard islands, Norway): results and potentialities. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6959-6969.	1.9	3
9	Climate actions in a changing world. <i>Infrastructure Asset Management</i> , 2018, 5, 237-241.	1.2	5
10	Evidence for the role of the Atlantic multidecadal oscillation and the ocean heat uptake in hiatus prediction. <i>Theoretical and Applied Climatology</i> , 2017, 129, 873-880.	1.3	10
11	A neural network ensemble downscaling system (SIBILLA) for seasonal forecasts over Italy: winter case studies. <i>Meteorological Applications</i> , 2017, 24, 157-166.	0.9	3
12	Effect of a positive Sea Surface Temperature anomaly on a Mediterranean tornadic supercell. <i>Scientific Reports</i> , 2017, 7, 12828.	1.6	39
13	Attribution of recent temperature behaviour reassessed by a neural-network method. <i>Scientific Reports</i> , 2017, 7, 17681.	1.6	20
14	An overview of the use of artificial neural networks in lung cancer research. <i>Journal of Thoracic Disease</i> , 2017, 9, 924-931.	0.6	50
15	Climate model pluralism beyond dynamical ensembles. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2017, 8, e477.	3.6	14
16	Quantitative Interpretation of Air Radon Progeny Fluctuations in Terms of Stability Conditions in the Atmospheric Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2016, 160, 529-550.	1.2	11
17	On the role of sulfates in recent global warming: a Granger causality analysis. <i>International Journal of Climatology</i> , 2015, 35, 3701-3706.	1.5	7
18	Trends in daily temperature extremes over the Basilicata region (southern Italy) from 1951 to 2010 in a Mediterranean climatic context. <i>International Journal of Climatology</i> , 2015, 35, 1964-1975.	1.5	39

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19	A multi-approach strategy in climate attribution studies: Is it possible to apply a robustness framework?. <i>Environmental Science and Policy</i> , 2015, 50, 191-199.	2.4	7
20	Analysis of spontaneous pneumothorax in the city of Cuneo: environmental correlations with meteorological and air pollutant variables. <i>Surgery Today</i> , 2015, 45, 625-629.	0.7	22
21	Artificial neural networks for small dataset analysis. <i>Journal of Thoracic Disease</i> , 2015, 7, 953-60.	0.6	130
22	Clarifying the Roles of Greenhouse Gases and ENSO in Recent Global Warming through Their Prediction Performance. <i>Journal of Climate</i> , 2014, 27, 7903-7910.	1.2	4
23	Modeling Radon Behavior for Characterizing and Forecasting Geophysical Variables at the Atmosphere-Soil Interface. , 2014, , 213-237.		2
24	Energy cycle for the Lorenz attractor. <i>Chaos, Solitons and Fractals</i> , 2014, 64, 67-77.	2.5	34
25	Measuring persistence in time series of temperature anomalies. <i>Theoretical and Applied Climatology</i> , 2014, 118, 491-495.	1.3	4
26	Anthropogenic global warming hypothesis: testing its robustness by Granger causality analysis. <i>Environmetrics</i> , 2013, 24, 260-268.	0.6	31
27	Climatic attribution at the regional scale: a case study on the role of circulation patterns and external forcings. <i>Atmospheric Science Letters</i> , 2013, 14, 301-305.	0.8	16
28	Changes in daily precipitation extremes in the Mediterranean from 1951 to 2010: the Basilicata region, southern Italy. <i>International Journal of Climatology</i> , 2013, 33, 3229-3248.	1.5	85
29	Influence of Circulation Patterns on Temperature Behavior at the Regional Scale: A Case Study Investigated via Neural Network Modeling. <i>Journal of Climate</i> , 2012, 25, 2123-2128.	1.2	19
30	Evidence of recent causal decoupling between solar radiation and global temperature. <i>Environmental Research Letters</i> , 2012, 7, 034020.	2.2	25
31	Oscillating forcings and new regimes in the Lorenz system: a four-lobe attractor. <i>Nonlinear Processes in Geophysics</i> , 2012, 19, 315-322.	0.6	7
32	A contribution to attribution of recent global warming by out-of-sample Granger causality analysis. <i>Atmospheric Science Letters</i> , 2012, 13, 67-72.	0.8	44
33	Illicit psychotropic substance contents in the air of Italy. <i>Atmospheric Environment</i> , 2010, 44, 2358-2363.	1.9	26
34	Energy-based predictions in Lorenz system by a unified formalism and neural network modelling. <i>Nonlinear Processes in Geophysics</i> , 2010, 17, 809-815.	0.6	4
35	Attribution of Precipitation Changes on a Regional Scale by Neural Network Modeling: A Case Study. <i>Water (Switzerland)</i> , 2010, 2, 321-332.	1.2	22
36	<i>Environmental Science Models and Artificial Intelligence.</i> , 2009, , 3-13.		3

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37	Neural Network Modeling in Climate Change Studies. , 2009, , 235-254.		7
38	Neural Networks for Characterization and Forecasting in the Boundary Layer via Radon Data. , 2009, , 255-268.		2
39	Measurements of lower Carbonyls and Hydrocarbons at Ny�alesund, Svalbard. Annali Di Chimica, 2007, 97, 1027-1037.	0.6	9
40	Neural network modelling for the analysis of forcings/temperatures relationships at different scales in the climate system. Ecological Modelling, 2006, 191, 58-67.	1.2	53
41	Radon short range forecasting through time series preprocessing and neural network modeling. Geophysical Research Letters, 2003, 30, .	1.5	27
42	Monitoring of ambient BTX at Monterotondo (Rome) and indoor�� outdoor evaluation in school and domestic sites. Journal of Environmental Monitoring, 2002, 4, 903-909.	2.1	25
43	A neural network model for visibility nowcasting from surface observations: Results and sensitivity to physical input variables. Journal of Geophysical Research, 2001, 106, 14951-14959.	3.3	54
44	Dissipation in Lie��Poisson systems and the Lorenz-84 model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 291, 389-396.	0.9	19
45	A unified view of Kolmogorov and Lorenz systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 275, 435-446.	0.9	45
46	Torsion and attractors in the Kolmogorov hydrodynamical system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 241, 77-83.	0.9	14
47	Precessions of opposite chirality for the spin vector in a Riemann-Cartan framework. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 151, 459-463.	0.9	2
48	On the possibility of interpreting quantum mechanics in terms of stochastic metric fluctuations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 137, 21-28.	0.9	6
49	A conceptual introduction to the Kaluza-Klein theory. European Journal of Physics, 1988, 9, 289-296.	0.3	0