

# Anna Maria Sempreviva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9156231/publications.pdf>

Version: 2024-02-01

27  
papers

1,104  
citations

623574

14  
h-index

552653

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grand challenges in the science of wind energy. <i>Science</i> , 2019, 366, .	6.0	482
2	Spatial and temporal variability of winds in the Northern European Seas. <i>Renewable Energy</i> , 2013, 57, 200-210.	4.3	92
3	Review of Methodologies for Offshore Wind Resource Assessment in European Seas. <i>Surveys in Geophysics</i> , 2008, 29, 471-497.	2.1	89
4	Sensitivity analysis of WRF model PBL schemes in simulating boundary-layer variables in southern Italy: An experimental campaign. <i>Atmospheric Research</i> , 2017, 192, 58-71.	1.8	74
5	On the Anomalous Behaviour of Scalar Fluxâ€“Variance Similarity Functions Within the Canopy Sub-layer of a Dense Alpine Forest. <i>Boundary-Layer Meteorology</i> , 2008, 128, 33-57.	1.2	48
6	Response of neutral boundary layers to changes of roughness. <i>Boundary-Layer Meteorology</i> , 1990, 50, 205-225.	1.2	47
7	The Temperatureâ€“Humidity Covariance in the Marine Surface Layer: A One-dimensional Analytical Model. <i>Boundary-Layer Meteorology</i> , 2008, 126, 263-278.	1.2	45
8	Mixing Height Over Water And Its Role On The Correlation Between Temperature And Humidity Fluctuations In The Unstable Surface Layer. <i>Boundary-Layer Meteorology</i> , 2000, 97, 273-291.	1.2	37
9	Eight years of wind measurements from scatterometer for wind resource mapping in the Mediterranean Sea. <i>Wind Energy</i> , 2011, 14, 355-372.	1.9	36
10	Preliminary results of a 30-year daily rainfall data base in southern Italy. <i>Atmospheric Research</i> , 2009, 94, 641-651.	1.8	29
11	The influence of humidity fluxes on offshore wind speed profiles. <i>Annales Geophysicae</i> , 2010, 28, 1043-1052.	0.6	18
12	An intercomparison of mesoscale models at simple sites for wind energy applications. <i>Wind Energy Science</i> , 2017, 2, 211-228.	1.2	17
13	Observed development of the vertical structure of the marine boundary layer during the LASIE experiment in the Ligurian Sea. <i>Annales Geophysicae</i> , 2010, 28, 17-25.	0.6	16
14	The seasonal characteristics of the breeze circulation at a coastal Mediterranean site in South Italy. <i>Advances in Science and Research</i> , 2010, 4, 47-56.	1.0	14
15	Study of the Vertical Structure of the Coastal Boundary Layer Integrating Surface Measurements and Ground-Based Remote Sensing. <i>Sensors</i> , 2020, 20, 6516.	2.1	10
16	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). <i>Energy Procedia</i> , 2015, 76, 148-155.	1.8	9
17	Using Remote Sensing Data for Integrating different Renewable Energy Sources at Coastal Site in South Italy. <i>Energy Procedia</i> , 2016, 97, 172-178.	1.8	8
18	Offshore Wind Mapping Mediterranean Area Using SAR. <i>Energy Procedia</i> , 2013, 40, 38-47.	1.8	7

#	ARTICLE	IF	CITATIONS
19	On the Temperature and Humidity Dissimilarity in the Marine Surface Layer. <i>Boundary-Layer Meteorology</i> , 2014, 151, 273-291.	1.2	6
20	Large-Éddy simulation of an offshore <sc>M</sc>editerranean area. <i>Meteorological Applications</i> , 2014, 21, 910-921.	0.9	3
21	One Year of Vertical Wind Profiles Measurements at a Mediterranean Coastal Site of South Italy. <i>Energy Procedia</i> , 2015, 76, 121-127.	1.8	3
22	Two years of wind-lidar measurements at an Italian Mediterranean Coastal Site. <i>Energy Procedia</i> , 2017, 125, 214-220.	1.8	3
23	Forecasting wind power production from a wind farm using the RAMS model. <i>Advances in Science and Research</i> , 2015, 12, 37-44.	1.0	3
24	WindEng â€” Research Activity in an European Training Network. <i>Wind Engineering</i> , 2004, 28, 325-337.	1.1	1
25	The role of subsidence in a weakly unstable marine boundary layer: a case study. <i>Nonlinear Processes in Geophysics</i> , 2014, 21, 489-501.	0.6	1
26	A Preliminary Cellular Model for Sand Coastal Erosion and Experimental Contrast with Porto Cesareo Case. <i>Lecture Notes in Computer Science</i> , 2012, , 273-278.	1.0	1
27	ANALYSIS OF OFFSHORE WIND FLOW: LARGE-EDDY SIMULATION AND SEA OBSERVATIONAL DATA. <i>CiÃªncia E Natura</i> , 2013, .	0.0	0