Anna Maria Sempreviva

List of Publications by Year
in descending order

27	1,104	623574	552653
papers	citations	14 h-index	26 g-index

30	30	30	1476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of the Vertical Structure of the Coastal Boundary Layer Integrating Surface Measurements and Ground-Based Remote Sensing. Sensors, 2020, 20, 6516.	2.1	10
2	Grand challenges in the science of wind energy. Science, 2019, 366, .	6.0	482
3	Sensitivity analysis of WRF model PBL schemes in simulating boundary-layer variables in southern Italy: An experimental campaign. Atmospheric Research, 2017, 192, 58-71.	1.8	74
4	Two years of wind-lidar measurements at an Italian Mediterranean Coastal Site. Energy Procedia, 2017, 125, 214-220.	1.8	3
5	An intercomparison of mesoscale models at simple sites for wind energy applications. Wind Energy Science, 2017, 2, 211-228.	1.2	17
6	Using Remote Sensing Data for Integrating different Renewable Energy Sources at Coastal Site in South Italy. Energy Procedia, 2016, 97, 172-178.	1.8	8
7	Comparison of Hourly Solar Radiation from a Groundâ€“Based Station, Remote Sensing and Weather Forecast Models at a Coastal Site of South Italy (Lamezia Terme). Energy Procedia, 2015, 76, 148-155.	1.8	9
8	One Year of Vertical Wind Profiles Measurements at a Mediterranean Coastal Site of South Italy. Energy Procedia, 2015, 76, 121-127.	1.8	3
9	Forecasting wind power production from a wind farm using the RAMS model. Advances in Science and Research, 2015, 12, 37-44.	1.0	3
10	The role of subsidence in a weakly unstable marine boundary layer: a case study. Nonlinear Processes in Geophysics, 2014, 21, 489-501.	0.6	1
11	Largeâ€eddy simulation of an offshore <scp>M</scp>editerranean area. Meteorological Applications, 2014, 21, 910-921.	0.9	3
12	On the Temperature and Humidity Dissimilarity in the Marine Surface Layer. Boundary-Layer Meteorology, 2014, 151, 273-291.	1.2	6
13	Offshore Wind Mapping Mediterranean Area Using SAR. Energy Procedia, 2013, 40, 38-47.	1.8	7
14	Spatial and temporal variability of winds in the Northern European Seas. Renewable Energy, 2013, 57, 200-210.	4.3	92
15	ANALYSIS OF OFFSHORE WIND FLOW: LARGE-EDDY SIMULATION AND SEA OBSERVATIONAL DATA. CiÃªncia E Natura, 2013, .	0.0	0
16	A Preliminary Cellular Model for Sand Coastal Erosion and Experimental Contrast with Porto Cesareo Case. Lecture Notes in Computer Science, 2012, , 273-278.	1.0	1
17	Eight years of wind measurements from scatterometer for wind resource mapping in the Mediterranean Sea. Wind Energy, 2011, 14, 355-372.	1.9	36
18	The influence of humidity fluxes on offshore wind speed profiles. Annales Geophysicae, 2010, 28, 1043-1052.	0.6	18

#	Article	IF	Citations
19	Observed development of the vertical structure of the marine boundary layer during the LASIE experiment in the Ligurian Sea. Annales Geophysicae, 2010, 28, 17-25.	0.6	16
20	The seasonal characteristics of the breeze circulation at a coastal Mediterranean site in South Italy. Advances in Science and Research, 2010, 4, 47-56.	1.0	14
21	Preliminary results of a 30-year daily rainfall data base in southern Italy. Atmospheric Research, 2009, 94, 641-651.	1.8	29
22	The Temperatureâ€“Humidity Covariance in the Marine Surface Layer: A One-dimensional Analytical Model. Boundary-Layer Meteorology, 2008, 126, 263-278.	1.2	45
23	On the Anomalous Behaviour of Scalar Fluxâ€“Variance Similarity Functions Within the Canopy Sub-layer of a Dense Alpine Forest. Boundary-Layer Meteorology, 2008, 128, 33-57.	1.2	48
24	Review of Methodologies for Offshore Wind Resource Assessment in European Seas. Surveys in Geophysics, 2008, 29, 471-497.	2.1	89
25	WindEng â€” Research Activity in an European Training Network. Wind Engineering, 2004, 28, 325-337.	1.1	1
26	Mixing Height Over Water And Its Role On The Correlation Between Temperature And Humidity Fluctuations In The Unstable Surface Layer. Boundary-Layer Meteorology, 2000, 97, 273-291.	1.2	37
27	Response of neutral boundary layers to changes of roughness. Boundary-Layer Meteorology, 1990, 50, 205-225.	1.2	47