

Antonello Pasini

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

975
citations

394421

19
h-index

454955

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. International Journal of Climatology, 2021, 41, 5776.	3.5	1
2	Nitrogen Oxides (NOx) in the Arctic Troposphere at Ny-Ålesund (Svalbard Islands): Effects of Anthropogenic Pollution Sources. Atmosphere, 2021, 12, 901.	2.3	2
3	Perception and risk of Covid-19 and climate change: investigating analogies in a common framework. Global Sustainability, 2020, 3, .	3.3	3
4	Neural network modelling for estimating linear and nonlinear influences of meteo-climatic variables on <i>Sergentomyia minuta</i> abundance using small datasets. Ecological Informatics, 2020, 56, 101055.	5.2	6
5	Linear and nonlinear influences of climatic changes on migration flows: a case study for the "Mediterranean bridge". Environmental Research Communications, 2019, 1, 011005.	2.3	7
6	Arctic amplification: evidence from a cluster analysis of temperature time series for eight latitude bands. Theoretical and Applied Climatology, 2019, 137, 505-511.	2.8	1
7	New records of monthly temperature extremes as a signal of climate change in Italy. International Journal of Climatology, 2019, 39, 2491-2503.	3.5	4
8	High time-resolved radon progeny measurements in the Arctic region (Svalbard islands, Norway): results and potentialities. Atmospheric Chemistry and Physics, 2018, 18, 6959-6969.	4.9	3
9	Climate actions in a changing world. Infrastructure Asset Management, 2018, 5, 237-241.	1.6	5
10	Evidence for the role of the Atlantic multidecadal oscillation and the ocean heat uptake in hiatus prediction. Theoretical and Applied Climatology, 2017, 129, 873-880.	2.8	10
11	A neural network ensemble downscaling system (<scp>SIBILLA</scp>) for seasonal forecasts over Italy: winter case studies. Meteorological Applications, 2017, 24, 157-166.	2.1	3
12	Effect of a positive Sea Surface Temperature anomaly on a Mediterranean tornadic supercell. Scientific Reports, 2017, 7, 12828.	3.3	39
13	Attribution of recent temperature behaviour reassessed by a neural-network method. Scientific Reports, 2017, 7, 17681.	3.3	20
14	An overview of the use of artificial neural networks in lung cancer research. Journal of Thoracic Disease, 2017, 9, 924-931.	1.4	50
15	Climate model pluralism beyond dynamical ensembles. Wiley Interdisciplinary Reviews: Climate Change, 2017, 8, e477.	8.1	14
16	Quantitative Interpretation of Air Radon Progeny Fluctuations in Terms of Stability Conditions in the Atmospheric Boundary Layer. Boundary-Layer Meteorology, 2016, 160, 529-550.	2.3	11
17	On the role of sulfates in recent global warming: a Granger causality analysis. International Journal of Climatology, 2015, 35, 3701-3706.	3.5	7
18	Trends in daily temperature extremes over the Basilicata region (southern Italy) from 1951 to 2010 in a Mediterranean climatic context. International Journal of Climatology, 2015, 35, 1964-1975.	3.5	39

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19	A multi-approach strategy in climate attribution studies: Is it possible to apply a robustness framework?. Environmental Science and Policy, 2015, 50, 191-199.	4.9	7
20	Analysis of spontaneous pneumothorax in the city of Cuneo: environmental correlations with meteorological and air pollutant variables. Surgery Today, 2015, 45, 625-629.	1.5	22
21	Artificial neural networks for small dataset analysis. Journal of Thoracic Disease, 2015, 7, 953-60.	1.4	130
22	Clarifying the Roles of Greenhouse Gases and ENSO in Recent Global Warming through Their Prediction Performance. Journal of Climate, 2014, 27, 7903-7910.	3.2	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. Chaos, Solitons and Fractals, 2014, 64, 67-77.	5.1	34
25	Measuring persistence in time series of temperature anomalies. Theoretical and Applied Climatology, 2014, 118, 491-495.	2.8	4
26	Anthropogenic global warming hypothesis: testing its robustness by Granger causality analysis. Environmetrics, 2013, 24, 260-268.	1.4	31
27	Climatic attribution at the regional scale: a case study on the role of circulation patterns and external forcings. Atmospheric Science Letters, 2013, 14, 301-305.	1.9	16
28	Changes in daily precipitation extremes in the Mediterranean from 1951 to 2010: the Basilicata region, southern Italy. International Journal of Climatology, 2013, 33, 3229-3248.	3.5	85
29	Influence of Circulation Patterns on Temperature Behavior at the Regional Scale: A Case Study Investigated via Neural Network Modeling. Journal of Climate, 2012, 25, 2123-2128.	3.2	19
30	Evidence of recent causal decoupling between solar radiation and global temperature. Environmental Research Letters, 2012, 7, 034020.	5.2	25
31	Oscillating forcings and new regimes in the Lorenz system: a four-lobe attractor. Nonlinear Processes in Geophysics, 2012, 19, 315-322.	1.3	7
32	A contribution to attribution of recent global warming by out-of-sample Granger causality analysis. Atmospheric Science Letters, 2012, 13, 67-72.	1.9	44
33	Illicit psychotropic substance contents in the air of Italy. Atmospheric Environment, 2010, 44, 2358-2363.	4.1	26
34	Energy-based predictions in Lorenz system by a unified formalism and neural network modelling. Nonlinear Processes in Geophysics, 2010, 17, 809-815.	1.3	4
35	Attribution of Precipitation Changes on a Regional Scale by Neural Network Modeling: A Case Study. Water (Switzerland), 2010, 2, 321-332.	2.7	22
36	Environmental Science Models and Artificial Intelligence. , 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-Ålesund, 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.	2.5	53
41	Radon short range forecasting through time series preprocessing and neural network modeling. Geophysical Research Letters, 2003, 30, .	4.0	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.	2.1	19
45	A unified view of Kolmogorov and Lorenz systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 275, 435-446.	2.1	45
46	Torsion and attractors in the Kolmogorov hydrodynamical system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 241, 77-83.	2.1	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.	2.1	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.	2.1	6
49	A conceptual introduction to the Kaluza-Klein theory. European Journal of Physics, 1988, 9, 289-296.	0.6	0